

WEST VIRGINIA ARMY NATIONAL GUARD

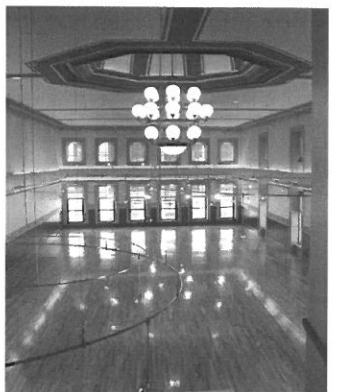
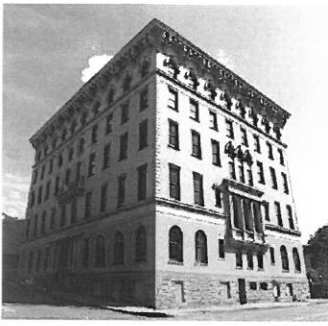
DEFK14024

**Clarksburg/Weston Armory
Interior Remodels**



04/30/14 09:56:56AM
West Virginia Purchasing Division

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN





29 April 2014

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

Dear Ms. Lyle and Member of the Selection Committee;

We are pleased to provide the West Virginia Army National Guard with our expression of interest to provide professional architectural services to design and develop construction documents to renovate the Weston and Clarksburg Armed Forces Reserve Centers. As you review this submission, we emphasize the following strengths of McKinley & Associates with respect to your project:

McKinley & Associates has been providing design services since 1981. With offices in Wheeling and Charleston WV, and Washington PA, McKinley & Associates supports a professional staff that includes Architects, Interior Designers, Engineers, Qualified Commissioning Agents, Construction Administrators, LEED Accredited Professionals and more. In addition, we recently became a 100% ESOP Company (Employee Stock Ownership Plan), so our employees now own 100% of our corporation!

Your project will be led by Christina Schessler, AIA, LEED AP BD+C, who is an Architect and a LEED Accredited Professional. **She knows the local areas**, having been our Project Architect on the West Virginia University's State Fire Training Academy in **Weston**, and is currently working on the USPS Finance Station in **Clarksburg** among other projects in the region. She was also our Project Architect on the Wheeling Island Fire Station renovations, Panhandle Cleaning & Restoration office building and warehouse renovation (provider of emergency disaster recovery services), and other similar projects. Since Ms. Schessler is a LEED Accredited Professional; she can also assist in identifying options and opportunities for the cost-effective incorporation of Energy Conservation and green concepts at every stage of project development, including site analysis.

Our firm has considerable experience in facilities designed for State and Federal agencies, including National Guard facilities in West Virginia. We have most recently been involved with engineering the Multipurpose Building and the ChalleNGe Learning Center in Kingwood, WV, and well as providing professional engineering certifications of SPCC amendments and Environmental Equivalence for select West Virginia Army National Guard facilities around the State. We also look forward to continuing the design on the United States Property and Fiscal Office and Warehouse (USPFO) in Buckhannon.

McKinley & Associates has been designing renovation projects for over 30 years, and has developed a reputation as experts in building **renovations and upgrades**. We have experience with various Emergency Service / Public Safety architectural and engineering projects, which you will see throughout our proposal. Our Firm as a whole brings a vast experience in working with both high security facilities and community accessible civic buildings. We have completed hundreds of projects, small and large, gaining experience that we can apply to your project. This interior renovation experience includes emergency facilities (ranging from state police, fire stations, emergency response facilities, and E-911 communications centers to name a few), dormitories, offices, warehouses and manufacturing facilities, commercial/retail, historical buildings, schools, and much more. The West Virginia State Police is one of our clients that we have worked with for close to 20 years on numerous projects throughout the state, and are currently the only Firm to be on our third multi-year open-ended contract with the State Police for all of their design work. We know we have the ability to provide you with the services to make this project a success.

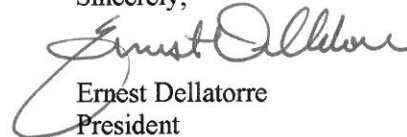
We have worked in **Harrison and Lewis County** multiple times in the past; most recently is with the United States Postal Service for multiple renovation projects (new elevator, chiller replacement, wall repairs, etc), as well as a WV Division of Juvenile Services Clarksburg Study. Over the years we have also designed the new WVU State Fire Training Academy in Weston, West Virginia State Police Troop 1 Headquarters renovations in Harrison County, Clarksburg Federal Building Feasibility Study, and much more.

A few years back we were awarded a State-Wide School Vulnerability Assessments Contract by the West Virginia School Building Authority (SBA); which includes every Harrison and Lewis County school. From this, we are working alongside the SBA, Division of Homeland Security and Emergency Management, State Police, and all First Responders statewide. This will assist them in enhancing the safety and security of all schools in the State of West Virginia (over 700 schools!) and to help provide first responders at all levels the necessary tools to effectively mitigate, plan for and respond to all types of hazards that have the potential of occurring at schools and school facilities both man-made and natural. **From this contract, we have employees with various levels of Security Training and Background, such as FBI background clearance, PCII (Protected Critical Infrastructure Information) "Authorized User Certification," and all documents are loaded into ACAMS (Automated Critical Asset Management System).** We now have a great understanding of the information required by First Responders - which we utilize in our designs!

One of the more exciting aspects of our job is listening to YOU, our client, in how you envision this project, and transforming your ideas into realities. This can only be accomplished by effectively working together with you. We are committed to each of our projects and encourage you to check with our references. 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. We encourage you to speak with our references because we feel this is the best way that our abilities can be conveyed to you.

We love what we do, so we care about the results you get. We know we can provide you with a successful project and are very excited to work with you. Thank you for reviewing our submission and considering McKinley & Associates for your proposed projects.

Sincerely,



Ernest Dellatorre
President
McKinley & Associates



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Corporate Information

Firm History

Founded in 1981, McKinley & Associates is a multi-discipline full service Architectural & Engineering firm, offering comprehensive professional services in Architecture, Engineering, Interior Design, LEED Design, Commissioning, Educational Planning, and Construction Administration. We have a broad range of skill and experience for projects involving emergency facilities, governmental, medical, commercial, educational and more. McKinley & Associates is now a **100% ESOP Company** (Employee Stock Ownership Plan), which is a benefit plan that gives our employees 100% ownership of stock in our company. This is a contribution to the employee, not an employee purchase.



McKinley & Associates' Charleston, WV Office

Washington Trust Building



McKinley & Associates' Washington, PA Office

Firm Information

Ernest Dellatorre
President

Tim Mizer, PE, RA, QCxP
Director of Operations

Gregg Dorfner, AIA, REFP
Director of Architecture

Date of Incorporation

July 1, 1981
Wheeling, West Virginia

Number of Professionals

Total Size	35
Architects	8
Engineers	3
Construction Admins.	4
Arch./Eng. Designers	10
Interior Designers	1
Quality Controllers	2
REFP	2
LEED AP / LEED AP BD+C	3
Commissioning Agents	2
MIS	1

Locations

The Maxwell Centre

Thirty-Two - Twentieth Street
Suite 100
Wheeling, West Virginia 26003
P: 304-233-0140
F: 304-233-4613

Charleston Enterprise Center

1116 Smith Street
Suite 406
Charleston, West Virginia 25301
P: 304-340-4267
F: 304-340-4269

Washington Trust Building

6 S. Main Street
Suite 1028
Washington, Pennsylvania 15301
P: 724-223-8250
F: 724-223-8252



Credentials

McKinley & Associates is a member of the following organizations:
CEFPI, AWI, WVEDC, AIA, NFPA, NCARB, ASCE, ASPE, BOCA, ASHRAE, ACI International

The Maxwell Centre - McKinley & Associates' Wheeling, WV Office



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Project Approach

Our approach to the design of these Interior Remodels of the Weston and Clarksburg Armed Forces Reserve Centers requires a dialog with the Owners and the end users of the facility. This helps us to determine who and what will be occupying the building and how much space is required for each. Secondly, we send our team of professionals to complete a building evaluation of all the pertaining elements and existing conditions that will be included within the specific project, as well as documenting any code and/or ADA deficiencies that will be addressed during the design. Throughout the design process, we can hold design workshops at the discretion of the owner 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 will use the building. We will determine what type of space is required by each department and if close proximity is desired by certain departments. 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. At this point we will begin to lay-out the spaces and move through the design phases.

SCHEMATIC DRAWINGS

This is the first time thoughts and dreams are put on paper. Armed with the information we gathered earlier, our professionals start the process of rough drawings which will include hallways, restrooms and other common space. At the end of this phase the product is a first look at what the floorplan might look like, as well as a preliminary cost estimate.

DESIGN DEVELOPMENT DRAWINGS

Plans start to take shape and changes are made. Elevations start to give you an idea of what your project will look like. Code officials are brought in to review the design at this point so they are part of the team and we can review any concerns. This is a very exciting time in the project as you are finalizing concepts and ideas, but also a very important time as this is the last chance to easily make changes. Cost estimates will again be reviewed to ensure the project is within budget.

CONSTRUCTION DRAWINGS

Now is the time that our professionals take all of the information gained from the meetings and the design development drawings and produce the drawings and specifications for the project. The construction drawings provide the tool needed for the contractors to bid the project and information and details necessary to construct the building. Code official will once again be brought in to review the drawing before they go out for bid. A final review of the estimate will be conducted so that there are no surprises on bid day.

BIDDING

This phase involves the actual bidding of the project. We will conduct a pre-bid meeting to handle all bidding information as well as conduct the bid opening and reporting.



Project Approach (continued)

CONSTRUCTION ADMINISTRATION

This phase involves the construction of the project. Our professionals now act as your agent and watch over the project. We will be on site approximately once a week and work with the contractors to make sure they are building what we designed and specified and are doing it correctly. We handle all paperwork from the contractor and provide the owner with approved pay requests. This phase is very important to ensure that you get what you are paying for. All of our Construction Administration personnel are all experienced in the construction industry and know the business. We have implemented a policy that brings our Construction Administrators into the design process early in the schematic phase so that they know why the building was designed and how the building is intended to be used. This insight allows the on-site Construction Administrator to have a better understanding of the end product and provides valuable constructability insight for our designers.

Our involvement does not end once you our client occupy the building. Our Eleven Month Walk-Through is a process where our professionals return to your facility with the contractor eleven months after the project is completed. At that time they review with the contractors 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. We have been doing this for 16 years which has now been adopted as an AIA 101 Standard.

PROJECT SCHEDULING

Because of the size of our Firm we can generally work to your scheduling requirements. Typically, we ask our clients when they would like to occupy the space and work backwards from there to establish a schedule. This assumes there are practical time available to complete the construction and sufficient lead times for ordering equipment. Typically the design phases are approximately four to six week with two additional weeks for advertising and bidding. Once the project is awarded, submittals and construction is estimated to be between six to eight months. While in construction, any additional demo phases can be completed so that once the renovated spaces are available, the project can move without delay to the demolition phases.

PRELIMINARY PROJECT BUDGETING

We use a variety of methods to provide project budgets. We have a dedicated staff that will be part of the design team to provide not only the preliminary budget but also a budget throughout the process to ensure the project remains within budget from start to finish. For more complicated projects we have used cost estimating consultants if there are any doubts.



Interior Design



Basic interior services begin with a strategy session designed to determine the owner's project requirements, timetable and budget. The interviews will include analyzing space requirements, operating procedures, communication relationships and future needs. Inventory of existing conditions are used to develop accurate drawings and plans. Application of current ADA and building codes will be applied to the developed plans for way finding (signage, directories, fire escape plan), furnishings and finishes. Attention to budget and maintenance is given in relationship to owner needs. Construction documents required to detail the project include schedules, elevations, plans, presentation boards and specifications. To maintain coordination, the follow up contract administration consists of submittal review, post construction evaluation and coordination of FF&E contracts when applicable.



Deb Blakeman, NCIDQ #015070, is knowledgeable and has experience with application of ADA regulations, ergonomic standards, state building code and industrial standards as they apply to interior furnishings, space planning and finishes. Improving comfort through lighting and ergonomically sound furnishings will increase employee performance. Efficient spaces aid in organization, and work flow, by decreasing communication barriers.



Sustainable "Green" Design

Buildings designed today will need to meet the demands of the future; McKinley & Associates 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**.

