










West Virginia Schools for the Deaf and the Blind

West Virginia Schools For
The Deaf and the Blind

CEOI 0403 DBS2200000002

EOI: Physical Education Building Renovations and Evaluations

07/12/22 09:57:50
West Virginia Purchasing Division

McKINLEY
ARCHITECTURE + ENGINEERING

in association with:

PICKERING ASSOCIATES
Architects • Engineers • Surveyors

McKINLEY
ARCHITECTURE + ENGINEERING

July 11, 2022

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 has teamed up with Pickering Associates again (McKinley Team), and are 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 at the Physical Education Building 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.** As you review this submission, we emphasize the following strengths of the McKinley Team with respect to your project:

McKinley Architecture and Engineering *(McKinley & Associates)* has been providing design services since 1981, and are celebrating over 40 years in business. We are excited to announce that for the **2nd consecutive year**, McKinley appears on the **Inc. 5000 list** the **most prestigious ranking of the nation's fastest-growing private companies!** McKinley ranks No. 1928 Nationally With 3-Year Revenue Growth of 231%!

With offices in Wheeling and Charleston, WV and Pittsburgh, PA, we support a professional staff of **Architects, Engineers, an AIA Safety Assessment Program (SAP) Evaluator, Construction Contract Administrators, LEED Accredited Professionals,** and more. We also have an **Accredited Learning Environment Planner** (**one of only 5 in West Virginia!**), and also have **Recognized Educational Facility Planner** on staff who are designated by **the Association for Learning Environments**!

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 $900 million 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.** Our experience includes multiple types of **addition/renovation projects within the educational sector** and **several new schools**, which allow us to use that experience in your project. This has included many **door and window replacements**, as well as **roof replacements**. We also designed the **first LEED Certified School** in West Virginia, 2 of our schools were selected as **U.S. Department of Education Green Ribbon Schools**, we recently won **NCWV Media's Public Project of the Year**, and our school designs have won multiple additional **State and National awards and recognitions!**

The Maxwell Centre - Suite 100 / Thirty-Two Twentieth Street / Wheeling, West Virginia 26003
Phone 304-233-0140 / Fax 304-233-4613 / www.McKinleyDelivers.com / edellatorre@mckinleydelivers.com

Pickering Associates will be utilized for **structural engineering**. Pickering is an integrated **architecture**, **engineering**, and **surveying** firm with over 50 employees. Pickering has project managers, architects, structural engineers, civil engineers, landscape architects, mechanical engineers, electrical engineers, construction administrators, process engineers, controls & automation specialists, surveyors, and support staff.

Established in 1988, Pickering Associates was founded as an engineering firm that has developed into an integrated architecture, engineering and surveying company providing services to **education**, **government**, healthcare, industrial, oil & gas and private sector clients. Pickering Associates, Inc. is a C Corporation.

In closing, we love what we do, so we care about the results you get. One of the more exciting aspects of our job is listening to **you**, our client, in how you envision your projects, and transforming your ideas into realities. This can only be accomplished by effectively working together with you. We are committed to each of our projects. 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 your 10-year Comprehensive Educational Facilities Plan (CEFP 2020-30), and we are very excited about the possibility of continuing our design services with you on other projects as well. 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 the McKinley Team. 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
edellatorre@mckinleydelivers.com
(304) 233-0140 x115

McKINLEY
ARCHITECTURE + ENGINEERING

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

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder: 1050458 **Doc Description:** EOI: Physical Education Building Renovations and Evaluations **Proc Type:** Central Contract - Fixed Amt			**Reason for Modification:**
Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2022-06-24	2022-07-12 13:30	CEOI 0403 DBS2200000002	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: **000000206862*
Vendor Name : McKinley Architecture and Engineering
Address : The Maxwell Centre
Street : 32 20th Street - Suite 100
City : Wheeling
State : West Virginia **Country :** USA **Zip :** 26003
Principal Contact : Ernest Dellatorre
Vendor Contact Phone: (304) 233-0140 **Extension:** 115

FOR INFORMATION CONTACT THE BUYER
Joseph E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** 55-0696478 **DATE** July 11, 2022

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

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

(Name, Title) _____

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

(Address) The Maxwell Centre, 32 20th Street - Suite 100, Wheeling, WV 26003

(Phone Number) / (Fax Number) (304) 233-0140 x115 | (304) 233-4613

(email address) edellatorre@mckinleydelivers.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

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

McKinley Architecture and Engineering
(Company)

_____
(Authorized Signature) (Representative Name, Title)

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

(304) 233-0140 x115 | (304) 233-4613
(Phone Number) (Fax Number)

edellatorre@mckinleydelivers.com
(Email Address)

Qualifications, Experience, and Past Performance

"Vendors should provide information regarding its employees, such as staff qualifications and experience in completing similar projects ...

First and foremost, the McKinley Team can state that our large professional staffs will devote the talent and time necessary to provide the West Virginia Schools for the Deaf and the Blind with another successful project. We will handle all of the Goals and Objectives of your project. The McKinley Teams' portfolios include multiple relevant projects; examples of which you will see later in our proposal. This has included roof replacements, window and door replacements, pool evaluations, and much more. Additionally, we have vast experience with designing multiple projects simultaneously, planned for implementation which minimized disruption to concurrent operations of a facility, have experience with phasing construction if that is needed, and will coordinate your project as required.

McKinley Architecture and Engineering (*McKinley & Associates, Inc.*) was founded on July 1, 1981. We are a multi-discipline full service Architecture & Engineering firm, offering comprehensive in-house professional services in **Architecture, Engineering, AIA Safety Assessment Program (SAP) Evaluation, Learning Environment Planning & Educational Facility Planning, specialized LEED Design (energy efficient and sustainable design), Construction Contract Administration,** and more. We believe our strength lies in the quality of the people we employ. Our seasoned staff has an unsurpassed knowledge of the business and the dedication it takes to make each project a success.

For **legal organization:** McKinley Architecture and Engineering is a **privately held corporation**. David H. McKinley is the Chairman of the Board. Ernest Dellatorre is the Director of Business Development, and is charged with the corporate and administration functions of the Firm. Our Director of Architectural Services, Patrick J. Rymer, AIA, ALEP, oversees the professional architects and designers. Tim E. Mizer, PE, RA, QCxP is our Director of Engineering Services; his presence is a key to the design procedures required to coordinate the functionality of the engineering systems into the aesthetics of a building space. He will also lead all Engineering portions of your project; coordinating all the engineering disciplines within our staff.

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 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 multidiscipline approach to planning and design, because our architects and engineers are both in house we can offer a more refined approach to building planning, programming and design.

McKinley Architecture and Engineering has provided design and construction administration services for West Virginia school buildings since 1981. Within that time we have designed over **$900 million** worth of educational projects. The majority of these projects have been performed in conjunction with the **SBA (School Building Authority)** including all Policies and Procedures involved therein. We work with the **SBA**, the **WV Department of Education**, and the **West Virginia State School Board** on a daily basis. We are quite familiar with the **SBA's Policy and Procedures** as well as the state **Board of Education's Policy 6200 on Planning School Facilities**. In addition to these policies and procedures, we believe it is also important to state our experience with SBA Quality and Performance Standards (Q&P), which were recently updated; not only that, we have also participated with the SBA on its Q&P standard as well as their Sustainable/Green Building and Technology sub-committees.

We have completed **several renovation projects** to a multitude of school facilities, as well as building **additions** and **new school construction**, in over half of West Virginia's 55 counties. Our projects include

Qualifications, Experience, and Past Performance

"High Performance School" components, **healthy / sustainable "energy efficient" design elements,** BIM modeling, etc. Our staff knows how to plan for technology and energy efficiency as well as for the educational goals. McKinley Architecture and Engineering is an Industry Leader. In the past few years alone, here are some of our "firsts" in West Virginia: 1st LEED Certified School, 1st Performing Arts Center Funded by the SBA, 1st SBA Project Funded with Operating Levy Funds, 1st SBA Project Funded using an Energy Performance Contract as Local Funds, 1st Honors Academy / STEM Lab in the State, 1st Chilled Beam HVAC System, 1st Animal Vet Science Center.

For 2 employees, the **Association for Learning Environments** awarded them with prestigious educational designations: **Patrick J. Rymer, AIA, ALEP (CEFP), NCARB** earned the **Accredited Learning Environment Planner** designation, and **Thomas R. Worlledge, AIA, LEED AP BD+C, REFP** has earned the **Recognized Educational Facility Planner** designation. These are marks of excellence developed to reflect the knowledge, skills and abilities of a 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 knowledge essential to the practice of educational facility planning. 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."* These employees have utilized their marks of excellence they achieved in the development of similar facilities, and will help with the planning of these projects. For Patrick, there are **only 5 ALEPs in West Virginia!**

McKinley Architecture and Engineering is on the **forefront of innovative design. Sustainable Design** is a fastly growing and supported philosophy. **We can incorporate energy efficient "green" design into the projects.** McKinley Architecture and Engineering identifies the changes necessary in the design of today's buildings to meet the demands of the future. This approach helps to retain the buildings' long-term profitability and value, which achieves the buildings' sustainability. We offer proactive solutions to complex problems such as indoor air quality, resource depletion, water quality, and much more. It is with this experience that we are able to bring insight to the design to retain and improve your long term value. We have a **LEED Accredited Professional** and 3 **LEED Accredited Professionals specializing in Building Design and Construction** on staff. We have **LEED Certified** educational project, as well as LEED Registered projects.

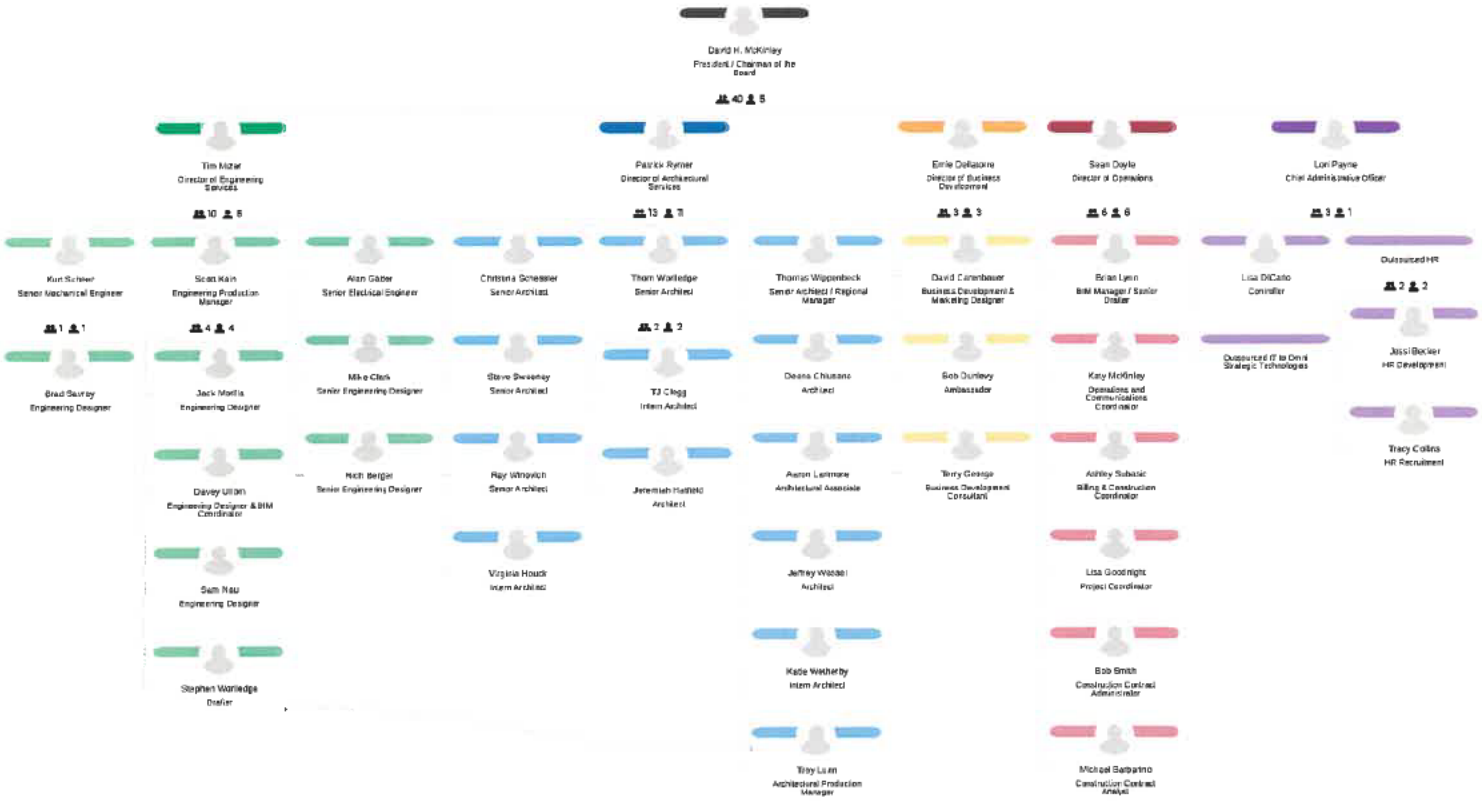
Within the past few years McKinley Architecture and Engineering has won multiple local, State, and even National awards and recognitions for our educational projects, which we feel is worth noting. Some of our honors for PK-12 projects include: West Virginia Department of Environmental Protection's Clean Energy Environmental Award, Black Bear Award for the Highest Achievement for the West Virginia Department of Education's Green Ribbon Schools program (x2), U.S. Department of Education Green Ribbon Schools (x2), Placemaker Award for Leadership of/for Place from the West Virginia GreenWorks, Placemaker Award for Innovation from West Virginia GreenWorks, Outstanding Design by the American School & University Magazine's Architectural Portfolio, NCWV Media's Public Project of the Year, and additional educational awards and recognitions! We also had the first LEED Certified school in the State of West Virginia (awarded May 2011). Furthermore, McKinley was presented with the Governor's Award for Leadership in Buildings Energy Efficiency at the 2019 Innovation & Entrepreneurship Day at the Capitol! We were recognized for our commitment to sustainability and energy efficiency in the design of schools, office buildings, multi-use facilities, and a wide variety of commercial, industrial, government, and historical structures.

Qualifications, Experience, and Past Performance

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

Furthermore, we have designed 4 projects 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!

If the McKinley Team is chosen for this project; **we are available to start immediately upon our being selected, and will provide the necessary hours to complete your project on time.** In addition to those key team members whose resumes are on the upcoming pages; **we can also attribute more professionals from our various trades**. The technical **depth** of our professional staff indicates that these projects can be accomplished without overloading our group or computer graphics systems.



ABOUT THE COMPANY

Founded in 1988, Pickering Associates has been providing architectural, engineering and surveying services throughout West Virginia and Ohio for over thirty years.

We enjoy working on projects with Clients in the Mid-Ohio Valley and in the communities we live and work. Our company is the product of three generations and more than 75 years of construction experience. This experience plus state-of-the-art engineering practices create a full-service, multi-discipline, architectural, engineering and surveying firm serving a wide range of needs and featuring innovative, customized solutions. Our highly qualified staff includes licensed professional engineers, professional surveyors, licensed architects, designers, and drafters as well as support personnel.

The disciplines we cover include architecture, surveying, project management, civil engineering, structural engineering, mechanical engineering, electrical engineering, process engineering, automation and control, and construction administration. Pickering Associates specializes in the above listed disciplines with education, government, healthcare, industrial, oil & gas and private sector clients.

"WE ARE COMMITTED TO THE PROFESSIONAL DEVELOPMENT AND TECHNICAL ADVANCEMENT OF OUR EMPLOYEES."

ABOUT THE PEOPLE

In choosing Pickering Associates, your project will be performed to your specifications with frequent meetings and status reports to keep you up-to-date on the status of the project. Our sole focus is your full satisfaction with the completed quality installation.

Successfully executing more than 10,000 projects in its history, the firm has built a tremendous wealth of experience gaining insight into what works for each client type. Those lessons learned add substance to our work and provide our clients with unparalleled value.

Our objective is to partner with our clients improving their performance, flexibility, life-cycle cost, sustainability and ultimately well-being.

Qualifications, Experience, and Past Performance

... references ...

We feel that the best way to demonstrate our strengths and leadership in educational facility planning and design is by referring to our clients. 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:

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

We have completed multiple renovation projects for OCS since the 1980s, totalling over $100 million, including multiple **safety and security projects, electrical** upgrades, and other relevant scope. One recent project, the J.B. Chambers Performing Arts Center addition to WPHS, was selected as an **Outstanding Design** by American School & University Magazine's Architectural Portfolio!

Ms. Denise R. Hott
CFO, Treasurer / CSBO
Hampshire County Schools
111 School Street
Romney, WV 26757
304 / 822-3528 x133

We recently completed **Pre-Bond Services** that lead to the successful bond passage for Hampshire County Schools. The bond total was for $26 million and when combined with funding from the School Building Authority the total will be $50 million. We also designed their **new Hampshire County Animal Veterinary Research Science Center**.

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

Over the years we have completed **$71 million** in projects for HCS; most recently their $56 million District-Wide Construction Program (which includes **multiple renovations/additions** from PK-12 and the Senator JDR Career Center, and a **new school**). There were also multiple projects that focused on **safety and security,** several **electrical upgrades,** and other relevant scope.

Mr. Jeff Lancaster
Treasurer/CFO
Wetzel County Schools
333 Foundry Street
New Martinsville, WV 26155
304 / 455-2441 x129

We recently had 9 projects of roughly $7 million dollars in upgrades, achieved substantial completion on time or early, and were on budget with less than 1% Change Orders. These included **renovations/additions** to multiple schools from elementary to middle to highs (including **school access safety, electrical and other systems upgrades,** and much more).

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

Recently completed the **new** $16.8 million Johnson Elementary. This 66,000 SF school is registered as a **Collaborative for High Performance School,** incorporates multiple sustainable design elements, and the design received an **ENERGY STAR** Rating of 90. This project included **BIM modeling**. We are now working on their Gore Elementary **addition/renovation**, and a **new school.**

Ms. Amanda Kimble
Facilities Director
Tyler County Schools
P.O. Box 25
Middlebourne, WV 26149
304 / 758-2145

We have completed multiple projects for TCS over the years. We recently completed **county-wide school access safety projects, electrical** and systems renovations to multiple schools across the county, 3 roof replacements projects, a new Bus Maintenance Garage facility, and a new Sports Stadiums / Athletic Complex. We also have a 5-year open-ended contract for other projects.

Hampshire County Board of Education

SUPERINTENDENT
OF SCHOOLS
Marianna Leone

111 School Street
Romney, WV 26757

Phone: (304) 822-3528
Fax: (304) 822-5382

January 22, 2015

Subject: Reference for McKinley & Associates

To Whom It May Concern:

The Hampshire County School Administration and I would like to express our great appreciation for McKinley and Associates and the care they place in their business. Together, we have just recently finished up the construction of our new 4,800 Sq. Ft. Animal Veterinary Science Building (the First SBA Funded) on Schedule and on Budget.

McKinley & Associates recognized the challenges of this project for us from the beginning and through their efforts helped to achieve our goal. From utilizing their relationships with the SBA to help achieve funding approval, their technical knowledge required by a non-standard educational facility, and their continued presence during the construction period holding biweekly construction meetings; McKinley & Associates continually exceeded our initial expectations.

Hampshire County Schools highly recommends the services of McKinley & Associates to anyone in need of a professional and friendly Architectural and Engineering firm, and we would like to take this opportunity to thank the staff of McKinley & Associates for this continued effort and friendship.

Sincerely,

Denise R Hott

Denise R. Hott
Treasurer/CSBO
304/822-3528 x133

Marianna Leone

Marianna Leone
Superintendent

Brooke County Schools

1201 Pleasant Avenue, Wellsburg, WV 26070 Phone (304) 737-3481 / Fax (304) 737-3480

www.edline.net/pages/BrookeCountySchools

"Build a Better Brooke"

February 2, 2015

Mr. Ernie Dellatorre
President
McKinley & Associates
32 Twentieth Street Suite 100
Wheeling, WV 26003

Dear Mr. Dellatorre,

I would like to take this opportunity to thank you and your firm for all of your efforts and support with the passage of our recent bond for the new Brooke Middle School. I truly believe that the bond passage would not have been successful without your assistance.

The Brooke County Staff and I look forward to our ongoing partnership with McKinley & Associates on the design and construction of our new Middle School and HVAC renovations to our High School.

Sincerely,

Dr. Kathy Kidder-Wilkerson

Dr. Kathy Kidder-Wilkerson
Superintendent
Brooke County Schools

HANCOCK COUNTY SCHOOLS
Suzan L. Smith, *Superintendent*
P.O. Box 1300, New Cumberland, WV 26047
Fax – 304-564-3990 • Voice – 304-564-3411 • www.hancockschools.org

February 2, 2015

IT'S ALL ABOUT LEARNING

SUBJECT: REFERENCE FOR MCKINLEY & ASSOCIATES

To Whom It May Concern:

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

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

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

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

Sincerely,

Suzan L. Smith
Superintendent

SLS:blr

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

Physical Plant Department
Wood County Schools Maintenance
4701 Camden Avenue
Parkersburg, WV 26101

Phone: 304-420-9568
Fax: 304-420-9570

January 10, 2019

To: Whom it May Concern

Subject: Customer Reference – Pickering Associates

Wood County Schools continues to contract with Pickering Associates in 2019 as they have for the past several years. Pickering Associates continues to deliver a quality product with excellent results.

In 2018 Pickering Associates continued to support the Williamstown Elementary construction project which is currently on schedule to be completed in 2020.

In 2018, the firm designed and oversaw the completion of 300,000 square feet of Wood County Board of Education roofing projects.

In 2019 Pickering Associates designed and will oversee the completion of 200,000 square feet of Wood County Board of Education roofing projects.

In 2018 Pickering Associates also completed the design of handicapped accessible bathrooms for Jackson Middle School and will assist with the oversight of the addition in 2019.

In 2018 Pickering Associates also completed the design and will assist in the oversight of the addition to Erickson Field Sports Facility bathrooms and concessions in 2019.

It has been a pleasure to work with Pickering Associates. I would not hesitate to recommend the Pickering Associates team to provide excellent design and oversight to any level of construction project.

Sincerely,

Martin Best

Martin Best

Physical Plant Director

Kanawha COUNTY SCHOOLS

FACILITIES/OPERATIONS
3300 Pennsylvania Avenue • Charleston, WV 25302
Dwayne C. Smith, Executive Director
Telephone 304.348.0148 • FAX 304.348.6964

April 7, 2021

To Whom It May Concern:

As Executive Director of Facilities Planning at Kanawha County Schools, I am pleased to provide Pickering Associates, a letter of recommendation for their outstanding work and performance.

In some form or fashion, I have been involved in the construction industry for the past 40 years. In those years I have worked with many A/E firms. That being said Sean Simon and Pickering Associates are at the top of the list for their outstanding work, performance and integrity. In the past two years, Kanawha County Schools has utilized their services on two projects.

Alum Creek Addition and Renovation is a complex project of an existing facility. It included an addition and the renovation of the entire facility with extensive HVAC & Roofing systems replacement as well as rehabilitation of other systems. It has been extremely well designed and managed through the construction process.

Ruthlawn Elementary is another SBA project which we have just awarded to Pickering Associates and are currently in the design phase and it is proceeding smoothly.

During the last couple of years or so I have come to know Sean's integrity, honesty and work ethic to be outstanding. His knowledge of the industry is second to none in my opinion. It has been a pleasure to work with Sean and the Pickering staff and I look forward to working with him on future projects.

Sincerely,

Chuck Smith
Executive Director, Facilities Planning

... copies of any staff certifications or degrees applicable to this project ...

Included is a copy of Christina Schessler's (*lead architect*) Registration & Authorization Certificate to provide Architectural Services in West Virginia (Certificate Number 3810), followed by her specialized LEED AP BD+C Certificate.

In addition, a listing of all the professionals' degrees and licenses, as well as copies of other Professional's certificates, are found in our answer to "*Qualifications, Experience, and Past Performance - Part 3.2.*" Moreover, copies of our Firms' various certifications and licenses are found on the upcoming pages.

The West Virginia Board of Architects

certifies that

Christina Schessler

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

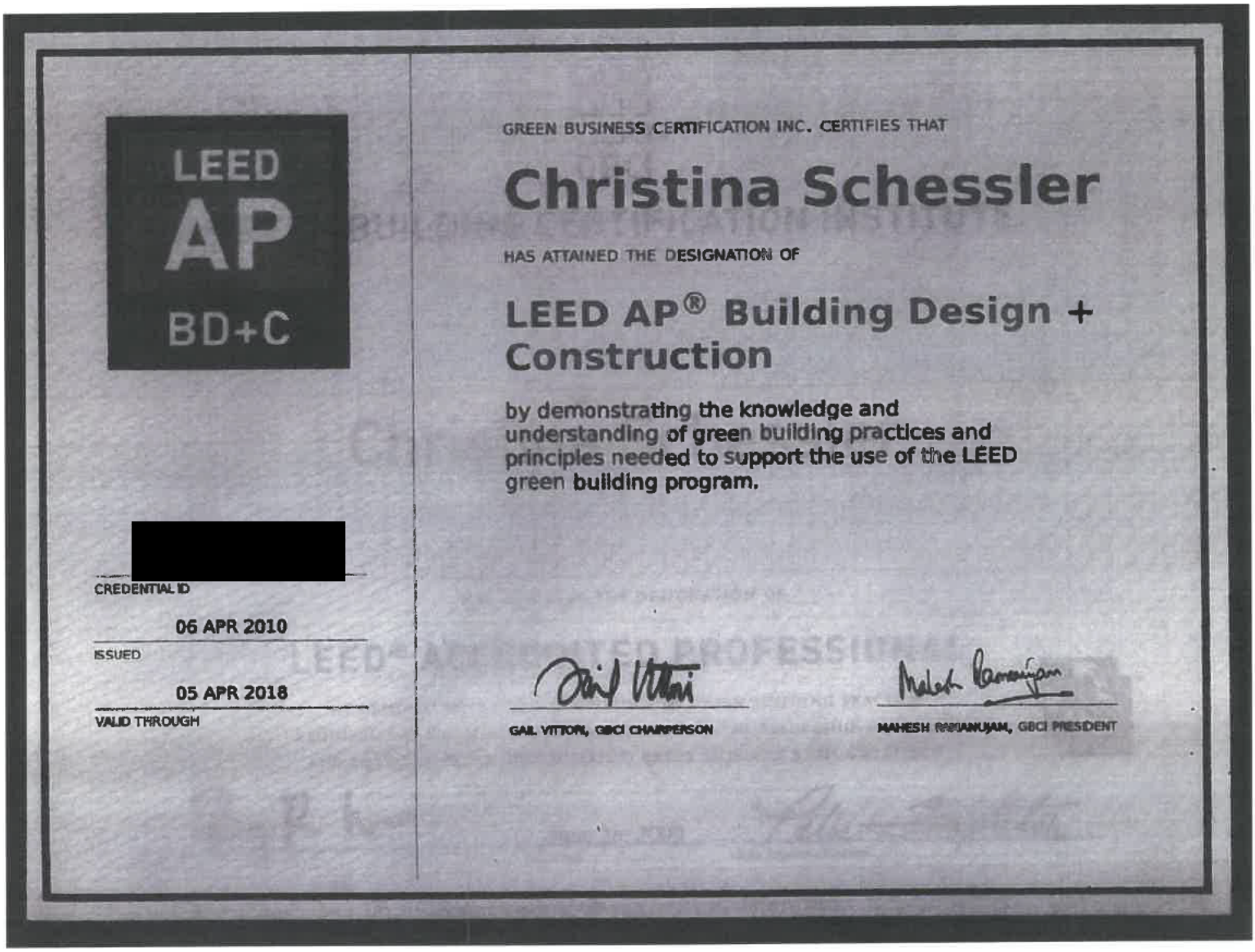
Certificate Number

[redacted]

The registration is in good standing until June 30, 2022.

STATE OF WEST VIRGINIA

Emily Papadopoulos
Executive Director



LEED AP BD+C

GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

Christina Schessler

HAS ATTAINED THE DESIGNATION OF

LEED AP® Building Design + Construction

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED green building program.

[redacted]
CREDENTIAL ID

06 APR 2010
ISSUED

05 APR 2018
VALID THROUGH

GAIL VITTORI, GBCI CHAIRPERSON

MAHESH RAMANUJAM, GBCI PRESIDENT

BOOK 66 PAGE 793

State of West Virginia

CERTIFICATE

I, Ken Hechler, Secretary of State of the State of West Virginia, hereby certify that

by the provisions of Chapter 31, Article 1, Sections 27 and 28 of the West Virginia Code, the Articles of Incorporation of

McKINLEY & ASSOCIATES, INC.

conform to law and are filed in my office. I therefore declare the organization to be a Corporation for the purposes set forth in its Articles, with the right of perpetual existence, and I issue this

CERTIFICATE OF INCORPORATION

to which I have attached a duplicate original of the Articles of Incorporation.

Given under my hand and the Great Seal of the State of West Virginia, on this

FIFTEENTH *day of*

DECEMBER *19* 89

Ken Hechler

Secretary of State.

State of West Virginia

Certificate

I, Natalie E. Tennant, Secretary of State of the State of West Virginia, hereby certify that

MCKINLEY & ASSOCIATES, INC.

was incorporated under the laws of West Virginia and a Certificate of Incorporation was issued by the West Virginia Secretary of State's Office on December 15, 1989.

I further certify that the corporation has not been revoked by the State of West Virginia nor has the West Virginia Secretary of State issued a Certificate of Dissolution to the corporation.

Accordingly, I hereby issue this

CERTIFICATE OF EXISTENCE

Validation ID:0WV3W_CQTDH

Given under my hand and the Great Seal of the State of West Virginia on this day of October 27, 2015

Natalie E. Tennant

Secretary of State

Notice: A certificate issued electronically from the West Virginia Secretary of State's Web site is fully and immediately valid and effective. However, as an option, the issuance and validity of a certificate obtained electronically may be established by visiting the Certificate Validation Page of the Secretary of State's Web site, https://apps.wv.gov/sos/businessentitysearch/validate.aspx entering the validation ID displayed on the certificate, and following the instructions displayed. Confirming the issuance of a certificate is merely optional and is not necessary to the valid and effective issuance of a certificate.

WEST VIRGINIA
STATE TAX DEPARTMENT

BUSINESS REGISTRATION CERTIFICATE

ISSUED TO:
MCKINLEY & ASSOCIATES INC
32 20TH ST
WHEELING, WV 26003-3750

BUSINESS REGISTRATION ACCOUNT NUMBER: **1040-9524**

This certificate is issued on: **06/28/2011**

This certificate is issued by
the West Virginia State Tax Commissioner
in accordance with Chapter 11, Article 12, of the West Virginia Code

The person or organization identified on this certificate is registered to conduct business in the State of West Virginia at the location above.

This certificate is not transferrable and must be displayed at the location for which issued.

This certificate shall be permanent until cessation of the business for which the certificate of registration was granted or until it is suspended, revoked or cancelled by the Tax Commissioner.

Change in name or change of location shall be considered a cessation of the business and a new certificate shall be required.

TRAVELING/STREET VENDORS: Must carry a copy of this certificate in every vehicle operated by them. CONTRACTORS, DRILLING OPERATORS, TIMBER/LOGGING OPERATIONS: Must have a copy of this certificate displayed at every job site within West Virginia.

atL006 v.4
L0539442304

CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

The West Virginia State Board of Registration for Professional Engineers having verified the person in responsible charge is registered in West Virginia as a professional engineer for the noted firm, hereby certifies

MCKINLEY ARCHITECTURE AND ENGINEERING, INC
C00366-00

Engineer in Responsible Charge: TIM E. MIZER - WV PE 013169

has complied with section §30-13-17 of the West Virginia Code governing the issuance of a Certificate of Authorization. The Board hereby notifies you of its certification with issuance of this Certification of Authorization for the period of:

January 1, 2022 - December 31, 2023

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE. PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.

IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

Scott E. Thomas Jr.

BOARD PRESIDENT

... proposed staffing plan ...

The work to be performed by your design team is very clear; **to evaluate, prioritize and design within budget and schedule to meet the needs of the West Virginia Schools for the Deaf and the Blind. McKinley Architecture and Engineering have worked with you before, and we know the McKinley Team possesses the required expertise to address all facets of your projects**. We are available to start **immediately** upon our being selected, and the McKinley Team is available to dedicate the necessary personnel, effort, and hours to complete your projects on time.

The most important element of the entire process becomes **communication** from you to our designers. We use and welcome your input throughout the project. We continually achieve success in projects by maintaining **time and cost management, quality control and excellent communication** amongst the client and contractors.

You will see in this submittal that we have included several professionals to **handle multiple projects simultaneously.** No project is too large or small; we have designed projects ranging from a few thousand dollars to multi-million dollar projects. We have multiple open-ended contracts - and **contracts for multiple projects for a single Client** - and therefore it is a major part of the overall business strategy of McKinley Architecture and Engineering to obtain these contracts, then have our professionals handle the projects involved in the contracts, and to successfully deliver these projects to our Clients. Our "in-house" registered professional architects and engineers work together everyday and have done most of the projects here as a group, which gives us the ability to develop quality construction documents that an architectural firm without engineering discipline in-house just cannot match. All of our Engineers are involved in virtually every project, along with an Architect, and a Construction Contract Administrator. All projects are unique and will vary according to the goals of the clients. During all phases of design, we will hold design workshops and drawing reviews **with you** to get your input and make the appropriate changes. We work with you to get the critical information needed to achieve a design that meets your goals and objectives. Also, during the construction, our Construction Contract Administrators will monitor the contractor's progress to ensure that they are following the Construction Documents.

Our Philosophy is to provide our clients with **experienced leadership** as well as **state-of-the-art and innovative design expertise** to accomplish the goals of your projects. **Function, economics** and **versatility**, in addition to the development of **strong aesthetic appeal**, are crucial elements in our design process. We also believe that enhancement of the physical environment in which each individual lives and works should add significantly to the enjoyment of life. **Our firm has dedicated our professional skills to attain these goals.** Buildings designed today will need to meet the demands of the future; McKinley Architecture and Engineering identifies the changes necessary in the design of today and to meet these demands. This approach helps to retain the buildings' long-term profitability and value, which achieves the buildings' sustainability. We approach 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, governmental,** commercial and institutional project experience, the McKinley Team can provide sustainable design and construction guidance to your project.

We also know the new technology and we know how and when to apply it effectively. Our Architects and Engineers have been on the cutting edge of efficient design for years; we designed the first LEED Certified School in WV, the newest technologies in HVAC systems (from chilled beam to VRFs, etc.), and a higher educational building with all LED interior and exterior lighting for the same cost as conventional florescent lighting, just to name a few. We have also created flex space so buildings can be expanded in the future. We have a **LEED Accredited Professional** and **3 LEED Accredited Professionals specializing in Building Design & Construction** who can help choose energy efficient solutions such as lighting fixtures

which use less electricity, low maintenance materials, locally sourced materials, and much more. Our design team will also strive to achieve the best overall indoor air quality; studies have shown that it not only has health benefits but also enhances the working and learning environment. To achieve this our team pays careful attention to the **windows, doors,** and exterior enclosure to eliminate water penetration and minimize air leakage, specifies systems and materials that limit the pollutants from entering the building, and our HVAC engineers control the quality and quantity of fresh air into the building maximizing the air quality and energy efficiency. We offer thoughtful design options that enhance the space, protect the environment, and meet the budget constraints.

Our experiences and approach to design requires a dialog with the Owner and the end users of the facilities. Throughout the design process, we hold design workshops to get the critical information needed to achieve a design that meets your needs and budget. We do not only depend on our experience, but on the day to day experiences of those who use the building. We have found that this **hands on approach** allows us to focus on your needs and desires and to achieve a better outcome for our client.

For each project, we will work with you to determine a reasonable completion date and work back from that point. After allotting enough time for bidding construction, we will divide the remaining time into the schematic, design development, and construction document phases of the project; allowing time for Owner's review. Christina Schessler, your Project Manager, along with support staff, will track and manage the planning and design discussions and decisions throughout the project from inception to completion. Ms. Schessler will coordinate project-related tasks and progress, performs code reviews and writes the project specifications. We will utilize our various documents we have created, such as our Project Phase Responsibility Matrix, RFI Log, Submittal Log, and Project QA/QC Checklist documents.

We begin with an **initial team meeting** to open up a dialogue. The McKinley Architecture and Engineering professionals will sit down with the **West Virginia Schools for the Deaf and the Blind representatives** to establish scopes of work and definite schedules. Buildings investigations, testing, surveys and research usually occur before the design phases start. Once clearly defined, a project moves into design. McKinley's Project Manager (Christina Schessler) documents discussions and design decisions. She will coordinate project related tasks, code reviews or product demonstrations. You will also have the ability to review the plans and specifications at different completion percentages of the development phase. Additionally, at our regularly scheduled weekly project meetings the entire design team is constantly reviewing the process to discuss **your project, the budget, schedule and quality assurance.** We provide Documented Minutes of all of our meetings; moreover, so that we meet your objectives and requirements, **we encourage the West Virginia Schools for the Deaf and the Blind to participate in these meetings.**

The Project Manager is responsible for developing the **project schedule and monitoring project progress.** Deadlines are established for each **design phase: programming, schematic design (SD's), design development (DD's) and construction documentation (CD's).** The **schedule** needs to be based on the WVSDB's occupancy goals. In-house meetings are held to **review the design in each phase and also between phases** especially when changes are made to the design that will impact any of the engineering disciplines. In-house notes are kept by attendees for later review. **We encourage you to participate in these meetings.** 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. **Prior to the completion of each design 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 specifications for

Peer Review

internal coordination; cost effectiveness of the design; drawing accuracy; and compliance with appropriate codes and client standards. Also during design, services include material selection for durability and aesthetics, detailing for longevity, training for proper maintenance, equipment location for easy access, **equipment warranties & roof warranties**, and lastly, a commitment from the Board to abide by each manufacturer's cyclical regimen for long term warranties. Each of these requires a **discussion between the Board and design professional during the design phases.**

After conclusion of the design phases, McKinley Architecture and Engineering will prepare Final Construction Plans and Specifications and a final cost estimate for all aspects of the project. We will also submit necessary applications for jurisdictional permitting to allow construction. We will assist in bid preparation and selection, and upon contract award provide construction contract administration.

During construction, our **Construction Contract Administrators** have an extra responsibility than what most firms' Construction Administrators have; our CAs are a part of the design process from **Day 1** (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project and why certain design decisions were made; this helps with in-field/ on-site decisions. Our CAs have an important role as being the **liaison between the Owner, Contractor, and Architect/Engineers.** 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.**

Bob Smith, your Construction Contract Administrator, will **be on site** and evaluate the quality of the work to verify that it meets the level you require; in addition, he will monitor the contractor's progress to ensure that they are following the Construction Documents. The CAs **observe the construction progress,** are responsible for all construction meetings and minutes, and they verify pay application and change orders. Our CAs review payment requests and assembly of the project close-out documents. In addition, they also initially review change orders and contractor's cost proposals. The Construction Contract Administrator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.

Also during the construction, the processing of shop drawings and submittals will be controlled and monitored by the Project Manager, and includes the receipt, logging, review and return of submittals. Urgent items can often be expedited to satisfy the construction schedule. The design professionals review all submittals, clarification requests and issue sketches and bulletin drawings. The design professionals also review and approve final change orders and contractor's cost proposals. Architects and engineers perform their own final inspections in addition to periodic site visits to confirm compliance with bid documents.

Furthermore, after the construction is completed, 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 Architecture and Engineering has been performing our eleven month walk-through as part of our Standard of Care; long before it was adopted as an AIA 101 Standard. We also conduct Post Occupancy Evaluations with the Owner to find out how well we matched your needs.

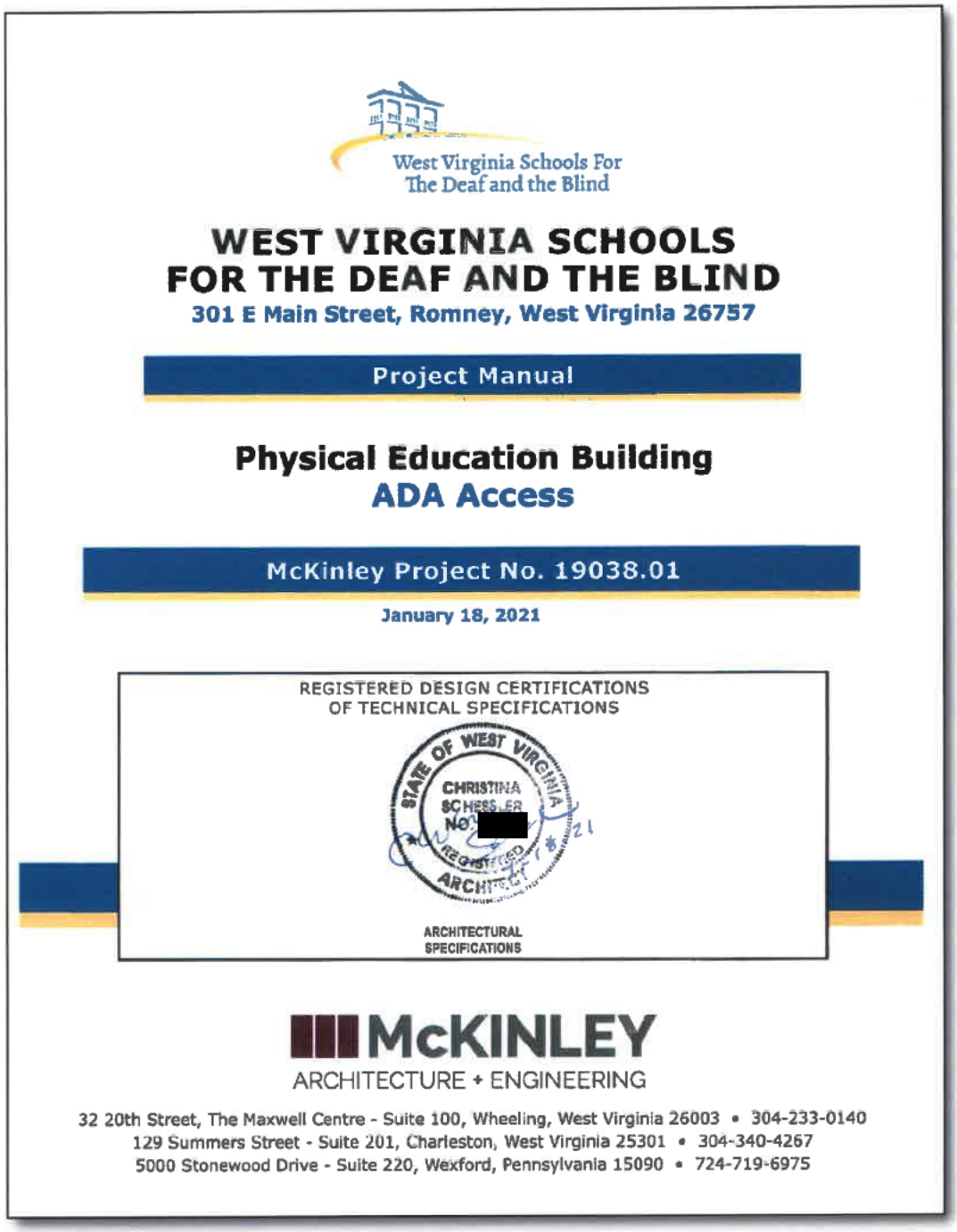
We are confident that McKinley Architecture and Engineering has the talent and technology needed to make these projects successful.

Qualifications, Experience, and Past Performance

... Descriptions of past projects completed entailing the location of the project, project manager name and contact information, type of project, and the project goals and objectives and how they were met.

On the following pages are examples of relevant projects McKinley has completed.

Furthermore, McKinley has worked with you, the **West Virginia Schools for the Deaf and the Blind**, on a few projects recently, including your **10-year Comprehensive Educational Facilities Plan (CEFP 2020-30)**, **Campus Wide Access Safety, Administration Bldg Assessment,** and **this Physical Education Building.**



West Virginia Schools For
The Deaf and the Blind

WEST VIRGINIA SCHOOLS FOR THE DEAF AND THE BLIND

301 E Main Street, Romney, West Virginia 26757

Project Manual

Physical Education Building
ADA Access

McKinley Project No. 19038.01

January 18, 2021

REGISTERED DESIGN CERTIFICATIONS
OF TECHNICAL SPECIFICATIONS

STATE OF WEST VIRGINIA
CHRISTINA SCHESSLER
NO. [redacted]
REGISTERED ARCHITECT

ARCHITECTURAL
SPECIFICATIONS

McKINLEY
ARCHITECTURE + ENGINEERING

32 20th Street, The Maxwell Centre - Suite 100, Wheeling, West Virginia 26003 • 304-233-0140
129 Summers Street - Suite 201, Charleston, West Virginia 25301 • 304-340-4267
5000 Stonewood Drive - Suite 220, Wexford, Pennsylvania 15090 • 724-719-6975

West Virginia Schools For
The Deaf and the Blind

WEST VIRGINIA SCHOOLS FOR THE DEAF AND THE BLIND

Project Manual

Campus Wide Access Safety

301 E Main Street
Romney, West Virginia 26757

McKinley Project No. 19036.01

January 18, 2021

REGISTERED DESIGN CERTIFICATIONS
OF TECHNICAL SPECIFICATIONS

ARCHITECTURAL
SPECIFICATIONS

SPECIFICATIONS

McKINLEY
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West Virginia Schools for the Deaf and the Blind

Comprehensive Educational Facilities Plan 2020-2030

Issued December 2020

McKINLEY
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32 20th Street, The Maxwell Centre - Suite 100, Wheeling, West Virginia 26003 • 304-233-0140
129 Summers Street - Suite 201, Charleston, West Virginia 25301 • 304-340-4267
5000 Stonewood Drive - Suite 220, Wexford, Pennsylvania 15090 • 724-719-6975

Roof Renovation Experience

Our firm has completed a **variety of projects,** which serve to illustrate the **creative** and **talented nature** of our professional design staff. The following examples are chosen to exhibit a partial assortment of **Roof Renovation** projects we have successfully completed:

A.I. Boreman Elementary School
A.T. Allison Elementary School
Artisan Center
Bennett Square
Brooke Primary School
Carenbauer's Distribution Warehouse
Catholic Heritage Center
Center McMechen Elementary School
Elm Grove Elementary School
Flatwoods Elementary School
Ft. Henry Building
Grave Creek Mound Museum
Harrison County Courthouse
Jefferson Co. Dept. of Job and Family Services
Jefferson County Justice Center
John Marshall High School
Lincoln National Bank
Madison Elementary School (Ohio Co)
Madison Middle School (Boone Co)
Magnolia High School
Martin Luther King, Jr. Recreation Center
Maxwell Centre
McNinch Elementary School
Middle Creek Elementary School
New Manchester Elementary School
Oak Glen High School
Ohio County Justice Center
Orrick's Global Operations Center
Presbyterian Church of Cadiz
Scott High School gym
Sistersville Elementary School
SWVCTC - Williamson Campus
Steel Valley Regional Transit Authority
Steenrod Elementary School
Steubenville Justice Center
Stifel Fine Arts Center
Sutton Elementary School
The Towers Building in Steubenville
Tucker County BOE Office
Tyler Consolidated MS/HS
Union Educational Complex
USPS - multiple projects
Vertical Farm
Wagner Building
W&J College – Old Main Building
Washington Lands Elementary School
WLU – College Union Bldg.
West Virginia Independence Hall
WVNCC - B. & O. Building
WVNCC – Education Center
WVSP – multiple projects
WVU – Colson Hall
WVU – Stalnaker Hall
WVU IOT - Maclin Hall
Wetzel Co. Center for Children and Families
Wheeling Dollar Bank
Whg Island Casino Fairgrounds
Willow Glen Mansion
Wilson Lodge pool room
(and much more)

Hampshire County Schools
Animal Vet Center & Pre-Bond Services

Hampshire County, WV - county-wide

Owner
Hampshire County Schools

Project Architects-Engineers
McKinley Architecture and Engineering

McKinley Architecture and Engineering recently completed Pre-Bond Services that lead to the successful bond passage for Hampshire County Schools, by over 60%. The bond total was for $26 million and when combined with funding from the School Building Authority the total will be $50 million. The planning is for 3 new elementary schools.