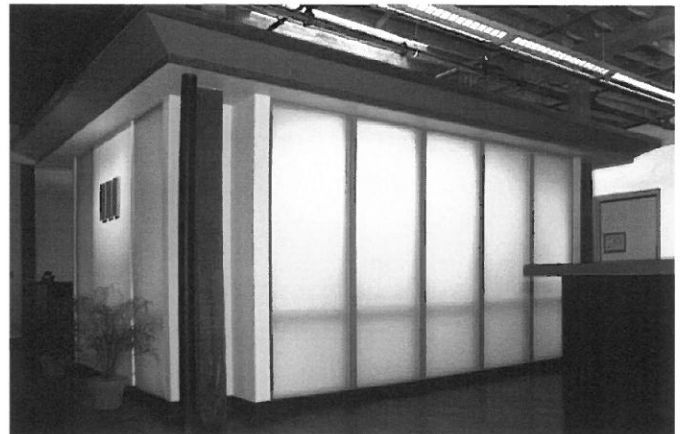
McKinley approaches ecological design from a business perspective, offering **proactive** solutions to complex problems such as indoor air quality, energy efficiency, resource depletion, and water quality. With commercial and institutional project experience, the McKinley Team can work alongside local designers to provide sustainable design and construction guidance. We also offer full architectural design services and guided design workshops on sustainable design issues.

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. **For a few recent sustainable awards**, we were honored to have **won 5 Placemakers Awards from West Virginia GreenWorks**, at 2013 The Building Conference in Morgantown. In addition, **Cameron Middle School/High School won the 2014 Black Bear Award for the Highest Achievement for the West Virginia Sustainable Schools program**, and was just selected on April 22nd as a **2014 U.S. Department of Education Green Ribbon School!**

Moreover, Hilltop Elementary School is one of our many projects that we designed using **energy efficient** and **sustainable design** approaches. It was not until after construction had commenced that the Owner decided to submit for LEED Certification. This required a great deal of coordination with the architects, engineers, subcontractors and suppliers. Since we incorporated **good sustainable design practices** from the beginning, this allowed for an easy transition, and for the project to be successfully completed in July 2009. **This is the first LEED Certified school in the state of West Virginia.** Hilltop won a **2010 Gold Medal Green Building Award** by Building of America. Hilltop also won the 2012 West Virginia Department of Environmental Protection's **Clean Energy Environmental Award**. Hilltop received the 2012 **Black Bear Award for the Highest Achievement for the West Virginia Department of Education's Green Ribbon Schools program**. In addition, in April 2012, Hilltop was one of 78 schools (which span 29 states and D.C.) to be awarded the **first-ever U.S. Department of Education Green Ribbon Schools!** Moreover, Hilltop won a **2013 Placemaker Award for Leadership of/for Place** from the West Virginia GreenWorks.



McKinley and Associates has been honored to have won some very notable awards and to have received some very prestigious nominations over the years. We recently won a **West Virginia Chapter of the American Institute of Architects Merit Award** for our newly renovated Charleston Office; a project led by Thom Worledge.



View of our award-winning Charleston Office renovation showing our centrally located conference room "Lantern." This glows all day long through the translucent walls, which are illuminated with natural daylight from a skylight above.



U.S. DEPARTMENT OF EDUCATION
GreenRibbonSchools

Leadership in Energy and Environmental Design



LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ developed by the U.S. Green Building Council (USGBC) is the nationally accepted standard for the design, construction, and operation of high performance green buildings (www.usgbc.org). In January 2001, our firm was the **first organization in West Virginia to join the USGBC**. No other WV firm joined until nearly 2 years later! We have **LEED Accredited Professionals** on staff, along with our skilled architectural/engineering team, who will efficiently and cost effectively achieve certification under this standard or we can guide you through the process in order to develop sustainability goals specific to your project.



The LEED AP Specialty Logos signify advanced knowledge in green building practices and specialization in a particular field. The LEED AP BD+C represents specialization in commercial design and construction.

We have **LEED® Accredited Professionals** on staff:

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

Our **LEED Certified Projects** are (LEED Rating System in parentheses):

- Hilltop Elementary School in Sherrard, WV (LEED for Schools 2.0)
The First LEED Certified School in the State of West Virginia!
- West Virginia State Office Building in Logan, WV (LEED NC 2.2)

Our current **LEED Registered Projects** are (LEED Rating System in parentheses):

- Bellann in Oakhill, WV (LEED EB O&M)
- Cameron Middle School/High School in Cameron, WV (LEED for Schools 2.0)
- SMART Office in Williamson, WV (LEED CI)

All of our current LEED Registered Projects are either under construction or in design with potential **LEED Platinum Certification** (SMART Office) or potential **LEED Silver Certification** (Cameron Middle/High School).



Christina Schessler, AIA, LEED AP BD+C has been a member of the USGBC since 2009. In 2012 she received her Masters in Historic Preservation, so not only can she incorporate LEED "Green" aspects into new buildings; she can even incorporate energy efficient design into renovation/preservation

projects. Twenty percent of a building's energy consumption is embodied in the existing physical structure itself!



Thomas R. Worlledge, AIA, LEED AP BD+C, REFP has been a member of the USGBC since 2001; he was the first LEED Accredited Professional in the state of West Virginia! As a professional trainer for the Sustainable Building Industries Council, he teaches other design professionals in the art of High Performance School

design. He is also a Founder & Chairman of the Board for the US Green Building Council's West Virginia Chapter.

The 'USGBC Member Logo' is a trademark owned by the U.S. Green Building Council and is used by permission.



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McKinley & Associates' Charleston Office

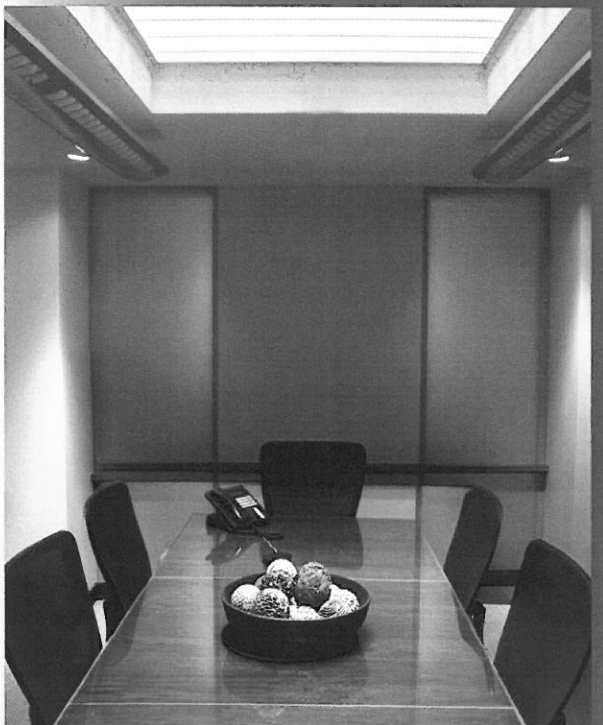
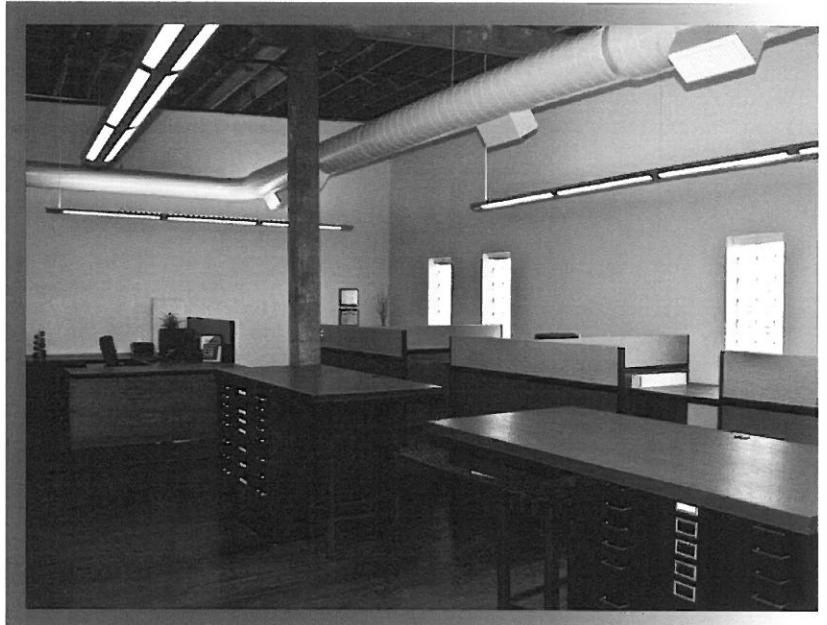


Besides the paint, what makes this office "green"?

McKinley & Associates has been practicing "green" for years and has won awards for converting unused warehouse space into striking modern office buildings. One of the best ways to build green is to adapt an existing building; twenty percent of a building's energy consumption is embodied in the building's physical structure itself.

We recently won a **West Virginia Chapter of the American Institute of Architects 2009 Merit Award** for our newly renovated Charleston Office. The first thing you will notice is we left most of the existing structure exposed; this minimizes the amount of new materials required to define the space and allowed us to utilize some special features. For example, our centrally located conference room "Lantern" glows all day long from natural sunlight from above. This room's ceiling acts as a reflector, bouncing natural light throughout the space.

In addition to reusing the space, we also reused doors to make all of the desks, workstations and conference table. The top of the dividers is made from "Homosote", a board made from 100% recycled newspapers and covered with a fabric made from 100% recycled polyester. An office full of unique, durable office furniture for less than 1/10th of the cost of standard modular furniture is another advantage.



The office chairs are new, but the "Zody" chair by Haworth is the first chair to be **Cradle to Cradle Gold Certified**. This certification means that the manufacturer will take back the chair at the end of its useful life to disassemble and make a new chair, completing the cycle.

Yes, the paint on the walls is green, but it also has very low volatile organic compounds (VOC's) which keeps the air we breathe cleaner, and contains an anti-microbial which inhibits the growth of mold and mildew.

Most of the floor we chose to clean and seal with water based polyurethane, leaving the natural distressed state of the floor. The remainder of the space, we used a carpet tile by LEES which minimizes waste, has 35% recycled content and is **Green Label Certified**, meaning it meets stringent indoor air quality requirements.

The window blinds allow the control of glare while maintaining the view and minimizing heat gain. The direct/indirect lights are controllable so we can adjust the amount of electric lighting dependant on the amount of natural light coming in from the windows and the skylight. Even the bowl on the conference room table is recycled from the original fire bell that used to be on the exterior of the building.

Construction Administration & On-Site Representation

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architect

Responsible for All Construction Progress Meetings and Minutes

Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

Typically On-Site Once Every Two Weeks

(Provide Additional On-Site Representation if Requested)



Our 4 Construction Administrators / Project Coordinators have an extra responsibility than what most firms' Construction Administrators have; our Project Coordinators are a part of the design process from Day 1 (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our Project Coordinators have an important role as being the **liaison between the Owner, Contractor, and Architect**. The primary objective of the Project Coordination services is to ensure completion of work the way the client wants it - **as scheduled and as budgeted**. Our Project Coordinators evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders. The Project Coordinator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.

References

We feel that the best way to demonstrate our strengths and leadership is by referring to our clients. We have an ever-growing list of **repeat clients**, which include having **multiple open-end contracts** with organizations such as the West Virginia State Police, the United States Postal Service [two separate contracts: the Appalachian Area and the Erie/Pittsburgh District in Pennsylvania], the State of West Virginia's Department of Administration, multiple WV County Schools, West Virginia University, and the Wheeling Island Hotel•Casino•Racetrack to name a few. We also have a multitude of interior renovation experience in various sectors of business. We are able to respond to their needs, and we are certain that we are able to respond to all of your needs as well. So that you don't only have to take our word for it; here is a list of references that we encourage you to call (we would be happy to provide more references, if requested):

WEST VIRGINIA STATE POLICE

(Open-End Contract)

Colonel C.R. "Jay" Smithers
725 Jefferson Road
South Charleston, WV 25309
304/746-2115

STATE OF WEST VIRGINIA

(West Virginia State Office Building Complexes)

Mr. Robert P. Krause, PE, AIA
Acting Engineering Manager
General Services Division
1900 Kanawha Boulevard East
Charleston, WV 25305
304/558-9018

WHEELING ISLAND HOTEL•CASINO•RACETRACK

(Open-End Contract)

Mr. Jeff Sellers
Director of Construction
Delaware North Companies, Inc.
40 Fountain Plaza
Buffalo, NY 14201
716/858-5518

UNITED STATES POSTAL SERVICE

(Open-End IQ Contract - Appalachian Area)

Mr. Don Mackey
27497 Albert Pick Road
Greensboro, NC 27498
336/665-2894

ORRICK

(Orrick's Global Operations Center)

Mr. Will Turani
2121 Main Street
Wheeling, WV 26003
304/231-2629

PANHANDLE CLEANING AND RESTORATION

(Office Building and Warehouse)

Mr. Bob Contraguero, Jr.
42 38th Street
Wheeling, WV 26003
304/232-2321



Client Testimonials



West Virginia State Police
725 Jefferson Road
South Charleston, West Virginia 25309-1698
Executive Office

Earl Ray Tomblin
Governor

Colonel C. R. "Jay" Smithers
Superintendent

September 8, 2011

Subject: Reference for McKinley & Associates

To Whom It May Concern:

The West Virginia State Police have had a professional relationship with McKinley & Associates since 1996. Not only do their Architects and Engineers listen to the needs of our law enforcers; they have gone beyond the call of duty to ensure our projects are top quality, run smoothly, and are completed on time.