In addition to the Bond, we also designed their **new Hampshire County Animal Veterinary Research Science Center to support the County's awards-winning Animal Systems programs.** This is a **4,800 SF specialized facility** that includes a **classroom for 24 students, biology lab, surgery room with pre and post-op spaces, grooming/bathing room, dog room with 6 indoor/outdoor kennels connected by dog doors, cat room with 3-tiered modular suites, laundry, instructors office, showering & restrooms facilities, specialty HVAC, life safety compliance, landscape design, interior design, programming, electrical, plumbing, sprinkler and fire alarm, utility improvements, and a 16' long display case for awards and recognition student achievements.** This is utilized by the **Hampshire County Career Training Center** and **Hampshire Senior High School** where **students are provided the opportunity to receive job training while in school.** The students are more prepared to enter the work force or continue their education in the related field of study. This also holds a Veterinary Assistant trade school training program which is a welcome addition to their current program, and is the first of its kind in the State. Students are now afforded the opportunity to work in a comprehensive animal and veterinary science facility where real animal studies will be conducted using current animal advancements. This includes, but not limited to: surgery, anesthesiology, ultrasound, urinalysis, fecal analysis, hematology, microbiology, genetics and reproduction technologies.

The main purpose of this Building Project was to give a new "home" to an already engaged community of students within this program of study; therefore, the input of the building occupants (teachers and students) was taken into much consideration and provided much usable information for helping set the building parameters. First, we were to achieve a building with **stand alone HVAC systems divided by occupancy (animal, veterinary care, and classroom/lab) while also meeting building code requirements regarding ventilation and exhaust rates.** This requirement was met with **energy efficient solutions,** while also meeting the required ventilation and exhaust rates by integrating smart control systems with built-in overrides for occupancy of students and animals housed within the building. Secondly, the building was to be constructed for **durability and ease of use** while also giving a sense of pride in ownership. The first step in meeting this requirement was recommending the **most functional site placement** not only for visibility but **also ease of travel path within the existing infrastructure confines.** Equally important was the transition space between the existing facilities and this building. Once inside we were able to achieve the ease of use by "toughening" the finishes within the animal occupied areas and locker/shower facilities with building products designed for durability and sterilization processes. The classroom/lab space was also designed with longevity and durability in mind, but with the feel of a more traditional and warm environment. Finally, we were challenged to provide an extremely safe building environment for animal/student/and teacher. **By early communication with all project personnel (facility, administration, and staff/student) we were able to bring together a design and program for the building that would best fit the end users while also balancing all the requirements of the project.**

McKINLEY
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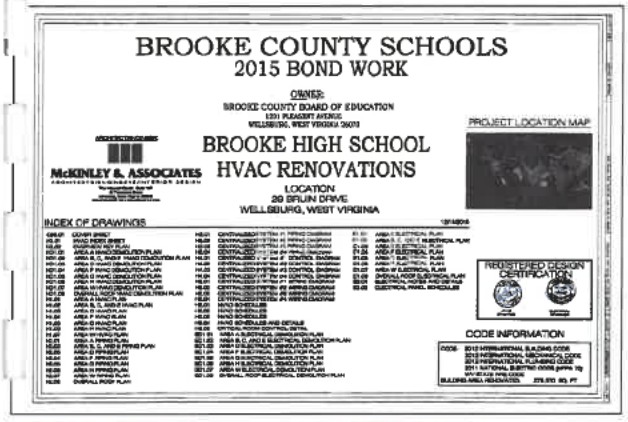
Brooke County Schools
County-Wide Projects

Brooke County, WV - county-wide

Owner
Brooke County Schools

Project Architects-Engineers
McKinley Architecture and Engineering

McKinley Architecture and Engineering has completed **multiple projects** over the years for Brooke County Schools. We just had two projects that recently completed construction (a new Middle School and Brooke High renovations), which were a part of a $36 million District-Wide construction program (funded with a $18 million local bond vote supplemented with matching $18 million from the WV School Building Authority). The Bond Levy was passed in the November 2014 election; this bond call is a result of the **Comprehensive Education Facilities Plan** (CEFP) that was developed by McKinley Architecture and Engineering. We also have an Open-End Contract for implementing projects which resulted from that CEFP. In addition to the 2 project examples below, we have also recently worked on additional projects county-wide, including **windows and doors, roof replacements,** and much more.


BROOKE COUNTY SCHOOLS
2015 BOND WORK

OWNER:
BROOKE COUNTY BOARD OF EDUCATION
1311 PLEASANT AVENUE
WELLSBURG, WEST VIRGINIA 26070

McKINLEY & ASSOCIATES

BROOKE HIGH SCHOOL
HVAC RENOVATIONS

LOCATION
29 BRUIN DRIVE
WELLSBURG, WEST VIRGINIA

PROJECT LOCATION MAP

INDEX OF DRAWINGS

REGISTERED DESIGN CERTIFICATION

CODE INFORMATION

The **$5+ million HVAC renovations/upgrades** for **Brooke High School** involves the removal of the existing hydronic heat pump system equipment and replace such with new Variable Refrigerant Flow (VRF) Systems, the removal and replacement of several rooftop units with new Energy Recovery Units with Gas Fired Heating, replacing the existing Make Up Air Units with new MAUs, and replacing several indoor air handling units. There will be alterations and reconfigurations to the existing ceiling ductwork for the installation of the new VRF Units, minimal ceiling work to accommodate the new VRF Systems, and minor piping modifications. The renovation package will also include HVAC control modifications, exhaust fans, exhaust valves, louvers and gravity ventilators, grilles, register, and diffusers, new gas piping and painting, electrical modifications, and more. There will be testing, adjusting, and balancing of the installed equipment. This **278,670 SF** project was designed with **energy efficiency** in mind; the VRF system to cool/heat the building has an anticipated cost reduction of 30% compared to the existing mechanisms. **The entire work was less than 1% in total non-elective change orders!**

Furthermore, the **new $30 million Brooke Middle School** is a **115,000 SF building** which replaces of all of the county's middle schools (2 existing middle schools were both over 85 years old, have asbestos, and were in need of major repairs), with a new combined facility. **We assisted with site selection adjacent to existing Brooke High School on the same campus.** Project was designed with **building information modeling (BIM).** The new school planning was developed for a design enrollment of **970+ students** in **5th-8th grades** in a **2-story structure** (grade 5 occupies a separate wing on the 2nd floor). BMS is equipped with dozens of classrooms, **special education and related rooms (ie: sensory room),** media center/library, collaborative learning & STEAM technology labs, multiple science labs, large gymnasium, all purpose gym/ performance area that can be converted to extend the music room, and 21st-century infrastructure to enable technology instruction and application. The collaborative learning spaces and music/band rooms have operable acoustical glass and electronically operable acoustic steel panel partition systems, to add **flexibility, aesthetics**, to **maximize acoustics** in the areas, as well as **create sound separation for the adjacent rooms. Safety** features include secured access points, individual lockdown zones, and polycarbonate (shatterproof) windows to name a few. There are multiple **"High Performance School" components and healthy / sustainable "energy efficient" design elements** incorporated throughout, such as a VRF HVAC system with an anticipated cost reduction of 30%, this is the 1st school in WV with all LED interior and exterior lighting, and much more. **This project had a net negative amount in change orders!**

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Hancock County Schools
County-Wide Projects

Hancock County, WV - county-wide

Owner
Hancock County Schools

Project Architects-Engineers
McKinley Architecture and Engineering

Coordination Architect
Gregg P. Dorfner, AIA, REFP

McKinley Architecture and Engineering has completed over $71 million in projects over the years for Hancock County Schools (HCS). Most recently, multiple projects were just completed as a part of a **$56 million District-Wide Construction Program** (funded with a $37 million local bond vote supplemented with $19 million from WV School Building Authority). The Bond was passed in the November 2010 election. This bond call is a result of the **Comprehensive Education Facilities Plan** (CEFP) that was developed by McKinley Architecture and Engineering. We also have an Open-End Contract for implementing projects which resulted from that CEFP. The District-Wide Construction Program projects include a new Weirton Elementary School ($26.5 million), A.T. Allison Elementary additions and renovations ($5.3 million), New Manchester Elementary additions and renovations ($6.2 million), Oak Glen Middle wrestling room ($784,675), Oak Glen High renovations ($1.7 million), Oak Glen High Stadium ($4.63 million), Weir Middle School renovations ($669,486), Weir High renovations ($2.4 million), Weir High Stadium ($4.8 million), Senator John D. Rockefeller IV Career Center HVAC project ($1.1 million), and 3 demolitions. The Program recently wrapped up with the 3 elementary school demos. **Projects included similar scope, such as windows and doors, roof replacements, meeting codes, and much more. The entire work was less than 1% in total non-elective change orders!**

One of the District-Wide Construction Program projects, the **new $26.5 million** Weirton Elementary School for grades PK-4 replaces Weirton Heights, Liberty, and Broadview Elementary Schools. We incorporated multiple **energy efficient "green"** components into this 105,000+ SF building. These include high efficiency boilers, energy recovery wheel, desiccant wheel, chilled beam system, Variable Frequency Controllers to reduce fan energy, low flow plumbing fixtures, energy monitor on the main electrical gear, dimmable lighting with occupancy sensor control, and T-5 & T-5 HO fluorescent bulbs used as primary light sources throughout school to name a few. This was the largest elementary school designed in the State of West Virginia. Construction was completed **on-schedule** by the start of the 2014-15 school year. **All of this has been completed with less than 1% in total on-elective change orders!**

Another project was the New Manchester Elementary School in New Cumberland, West Virginia, we completed a 9,981 SF **addition** as well as a **renovation** of 31,479 square feet at the school. The **renovations** included a **major school-wide life safety upgrade** which included a **exterior site and building lighting, electrical and data wiring upgrades, fire alarm replacement, the addition of egress corridors, a redesigned secure main entrance, new security windows and curtain wall, new exterior doors, security cameras, fully sprinklering the building,** and more. There was also the **complete replacement of HVAC systems** which includes the addition of cooling, **new drop ceilings, new lighting, new roof, downspouts, new playground, new restrooms and fixtures, new floors, new paving and parking lot with 59 spaces, site drainage, landscaping, bollards, joint sealing, elevator, and asbestos abatement.** The building **addition** included a new pre-kindergarten wing with 3 carpeted classrooms and 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 building addition. **The new MEP systems were extended to this new addition.**

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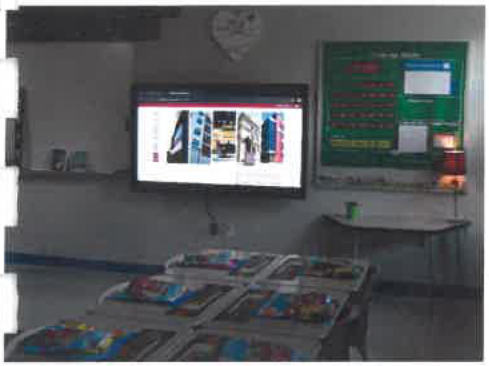
Harrison County Schools
County-Wide Projects

Harrison County, WV - county-wide

Owner
Harrison County Schools

Project Architects-Engineers
McKinley Architecture and Engineering



The **new Johnson Elementary School** for **Harrison County Schools** in **Bridgeport, West Virginia,** is a **66,000 SF** building that accommodates over 600 students. The project was designed with **Building Information Modeling (BIM)** to minimize change orders.

This school is located on a restricted and tight site on their existing campus, so the building, student drop-off road, bus loop, and parking **all had to be planned carefully to fit the site.** The school was also being built in a flood plain; after negotiations with FEMA the building was **designed with the foundations raised about 7' to accommodate to bring the new school and above the flood plain.** Because of this, a **2-story school** was designed; classrooms for Pre-Kindergarten thru 1st grade are on the ground floor, and 2nd thru 5th grades on the second floor.

The building was placed on the site for optimum **daylighting** and the potential for future expansion. Insulated concrete forms were used for the exterior walls and the interior bearing walls. The exterior of the building is a brick veneer with fiber cement panels.

The school is comprised of 28 classrooms, special education, computer labs, music, media, large training room, administrative offices, health and nurses rooms, a large gymnasium, cafeteria with a stage, and kitchen. There are Promethean touchscreen interactive whiteboards in every classroom. A **unique feature** is a timber pedestrian "covered bridge" that connects the two second floor classroom wings. The bridge is a wooden replica paying homage to covered bridges in West Virginia, especially the Simpson Creek covered bridge that sits just outside the city limits.

The building is designed with **advanced safe school features** including security vestibule or man-trap at the main entrance, layered security zones, hardened construction, a video surveillance system, exterior site and building lighting, and more.

Johnson Elementary was designed as **Collaborative for High Performance School (CHPS),** and also received an **ENERGY STAR Rating of 90, which means it is in the Top 10% of the most efficient Schools documented in the U.S. Environmental Protection Agency's ENERGY STAR program!** We designed multiple **"High Performance School"** components, such as natural daylighting, good indoor air quality, and thermal control of each classroom. This was named **NCWV Media's Public Project of the Year.**

We are now working on their Gore Elementary School addition/renovation, and a new Lost Creek Elementary School.

McKINLEY
ARCHITECTURE + ENGINEERING

Marshall County Schools
County-Wide Projects

Marshall County, WV - county-wide

Owner
Marshall County Schools

Project Architects-Engineers
McKinley Architecture and Engineering

We completed almost **$80 million** in projects **over the past 10 years** for Marshall County Schools (MCS); there were many projects that included **roof replacements, door and windows, gymnasiums,** etc. The MCS projects include, but are not limited to, the new Hilltop Elementary ($8.4 million), the new Cameron High ($32 million), Cameron Elementary ($960,000), Monarch Stadium master plan, Central Elementary ($3.3 million), Washington Lands Elementary ($793,500), McNinch Elementary ($4.1 million), Parkview conversion ($278,000), Moundsville Middle ($504,080), Sherrard Middle ($3.1 million), Cameron Field House, John Marshall High chiller and roof, JMHS Field House ($4.1 million), JMHS baseball field flood study, Sanford demolition, Moundsville Junior High demolition ($230,000), and more. Some of these were a part of a Bond; these projects alone cost $38+ million. We also completed their Comprehensive Educational Facilities Plans (CEFP 2010-2020 and 2020-2030), and had an Open-End Contract for implementing projects which resulted from the CEFPs.

One project was the **$703,912 roof replacement project for the Washington Lands Elementary School** which included **42,725 SF** of existing roof demolition and hazardous material abatement, and replacing it with a **single-ply fully adhered membrane system** (TPO membrane system over 1.5" min. tapered insulation which includes flashing/sealants). The **demolition** included the removal of existing roof system and insulation down to the existing metal deck, disconnecting and removing of all piping, blocking, coping, joints, drains, etc. **In addition to the new membrane roof system,** there was **extending vents and piping to accommodate new insulation thickness, curbs to accommodate the new thickness, resilient roofing expansion joint sealant, 953 LF of new metal coping, 604 LF of walkway pads, 321 LF of 6" diameter cast iron pipe with 66 pipe hangers, 8 single-unit domed roof drains with underdeck clamps, 7 combination roof and overflow drains with underdeck clamps, 2 downspout nozzles, 8 emergency overflow scuppers, 4 scuppers with downspouts,** etc. There was **storm plumbing that involved cleanout, downspouts, piping expansion, storm line connections, new roof drains and connecting to new and existing rainwater conductors,** etc. Some accessories were kept for after completion of the re-roofing work, and then reinstalled, such as 200 linear feet (LF) of existing 4" diameter PVC piping.

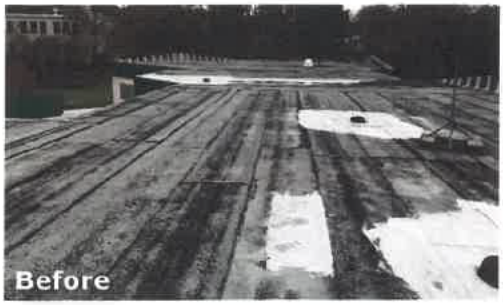
Another project was the **47,423 SF roof replacement** at **McNinch Primary School** which included the **removal & replacement of the existing roofing/ insulation system with non-ballasted EPDM over Iso.** This single ply fully adhered membrane system, over tapered 3" rigid insulation premium (7.5" average thickness), includes all cants, flashings, saddles, etc. on the main building. There was a galvanized metal roof deck installed for structural support for the new HVAC unit. The **6,307 SF roof expansion** included the removal & replacement of existing expansion joint system with EPDM-compatible "soft" joint; selective undefined removal/replacement of existing drainage elements such as roof drains. This single ply fully adhered membrane system over 2" minimum roof insulation was a sloped roof structure for drainage at the addition. **At both roofs,** there was new pre-finished aluminum copings and fascia, flashings and sheet metal, scuppers with downspouts, drains and piping, metal decking, an insulated roof hatch, walk pads for maintenance, perimeter blocking, and a roof access ladder.

Ohio County Schools
County-Wide Projects

Ohio County, WV - county-wide

Owner
Ohio County Schools

Project Architects-Engineers
McKinley Architecture and Engineering



Throughout the years, we have completed **several projects** for Ohio County Schools; including **renovations, additions, upgrades, roof replacements, risk assessments, safety and vulnerability studies, evaluations and inspections, major infrastructure projects**, as well as their **10-year Comprehensive Educational Facilities Plans.**

For the May 8, 2018 election, McKinley completed Pre-Bond Services that lead to the **successful bond passage by 62%. This bond call is a result of that CEFP 2010-2020 that we developed.** The bond will provide **improvements to all the facilities within Ohio County Schools.** The bond total was for $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. Our Pre-Bond planning for the **13 school renovations (18 total projects)** included programing, budget estimates, renderings and project boards, marketing material, attendance to public meetings, and organizing one last public informational meeting to help rally the voters to vote "Yes!". The long list of construction projects is expected to take about three years to complete. Most of the school will receive **classroom renovations/additions, safety and security upgrades, HVAC and lighting upgrades, code compliance,** and more. There are also **new roofs, bleacher replacements, cafeteria additions, fire alarms, accessibility improvements, bus and drop-off upgrades,** and much more.

We recently completed the **roof replacements** at both **Steenrod Elementary School** and **Elm Grove Elementary School.** The roofs were too old, past their warranty, and leaking. We replaced the failing SBS roof systems, with 20yr EPDM roof systems. These were **fast-tracked projects**, the **designs were completed in 2 months**, and the construction was completed during the summer of 2019, and were **finished ahead of schedule** - well before the start of the 2019-20 school year. These projects had zero and negative change orders!

Steenrod Elementary School included over 19,000 SF of roofing demolition and replacement, along with metal roof edge replacement, roof protection pads. The contractor was Kalkreuth Roofing & Sheet Metal, Inc.

Elm Grove Elementary School included 38,000 SF of roofing demolition and replacement, along with metal roof edge replacement, roof protection pads, modification to the existing roof drainage system, a new access hatch and access ladder. The contractor for this roof was N.F. Mansuetto & Sons, Inc.

McKINLEY
ARCHITECTURE + ENGINEERING

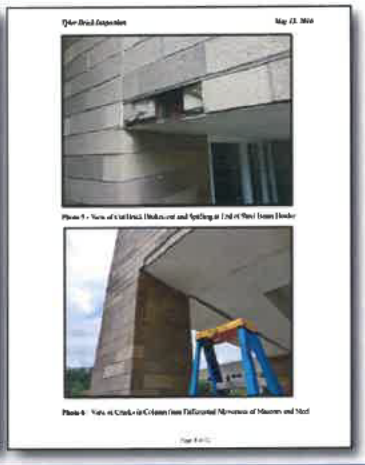
Tyler County Schools
County-Wide Projects

Tyler County, WV - county-wide

Owner
Tyler County Schools

Project Architects-Engineers
McKinley Architecture and Engineering

Coordination Architect
Patrick J. Rymer, AIA, ALEP/CEFP



McKinley Architecture and Engineering has an **on-going relationship with Tyler County Schools**, and we have completed **multiple projects** for them **since 2003**, including their **10-year Comprehensive Education Facilities Plans (CEFP 2010-20 and CEFP 2020-30), various renovations, HVAC upgrades, School Access Safety project,** and more. **We also have a 5-year open-ended contract for implementing projects which resulted from that CEFP, as well as for other projects.** Some projects were A.I Boreman Elementary School HVAC repairs and upgrades, Bus Maintenance Garage, Sistersville Elementary School HVAC repairs and upgrades, Tyler Consolidated HVAC upgrades, and Tyler County Pre-K HVAC repairs and upgrades to name a few.

For one project, we completed a $100,000 **Board of Education Administrative Office Renovation Project** which consisted of renovations and additions to existing district building for purpose of relocating district offices from existing schools in accordance with the district's CEFP which was developed by McKinley Architecture and Engineering. Work included **interior renovations, HVAC, electrical and plumbing improvements.**

In addition, we completed a **County-wide School Access Safety Project.** 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 **window replacements, door 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. Site egress and vehicular safety bollards were also added. A new "mantrap" and automatic **ADA** door operators were also included in upgrades.

Another project is the Tyler Consolidated Middle School/High School **Envelope and Masonry Corrections** project. McKinley Architecture and Engineering has actually reviewed and evaluated elements of this project since 2009, and completed an assessment and a report to help TCS get funding. For the building envelope and roof, the joist pockets at the top of the school's wall were not sealed properly during the original construction. The proposed renovation is to seal and insulate the joist pockets with closed cell spray-foam, and associated elements of the roof flashing and drainage will be replaced as required. For the masonry and structural corrections, an on-going crack and movement in exterior brick and interior masonry was noticed at the school. Our findings were that the cracks in the brick veneer were not an indication of a more systematic structural problem; however, there is a risk of brick falling above the entrance patio. Cracks observed in the wall are related to expansion and movements of the building or lack of necessary accommodations for movement. The school needs repairs for rebuilding brick columns, flashing and weep holes to eliminate cracks that increase water infiltration that lead to accelerated deterioration; rebuilding high corners of the auditorium and education building with expansion joints, repair and caulk interior block cracks; and rebuilding the exterior concrete slabs that have settled to eliminate tripping hazards.

McKINLEY
ARCHITECTURE + ENGINEERING

Wetzel County Schools
County-Wide Projects

Wetzel County, WV - county-wide

Owner
Wetzel County Schools

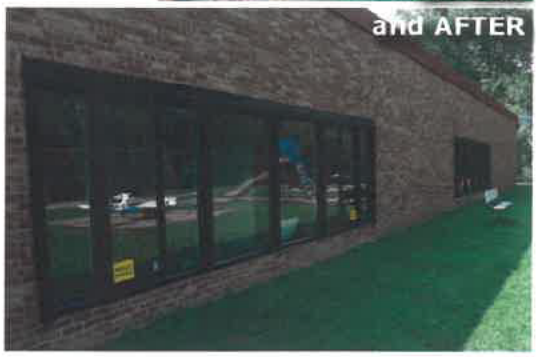
Project Architects-Engineers
McKinley Architecture and Engineering

Coordination Architect
Patrick J. Rymer, AIA, ALEP/CEFP

McKinley Architecture and Engineering has completed **multiple projects** for Wetzel County Schools over the years, including their 10-year **Comprehensive Education Facilities Plans (CEFP 2010-20 and CEFP 2020-30), additions, renovations, emergency repairs, school safety, roofs, masonry, and more. We also have a 5-year open-ended contract for implementing projects which resulted from that CEFP, as well as for other projects.** We have upgrades several schools, as well as **gymnasiums.**

For one project, we completed **County-Wide School Access Safety Plan updates** including preliminary floor plans and elevations, as well as budget estimates, **for safety and security renovations/additions to every school** in Wetzel County from **elementary, middle, high, and vocational technology facilities.** From this study McKinley Architecture and Engineering and Wetzel County has further prioritized the order of renovations, and recently completed the first few construction phases of this county-wide undertaking. **All 4 High School** (Hundred, Magnolia, Paden City, & Valley) facilities just received safety and security enhancements, including **door and window replacements with security glazing and frames, access controls, video intercom and surveillance systems, door position and latch monitoring, fire separation, vandal resistant hardware, and other security enhancements.** There were various **electrical** requirements (such as for access controls, power supply, wiring), as well as **mechanical** work (such as for duct connections at the louvers). These 4 projects were $1.25 million. Future phases of construction will include all of the above mentioned items as well as **entry mantrap additions** to other school facilities around the county.

In addition, we completed a **4 Elementary School Window Replacement Project,** $918,000 total budget, which includes replacement of all county elementary schools' aging windows [at Paden City (*seen to the right*), Long Drain, Short Line, & New Martinsville] with new units that include **energy efficient, forced entry resistant, laminated safety glazing.** Work includes fire rescue windows at schools without fire protection system and alarm notification. Buildings now meets present day **Fire & Life Safety Code Requirements.** Upgrades improved **Building Security, Energy Efficiency, and Interior Building Acoustics.** The total county window replacement project came in **on time and on budget.** For one school example, at Long Drain, we replaced single-pane windows that were mounted on the face of exterior block wall. The new window upgrades **greatly enhance the building's internal environment.**



Another project was a **$670,000 emergency parapet repair and building roof replacement project** of **Magnolia High School,** located in New Martinsville, WV. This was performed under the emergency repair portion of SBA funding. McKinley Architecture and Engineering was retained to perform the investigation, design, and construction administration of this emergency project. The failing parapet had **caused the existing roof decking and insulation to buckle and lift the existing roof membrane.** The **renovations included removal, emergency repair and replacement of 240 linear feet of failing parapet, reinforcing 1652 linear feet of existing parapet, and miscellaneous exterior safety and access improvements were also incorporated.** This roofing project included demolition and roof structure replacement of approximately **56,365 square feet** of Ballasted EPDM roof. **We replaced this system with a fully adhered EPDM roofing membrane.** The building roof was also b**rought up to current day code requirements** including the additions of Fall Protection in the form of railings along areas with existing HVAC equipment within 10' of the roof edge and also around the roof hatch. Also, the **roof drainage system was now required to include a secondary (emergency) roof drainage system.** Our in-house engineering and architectural departments performed the needed design and also oversaw the installation of this construction. **The entire construction period was performed while the school was in session and needed to maintain day to day operations.**

McKINLEY
ARCHITECTURE + ENGINEERING

Qualifications, Experience, and Past Performance

WOOD COUNTY SCHOOLS

SECURE ENTRANCE ADDITIONS

PROJECT SPECS:

PROJECT COST
$1,389,000 (TO DATE)

SQUARE FOOTAGE

DESIGN COMPLETION
JULY 2019

CONSTRUCTION COMPLETION
AUGUST 2020

SERVICES PROVIDED

ARCHITECTURE
STRUCTURAL
CIVIL
PLUMBING
MECHANICAL
ELECTRICAL
CONSTRUCTION ADMINISTRATION
PROJECT MANAGEMENT

CLIENT CONTACT

MARTIN BEST
MAINTENANCE DIRECTOR
P) (304) 420-9568
E) MBEST@K12.WV.US

Wood County Schools has been adding additional security measures to their existing buildings over the past several years to make them safer for both students and staff. Recently, they selected several schools whose main entrances were at the top of the list for needing additional security measures put in place. The schools that Wood County were identified as having the greatest need for this added security measure were: Parkersburg High School, Parkersburg South High School, Madison Elementary, Emerson Elementary, Jefferson Elementary, Criss Elementary, Greenmont Elementary, Kanawha Elementary, and Mineral Wells Elementary. The main entrances for each of these schools were re-designed to include layouts that were more aligned with the SBA safe school guidelines.

The projects included redesign of the existing main entrance areas and offices, and in some cases a small addition to gain enough space to provide the desired layout. A secure entrance area, as well as transaction windows, cameras, and additional access control devices were added at each school. These modifications provided for greater visibility and monitoring of visitors during the school day. Of the two high schools and five elementary schools whose entrances were redesigned, Wood County Schools has been able to fund and construct six of the secure entrances to date - Parkersburg High School, Parkersburg South High School, Madison Elementary, Emerson Elementary, Jefferson Elementary, and Kanawha Elementary. The other three schools will be constructed when additional funding is obtained.

Qualifications, Experience, and Past Performance

WOOD COUNTY SCHOOLS

SCHOOL BOND ROOF REPLACEMENTS

PROJECT SPECS:

PROJECT COST
APPROX $16MM

SQUARE FOOTAGE
TOTAL ESTIMATED 1,000,500

DESIGN COMPLETION
2017 - 2019

CONSTRUCTION COMPLETION
2017 - 2019

SERVICES PROVIDED

ARCHITECTURE
PROJECT MANAGEMENT
CONSTRUCTION ADMINISTRATION

CLIENT CONTACT

MARTIN BEST
MAINTENANCE DIRECTOR
P) (304) 420-9568
E) MBEST@K12.WV.US

Pickering Associates worked with Wood County Schools to develop a comprehensive plan to re-roof twenty-three of the County School buildings. After prioritizing the schools, Pickering developed drawing and specification bid packages for each facility.

The work was complete over the summers of 2017, 2018, and 2019 with multiply bid packages awarded each summer. In addition to the re-roof design work, Pickering also coordinated with a asbestos testing agency to core each roof in various locations to check for asbestos. The roof cores also served to verify existing roof insulation thickness and type of roof deck at each location.

Each year the projects were publicly bid early in the season so Wood County would receive the best pricing possible. Then all work was completed during the summer break.

The new roof systems were comprised of 90 mil EPDM with protection board under it. A 20 year warranty was specified. All roofing details were 30 year warranty details, thus the roof system should last well beyond the 20 year warranty. Pickering Associates conducted weekly site visits on each project to help ensure installation went as designed. Weekly project updates were emailed to the Owner so they would fully understand the progress. Bi-weekly job meetings were also held during construction.

Qualifications, Experience, and Past Performance

3.1. Provide the name of the firm, the contact individual and appropriate address and phone numbers. If this is a joint proposal, provide said information for each firm in the proposed team.

McKINLEY
ARCHITECTURE + ENGINEERING

Name of Firm:
McKinley Architecture and Engineering

Contact:
Ernest Dellatorre
Director of Business Development
edellatorre@mckinleydelivers.com
(304) 233-0140 x115

Addresses and Phone Numbers:
The Maxwell Centre
32 Twentieth Street - Suite 100
Wheeling, WV 26003
(304) 233-0140

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

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

PICKERING ASSOCIATES
Architects · Engineers · Surveyors

Name of Firm:
Pickering Associates

Contact:
Ryan Taylor
President & CEO / Sr. Project Manager
rtaylor@pickeringusa.com
(304) 464-5305 x1008

Addresses and Phone Numbers:
11283 Emerson Ave.
Parkersburg, WV 26104
(304) 464-5305

320 Adams St., #102
Fairmont, WV 26554
(304) 363-1004

318 Lee Street W., #200
Charleston, WV 25302
(304) 345-1811

2099 East State St., #B
Athens, OH 45701
(740) 593-3327

3.2. Qualifications for submission include listing the registered architect(s) licensed in West Virginia with documented experience in completing similar projects. Adequate documentation including the identification of specific individuals, including resumes that will be assigned to this project must be included in the proposal to ensure that this requirement has been met.