Sincerely,

Col. C.R. "Jay" Smithers,
Superintendent

Equal Opportunity Employer

Indiana/Kentucky/Ohio Regional Council of Carpenters

JOE MILLER, BUSINESS REPRESENTATIVE

STEUBENVILLE OFFICE * 626 NORTH FOURTH ST. STEUBENVILLE, OHIO 43952
PH: 740-283-1491 * FX: 740-283-1253 * E-MAIL: jmiller@ikorce.com

December 30, 2013

To whom it may concern:

I would like to take this opportunity to convey my sentiments on McKinley and Associates. As a working carpenter, often as foreman or superintendent, I had to analyze and interpret many blueprints, details, shop drawings, and similar items. I know firsthand that a job can be made easy or difficult by the choice of the architectural firm.

When I would start a project, I would always be pleased to see McKinley and Associates name on the drawings, because I knew the job would run smoothly as far as my dealings with the designers.

In my current position as a representative for the carpenters, I am still happy to see McKinley and Associates be awarded projects. I know the job will be completed on time and within budget, which makes our construction customers happy and our contractors who employ our carpenters, look good.

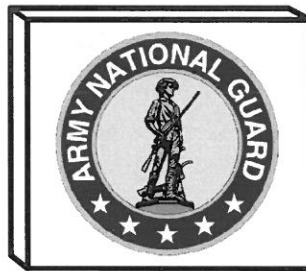
If anyone would have a question or comment on this letter, please feel free to contact me at the information listed above.

Sincerely,
Joe Miller



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Design Team Flow Chart



Project Manager / Point of Contact

Christina Schessler, AIA, LEED AP BD+C

Architecture

Christina Schessler, AIA, LEED AP BD+C
Project Architect / LEED "Green" Design

Patrick J. Rymer, AIA
Architect

Interior Design

Deb Blakeman, NCIDQ #015070

Engineering Team

Tim E. Mizer, PE, RA, QCxP
*Director of Operations /
Architectural Engineer / Architect / Commissioning Agent*

Darren S. Duskey, PE
Electrical Engineer

William D. Ciprella
Senior Mechanical Engineering Designer

Scott D. Kain
Plumbing & Electrical Engineering Designer

Michael A. Heath
HVAC & Fire Protection Engineering Designer

Michael J. Clark
Electrical Engineering Designer

Construction Administration

Robert E. Smith

** McKinley & Associates is willing to dedicate more professionals if they are needed; including Architects and Designers, LEED Accredited Professionals (Energy Efficient "Green" Design), and more.*



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Management and Staffing Capabilities

The work to be performed by your design team is very clear; to evaluate, prioritize and design within budget and schedule to meet the needs of the West Virginia Army National Guard. In the past 32 years we have extensive experience with similar projects. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We are available to start immediately upon our being selected. **We can and will perform for you on time.** This team is an "In-House" team that works together everyday and has done most of the projects here as a group. These team members have been working up to **seventeen years** together at McKinley & Associates. The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems.

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.

The areas of expertise for each member coincides with his/her Role in this Contract. With our large staff we have the ability to have **registered architects and engineers designing within their area of expertise.** HVAC design by a Mechanical Engineer, electrical design by an Electrical Engineer, etc. These professionals are not only "In-House," we also have **depth in numbers** of each discipline in our firm.

We hold **weekly meetings** to discuss your project, the budget, schedule and quality assurance. We provide **Documented Minutes** of all of our meetings and encourage the Owner to participate in these meetings.

Our **Quality Assurance Program** starts with a peer review where a registered professional not involved in the design becomes reviewer of the project before going to bid. Additionally, at our regularly scheduled project meetings the entire design team is constantly reviewing the process.

We are confident we can meet your program requirements. We have worked with owners in many different sectors of business and have been **able to comply with their various requirements and standards**, including Federal Agencies such as the USPS, DOD, FAA, HUD, EPA and NPS, and also **State Agencies** such as **WVARNG**, West Virginia University, Marshall University, WV School Building Authority, West Virginia State Police, DOE, and the Department of Culture & History. 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.

You appropriately recognize how **codes, and state / federal regulations** are important to a successful project. Our professional's design within these codes daily, as our practice is and remains a West Virginia practice and we are dedicated more than ever to the state in which we live. All documents will be prepared with the current WV State Building Code and WV State Fire Code as well as all State and Federal Codes, Regulations, and Ordinances. We are members of many organizations, and follow their standards, such as NFPA, CEFPI, AWI, WVEDC, AIA, NCARB, ASCE, ASPE, BOCA, ASHRAE, and ACI International.

Our **Eleven 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. We have been doing this for **16 years** which has now been adopted as an AIA 101 Standard. We also conduct Post Occupancy Evaluations with the Owner to find out how well we matched the Owners' needs.

11
eleven month walk-through



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Christina Schessler, AIA, LEED AP BD+C

Architect / LEED Accredited Professional



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:

Ohio
Pennsylvania
Virginia
West Virginia

NCARB Certificate - 2005

LEED® Accredited Professional

Member:

American Institute of Architects
City of Wheeling - Building Codes Board
of Appeals
Preservation Alliance of West Virginia
The Association for Preservation Technology
International

Former Member, Board of Director, & Treasurer:

The Midwife Center for Birth & Women's
Health / Pittsburgh, PA

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
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)

Valentour English Bodnar Architects
Mt. Lebanon, PA (1989-1990)

Kenny Williams & Williams Building Diagnostics
Maple Glen, PA (1988)

SUMMARY OF EXPERIENCE:

For over 25 years, Ms. Schessler has obtained a wide range of emergency service, forensic, medical, educational, residential and commercial project experience. She has had the opportunity to participate in the design of a few uncommon building types, such as fire fighting training centers, fire stations, funeral homes, and animal research facilities to name a few. For WV Independence Hall, she won a Heritage Tourism Award from the Preservation Alliance of West Virginia. She also won a Pittsburgh History and Landmarks Restoration Award for the City Theater restoration project. Ms. Schessler 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. Christina will also be able to provide direction to your projects should you wish to develop a design that is intended to achieve **LEED Certification**.

NOTABLE PROFESSIONAL EXPERIENCES:

Project Architect

WVU State Fire Training Academy
Wheeling Island Fire Station renovations
Panhandle Cleaning & Restoration office building and warehouse
Valley Ambulance addition*
USPS Clarksburg Finance Station renovations
USPS Fairmont renovations
Wheeling Island Hotel•Casino•Racetrack renovations
Bennett Square Office Building - 3 Phases / renovations
Wagner Building - Multiple Office renovation projects
Ohio Valley Towers renovations
Steel Valley Regional Transit Authority renovations
WV Independence Hall renovations
Grave Creek Mound Museum renovations
Lincoln National Bank renovations
Braxton County Senior Citizen Center renovations
The Linsly School renovations
Grant County Schools / Multiple renovation projects
Hampshire County Schools - Animal Vet Science Center
Hancock County Schools / Multiple renovation projects
Fairmont State University renovations/addition at Braxton Co. HS
Washington & Jefferson College - Old Main Building renovations
Sisters of St. Joseph Convent renovations

** previous work experience with a firm other than McKinley & Associates*



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Patrick J. Rymer, AIA

Architect

EDUCATION:

University of Tennessee
Bachelor of Architecture - 1999

Memphis Center for Design - 1998

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:
West Virginia

Member:
The American Institute of Architects

NCARB

IDP

ArchNet

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2005 to present)

Capitol Engineering
Charleston, WV (2003-2005)

United Brotherhood of Carpenters & Joiners
(2000-2003)

SUMMARY OF EXPERIENCE:

Mr. Rymer brings nearly 15 years experience in the building design and construction industry. His recent relevant experience includes the project management of several projects, as well as the lead design and construction administration of various Federal, State, County Government and private projects. Bringing a diverse background from the hands on experience of an apprenticeship in the construction trades to project management of multi-million dollar facilities, Mr. Rymer has an intimate understanding of building and design on a holistic level.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard:
Camp Dawson/Fueling Canopies*
Parkersburg Army Aviation Support Facility / Taxiway Repair*
Glen Jean WVANG-AFRC-MEPS Facility*
Parkersburg AASF Apron Rehabilitation*
Williamson Armory, WVANG Wash Pad & Military Parking*
Summersville Readiness Center*
Lewisburg Readiness Center*

West Virginia State Police:
Jackson County Detachment
Kanawha County Troop 4 Headquarters
Berkeley County Detachment

Wellsburg City Hall Building

Regional Economic Development Office, Wheeling:
Parking Facility
Adaptive Reuse Warehouse Study

Comprehensive Educational Facilities Plan for:
Brooke, Hancock, Ohio, Ritchie, Tyler, Wetzel

Hancock County Schools:
Oak Glen Elementary School
Oak Glen Middle School Wrestling Addition
Oak Glen High School Stadium and Field of Dreams
Weir High School Stadium

Marshall Co. Schools - Cameron High School (LEED Registered)

Tyler County Schools:
Board Office Renovations
Bus Maintenance Garage
County-Wide Security SAS Project

Wetzel County Schools:
Bus Wash Addition
Magnolia High
Wetzel County Center for Children and Families

Wood County Schools - Parkersburg South High School

* previous work experience with a firm other than McKinley & Associates



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Deb Blakeman, NCIDQ #015070

Interior Designer



EDUCATION:

University of Charleston
Bachelor of Arts, Interior Design - 1992

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

**National Council for Interior
Design Qualification:**
NCIDQ #015070

Associate Member:

The American Institute of Architects

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Charleston, WV (2004 to present)

HDMR Group Inc
Charleston, WV (2000-2004)

Custom Office Furniture
Charleston, WV (1994-2000)

University of Charleston
Teacher
Charleston, WV (1997-2000)

Interior Design
Charleston, WV (1992-1994)

Freeland Furniture Company
Charleston, WV (1981-1987)

Interior Reflections
Logan, WV (1980-1981)

SUMMARY OF EXPERIENCE:

Deb Blakeman has over 30 combined years of experience in the interior design field including governmental, corporate, residential, banks, education and health care projects. She has knowledge and experience with application of ADA regulations, ergonomic standards, state building code and industrial standards as they apply to interior furnishings, space planning and finishes. As a professional designer, Deb Blakeman believes it is important to find the right balance between organizational and individual needs to increase productivity. Improving comforts through lighting and ergonomically sound furnishings will increase employer performance, and efficient spaces will organize work flow, decreasing communication barriers.

NOTABLE PROFESSIONAL EXPERIENCES:

Building 55 - WV State Office Building Complex (LEED Certified)

McKinley & Associates Charleston Area Office renovations (2009 WV AIA Design Award winner)

United States Postal Service - multiple renovation projects

West Virginia State Police - multiple detachments

West Virginia State Police Academy renovations

Wheeling Island Hotel•Casino•Racetrack - multiple renovations

Panhandle Cleaning & Restoration renovations

Bennet Square Office Building renovations

Wagner Building renovations

WV Department of Health and Human Resources Office Building renovations

Sisters of St. Joseph - Convent renovations

Braxton County Senior Center renovations

West Virginia University - State Fire Training Academy

West Virginia University - Colson Hall renovations

WVU Institute of Technology - Maclin Hall renovations

West Virginia Northern Community College - B. & O. Building

Fairmont State University renovations/addition at Braxton Co. HS

Boone Co. Schools - Ashford Rumble Elementary School renovations

Boone Co. Schools - Boone Co. Honors Academy renovations

Boone Co. Schools - Brookview Elementary School renovations

Boone Co. Schools - Madison Elementary School renovations

Clay Co. Schools - Lizemore Elementary School renovations

Grant Co. Schools - Petersburg High School renovations

Grant Co. Schools - Union Educational Complex renovations

Marshall Co. Schools - Hilltop Elementary School (LEED Certified)

Marshall Co. Schools - Cameron High School (LEED Registered)

Logan Co. Schools - Chapmanville Regional High School

Ohio Co. Schools - Madison Elementary School renovations

Wood Co. Schools - Parkersburg High School renovations

Wood Co. Schools - Williamson High School renovations



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Tim E. Mizer, PE, RA, QCxP

Architectural Engineer / Architect / Commissioning

Director of Operations

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 & Associates
Architect / Engineer
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:

Mr. Mizer is a very talented and unique professional being both a Registered Architect and Professional Engineer. In addition, he is also a Qualified Commissioning Provider. He joined McKinley & Associates in 1995, and has over 30 years of experience. Mizer's background as an Architect and Engineer has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. As the Director of Operations, 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:

WVARNG Mountaineer Challenge Academy

WVARNG Multi-Purpose Building at Camp Dawson

WVARNG Parkersburg AASF #1 - SPCC Certification (2011)

WVARNG Parkersburg AASF #1 - SPCC Certification (2012)

WV Department of Health & Human Resources Office Building
renovation (adaptive reuse of former car dealership)

Building 55 - West Virginia State Building in Logan (LEED Certified)

Building 34 - West Virginia State Office Complex in Weirton

West Virginia State Police - dozens of renovations and additions,
as well as multiple new detachments. Also surveyed, reviewed,
projected, budgeted, and documented 72 police facilities State-Wide

USPS - worked on dozens of Post Offices renovations in multiple
states including West Virginia and Pennsylvania

Wheeling Island Fire Department renovation

Wheeling Island Hotel•Casino•Racetrack - multiple renovations

Ohio County Justice Center renovations

Millennium Centre Technology Park

Panhandle Cleaning & Restoration warehouse and office building
renovation and addition

WVU State Fire Training Academy

Environmental Protection Services, Inc. - SPCC Certification

Nicholas Co. Division of Homeland Security & Emergency
Management

Raleigh County Emergency Services Authority renovations



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Darren S. Duskey, PE

Electrical Engineer

EDUCATION:

The Ohio State University
B.S. Electrical Engineer - 1993

Marshall University
Graduate courses in Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Professional Engineer in:
Ohio
Pennsylvania
West Virginia

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2002 to present)

Pickering Associates
Parkersburg, WV (1997-2002)

Magnetic Specialty, Inc.
Marietta, OH (1995-1997)

Inland Products, Inc.
Columbus, OH (1993-1995)

SUMMARY OF EXPERIENCE:

Mr. Duskey has over 20 years of experience in the governmental, industrial, commercial, educational, historic preservation, and institutional markets with projects ranging from electrical design of State office complexes, State Police detachments, higher educational projects, PK-12 schools, health care facilities, large and small industrial projects, and commercial properties. He has extensive knowledge and experience with the National Electrical Code, state building codes, building industry standards and practices, and has demonstrated the ability to design qualitative and economic solutions to a myriad of challenges.

NOTABLE PROFESSIONAL EXPERIENCES:

Electrical Engineer

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson in Kingwood, WV

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson in Kingwood, WV

United States Postal Service - multiple post office renovations in West Virginia and Pennsylvania

West Virginia State Police - multiple buildings state-wide, including new buildings, additions, and renovations

WVU State Fire Training Academy

Wheeling Island Fire Station renovations

Follansbee City Building renovations

Jefferson County Courthouse Electrical renovations

Building 55 - West Virginia State Building in Logan (LEED Certified)

Building 34 - West Virginia State Building in Weirton, WV

WV Department of Health & Human Resources Office renovations

Panhandle Cleaning & Restoration warehouse and office renovations

Raleigh County Emergency Services Authority renovations

Orrick's Global Operations Center renovations

Hancock County Schools Bond Project (\$56 million)

Cabela's Eastern Distribution Center [New large (~1,200,000 SF) distribution center services, electrical design]

WVU Institute of Technology - Maclin Hall Dormitory (Upgrade electrical service, renovations)

West Virginia University - Colson Hall (Upgrade electrical service, including medium voltage distribution, renovations)

Marshall County Schools - Hilltop Elementary (LEED Certified)

Marshall County Schools - Cameron Middle/High School (LEED Registered project)



William D. Ciprella

Senior Mechanical Engineering Designer

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

ASHRAE

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2009 to present)

Burt Hill
Pittsburgh, Pa (2007-2009)

McKinley & Associates
Wheeling, WV (2005 to 2007)

Astorino Branch Engineers
Pittsburgh, PA (1995-2005)

SUMMARY OF EXPERIENCE:

Mr. Ciprella brings over 45 years experience designing HVAC systems for governmental, industrial, institutional, educational, and commercial facilities. He has 26 years experience using Autocad software, and twelve years using Microstation software. In addition, Bill has 35 years experience using computerized heating and cooling load calculation software. Bill has worked on many multi-million dollar educational projects, dorms such as Maclin Hall, and has experience on various high-rise buildings like the Presbyterian Hospital of Pittsburgh and the Children's Hospital of Pittsburgh; both around 25 stories high.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - Mountaineer Challenge Academy
West Virginia Army National Guard - Multipurpose Building

United States Postal Service - renovations in Clarksburg, WV
United States Postal Service - renovations in Charleston, WV
United States Postal Service - renovations in Martinsburg, WV
United States Postal Service - renovations in Huntington, WV
United States Postal Service - renovations in Grafton, WV
United States Postal Service - renovations in Williamson, WV

United States Postal Service - HVAC & Windows in Altoona, PA
United States Postal Service - renovations in New Cumberland, PA
United States Postal Service - renovations in Corry, PA
United States Postal Service - renovations in Monongahela, PA
United States Postal Service - HVAC in Washington, PA

Big Sandy Superstore Arena & Convention Center boiler renovations

Grave Creek Mound Museum renovations

Capitol Theatre renovations

Hancock County Schools - Oak Glen High Multi-Sports Complex
Hancock County Schools - Weir High Multi-Sports Complex
Hancock County Schools - Field of Dreams

Marshall Co. Schools - Cameron Middle/High School (LEED Registered)

Wood County Schools - Parkersburg High School
Wood County Schools - Parkersburg South High School
Wood County Schools - Williamstown High School
Wood County Schools - Franklin Elementary School HVAC
Wood County Schools - Blennerhassett Middle School HVAC and boiler
Wood County Schools - Kanawha Elementary HVAC

Wetzel County Schools - Long Drain Elementary HVAC
Wetzel County Schools - New Martinsville School HVAC
Wetzel County Schools - Magnolia High School
Wetzel County Schools - Center for Children & Families
Wetzel County Schools - Maintenance Facilities

West Liberty University - Russek Field renovations

West Virginia University - Colson Hall



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Scott D. Kain

Plumbing & Electrical Engineering Designer

EDUCATION:

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

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
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 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 & Associates' 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 & Associates.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson in Kingwood, WV

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson in Kingwood, WV

United States Postal Service - multiple projects

West Virginia State Police - multiple projects

Wheeling Island Hotel•Casino•Racetrack - Multiple Projects

Wheeling Island Fire Station renovations

West Virginia University - State Fire Training Academy

Millennium Centre Technology Park - multiple projects

Panhandle Cleaning & Restoration warehouse and office building

Cameron Middle School/High School (LEED Registered)

Hilltop Elementary School (LEED Certified)

Building 55 - West Virginia State Office Complex in Logan, WV (LEED Certified)

Building 34 - West Virginia State Office Complex in Weirton, WV

West Virginia Health & Human Resources Wheeling Office renovations

West Virginia University - multiple projects

WV Independence Hall renovations

Catholic Heritage Center (office building) renovations

Maxwell Centre (office building) renovations

Orrick Building (office building) renovations

Wagner Building (office building) renovations

Bennett Square Office Building renovations

Sisters of St. Joseph's Convent renovations

Holiday Inn Express & Suites - multiple projects

WVU Institute of Technology - Maclin Hall Dormitory renovations

Hancock County School Bond Project (\$56+ million)

Marshall County School Bond Project (\$38+ million)

Wood County School Bond Project (\$63+ million)



Michael A. Heath

HVAC & Fire Protection Engineering Designer

EDUCATION:

ITT Technical Institute
Associate Degree in Specialized Technology:
Computer-Aided Drafting Technology - 2000

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Mechanical & Fire Protection Designer
Wheeling, WV (2007 to present)

Janus, Inc.
AutoCAD Designer / Project Manager
Pittsburgh, PA (2002-2007)

Comunale Automatic Sprinkler
Fire Protection Designer
Pittsburgh, PA (July 05 - Oct 05)

S.A. Comunale Inc.
Fire Protection Designer
Pittsburgh, PA (2000-2002)

SUMMARY OF EXPERIENCE:

Mr. Heath brings a cross-trained design background to your project, and has vast knowledge in a diverse range of disciplines. He was trained by the National Fire Protection Association (NFPA) in Dallas, Texas, and has used these skills to work on projects from multiple business sectors and with various sizes, such as the 4 story, 1,500,000 square foot David L. Lawrence Convention Center in Pittsburgh, Pennsylvania. He has vast expertise in designing and calculating fire protection systems, standpipes, dry and wet systems, hydraulics, and water cannons; stock listing materials for systems; as well as surveying job sites and frequent business trips to coordinate jobs.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - Multipurpose Building at Camp Dawson

Wheeling Island Hotel•Casino•Racetrack - various renovations

Bennett Square Office Building renovations

Holiday Inn Express Hotel & Suites - multiple projects

Panhandle Cleaning & Restoration warehouse & office building

Cabela's Eastern Distribution Center

West Virginia Health & Human Resources Wheeling Office

Building 55 - West Virginia State Office Building in Logan, WV (LEED Certified)

Silver Company - Moss Neck Storage Building

Carenbauer Wholesale Corporation warehouse addition

PWP Industries

Capitol Theatre renovations

West Virginia Independence Hall renovations

Boone County Schools - multiple projects

Marshall County Schools - multiple projects

Ohio County Schools - multiple projects

Hancock County Schools - multiple projects

Ritchie County Middle/High School

Tyler County Schools - 3 HVAC projects

Wetzel County Schools - Long Drain Elementary

For 14 West Virginia counties; provided Fire Protection and Mechanical assessments at every school (160+ schools), for their 10-year Comprehensive Educational Facilities Plan (CEFP 2010-2020).



Michael J. Clark Sr.

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 & Associates
Electrical Engineering Designer
Wheeling, WV (2012 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:

West Virginia State Office Building in Logan (LEED Certified)
Bennett Square office build-out
Follansbee City Building renovations
Wellsburg City Building renovations
Jefferson County Courthouse renovations
Big Sandy Arena & Convention Center renovations
Silver Company - Moss Neck Storage Building
Carenbauer Wholesale Corporation warehouse addition/renovations
Holiday Inn Express Hotel & Suites / Washington, PA
Holiday Inn Express Hotel & Suites / Cambridge, OH
Grave Creek Mound Museum renovations
Union Bank renovations
City of Steubenville - Parks Lighting
West Liberty University - Football Field Lighting
Brooke County Schools - Adult Learning Center (ALC)
Grant County Schools - Maysville renovations
Hampshire County Schools - Animal Vet Science Center
Hancock County Schools - Weirton Elementary
Hancock County Schools - Oak Glen High renovations
Hancock County Schools - Weir High renovations
Marshall County Schools - Cameron High
The Linsly School's 200th Anniversary Campaign renovations



Robert E. Smith

Construction Administrator (Project Coordinator)

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 (elected in 2009)

Instructor:

Mechanical Engineering, Eastern Gateway
Community College

President:

Mingo Business Association (2007 to present)

Commander:

American Legion Post 351 (2008 to present)

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Construction Administrator / Project Coordinator
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 is a self confident, articulate and highly motivated individual with superior interpersonal and teamwork skills. He has a plethora of experience in mid to upper level personnel management, advanced information systems integration, training, acquisition, contract management, transportation and maintenance, and quality control. He is 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. In addition, has 23 years of direct supervisory experience, as well as 13 years of documented success as an Air Force Officer.

NOTABLE PROFESSIONAL EXPERIENCES:

Construction Administration / Project Coordination for:

Follansbee City Building renovations

Jefferson County Commission - Ohio Valley Towers renovations

Jefferson County Jobs & Family Services renovations

Steel Valley Regional Transit Authority renovations

Lincoln National Bank Building renovations

Cabela's Eastern Distribution Center

City of Steubenville Parks Lighting & Security Project

Cameron American Legion Exterior renovations

Brooke Co. Schools - Follansbee Middle renovations

Grant Co. Schools - Maysville HVAC/Windows

Grant Co. Schools - Union Educational Complex renovations

Hampshire Co. Schools - Animal Vet Science Center

Hancock Co. Schools - A.T. Allison Elementary renovations

Hancock Co. Schools - John D. Rockefeller Career Center renovations

Hancock Co. Schools - New Manchester Elementary renovations

Hancock Co. Schools - Oak Glen High HVAC and renovations

Hancock Co. Schools - Oak Glen High Field of Dreams

Hancock Co. Schools - Oak Glen High Multi-Sports Complex

Hancock Co. Schools - Oak Glen High Wrestling Room

Hancock Co. Schools - Weir High Multi-Sports Complex

Hancock Co. Schools - Weir MS/HS renovations

Hancock Co. Schools - NEW Weirton Elementary

Marshall Co. Schools - NEW Cameron Middle / High School
(LEED Registered)

Marshall Co. Schools - NEW Hilltop Elementary School
(LEED Certified)

Tyler Co. Schools - 3 HVAC projects

Tyler Co. Schools - Bus Maintenance Garage renovations

The Linsly School - Banes Hall renovations

The Linsly School - Behrens Gym renovations



Mountaineer Challenge Academy WV ARMY NATIONAL GUARD

Kingwood, West Virginia

Owner

WV Army National Guard

Size

54,800 SF approx.