Christina Schessler, AIA, LEED AP BD+C
Thomas R. Worlledge, AIA, LEED AP BD+C, REFP
Jeremiah Hatfield, AIA, NCARB

The licenses of our West Virginia architects are seen below and on the following pages.
We have also included the Engineering license of Tim Mizer, PE, RA, QCxP (*your lead engineer*).

The resumes of your entire design team are found in the upcoming pages.
Their resumes show their documented experience in completing similar projects.

The West Virginia Board of Architects

certifies that

Christina Schessler

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number

[redacted]

The registration is in good standing until June 30, 2022.

Emily Papadopoulos
Executive Director

The West Virginia Board of Architects

certifies that

Thomas Worlledge

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number

[redacted]

The registration is in good standing until June 30, 2022.

Emily Papadopoulos
Executive Director

The West Virginia Board of Architects

certifies that

Jeremiah Hatfield

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number [redacted]

The registration is in good standing until June 30, 2022.

Emily Papadopoulos
Executive Director

West Virginia State Board of Registration for Professional Engineers

TIM E. MIZER
WV [redacted]

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES December 31, 2022

Christina Schessler, AIA, LEED AP BD+C

Senior Architect / Specialized LEED AP / Historic Preservationist

EDUCATION:

The Pennsylvania State University
Bachelor of Architecture - 1988

Savannah College of Art & Design (SCAD)
Masters Degree in Historic Preservation - 2012

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:
West Virginia
Ohio
Pennsylvania
Virginia

NCARB Certificate - 2005

LEED® Accredited Professional

Specialized Training:
AIA Safety Assessment Program (SAP)

Member:
American Institute of Architects
City of Wheeling - Planning Commission
Preservation Alliance of West Virginia
The Association for Preservation Technology International

Board Member:
Friends of Wheeling Historic Preservation Group

Treasurer:
Wheeling Collegiate Alumnae

Former Member, Board of Director, & Treasurer:
The Midwife Center for Birth & Women's Health / Pittsburgh, PA

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Wheeling, WV (2004 to present)

MacLachlan, Cornelius & Filoni Architects
Pittsburgh, PA (1999-2004)

Perfido Weiskopf Architects
Pittsburgh, PA (1996-1999)

T.L. Cox & Associates
Beaver, PA (1990-1996)

SUMMARY OF EXPERIENCE:

For over 30 years, Ms. Schessler has obtained a wide range of **Architectural** experience in educational, governmental, commercial, emergency service, forensic, medical, and residential projects. Christina is adept at developing space and utilization programs with Clients who are unfamiliar with the architectural design process. As a volunteer and as a professional, Ms. Schessler has developed several projects for non-profit agencies on limited budgets. As a **LEED Accredited Professional specializing in Building Design & Construction**, Christina will also be able to provide direction to your project to develop a design that includes energy efficiency. She completed her Masters in **Historic Preservation**, and has a passion for renovation, restoration, and modernization projects. For Independence Hall and Bennett Square, she won Heritage Tourism Awards from the Preservation Alliance of West Virginia. She has also won other design awards for WV and PA projects.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Schools for the Deaf and the Blind - Campus-Wide Access Safety, Administration Bldg Assessment, and Physical Education Building

Braxton County Schools / Fairmont State University - Braxton County High addition and renovations

Grant County Schools - Maysville Elementary renovations, Petersburg High renovations, PHS Gym renovations, & Union Educational Complex addition/renovations

Hampshire County Schools - new Hampshire High School Animal Veterinary Science Center, 10-year Comprehensive Educational Facilities Plan (CEFP 2020-30), & Pre-Bond Planning Services

Hancock County Schools - A.T. Allison Elementary renovations/ addition & New Manchester Elementary renovations/addition

Ohio County Schools - Madison Elementary renovations, Middle Creek Elementary renovations, & West Liberty Elementary renovations

Tyler County Schools - School Access Safety Plan updates

Wetzel County Schools - Magnolia High renovations

The Linsly School - Stifel Field House & Behrens Memorial Gymnasium renovations, & Banes Hall addition/renovations

Comprehensive Educational Facilities Plans (CEFP 2010-20 and CEFP 2020-30) for several Counties

South Branch Career & Technical Center Annex

Washington & Jefferson College - Old Main roof

West Virginia University's new State Fire Training Academy

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Senior Architect / Specialized LEED AP / Educational Facility Planner

EDUCATION:

Virginia Polytechnic Institute & State University
Master of Architecture - 1992

Fairmont State College, School of Technology
B.S. Architectural Eng. Tech. - 1983

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:
West Virginia
Ohio
Pennsylvania
Tennessee
Virginia

National Board Certification:
NCARB #[redacted]

President:
West Virginia Society of Architects

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

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

Former Voting Member:
ASHRAE 90.1 Int'l Energy Code Committee

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Manager, Charleston Office
Charleston, WV (2005 to present)

Proactive Architecture Inc.
President
Charleston, WV (1999-2005)

Silling Associates Inc.
Vice President
Charleston, WV (1992-1999)

TAG Architects
Charleston, WV (1985-1990)

Alpha Associates Inc.
Morgantown, WV (1983-1985)

SUMMARY OF EXPERIENCE:

Mr. Worlledge is a skilled **Architect** with over 35 years of experience, who has been the former President of the WV chapter of AIA, has received State and National design awards, and placed in National and Global design competitions. Thom is a **Recognized Educational Facility Planner** as designated by the A4LE; a credential for industry professionals who plan and design quality school facilities. He has utilized this knowledge in the planning and design of multiple educational projects since being designated in 2007, ranging from a new **LEED Certified** elementary school to a $23 million high school addition/renovation project. Thom was also the first LEED AP in WV, has been a member of the USGBC since 2001, and is a Founder & Chairman of the Board for USGBC's WV Chapter. As a **LEED Accredited Professional specializing in Building Design & Construction** and a recognized sustainable design expert, he has multiple LEED and other energy-efficient projects; had articles published in state and national trade publications; was a featured speaker at multiple national conferences; served on the committee that sets the standards for the international energy code; professionally teaches and trains other professionals in the art of High Performance School design; etc.

NOTABLE PROFESSIONAL ACHIEVEMENTS:

Boone County Schools - Ashford Rumble Elementary, Boone Co. Honors Academy, Brookview Elementary, Madison Elementary, Madison Middle, Scott High, & Van Elementary Schools

Fayette County Schools - NEW Meadow Bridge PK-12 School

Hancock County Schools - Oak Glen High & Weir High Schools

Harrison County Schools - NEW Johnson Elementary School (NCWV Media's Public Project of the Year), Gore Elementary School addition/ renovations, & NEW Lost Creek Elementary

Marshall County Schools - NEW Hilltop Elementary (**LEED Certified / won multiple State and National Awards & Recognitions**), McNinch Elementary, & Sherrard Middle Schools

Ohio County Schools - Triadelphia Middle School addition/renovations

Wood County Schools - Parkersburg High ($23M) & Williamstown High ($13.5M) Schools

Mid-Ohio Valley Technical Institute

Comprehensive Educational Facilities Plans (CEFP 2010-20 and CEFP 2020-30) for several Counties

WV SBA - State-Wide School Safety/Vulnerability Assessments

Fairmont State University - College Apartments Complex ($30M)

WVU Institute of Technology - Maclin Hall

WVSU's Gus R. Douglass Economic Development Center / DigiSo

Building 55: WV State Office Complex (**LEED Certified**)

Jeremiah Hatfield, AIA, NCARB

Architect

EDUCATION:

Louisiana State University
Bachelor of Architecture - 1999

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:
West Virginia
Kentucky
Michigan
Virginia

National Board Certification

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Architect
Charleston, WV (2021 to present)

Adkins Design, Inc.
Architect / Project Manager
Charleston, WV (2009-2021)

SUMMARY OF EXPERIENCE:

Mr. Hatfield values clients and enjoys assisting them with their projects at all levels of design and construction and with all building types, including residential, governmental, educational, commercial, offices and hospitality projects. Jeremiah has over 15 years of experience with CAD, SketchUp and Microsoft Office. His skills also include Adobe Illustrator, Drafting, Revit, Interior Design, Adobe Photoshop, SolidWorks, Project Management, and Adobe Creative Suite. Jeremiah has completed InDeed Assessments, which provides skills tests that are not indicative of a license or certification, or continued development in any professional field. In these tests, he ranked Highly Proficient in "Attention to Detail" (identifying differences in materials, following instructions, and detecting details among distracting information) as well as "Following Directions" (following multi-step instructions), which are an asset to an **Architect**.

NOTABLE PROFESSIONAL EXPERIENCES:

Adkins Design, Inc.*
Since graduating in 2009, Mr. Hatfield worked at an architecture firm and had been exposed to most aspects of design including Programming and Pre-design, Schematic Design, Design Development, thru the completion of Construction Documents and punch lists during Construction Administration. He has 12 years experience with Building and Accessibility codes.

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

Tim E. Mizer, PE, RA, QCxP

Architectural Engineer / Architect / Commissioning Provider

Director of Engineering Services

EDUCATION:

Kansas State University
B.S. Architectural Engineering - 1983

University of Cincinnati
Architecture

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
West Virginia
Ohio

Registered Architect in:
Ohio

Qualified Commissioning Process Provider

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Director of Engineering Services
Architect / Engineer / Commissioning
Wheeling, WV (1995 to present)

M.C.C. Engineering
Director of Design
Columbus, Ohio (1988-1995)

Schooley Caldwell and Associates
Electrical & Mechanical Design
Columbus, Ohio (1986-1988)

Mizer Design
Free Lance Architectural Engineering Design
Columbus, Ohio (1985-1986)

Envirotek, Inc.
Drafting and Electrical & Mechanical Design
Raleigh, NC (1984-1985)

SUMMARY OF EXPERIENCE:

A very talented and unique professional who is registered both in engineering and architecture. Mizer's background as both an **Professional Engineer** and **Registered Architect** has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. Furthermore, as a **Qualified Commissioning Process Provider**, he has been formally trained to fully understand how integrated HVAC systems function and how systems interface with others to run your building efficiently. As the **Director of Engineering Services**, Mr. Mizer's presence is a key to the design procedures required to coordinate the functionality of the engineering systems into the aesthetics of a building space.

NOTABLE PROFESSIONAL EXPERIENCES:

Boone County Schools - Ashford Rumble Elementary renovations, Boone County Honors Academy addition/renovations, Brookview Elementary addition/renovations, & several other projects

Braxton County Schools - Braxton County High addition/renovations

Brooke County Schools - Brooke County High renovations, NEW Brooke Middle, & Follansbee Middle renovations

Fayette County Schools - NEW Meadow Bridge PK-12 School

Grant County Schools - Maysville Elementary renovations, Petersburg Elementary renovations, Petersburg High addition/ renovations, & Union Educational Complex addition/renovations

Hancock County Schools - NEW Oak Glen Middle, NEW Weirton Elementary, & multiple other projects

Harrison County Schools - NEW Johnson Elementary School (NCWV Media's Public Project of the Year), Gore Elementary School addition/renovations, & NEW Lost Creek Elementary

Marshall County Schools - NEW Cameron Middle/High (LEED Registered), NEW Hilltop Elementary (LEED Certified), & multiple other projects

Ohio County Schools - Wheeling Park High addition/renovations, and several other projects for every school in the county

Wetzel County Schools - Long Drain Elementary renovations, New Martinsville Elementary renovations, Short Line Elementary renovations, & multiple other projects

Wood County Schools - Parkersburg High addition/renovations, Parkersburg South High addition/renovations, Williamstown High addition/renovations, & multiple other projects

Kurt A. Scheer, PE, LEED AP

Senior Mechanical Engineer / LEED AP

EDUCATION:

Penn State University
B.S. Architectural Engineering - 2001

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
Pennsylvania
West Virginia

Member:
US Green Building Council

ASHRAE

ASPE

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Senior Mechanical Engineer
Wexford, PA (2020 to present)

Allen & Shariff Corporation
Senior Mechanical Engineer
Pittsburgh, PA (2018-2020)

BDA Engineering, Inc.
Senior Mechanical Engineer
Homestead, PA (2006-2018)

Allen & Shariff Corporation
Mechanical Engineer
Pittsburgh, PA (2004-2006)

LLI Technologies, Inc.
Mechanical Engineer
Pittsburgh, PA (2001-2004)

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

Fayette County Schools - NEW Meadow Bridge School PK-12 School & School Based Health Clinic

Harrison County Schools - Gore Elementary School build-out renovation / addition

Harrison County Schools - NEW Lost Creek Elementary School

Ohio County Schools - Warwood School renovations

Ohio County Schools - Wheeling Park High School Athletic Complex

Ohio County Schools - Woodsdale Elementary School cafeteria addition & renovations

City of Moundsville - Municipal/Public Safety Building

Brooke County Judicial Courthouse renovations

Tyler County Commission - Judicial Annex Building

Nicholas County Division of Homeland Security & Emergency Management - E911 and Emergency Operations Center

Light of Life Rescue Mission

Fort Henry Building - Fourth Floor office build-out

City of Weirton - Park Drive / Three Springs Drive Development

YWCA Renovations

Allen & Shariff Corporation*
Some notable projects are the historic Pittsburgh Athletic Association high rise renovation, the new Bakers Crossing apartments and retail spaces (Nashville, TN), City of Pittsburgh Building @ 412 Blvd of the Allies (LEED Commercial Interiors), several urban multifamily projects, and several retail projects and commercial projects ranging in size from 5,000 – 50,000 square feet.

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

Alan M. Gaber, PE
Electrical Engineer

EDUCATION:
Ohio Northern University
B.S. Electrical Engineering
with a Computer Science Option - 1986

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:
Registered Engineer in:
Ohio
Pennsylvania

PROFESSIONAL EMPLOYMENT:
McKinley Architecture and Engineering
Electrical Engineer
Wexford, PA (2022 to present)

Stantec Architecture
Electrical Engineer
Butler, PA (2018-2022)

Penn-Ohio Electrical Contractors
Electrical Engineer
Masury, OH (2013-2018)

HHSDR Architects & Engineers
Electrical Engineer
Sharon, PA (1995-2013)

Sturgeon Engineering, Inc.
Engineer-in-Training
Grove City, PA (1987-1995)

United Engineers & Constructors
Engineer-in-Training
Philadelphia, PA (1986-1987)

SUMMARY OF EXPERIENCE:
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. Each phase of his career has exposed him to different aspects of electrical design for the building construction industry, from utility company commercial service design, to commercial, industrial & institutional building design, and electrical construction management. Mr. Gaber's experiences also include K-12 & post secondary education, municipal/civic, personal care/senior living, and other sectors of business. His electrical design qualifications include lighting, power distribution, emergency/standby power, onsite generators, telephone/sound/communications, data communications, master clock/program, audio/video, fire alarms, security alarms, video surveillance, electric access, and more.

NOTABLE PROFESSIONAL EXPERIENCES:
Stantec Architecture*
Responsible for electrical engineering design for various commercial, institutional and industrial buildings. Participate in all phases of the design process from project inception through project closeout. Provide oversight of draftsman and junior engineers to produce complete, biddable documents. Review equipment submittals, answer contractor questions, observe construction. For one project example, the Industrial Plan Expansion in Florence, KY, Mr. Gaber's role included the electrical design and construction coordination of a 94,500 SF addition to an existing manufacturing plant. Project included MV switchgear, MV power distribution, and LV power distribution to feed new manufacturing equipment. Building expansion included lighting, power distribution, alarm and communications systems design. Project was completed and put into operation in third quarter 2021.

Penn-Ohio Electrical Contractors*
Responsible to oversee material disbursement, scheduling, project build-out, coordination with other trades, liaison with Owner and Design Team. For one project example, the 30 MVA Substation in Ellwood Crankshaft & Machine, Sharon Forge, Mr. Gaber oversaw the construction of a new electrical substation to transform 138kV Utility Power to 12,470V sub-distribution power to feed new forging manufacturing plant. Responsible for all aspects of project management including receipt of materials, scheduling work and coordinating start-up. This project was delivered on time and within budget.