Construction Cost

\$12.7 million

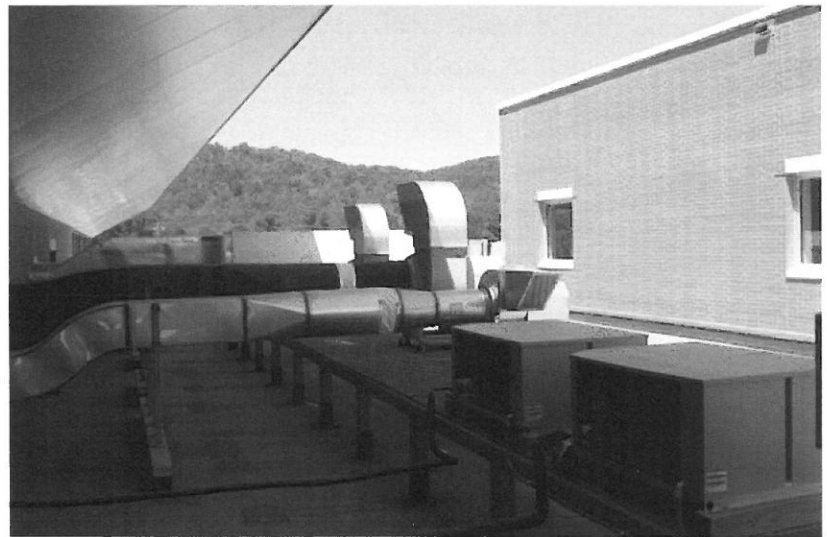
Project Architects

Assemblage Architects

Project Engineers

McKinley & Associates

The Mountaineer ChalleNGe Academy is located at Camp Dawson in Kingwood, WV, and is the first nationwide educational program for at-risk children in a quasi-military setting. Design was in conjunction with Assemblage Architects. Our involvement in this project includes MEP engineering and construction administration. **This project won a 2011 West Virginia AIA Merit Award.** The building program includes staff offices, counselors offices, support staff areas and a medical assistance space to accommodate the needs of the student residents. The residents require classrooms, an exercise area and a full service kitchen with dining facility; these spaces will house 160 young adults living at Camp Dawson as part of the ChalleNGe Academy. The gymnasium accommodates physical activity, weight training, and serves as the central hub of the complex. Drill exercises and formations, as well as graduation ceremonies are held here.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Multi-Purpose Building WV ARMY NATIONAL GUARD

Kingwood, West Virginia

Owner

WV Army National Guard

Size

55,000 SF approx.

Project Architects

Assemblage Architects

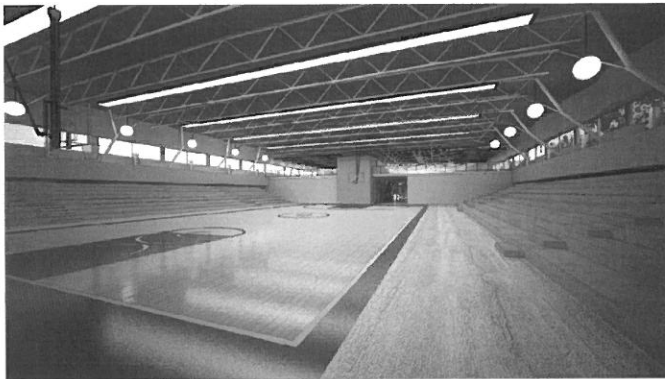
Project Engineers

McKinley & Associates

The mission of the **Multi-Purpose Building** at Camp Dawson is a permanent multi-use masonry steel-framed structure with supporting facilities for military units of the West Virginia Army National Guard. The facility is located in Kingwood, Preston County, WV. Design was in conjunction with Assemblage Architects. Our involvement in this project includes MEP engineering and construction administration. **This project won a 2014 West Virginia AIA Honor Award.** There will be a Phase II building, designed at a later date. The utilities and HVAC Plant will be extended from the Multipurpose Building.

The facility houses a large open space (gymnasium), a physical fitness area, locker rooms, shower facilities, offices, and more. The facility and grounds include parking, attached and detached storage, landscaping, security lighting and fencing, and a unique entry. **This project was designed with energy recovery systems, as well as daylight harvesting in the gym.**

The gymnasium was based on occupancy of 200 exercising, or 3,500 at rest for events/assembly. It includes a tailor-made public address system with wireless microphone inputs for the events. We designed the gymnasium for three lighting scenarios: a) Stage use in Gym, b) Game lighting, c) General everyday lighting.



SPCC Certification Projects

WV ARMY NATIONAL GUARD

Owner

WV Army National Guard

Project Architects-Engineers

McKinley & Associates

Project Manager

Tim E. Mizer, PE, RA, QCxP

2011 - WVARNG Parkersburg AASF #1

In 2011, we were hired to provide a five year review of the existing Spill Prevention, Control & Countermeasure Plan at the Parkersburg Army Aviation Support Facility #1.

Our firm was hired to review all documents including the SPCC plan, Amendment # 1 and Amendment # 2, Site Plan and all compliance documents. We conducted a site visit to review and evaluate information in the SPCC Plan as compared with existing site conditions. We then reviewed and evaluated the SPCC Plan and provided written recommendations/suggestions. We then provided documentation of the review and evaluation on accordance with 40 CFR 112.5 (b).

In the report we changed Table 1 under sections 40 CFR 112(a)(3)(i) and 40 CFR 112.7(a)(3)(iii) to reflect the number of mobile fuel tankers at the facility.

2012 - WVARNG Parkersburg AASF #1

In 2012, we were hired to amend the SPCC Plan at the Parkersburg Army Aviation Support Facility #1. The Commercial Tanker had been removed since our previous certification of their plan in 2011. We reviewed the plan to certify that the facility was still in compliance.

2014 - Various WVARNG Facilities State-Wide

Early this year we were selected to provide Professional Engineer certifications of SPCC amendments and Environmental Equivalence (EE) for select West Virginia Army National Guard facilities. This work started on 18 April 2014 and will be completed by 1 August 2014. Work includes **Certification of Environmental Equivalence for the electrical transformers** at the Moorefield Readiness Center, Morgantown Readiness Center, Gassaway Readiness Center, Buckhannon Readiness Center and the Fairmont Armed Forces Reserve Center; **Certification of Environmental Equivalence for the hydraulic tanks** located at the Fairmont Armed Forces Reserve Center and Camp Dawson; as well as **SPCC Amendments** at Summersville Readiness Center, Lewisburg Readiness Center, Glen Jean Readiness Center, Eleanor Maintenance Facility, Camp Dawson, Wheeling AASF # 2, and Parkersburg AASF # 1.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Open-Ended Contract

WEST VIRGINIA STATE POLICE

State-wide, West Virginia

Owner

West Virginia State Police

Construction Cost

These projects were completed under
3 multi-year open-ended agreements

Project Architects-Engineers

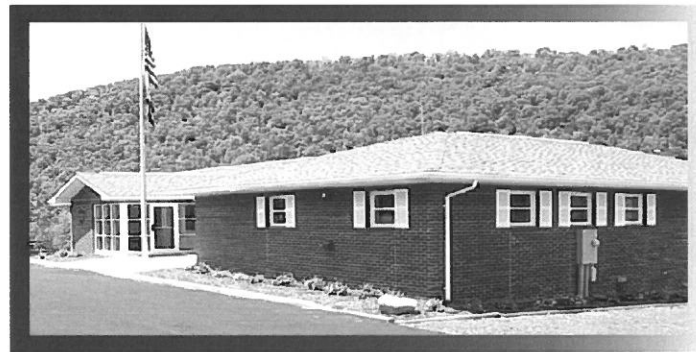
McKinley & Associates

For more than 15 years, McKinley & Associates has been honored to have been selected for **3 consecutive** West Virginia State Police **open-ended contracts** for all architectural and engineering services throughout West Virginia. McKinley & Associates have completed numerous **renovations as well as additions** on police detachments throughout the State, such as in **Clarksburg**, Martinsburg, Franklin, Jackson County, Lewisburg, Moundsville, and Romney to name a few. Moreover, we also have completed design services on multiple **new detachments** in Berkeley, Logan (**construction completed in 2013**), Morgantown, Rainelle, and Wheeling to name a few. Various detachments have **E911 Centers**, such as in Doddridge, Franklin and Romney. Many include garages (some have multiple bays) for their various vehicles. Various detachments have **dormitories for the cadets**. We are proud to showcase continuous work for the West Virginia State Police throughout our region, and we are pleased to say that we have also surveyed, reviewed, projected, budgeted, and documented **72 police facilities** throughout the state.

A new \$4.5 million, 13,000 SF detachment in **Logan County** includes a Dispatch Center with a dispatch room, radio room, a computer rooms with raised access floors, and an uninterruptible power supply (UPS) room with raised access floors. Also included in the detachment is offices, squad bay for 25 Troopers w/workstations, evidence room, 30 trooper lockers, and more. This is the first time **Insulated Concrete Forms (ICF)** have been used for State Police Buildings. ICF's are an almost perfect fit for the detachments they are **cost effective to construct, energy efficient, and secure**. There is also a **daylight clearstory** to let daylight into the internal squad and conference rooms.



Architectural and Engineering design for **renovations and new addition** to the detachment in **Pendleton (Franklin)**. The **3,840 SF of renovations** included providing security for the secretary, replacing door hardware to more secure hardware, a bunkroom, ADA upgrades, exit and emergency lights, and an emergency generator to name a few. The **3,170 SF addition** was for a **911 Center (E911)** that included 2 offices, a communications room, a transmitter room, a kitchen and a vestibule.



A new two story, 11,721 SF building. This \$1.85 million detachment in Morgantown included the following: single-bay garage, Detachment Commander office, District Commander office, Sergeant office, squad room, processing room, evidence room, gun storage room, 2 interview rooms, conference room w/kitchenette, MVI office, and more.



Another example, the two-story, 8,420 SF detachment in Berkeley County (Martinsburg), consisted of a **renovation and an addition**. The 3,620 SF **renovation** included 2 Sergeant offices, evidence room, conference room, interview room, gun storage room, file rooms, and more. The 4,800 SF **addition** included a new garage, Detachment Commander office, squad room, and a processing room to name a few.



McKINLEY & ASSOCIATES
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WVSP Academy WEST VIRGINIA STATE POLICE

Dunbar, West Virginia

Owner

West Virginia State Police

Size

5 Buildings

Construction Cost

\$4.5 million

Project Architects-Engineers

McKinley & Associates

Project Architect

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

Contractor

Multiplex, Inc.



BEFORE

and AFTER



Buildings A, B, & C Renovations

The West Virginia State Police Academy included **renovation of 3 existing buildings**, the demo of a shooting range and replacing that building with a brand new upgraded shooting range control center, and the new training & assembly multi-purpose building. This project was completed in phases, on a building-by-building basis.

The 27,708 SF **Building A** is a 2-story dormitory (for 160 cadets) with classrooms that was built in 1968. This **renovation project** included upgraded HVAC, new boiler and chiller, a new building skin/facade, new windows, an elevator, new floor tile to replace asbestos tile, replacing the shield at the entry, new built-in furniture, repairing the sauna and steam room, new fire alarm and sprinkler system, security system, network computers, electrical, site lighting, signage, and ADA compliance.

The 8,985 SF **Building B** is a 2-story classroom (for 84 cadets) with dorm (for 10 cadets) that was built in 1949. This **renovation project** included a new building skin/facade, new windows, new flooring, new walls, new ceiling tile, and ADA compliance.

The 21,966 SF **Building C** is a classroom (for 100 cadets) with dormitory (for 48 cadets) and cafeteria that was built in the 1970s. This **renovation project** included HVAC, new building skin, new windows, new vestibule, security system, elevator, ADA compliance, new fire alarm, new floors, sprinkler system, lighting, data, signage, and sidewalks.

There was complete removal of **Building D (shooting range)**, and replacement with a new 3,098 SF shooting range with a tower at the center. There is an armament room, the target room, an office area, three standing work benches with power, restrooms, and much more. In addition, the bunker is a controlled environment with alarm system, that has storage for ammunition.

BEFORE
and AFTER



Finally, the **new Multi-Purpose Building** is a 12,500 SF training and assembly building. Included in the building is a 5,500 SF gymnasium with a large storage room, an 1100 SF strength training room, an 1100 SF cardio training room, a 784 SF physical training room, mens and womens locker rooms, an office, and more. This was built with **energy efficiency** in mind, with the use of natural daylighting, self-supporting translucent skylights, kalwalls, and more.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Multiple Clarksburg Projects

UNITED STATES POSTAL SERVICE

Owner

United States Postal Service

Construction Cost

These projects were completed under a multi-year open-ended agreement

Project Architects-Engineers

McKinley & Associates

McKinley & Associates currently has **2 multiple year open-end agreements** with the United States Postal Service. McKinley & Associates is currently under our **3rd consecutive multiple year open-ended contract in West Virginia**, and we provide design services all over the state. Our newest contract is an Indefinite Quantity Contract for Architect / Engineering Services (Contract 360070-11-J-0012) for the Appalachian Area, which includes the State of West Virginia (all 55 counties), 34 counties and 9 independent cities in Southwest Virginia, as well as parts of Tennessee. *(For the other contract, our multiple-year open-end agreement is Contract 362575-09-J-0232 - Indefinite Quantity Contract for Architect and Engineering Services in the Erie/Pittsburgh Area.)*

Since the 1980s, we have worked dozens of times for the USPS in multiple facilities in Harrison County, including the Clarksburg Finance Station, Eastpointe, Bridgeport, and more. One of our most recent projects for the USPS is the Clarksburg Finance Station elevator renovation. This \$375,000 project started out only as an elevator study, which included the site investigation of the existing elevator components. We then provided a report with condition/code assessment including compliance with current USPS standards, options for repair/replacement with recommendations, photos and budget cost estimates, including design and construction administration costs. After reviewing the study, the USPS chose the complete replacement option. Replacement, known as a "modernization" in the elevator industry, required a WV State Historic Preservation Office review since the building is listed on the National Register. The document preparation also included collaboration with on-site staff to provide for on-going occupancy of the building so that the Federal Judge and US Marshals may continue operations during the fit out. **This project is about to be under construction.**

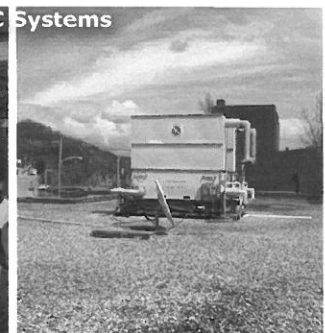
Another Clarksburg project, which was **completed in 2009**, is an HVAC project. The main objective of this \$460,000 project was the replacement of the 120-ton Water Cooled Chiller, which was 24 years old. The typical useful life for a water-cooled chiller, located indoors is approximately 15 to 20 years. This replacement included new piping from the existing shutoff valves to the Chiller, strainer, thermometer, pressure gauge and flexible connectors. In addition to the chiller, was the replacement of two 107-ton Cooling Towers. These towers had rust on them, patches had been welded onto the panels, the controls had been rewired and there were clamps holding the motor mounts in place. This task involved new shutoff valves to the Cooling Tower and Pumps, strainer, thermometer, pressure gauge and flexible connectors; moreover, new piping from the existing shutoff valves. Also, this project involved the replacement of 4 Pumps (2 new Condenser Water Pumps and 2 new Chilled Water Pumps), the installation of new 6' wide door out of the mechanical room, and a Hydronic System Balancing. The demolition included the existing chiller, 2 cooling towers, 4 pumps, and miscellaneous piping, fittings and equipment.



Existing Elevator Door Openings



New HVAC Systems



Open-Ended Contracts

WHEELING ISLAND HOTEL•CASINO•RACETRACK

Wheeling, West Virginia

Owner

Delaware North Companies
Gaming & Entertainment

Construction Cost

multiple projects

Project Architects-Engineers

McKinley & Associates
JCJ Architects



Wheeling Island Hotel•Casino•Racetrack is a prime example of exciting entertainment with class, various events including dog racing, live performances and excellent accommodations. McKinley & Associates is proud to have participated in creating this state of the art gaming facility and hotel by teaming up with JCJ Architects. Our involvement in these various projects have included architecture, engineering, interior design and construction administration. These services are completed under an Open-Ended Contract.

McKinley's various projects in this multi-facility complex have included ADA Compliance projects, Auger Piles, Boiler Relocation, Clubhouse Addition, Clubhouse Sprinkler Design, Electrical Power Upgrades, Entertainment Center, Exposition Hall Structural Analysis, Fairgrounds Remodeling and Renovations, Gaming And Entertainment Facility, Grandstand, HVAC, Island Room Lighting, Kennels, Kennels Site Studies, Kennels Sprint Track, Main Floor Table Gaming, Money Room Design, Money Room Renovations, New Paddock & Ginny Pit, Original Racetrack & Casino Expansion, Paddock - Entrance/Service Building, Phase II Site Presence, Parking Lot, Riverboat Study, Serving Line Restoration, Showroom Structural Evaluation, Simulcast - Electrical Evaluation, Site Development & Lighting, Starbucks, State Lottery Gaming & Office Design, Structural Analysis for Boilers, Track Lighting Redesign, UPS Capacity Study, Video Lottery Expansion II, Various Structural Elements, Wall Repairs, and more.

For one of our most recent projects, they requested an ADA Compliant Elevator. This \$276,275 project involved full design and build services to provide a new elevator to connect the greyhound racetrack, its entry, and shared corridor with the main gaming floor. Though the shaft reached only modest heights, work involved the partial demolition of an existing stairway, and a challenging design and installation. The elevator shaft had to be designed as an independent structure within the building using deep pile foundations immediately adjacent to existing grade beams and deep caissons. In addition, the elevator and floor structure to it, though sized only to meet ADA minimums for access, also had to potentially carry the heavy weight of coin carts just in case staff decided to take a short cut! Other objectives for the design required a tie-in to the existing fire alarm, sprinklering, and a compressed schedule. **This project was recently completed in June of 2013.**



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

State Fire Training Academy WEST VIRGINIA UNIVERSITY

Jackson's Mill, West Virginia

Owner

West Virginia University

Size

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

Construction Cost

\$4.5 million

Project Architects-Engineers

McKinley & Associates

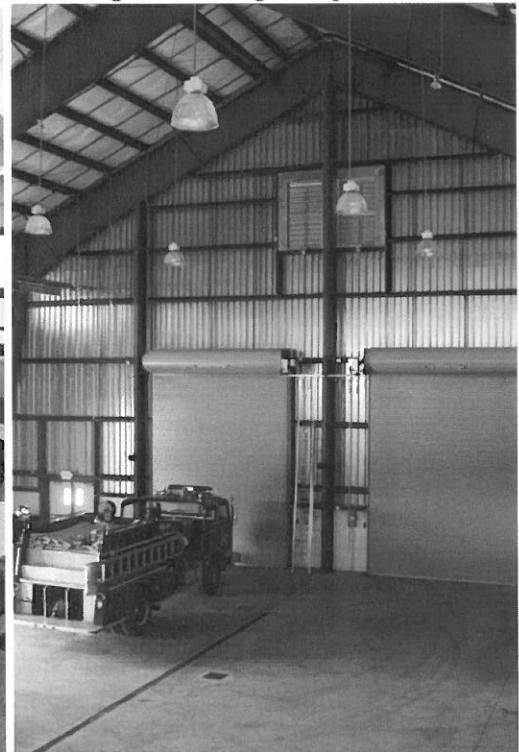
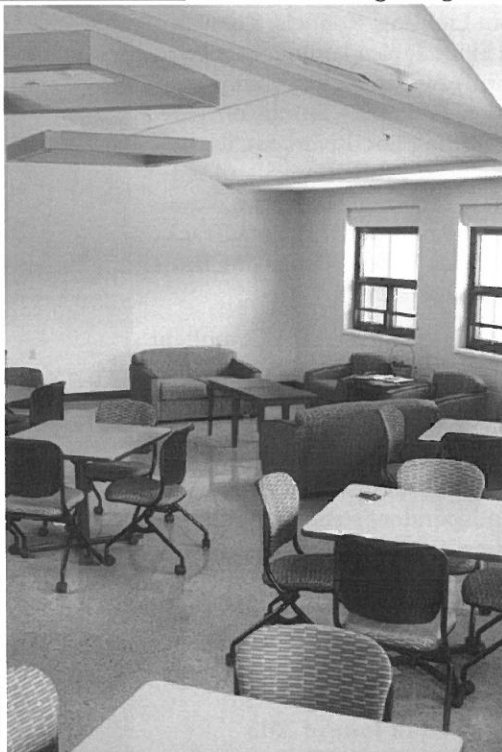
Project Architect

Christina Schessler, AIA, LEED AP BD+C

The \$4.5 million West Virginia State Fire Training Academy is located near the Jackson's Mill 4-H Campus in Lewis County, WV. Because of the proximity to this state historic site, the design directive given by the Owner was to blend into the rural community. The exterior brings to mind a barn set into the sloping terrain in an agricultural setting. The Users we have spoken to enjoy teaching in our facility. Contextually, it "fits" into the Jackson's Mill Campus and local agricultural community. Every year, WVU Fire Service Extension uses this one-of-a-kind facility to train more than 2,000 volunteer and professional firefighters and first-responders from around the state and nation. The facility is also the new home for the high-tech Mobile Aircraft Rescue Fire Fighting Unit and the Mobile Fire Training Unit.

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

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



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

University Police Building WEST VIRGINIA UNIVERSITY

Morgantown, West Virginia

Owner

West Virginia University

Size

11,768 SF

Construction Cost

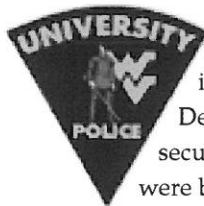
\$450,000

Project Architects-Engineers

McKinley & Associates

Project Architect

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



McKinley & Associates assisted West Virginia University in renovating a new space for the University Police Department. The design of this three-story building included security walls, force protection, and ballistic materials that were built into the existing gypsum board walls to provide security for the **dispatch/emergency communication center**. The **communications center** monitors the CCTV locations around the campus, along with the security phone locations that are provided for campus safety. **The dispatch center serves as the central hub of communications for all WVU campus security issues and acts as the link to the state police and other emergency services. The building houses the Campus Police, emergency dispatch center, secure evidence holding, interrogation rooms, and the police K-9 unit. Construction was completed in 2012.**

The West Virginia Police Department was created in 1961 by an act of the legislature. The department is now challenged with providing services to a campus community of more than 35,000

on a daily basis and providing services to major events that attract more than 800,000 guests per year.

The West Virginia University Police Department is a department of 53 sworn officers who attended the WV Basic Law Enforcement Academy in Charleston for a minimum of 800 hours of instruction in basic law enforcement and certification. The officers are then required to attend in-service training as required by the WV Law Enforcement Training Committee to maintain their certification. In addition to this training, they have a Field Training Program that consists of 16 weeks of departmental training before being able to work alone as an officer.

The department has 10 civilian employees and of this number 7 are assigned to the Communication Section. These communication officers must attend The Association of Public-Safety Communications Officials training course to obtain certification. The training consists of 54 hours for certification with no annual recertification requirement, but the department is developing a training standard requirement. In addition, communications officers must attend 16 hours of training on the National Crime Information Center (NCIC) system with a recertification requirement of every 24 months.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