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

Scott D. Kain

Engineering Production Manager / Senior Plumbing Designer

EDUCATION:

Technology Education College /
Ohio State University
Associates in Mechanical Design - 1996

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Engineering Production Manager
Engineering Designer
Wheeling, WV (2001 to present)

HAWA Inc.
Mechanical Designer
Columbus, OH (1998-2001)

Autotool Inc.
Engineer
Columbus, OH (1995-1998)

SUMMARY OF EXPERIENCE:

Mr. Kain, our Engineering Production Manager, is an accomplished engineering designer who has performed in all the engineering trades we provide; specializing in electrical, plumbing, and fire protection. He has been utilized for various McKinley 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.

NOTABLE PROFESSIONAL EXPERIENCES:

Boone County Schools - Boone County Honors Academy addition/ renovations, Madison Elementary School addition/renovations, Madison Middle School renovations, Scott High School renovations, and multiple other projects

Brooke County Schools - Bond Projects, new Brooke Middle School, and more

Grant County Schools - Maysville Elementary School renovations, Petersburg Elementary School renovations, Petersburg High School renovations, & Union Educational Complex addition/renovations

Hampshire County Schools - new Animal Veterinary Science Center

Hancock County Schools - Bond Projects, Oak Glen High School renovations, Oak Glen Middle School renovations, Senator John D. Rockefeller IV Career Center renovations, Weir Middle / High School renovations, new Weirton Elementary School, & multiple other projects

Harrison County Schools - new Johnson Elementary

Logan County Schools - new Chapmanville Regional High School

Ohio County Schools - Bond Projects, Bridge Street Middle School renovations, J. B. Chambers Performing Arts Center addition/ renovations to WPHS, Madison Elementary School renovations, Wheeling Park High School addition/renovations, and multiple other projects

Tyler County Schools - County-Wide Security / School Access Safety Project, Arthur I. Boreman Elementary School Roof Replacement, Board of Education Administrative Office renovation, Sistersville Elementary School Roof Replacement

Wetzel County Schools - Long Drain Elementary renovations, New Martinsville Elementary renovations, Short Line Elementary renovations, & more

Wood County Schools - Bond Projects, Parkersburg High School addition/renovations, Parkersburg South High School addition/ renovations, Williamstown High School addition/renovations, and more

The Linsly School - 200th Anniversary Campaign

Michael J. Clark Sr.

Senior Electrical Engineering Designer

EDUCATION:

Eastern Gateway Community College
A-ATS Electro-Mechanical Engineering - 2012

Jefferson Community College
A-ATS Electrical Trade Technology - 2003

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Certified in SMAW Weld Process & Basic Welding and Applications 2002

West Virginia Journeyman License

Ohio Fire Alarm License

OSHA 30 Certified

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Electrical Engineering Designer
Wheeling, WV (2012 to 2018, 2020 to present)

Arcelor Mittal
Maintenance Technician Electrician
Weirton, WV (2012)

M.J. Electric
Journeyman Electrician
Iron Mountain, MI (2010-2012)

Erb Electric Company
Journeyman Electrician
Bridgeport, OH (2009-2010)

Bechtel Group Inc.
Journeyman Electrician
Glendale, AZ (2009)

Cattrell Companies, Inc
Journeyman Electrician
Toronto, OH (1998-2009)

SUMMARY OF EXPERIENCE:

Mr. Clark is an Electrical Engineering Designer and a Certified Journeyman Electrician with over 20 years of industrial, commercial and residential experience. He is knowledgeable in all areas of the national electrical code and excels in analyzing and solving problems with various electrical controls and systems. Mr. Clark brings a cross-trained background to our projects, being skilled in both the design and the construction ends which gives him a unique ability to understand all aspects of a project. 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. His key skills include Electrical Systems & Controls, Installations & Maintenance, Electromechanical Repairs, Blueprints & Schematics, Generators & Transformers, Switches & Circuit Breakers, Electrical Code, Safety & QA, Wiring Diagrams, Troubleshooting, Testing Instruments, Motors & Conduit, CAD-2D/3D, Welding, & Residential construction.

NOTABLE PROFESSIONAL EXPERIENCES:

Brooke County Schools - NEW Brooke Middle School

Grant County Schools - Maysville Elementary renovations & Union Educational complex addition/renovations

Hampshire County Schools - NEW Animal Vet Science Center

Hancock County Schools - A.T. Allison Elementary addition/ renovations, New Manchester Elementary addition/renovations, Oak Glen High School renovations, Senator John D. Rockefeller IV Career Center HVAC renovations, Weir High renovations, Weir Middle renovations, & NEW Weirton Elementary

Harrison County Schools - NEW Johnson Elementary

Marshall County Schools - Cameron High

Wetzel County Schools - School Access Safety upgrades

The Linsly School - Banes Hall addition/renovations

West Liberty University - West Family Stadium / Russek Field lighting & new Soccer & Track Stadium / West Family Athletic Complex

Franciscan University OP#1 Multi-tenant Retail Building

Franciscan University OP#2 Office / Retail Building

Holiday Inn Express Hotels - on-call contract / multiple projects

City of Steubenville - 5 Parks Lighting and Security project

Building 55: WV State Office Complex in Logan (LEED Certified)

Wheeling Island Hotel•Casino•Racetrack - multiple projects

WVDRS Wheeling District's new office space fit-out

Carenbauer Wholesale Corporation warehouse addition/renovations

Richard G. Berger

Senior Mechanical Engineering Designer

EDUCATION:

CCAC of Allegheny County
Concentration: HVAC

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Pennsylvania Sheet Metal Journeyman License

Volunteer Fireman (retired)

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Senior Engineering Designer
Wexford, PA (2020 to present)

CJL Engineering
Lead HVAC Senior Mechanical Designer
Moon Township, PA (2019-2020)

Lovorn Engineering
Lead HVAC Senior Mechanical Designer
Blawnox, PA (2013-2019)

Stantec Corporation (formerly Burt Hill)
Lead HVAC Mechanical Designer
Butler, PA (1997-2013)

Peter F. Loftus division of Eichleay Engineers
Lead HVAC Mechanical Designer
Pittsburgh, PA (1989-1997)

SSM Industries, Inc.
Sheet Metal Professional Licensed Journeyman
Pittsburgh, PA (1979-1989)

SUMMARY OF EXPERIENCE:

Mr. Berger is a mechanical engineering professional with over 35 years of experience in HVAC design. His skills include Revit, AutoCadd, Microstation CADD, HVAC duct work and piping design, HVAC calculations, project management, and HVAC and piping field experience. Rich is a Professional Sheet Metal Journeyman license Sheet Metal Workers Local 12. Have designed for healthcare, K-12 schools, universities, high rise commercial, lab renovations and hotels.

NOTABLE PROFESSIONAL EXPERIENCES:

McKinley Architecture and Engineering

Harrison County Schools - Gore Elementary School build-out renovation / addition

Fayette County Schools - NEW Meadow Bridge School PK-12 School & School Based Health Clinic

Wetzel County Schools - Short Line School HVAC

Steubenville City School District - Steubenville High School commons renovations

Brooke County Judicial Center Courthouse

Tyler County Commission - Judicial Annex Building

City of Moundsville - Municipal/Public Safety Building

CJL Engineering*
Mr. Berger was the Lead HVAC Senior Mechanical Designer for Healthcare/Commercial/Restaurants. Projects have included Hospital related area design, PNC Bank Scranton multi-story office, Parkway West Tech Center, Erie Water Works, and more.

Lovorn Engineering*
Mr. Berger was the Lead HVAC Senior Mechanical Designer for Healthcare/Commercial/Restaurants. Projects have included OR design, MRI design, Radiology department, Central Sterile, Higher education institutions, Restaurants, Hotels/Motels, and more.

Stantec Corporation (formerly Burt Hill)*
Lead HVAC Mechanical Designer for the Healthcare Division. His projects have included but are not limited to OR design, MRI design, Radiology departmental, Central Sterile, lab design, Higher education institutions, Cornell University Sciences Building, Beachwood Ohio High School renovation, UPMC Biomedical science tower and Scaife Hall lab renovations.

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

David A. Ullom

BIM Coordinator / Mechanical Engineering Designer

EDUCATION:

Fairmont State University
B.S. Mechanical Engineering Technology - 2011

Pierpont Community and Technical College
Associates Degree in Applied Sciences:
Drafting and Design - 2011

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Engineering Designer
Wheeling, WV (2019 to present)

Kennametal Inc.
Sales Engineer (2016-2019)
Applications Engineer (2012-2016)
Latrobe, PA

Marion County Assessors Office
Map Developer
Fairmont, WV (2010-2012)

SUMMARY OF EXPERIENCE:

Mr. Ullom 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.

NOTABLE PROFESSIONAL EXPERIENCES:

Fayette County Schools – New Meadow Bridge K-12 project

Harrison County Schools – Lost Creek Elementary addition and renovations

Harrison County Schools – Gore Elementary addition and renovations

Ohio County Schools - Bethlehem Elementary renovations

Ohio County Schools - Bridge Street Middle renovations

Ohio County Schools - Elm Grove Elementary renovations

Ohio County Schools - Madison Elementary renovations

Ohio County Schools - Middle Creek Elementary renovations

Ohio County Schools - Triadelphia Middle renovations and additions

Ohio County Schools - Warwood Elementary and Middle School renovations

Ohio County Schools - West Liberty Elementary renovations

Ohio County Schools - Wheeling Middle renovations

Ohio County Schools - Wheeling Park High renovations and additions

Ohio County Schools - Woodsdale Elementary renovations

Tyler County Schools - New Bus Maintenance Facility

Mid-Ohio Valley Technical Institute (MOVTI) renovations

Jefferson County (Ohio) - Steubenville High commons and kitchen renovation

Trinity Health System - Crisis Rehabilitation Unit

Belmont County Divisional Courts renovations

General Services Administration - Social Security Administration's Wheeling, WV Office

Robert E. Smith

Construction Contract Administrator

EDUCATION:

University of Pittsburgh
M.S. Industrial Engineering - 1989

United States Air Force Academy
B.S. Behavioral Science /
Human Factors Engineering - 1983

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Board Member:
Indian Creek School District

Instructor:
Mechanical Engineering, Eastern Gateway Community College

Village Administrator:
City of Mingo Junction

Commander:
American Legion Post 351

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Construction Contract Administrator
Wheeling, WV (2009 to present)

Jefferson County Regional Planning Commission
Regional Planner
Steubenville, OH (2008-2009)

Edison Local School District
Director of Operation (1999-2008)
Transportation Supervisor (1998-1999)
Hammondsville, OH

MILITARY SERVICE:

Wright Patterson Air Force Base - Dayton, OH
Chief B-2, Block 20 Field Retrofit, $300 million
B-2 Systems Program Office (1994-1996)
Team Leader, Process Improvement Technology
Armstrong Laboratory (1989-1994)

Randolph Air Force Base - San Antonio, TX
Chief, Test Construction Section
Occupational Measurement Center (1987-1988)
Quality Control Psychologist
Occupational Measurement Center (1985-1987)
Supervisor of Test Construction Team
Occupational Measurement Center (1983-1985)

SUMMARY OF EXPERIENCE:

Mr. Smith has been a **Construction Contract Administrator** at McKinley Architecture and Engineering for 10 years. Bob is a self confident, articulate and highly motivated individual with superior interpersonal and teamwork skills. He has a plethora of experience in mid to upper level personnel management, advanced information systems integration, training, acquisition, contract management, transportation and maintenance, and quality control. He has 23 years of direct supervisory experience, as well as 13 years of documented success as an Air Force Officer. He is currently a member of the Board of Education for the Indian Creek School District in Jefferson County, Ohio. He is also an Adjunct Professor at Eastern Gateway Community College in Steubenville, Ohio, where he is teaching Mechanical Engineering.

NOTABLE PROFESSIONAL EXPERIENCES:

Construction Contract Administrator for:
Brooke County Schools - Bond Projects, Brooke High HVAC, new Brooke Middle, Follansbee Middle renovations, & Carlin Dodrill Fieldhouse/Gym renovations

Grant County Schools - Maysville Elementary renovations, & Union Educational Complex renovations/addition

Hancock County Schools - Bond Projects, A.T. Allison Elementary renovations/addition, New Manchester Elementary renovations/addition, Oak Glen High renovations, OGHS Field of Dreams, OGHS Multi-Sports Stadium Complex, Oak Glen Middle addition/renovations, Senator John D. Rockefeller IV Career Center HVAC, Weir High Multi-Sports Stadium Complex, Weir MS/HS HVAC, & new Weirton Elementary

Marshall County Schools - Bond Projects, new Cameron Middle/High (LEED Registered) & new Hilltop Elementary (LEED Certified)

Ohio County Schools - Several Projects

The Linsly School - Banes Hall renovations/addition, & Behrens Memorial Gymnasium renovations

Fairmont State University - new 3 building "University Terrace" Student Housing Apartment Complex

Director of Operations - Was responsible for the daily transportation of all district students (over 2500) which included 29 bus routes traveling over 3500 miles per day. Also responsible for all maintenance in 7 buildings. Managed a budget of over $1.5 million.

Transportation Supervisor - Was responsible for all transportation in the district, while also supervising 29 regular bus drivers, 10 substitutes, and 3 full-time mechanics.

Qualifications, Experience, and Past Performance

RYAN K. TAYLOR

PRESIDENT
CHIEF EXECUTIVE OFFICER
SENIOR PROJECT MANAGER
PROJECT MANAGEMENT & PLANNING

BACKGROUND:

EDUCATION
WEST VIRGINIA UNIVERSITY
M.S. SAFETY & ENVIRONMENTAL ENGINEERING

YEARS EXPERIENCE
24 YEARS

"COMPLEXITY OF ENGINEERING DESIGN IS THE GREATEST PROBLEM OF CONVEYING COST AND SCHEDULE TO CLIENTS."

- President of a mid-sized Architecture and Engineering firm providing strategic vision and guidance to over 50 design professionals.
- Project Manager for an addition and renovations to Edison Middle School on Parkersburg, W.Va.
- Project Manager for the design of engineering construction package as well as the construction the secure entrance renovations to several Wood County schools.
- Project Manager for a school based health clinic at Parkersburg High School.
- Project Manager for the design and construction for the Bond roof replacements of six different schools in Wood County, W.Va.
- Project Manager for the 2021 HVAC upgrades to several Wood County Schools.
- Managed the evaluation and design of the Williamstown High School bleachers and press box replacement.
- Managed the design and construction of the removal of two underground storage tanks and replacement with above ground tanks at the Wood County Schools Camden Avenue fuel yard.
- Managed the design of a new Quality Assurance Laboratory and Administration Building with adjacent Fire House for a polymer facility in Belpre, Ohio.
- Team Leader for Architectural and Engineering projects over $500K in construction costs.

Qualifications, Experience, and Past Performance

ERIC SMITH, P.E.

STRUCTURAL ENGINEER
DEPARTMENT MANAGER

BACKGROUND:

EDUCATION

MARSHALL UNIVERSITY
M.S. ENGINEERING MANAGEMENT
WEST VIRGINIA UNIVERSITY
B.S. CIVIL ENGINEERING

LICENSES

PROFESSIONAL ENGINEER
W.VA. & OHIO

YEARS EXPERIENCE

16 YEARS

PERFECTION IS NOT ATTAINABLE, BUT IF WE CHASE PERFECTION WE CAN CATCH EXCELLENCE.

Vince Lombardi

- Structural Engineer for three new $9M to $11M full service maintenance facilities for state DOT operations in Washington, Vinton and Monroe Counties.
- City of Marietta City Hall Renovations, Marietta, Ohio.
- Marietta City Armory Renovations, Marietta, Ohio.
- Structural Engineer for a renovation and addition to the Mid Ohio Valley Technology Institute in Saint Marys, West Virginia.
- Structural Engineer for Salt & Motorcycle Storage Building for West Virginia University at Parkersburg in Parkersburg, W.Va.
- Structural Engineer on Eureka Hunter Pipeline, L.L.C. Low Water Crossing.
- Extensive technical experience with civil, structural, and geospatial software packages including STAAD Pro, Presto, Enercalc, AutoCAD, AutoDesk Land Desktop, AutoDesk Civil 3D, and Topo USA.
- Senior Project Manager and Structural Engineer of Record for Catwalk repairs at Ohio University in Athens, Ohio.
- Structural Engineer of Record for NESHAP improvements at Eramet Marietta, Inc.
- Structural Engineer of Record for the Ohio Department of Transportation Facility of Washington County, Ohio. Project included pre-engineered metal building, tensioned fabric structures.
- City of Marietta Wastewater Treatment Plant Renovations, Marietta, Ohio.
- General Projects for Local Industrial Plants.
- Roof and Elevator Project for Christ United Methodist Church Marietta, Ohio.