RALEIGH COUNTY 911 and EMERGENCY OPERATIONS CENTER HVAC

Beaver, West Virginia

Owner

Raleigh County Emergency Services Authority

Size

12,855 SF

Construction Cost

\$250,000

Project Architects-Engineers

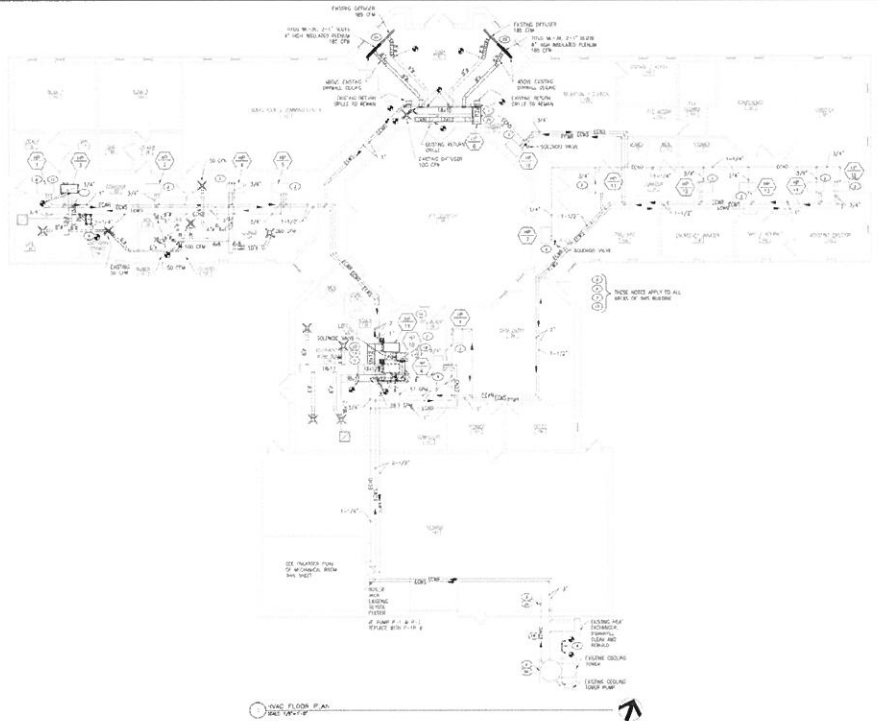
McKinley & Associates

Project Manager

Tim E. Mizer, PE, RA

Contractor

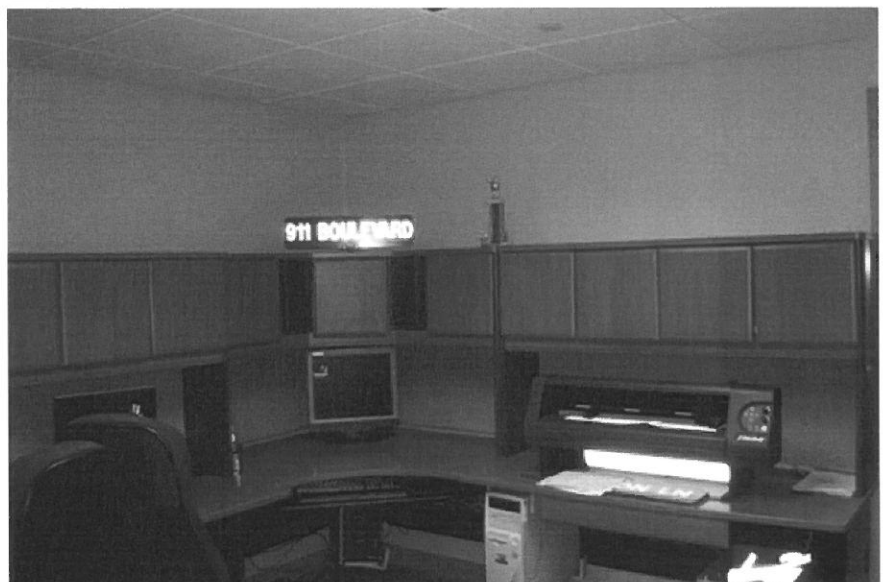
Pennington Plumbing & Heating



McKinley & Associates was commissioned to investigate and provide Construction Documents to repair the ill-functioning HVAC system in the Raleigh County Emergency Services Authority's office building (911 Center and Emergency Operations Center) in Beaver, WV. **In addition to HVAC renovations, the project also includes associated electric work, miscellaneous interior renovations and insulation work.**

Upon investigation of this 13,000 SF facility, it was determined that many of the heat pumps were undersized within the 911 Center's most critical areas (such as the Dispatch Room). More importantly, it also was determined that the building was not constructed architecturally as designed and this deficiency greatly influenced the total building's HVAC system's performance.

Since the facility is a 911 Center, it must remain in operation 24/7; therefore, the pumps will be replaced one at a time so that the building can remain in operation, while the building is being occupied.



Summersville, West Virginia

Nicholas County Division of
Homeland Security & Emergency Management

Size
TBD

Construction Cost
estimated \$5 million

Project Architects-Engineers
McKinley & Associates

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

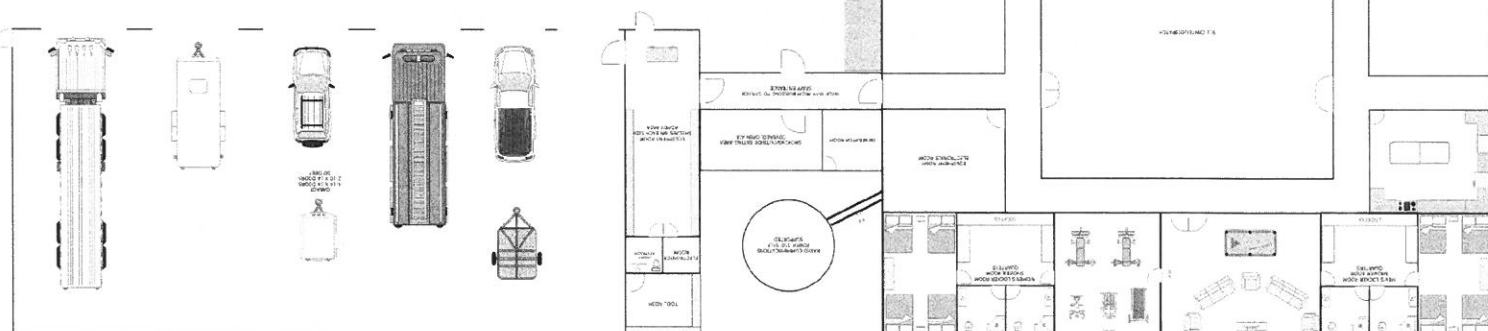
McKinley & Associates was hired to design a new 911 Center and Emergency Management Services building for Nicholas County West Virginia. We are currently working with them to select a site for the new facility. The building will be designed to contain the 911 communication center and act as a hub for the Emergency Management Services in the county. By combining the facility it allows some overlap in the staffing and reduces the operating costs of the building.

The Communication Building will include the 911 Communication Center with 8 consoles and one Supervisor console, a Server / Telecom equipment room, an Emergency Operations Center, a Training Room, small conference room, offices for the Director and Assistant Director, dayroom, break area and bunk space.

The Garage Storage Building includes four bays for vehicles and equipment, tool storage rooms, repair shop, laundry and janitorial spaces.

The buildings will be designed to withstand the climate of the area and be easy to maintain and efficient to operate. The new building will increase the readiness of the first responders by replacing the existing 911 center and emergency services spaces now housed in two different buildings and placing them side by side by reducing the communication time between agencies.

- **Nicholas Co. Emergency Communications Center (911)**
- **Emergency Operations Center**
- **Centralized Storage for Mobile County Resources**
- **Redundancy of Mission Critical Components.
CAD, CAM, Network & Communication**
- **UPS & Backup Power Generator**



Building 55

WV STATE OFFICE COMPLEX

Logan, West Virginia

Owner

State of West Virginia

Size

52,300 SF approx.

Project Architects-Engineers

McKinley & Associates

Project Architect

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

Contractor

Massaro Corporation

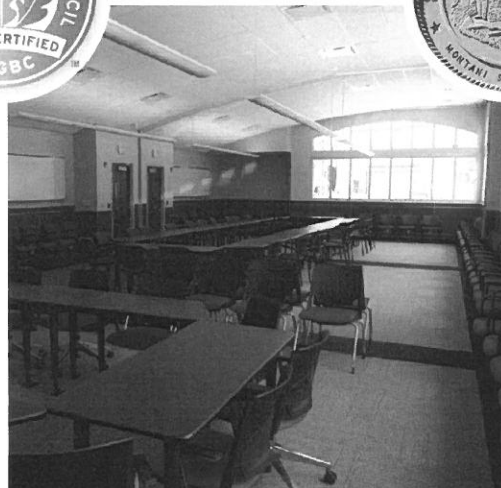
Commissioning Agent

Iams Consulting, LLC

Dedicated on August 16, 2013, this new five story building underscores its major role in the development and revitalization of downtown Logan by uniting office space for various state agencies under one roof, whom were once scattered throughout the city. The agencies include the Department of Health and Human Resources, WorkForce West Virginia, Division of Rehabilitation Services, the Offices of the Insurance Commissioner, State Tax Department and Workforce Investment Board; a total of 127 state employees are now working at this location. The 53,200 SF building provides current technology, flexibility for future growth, and security features for existing and future tenants.

At the request of the Owner, the building was designed to be energy efficient and meet sustainable design goals, confirmed by LEED and energy star requirements. This is **LEED Certified**. To help achieve this, a tight building envelope was created with closed cell foam insulation and thermal efficient windows. One of the unique features of the building is the daylight system. The design takes clues from older buildings that were designed to let daylight penetrate deep into the buildings by necessity. To enhance this effect we added "light louvers" which are devices that redirect daylight to the ceiling and diffuse natural light throughout the space. The open offices were placed around the exterior of the building and the enclosed offices along the interior wall so more of the tenants receive quality light. In addition, interior windows allow the daylight to pass to the center offices.

The stained glass window in the main entry was custom designed to reflect the culture and history of the area; this won a **2013 AIA Craftsmanship Award**. By incorporating history, technology, security and structure; this building has successfully created the desired catalyst for the future of Logan.



WV DEPARTMENT OF HEALTH AND HUMAN RESOURCES OFFICE BUILDING

Wheeling, West Virginia

Owner

WV Department of Administration:
Real Estate Division

Size

56,783 SF

Construction Cost

\$2 million

Project Architects-Engineers

McKinley & Associates

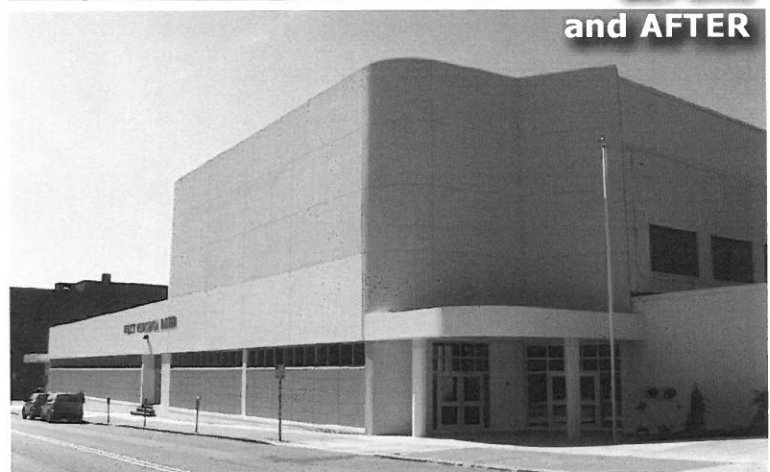
Project Architect

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

We were asked by our client to **renovate** a car showroom and service area into an office space for the Department of Health and Human Resources (DHHR). The building was concrete and designed for cars, not people. The first challenge was to remove a large ramp that connected two floors of the building and level the concrete floors. We worked with our client to fit the DHHR's program into the space and maximize the use of the space. **We had to work around the existing structural walls and columns** and provide fire escapes at the different floor levels of the floor structure.

The project was built in **three phases**: the exterior was completed first, then the interior, and then the parking lot so the project could be **fast tracked** to meet the Owner's 2013 move-in requirements. We worked with the local and state code officials to bring the building into compliance with the current building and fire codes and provide access to all of the occupied areas of the building. We worked with the owner of the building to allow a separate entrance for future tenants of the upper two floors and to keep the renovation cost to a minimum while providing a state of the art facility for the DHHR's use.

The showroom windows were mostly in filled because of the sensitive nature of the materials in the building but windows high on the wall **provide natural daylight** in the space. The building was divided into three distinct spaces: **secure office space, Client space, and training areas**. The Office space is secured from the client area by an access control system. The training space was designed to be stand alone for use by other State staff training.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

WHEELING ISLAND FIRE STATION

Wheeling, West Virginia

Owner

City of Wheeling

Size

8,000 SF approx.

Construction Cost

\$1.3 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Christina Schessler, AIA, LEED AP BD+C

Contractor

Walters Construction



The **Wheeling Island Fire Station renovation** proved to be a very exciting and interesting project for McKinley & Associates. The station was built for the Wheeling Fire Department's Engine Company No. 5, **who not only work here, but also live in this building during their shifts.** The firehouse is equipped with three truck bays for Engine 5, the Regional Emergency

Response Vehicles, and also houses the Fire Department's boat during the winter months. **The living quarters feature a full kitchen and shared living/dining space as well as two semi-private bedrooms plus captain's bedroom and office. There is also an equipment/storage area, locker room, laundry room, exercise room/gym, as well as a shower rinsing area for the firemen when the return from a call.** The building is designed to resist flood damage with vents at the bottom floor line installed to equalize pressure of flood water. All living space was placed on the second floor, which is out of the floodplain. Additionally, there is a platform generator at the top of the 35-foot hose tower. All mechanical equipment is also on the second level. **The building was designed to accommodate the modern fireman and to fit into the neighborhood, while still having the qualities of a traditional firehouse with a look that is recognizable from the street.**

Offices and Warehouse

PANHANDLE CLEANING & RESTORATION

Triadelphia, West Virginia

Owner

Panhandle Cleaning & Restoration

Size

32,000 square feet including
the 6,400 SF 2-story mezzanine

Construction Cost

\$3.5 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Christina Schessler, AIA, LEED AP BD+C

Panhandle Cleaning & Restoration invested \$3.5 million in a renovation, addition, and a new prefabricated metal building. The exterior measures 130'x200', which includes a 6,400 SF 2-story mezzanine within the structure, providing 32,000 total warehouse square feet. The exterior walls are finished with masonry infill and metal siding. Interior space varies between 20' - 30' clear of the metal structure. The free-standing masonry area with a conventionally framed platform above it provides an additional storage area enabling the Owner to take advantage of the 2 ½ story clear height along one end of the warehouse. There are multiple bays and loading docks around this structure. An additional prefabricated 8,600 SF, 2-story office building is attached to the warehouse along the high side of the warehouse.