3.3. Specify the individuals who would be assigned to this project and the specific role everyone will assume. If this is a joint proposal, identify the firm each individual represents.

Here is an overview of your key personnel, and the role they will play in the project(s) they are assigned:

Christina Schessler, RA, AIA, LEED AP BD+C, NCARB
Senior Architect / LEED Accredited Professional specializing in Building Design & Construction / Historic Preservationist

Ms. Schessler will be your **Project Manager** and **Main Point of Contact**. She will be responsible for coordinating all the disciplines working on the designs, which includes our in-house Architectural and Engineering staffs, Learning Environment and Educational Facilities Planners, LEED Accredited Professionals, Construction Contract Administrators, etc. She will ensure that your projects are properly staffed to meet the scopes and timelines established. Christina is a skilled **Architect** with over 30 years of experience, who has designed several PK-12 renovation and addition projects. **She has worked with the West Virginia Schools for the Deaf and the Blind.** As a **LEED Accredited Professional specializing in Building Design & Construction,** Christina will identify options and opportunities for the cost-effective incorporation of Energy Conservation during the planning and design phases. Christina has been a member of the USGBC since 2009, and has incorporated energy efficient "green" design into multiple projects. Christina also earned her **Masters in Historic Preservation,** has a passion for renovation and modernization projects, and has won multiple design awards. Christina recently attended an **AIA Safety Assessment Program (SAP)** that was conducted in accordance with the California Governor's Office of Emergency Services (Cal OES), successfully passed the training courses, and she has received her credential badge as a **registered SAP Evaluator,** which will aid in the safety and security windows and doors upgrades in your project.

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP
Senior Architect / LEED Accredited Professional specializing in Building Design & Construction / Recognized Educational Facility Planner

As a part of the team, Mr. Worlledge will assist Ms. Schessler with the architectural design. Thom is a skilled **Architect** with over 30 years of experience, who has been designing school projects for over 20 years; from a new **LEED Certified** elementary school (the 1st LEED Certified school in West Virginia!) to a $23.5 million high school renovation project, and everything in-between. He has received State and National design awards for educational projects. In addition, as a **LEED Accredited Professional with the BD+C specialty**, he will help incorporate energy efficient "green" design and high performance 21st century learning environment design into your projects. In addition, the Association for Learning Environments recognized the successful achievements and continual professional development efforts of Mr. Worlledge, and designated him as **Recognized Educational Facility Planner**; a credential for industry professionals who plan and design quality school facilities. He has been an REFP since 2007, and has utilized this knowledge in the planning and design of multiple school projects. Furthermore, Thom helped develop some of the SBA's Quality and Performance Guidelines when he was on the Sustainable / Green Building subcommittee that was revising Policy 6200.

Jeremiah Hatfield, AIA, NCARB
Architect

Mr. Hatfield is a skilled Architect with over 15 years of experience, and is registered in 4 States. Jeremiah values clients and enjoys assisting them with their projects at all levels of design and construction and with all building types, including educational, governmental, municipal, commercial, offices, residential, and hospitality projects. Jeremiah will assist with the architectural design.

Qualifications, Experience, and Past Performance

Tim E. Mizer, PE, RA, QCxP
Projects Manager / Main Point of Contact / Director of Engineering Services / Architectural Engineer / Architect / Qualified Commissioning Process Provider

Our **Director of Engineering Services**, Tim Mizer, will be your **Project Manager** and **Main Point of Contact**. He will be responsible for coordinating all the disciplines working on the designs, which includes our in-house Engineering and Architectural staffs, Learning Environment and Educational Facilities Planners, LEED Accredited Professionals, Construction Contract Administrators, etc. Tim will ensure that your projects are properly staffed to meet the scopes and timelines established. Mr. Mizer is a very talented and unique professional being both a **Professional Engineer** and a **Registered Architect**, which has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. Furthermore, as a **Qualified Commissioning Process Provider** he has been formally trained to fully understand how integrated systems function and how systems interface with others to run your building efficiently, and has a comprehensive knowledge of the full American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Commissioning Process. He has worked on a multitude of school projects over the past 25+ years he has been at McKinley Architecture and Engineering. His presence is a key to the design procedures required to coordinate the functionality of the engineering systems into the aesthetics of a building space. He will also lead all Engineering portions of your projects; coordinating all the engineering disciplines within our staff.

Kurt A. Scheer, PE, LEED AP
Senior Mechanical Engineer / LEED Accredited Professional

Mr. Scheer is a **Mechanical Engineer** with 20 years of experience in the industry with a focus on mechanical systems design. Additionally, Kurt has experience with **LEED Certified** projects and energy modeling, and he will design an energy efficient system that will meet all of your goals and objectives.

Alan M. Gaber, PE
Electrical Engineer

Mr. Gaber is an **Electrical Engineer** with over 36 years of electrical and professional experiences designing building systems, including educational projects. 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. His electrical design qualifications include lighting, power distribution, emergency/standby power, onsite generators, fire alarms, security alarms, video surveillance, electric access, and more.

Scott D. Kain
Engineering Production Manager / Senior Plumbing Engineering Designer

Mr. Kain is an accomplished engineering designer who has performed in all the engineering trades we provide; specializing in plumbing, fire protection, and electrical, and has also worked for various McKinley Architecture and Engineering' projects that needed mechanical, structural, and architectural elements. Since joining our firm in 2001, he has worked on dozens of school projects.

Michael J. Clark, Sr.
Senior Electrical Engineering Designer

Mr. Clark is an electrical engineering designer who 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 a Certified Journeyman Electrician, which provides a unique understanding for problem solving by having knowledge from both the design and the construction ends.

Qualifications, Experience, and Past Performance

Richard Berger
Senior HVAC Engineering Designer
Mr. Berger is a mechanical engineering professional with over 35 years of experience in HVAC design. He will help in the mechanical assessment for the initial school visits to fully determine the scope of work, as well as designing, specifications, equipment selection using various manufacturer's selection software, heating/cooling loads, shop drawing submittals, and more.

David A. Ullom
BIM Coordinator / Fire Protection Engineering Designer
Mr. Ullom is a results-driven individual who prioritizes safety, cost-effective solutions, and exceeding customer expectations. He is proficient in Autocad, Inventor, and Revit software. Mr. Ullom will assist in the evaluation and designs of all of the mechanical systems (and possibly plumbing and fire suppression systems) in your schools.

Robert E. "Bob" Smith
Construction Administrator
Mr. Smith has **vast educational experience in various roles.** He is a **Construction Administrator** who has worked on numerous PK-12 projects in multiple counties around the State, including projects for Brooke, Grant, Hancock, Marshall, and Ohio County Schools, as well as the Linsly School. Many of these involve building additions/renovations, as well as multiple new schools. In addition, Bob is currently a **member of the Board of Education** for the Indian Creek School District in Jefferson County, Ohio. He was also formerly the **Edison Local School District's Director of Operations** (1999-2008) and **Transportation Supervisor** (1998-1999). As your CA, Bob 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.

Ryan Taylor
President / Project Manager
Ryan will be a Project Manager for projects providing coordination with the entire Pickering design team and Owner.

Eric Smith, PE
Design Lead Structural Engineering
Eric will be the Structural Engineering lead.

3.4. As a part of the proposal, the firm(s) must write a brief narrative describing how the firm will implement the key aspects of the proposed process in accordance with all items listed herein.

The West Virginia Schools for the Deaf and the Blind has identified 3 Goals/Objectives that need to be completed:

- **Removal and replacement of the membrane roof on the Physical Education Building (13,000 Square Feet of Roof Area) that meets current codes.**
- **Design the replacement of windows and doors at the Physical Education Building (13,000 Square Feet of Roof Area) that meets current codes.**
- **Evaluate the 30x60 pool in the Physical Education Building to determine what repairs are needed to correct a leak and also determine if structural damage was caused by the leak.**

The McKinley Team is well versed and experienced in each project type mentioned above.

Over the past **40+ years**, McKinley Architecture and Engineering has designed **hundreds of projects which involve roof assessments, renovations, replacements, upgrades, and/or repairs which give us invaluable experience to utilize within your project.** This experience also includes **many projects that occurred while the building was occupied.** This has involved **all sorts of roof structures (steel joists, wood joists, jr. beams, etc.), roof coverings (different membrane systems, metal, shingles, etc.), including all pertaining roof-mounted engineering systems (skylighting, HVAC, roof drainage, etc.), flashing, parapets, copings, and more.**

To start your projects, **kickoff meetings** will be held at the Physical Education Building with West Virginia Schools for the Deaf and the Blind representatives, along with all our design professionals and consultant. Our philosophy regarding this type of work requires an **intimate knowledge of the building** so we can determine how to most effectively use the existing resources. Early activity includes **carefully mapping out the damaged areas and formulating a plan of action for repairs.** This process **targets the areas of greatest need and helps to control cost.** From these on-site meetings, the Owners Project Requirements will be defined and documented, to be used as a guideline through the design phases. We will verify the existing conditions of the facilities through the review of the existing conditions, existing drawings, and with further discussions with you. From our overall facility survey, we will use all this information to produce a full reporting of the current conditions, with our recommendation of rework to best fit the present needs of these buildings. We will then use all this information to design and specify the corrections.

As mentioned, our first action for any **roof renovation** is to **examine the entire roof with our architects and engineers.** This will help us in determining the root cause of any deterioration, possible damages, and any water infiltration. **Roofing projects require a concise mapping of the existing roofing system including existing materials condition (above and below the roof line), mapping of the building's roof penetrations, and observation of the performance of the rain water collection system.** How does it respond to a 100 year rain event; is any action/correction necessary to control; does the current assembly meet all current building code standards? Present unknowns for your roof may include: incorrect slope and drainage, possible sealant and flashing condition defects, deterioration of existing roof deck, degradation of the roof structure, and damage to interior building components due to previous water infiltration. Once the problems are forensically understood, the next step is to develop possible solutions. It will be important to sit down to review the various alternatives and propose the best method to solve the main problems; the problems that must be immediately addressed and prioritized thereafter. For

example, existing roof systems without adequate slope and proper drainage, and/or leaking can also cause significant wood rot, mold, mildew, algae and other such growths, which are unhealthy for the environment for the employees. Any pooling water issues can provide incubators for mosquitoes, etc. and needs addressed. Another safety factor which should be considered is, the design of the roof systems should include analysis to determine if secondary emergency roof drainage is warranted to prevent structural failures from blockage of the primary roof drainage system. Modifications to drainage system and existing mechanical equipment and service feeds may also be required to achieve code required minimum slopes for roof replacement.

Some of our projects replaced roofs that were beyond their life span, were leaking, had ponding water, were sliced and damaged, had inadequate roof slope, had inadequate drainage systems, and many caused water damage throughout the interior and/or exterior of the building - even the smallest pinhole can allow significant water infiltration. Our designs replace the roofing system, fix the leaks, create proper water flow and drainage, meet the current code with compliant systems which increased the building's safety, and are lower maintenance.

McKinley also has extensive experience with providing drawings and specifications for **doors and windows.** This includes doors and windows that were **renovated to ensure building security, compliance with current building codes, energy efficiency, acoustics, as well as force protection.** We have experience designing **exterior and interior security doors, aluminum storefronts, overhead doors, man-traps, and access control systems** on various buildings across the state, including multiple school renovation projects and new schools, State Government facilities, State Police, E-911 Centers, and commercial projects just to name a few. We have a **LEED Accredited Professional** and **3 LEED Accredited Professionals specializing in Building Design & Construction** who can help choose **energy efficient solutions** such as **fenestration (windows) to achieve a quality thermal envelope and controlled introduction of daylighting (studies have proven that only 7%-10% window to wall ratio is needed to achieve quality daylighting), locally sourced materials,** and much more. Potential issues could be expanding the width of the current entrance structure to accommodate and allow passage by persons with disabilities; compatibility with any existing systems such as the electrical for any video monitoring/surveillance systems; or lead times for hardware and equipment. We have been able to solve all of these issues on other renovations, and know we will design a project that solves your project's potential issues as well. **Our team will strive to produce not only safe and secure windows and doors, but also aesthetically pleasing designs.**

Pickering Associates will help with the **structural evaluations** of the roof, the doors and windows, as well as the pool. Their structural engineers will evaluate the 30x60 **pool** in to determine what repairs are needed to correct a leak, and also determine if structural damage was caused by the leak. This will start with an investigation to determine the root cause of the leak. Then Pickering will determine the best action to correct the problem.

You appropriately recognize how codes and state / federal regulations are important to a successful project. Our professional's design within these codes daily. All documents will be prepared with the current State Building Code and State Fire Code as well as all State and Federal Codes, Regulations, and Ordinances.

With the McKinley Teams' vast **roof, windows, doors, and structural experience,** understanding of codes, and our great working relationship with various state agencies; we are confident that we have the talent and technology needed to make these projects successful. **We will meet your goals and objectives.**

Per your request in the Solicitation, in GENERAL TERMS AND CONDITIONS, Part 8. INSURANCE, here are sample copies of our various Insurances and their Coverages:

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 08/13/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Paull Associates, Inc. 1311 Chapline Street PO Box 990 Wheeling WV 26003-0123	**CONTACT NAME:** Amy Stover **PHONE (A/C, No, Ext):** (304)233-3303 **FAX (A/C, No):** (304)233-3333 **E-MAIL ADDRESS:** astover@paullassociates.com
	INSURER(S) AFFORDING COVERAGE — **NAIC #** **INSURER A :** CINCINNATI INS CO — 10677
INSURED McKinley & Associates Inc See Additional Named Insured Schedule Below 32-20th Street Ste 100 Wheeling WV 26003-	**INSURER B :** **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [ ] PRO-JECT [ ] LOC OTHER:		X	EPP 0146335	06/15/2021	06/15/2022	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 500,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
A	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY [X] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			EPP 0146335	06/15/2021	06/15/2022	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	X UMBRELLA LIAB [X] OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $			EPP 0146335	06/15/2021	06/15/2022	EACH OCCURRENCE AGGREGATE	$ 1,000,000 $ 1,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N [ ] N/A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
MCKINLEY ARCHITECTURE AND ENGINEERING, MCKINLEY ARCHITECTURE AND ENGINEERING LLC, MCKINLEY ARCHITECTURAL SERVICES INC, WILLOW GLEN CAPITAL, FORT HENRY LLC. CERTIFICATE ISSUED AS PROOF OF INSURANCE.

CERTIFICATE HOLDER

Specimen

CANCELLATION AI 005479

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 10/14/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Steven Galica
The James B. Oswald Company 1100 Superior Avenue, Suite 1500 Cleveland OH 44114	PHONE (A/C, No, Ext): 216-306-0047 FAX (A/C, No): 216-839-2815 E-MAIL ADDRESS: sgalica@oswaldcompanies.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Continental Insurance Company	35289
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED	MCKIN-1
McKinley Architecture and Engineering 32 20th Street #100 Wheeling WV 26003	

COVERAGES **CERTIFICATE NUMBER:** 1519257570 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	CLAIMS-MADE OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N						PER STATUTE OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N/A						E.L. EACH ACCIDENT	$
	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Professional Liability Claims Made Retro Date: 9/10/1981	N	Y	AEH591893924	10/10/2021	10/10/2022	Each Claim Aggregate Deductible	$1,000,000 $2,000,000 $25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Waiver of Subrogation as designated above is provided when required of the Named Insured by written contract or agreement.

CERTIFICATE HOLDER

March-Westin Company
360 Frontier Street
Morgantown WV 26505

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Steven Galica