Panhandle provides **24-hour emergency disaster clean-up services** and therefore required some special plumbing and mechanical systems: a separate de-ionizing water system, fully exhausted ozone decontamination rooms and electronic equipment drying areas were engineered into the warehouse space.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Global Operations Center ORRICK BUILDING



Wheeling, West Virginia

Owner

Orrick, Herrington & Sutcliffe LLP

Size

88,000 SF approx.

Construction Cost

\$8 million

Project Architects-Engineers

McKinley & Associates

Project Architect

David B. McKinley, PE

Contractor

John Russell Construction

This 100 year old warehouse was adaptive reused and renovated to create some of the most creative office space in the State. This four-story, 88,000 SF former historic warehouse is now "Class A" office space in downtown Wheeling. The shell was designed and constructed in 6 months to attract a new tenant (it quickly became the home to the international law firm Orrick. This building soon became the company's Global Operations Center; no other firm has a 24/7 facility that rivals it. It provides the firm and its clients with a central business infrastructure that delivers comprehensive and reliable support services around the world, and around the clock). The building was partially occupied while renovations continued. Architecture & engineering design was completed in-house and included structural, mechanical/HVAC, civil, electrical and fire suppression systems. Security for the facility was to be comparable to the rest of the firm's nation-wide facilities; however, one of the challenges we had to overcome was creating a design which did not appear to be fortress-like. One unique feature, the atrium/lobby, included a four-story open-air design, a skylight, a glass wall for the entryway, 2 new elevators, a stair tower, and multiple bridges/walkways. We provided a new parking with around 85 spaces, which included ADA handicapped accessible spaces. A few years later, when the company increased the amount of their employees, we added a second parking lot with around 112 spaces, which included more ADA handicapped accessible spaces. This \$8 million dollar project won a West Virginia AIA Merit Award.



BEFORE



and AFTER



BEFORE



and AFTER



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

WAGNER BUILDING

Wheeling, West Virginia

Owner

The Maxwell Partners

Size

60,000 SF approx.

Construction Cost

\$6.2 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Christina Schessler,
AIA, LEED AP BD+C

Contractor

Pat R. Ionadi Corp.
& Davison Electric

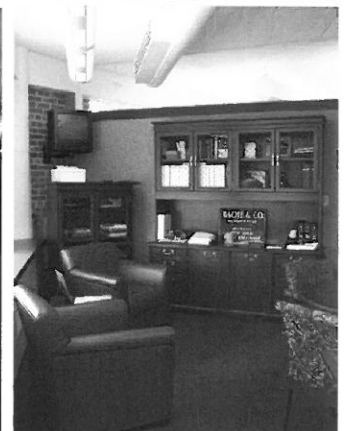
Located in the midst of the renaissance of downtown Wheeling, the historic Wagner Building is listed on the National Register of Historic Places and is the centerpiece of the new 10-acre Celoron Plaza Office Park. The Wagner Building was an old sugar warehouse built in the 1930s, and after being vacant for over 30 years, McKinley & Associates **totally renovated this 7-story structure in phases**, and adaptively reused it into a corporate center that includes beautiful Class "A" office suites as well as a new bank. This original project cost \$6.2 million. This office tower dominates the waterfront skyline and affords tenants incredible and unsurpassed panoramic views of the majestic Ohio River.

Work on this 60,000 square foot structure included **total design of mechanical, electrical and fire suppression systems** as well as all **architectural components**, exterior renovations, two elevator replacements, window replacements, ADA compliance design, and a **total gut of the interior**.

The Wagner Building project is challenging due to the fact that it is/was renovated on a floor-to-floor basis (in multiple phases). We are currently working on renovations on the 5th floor.



**BEFORE
& AFTER**



ARTISAN CENTER

Wheeling, West Virginia

Owner

City of Wheeling

Size

40,000 SF approx.

Construction Cost

\$1.8 million

Project Architects

Murphy & Dittenhoffer

Project Engineers

McKinley & Associates

Contractor

Pat R. Ionadi Corp. & Davison Electric

The Artisan Center at Heritage Square was an adaptive reuse project that involved a **total renovation** of a **former warehouse built in 1867** into a **3-story, 40,000 SF tourist attraction**. This unique historic renovation project features a magnificent three-story Atrium, with an 80 foot high skylight ceiling, and a 60 foot high bridge. All events of 70 people or less are held in the Atrium. The building includes exhibit space, artisan areas, retail shopping, a full service restaurant, as well as a large meeting/reception area. The second floor is split into artisan areas as well as exhibit space. The "Made in Wheeling" Exhibits are interactive, walk-thru exhibits, highlighting Wheeling's rich industrial heritage.

River City Ale Works is a full service restaurant and banquet facility located in the Artisan Center. They offer a 250 seat restaurant and bar on the first floor, and on the third floor is their beautiful 10,000 SF loft area which holds up to 400 people for wedding receptions, banquets, proms, reunions, conferences, community events, ethnic festivals, and other special events.

BEFORE
and AFTER



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

BENNETT SQUARE

Wheeling, West Virginia

Owner
McKinley Properties, LLC

Size
22,000 SF approx.

Construction Cost
\$6.8 million (Phase I only)

Project Architects-Engineers
McKinley & Associates

Project Architect
Christina Schessler, AIA, LEED AP BD+C

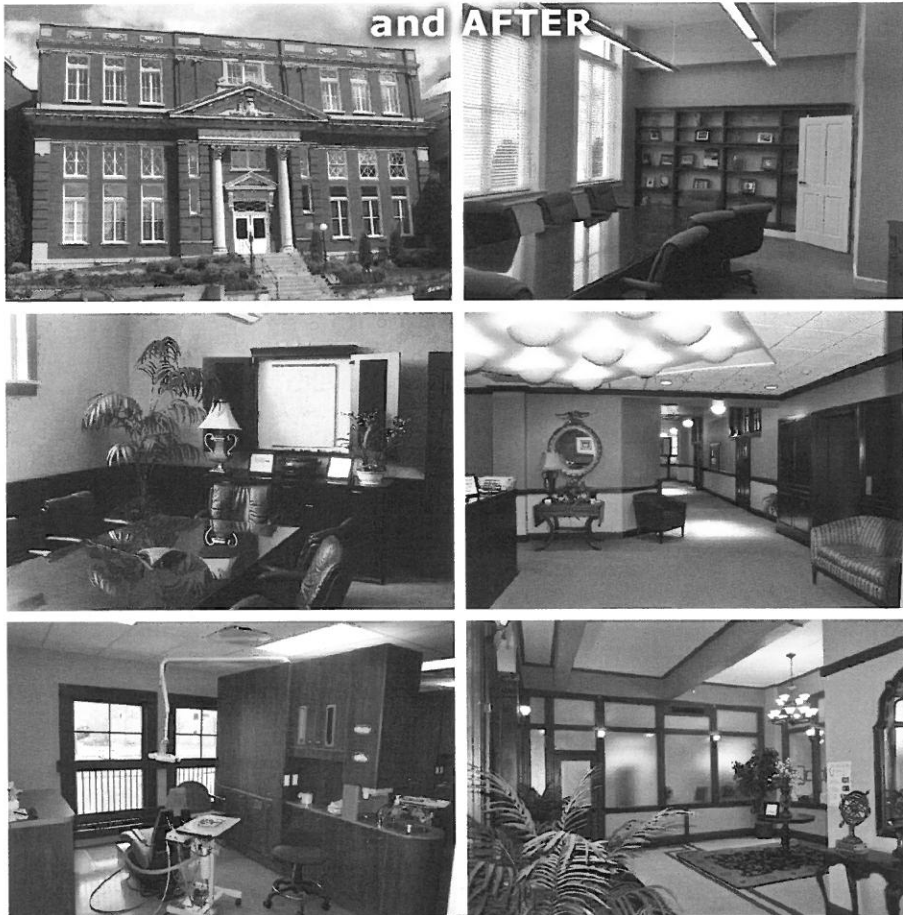
Contractor
Walters Construction

In 2011, **Phase I** was completed on Bennett Square; a historic 3-story, 22,000 SF **renovation/rehabilitation** project of the old Ohio County Public Library Building in Wheeling, WV. The finished project houses "**Class A**" office space in beautifully restored surroundings. The **scope of work includes preserved-in-place and salvaged architectural elements, as well as major electrical and mechanical systems designs.** Renovations included both restored and new windows, doors, paint, stairwell upgrades, terra cotta restoration, exterior masonry pointing, a new roof with multiple skylights, and a new elevator. **Phase II** is currently under design, and will **complete the "Class A" office fit-out for the second floor.** Phase II also includes a front facade restoration including pointing and replacement of the terra cotta banding, cornice, main entrance pediment and window trim, exterior brick masonry pointing and brick unit replacement to match existing. The facade restoration is a direct result of extensive water infiltration around the two upper floors at all the windows and around the physical transition between the plaster ceilings and roof. Documentation for state and federal tax credits is also a part of this project. The building is located in the Centre Market Square Historic District in the National Register of Historic Places.

BEFORE



and AFTER



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Bishop Bernard Schmitt CATHOLIC HERITAGE CENTER

Wheeling, West Virginia

Owner

Catholic Diocese of Wheeling / Charleston

Size

40,000 SF approx.

Construction Cost

\$2.9 million

Project Architects-Engineers

McKinley & Associates

Project Architect

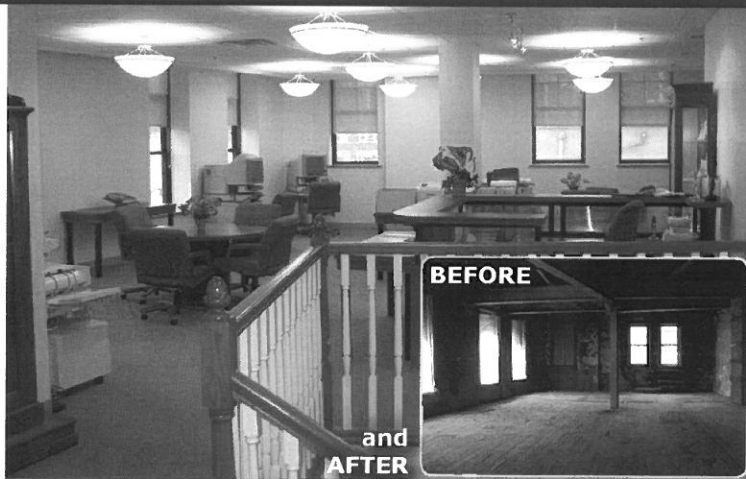
Denis P. Gill, AIA

Contractor

Walters Construction

This **total renovation project** of a 100 year old auto parts warehouse (former Seymour Auto Parts Building) is now the home of all informational records and artifacts of the Wheeling-Charleston Diocese. It exists as a resource for educating and enriching the public about the state's Catholic heritage through exhibits, special programs, outreach activities, access to historical records, and promoting historical research. The building was remodeled in Phases to include space for diocesan offices and archives on the second floor, 3,700 SF of museum-quality exhibits and a conference area on the third floor, as well as retail establishments that rent out the first floor. The building is found in the Centre Market Square Historic District, in the National Register of Historic Places.

Work also included selective demolition and renovation to the exterior elevations of the existing building, construction of 2 canopy additions affixed to the building, limited exterior foundation, concrete, masonry, framing, molded trim & cornice carpentry, EIFS, metal roofing, epdm/metal flashing, sealing, guttering & spouting, painting, roof drainage, storm sewerage trades, removal and replacement of the building's windows, all new systems throughout the structure, new elevators, flood-proofing, fire protection, and ADA compliance. The Archive spaces utilized a specialized HVAC heating, cooling and humidity controls.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN



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

Solicitation

NUMBER

DEFK14024

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

TARA LYLE
304-558-2544

RFQ COPY

TYPE NAME/ADDRESS HERE

V
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*709060537
McKinley & Associates
The Maxwell Centre
32 20th Street - Suite 100
Wheeling, West Virginia 26003

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DIV ENGINEERING & FACILITIES
ARMORY BOARD SECTION

1707 COONSKIN DRIVE
CHARLESTON, WV
25311-1099 304-341-6368

DATE PRINTED

04/08/2014

BID OPENING DATE: 05/08/2014

BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JTB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXPRESSION OF INTEREST (EOI)						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, DIVISION OF ENGINEERING & FACILITIES, WV ARMY NATIONAL GUARD, IS SOLICITING EXPRESSIONS OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR INTERIOR RENOVATIONS AT THE CLARKSBURG ARMED FORCES RESERVE CENTER AND THE WESTON ARMED FORCES RESERVE CENTER, PER THE ATTACHED DOCUMENTATION.						
ATTACHMENTS INCLUDE:						
DEFK14024 EXPRESSION OF INTEREST INSTRUCTIONS TO VENDORS SUBMITTING BIDS GENERAL TERMS AND CONDITIONS CERTIFICATION AND SIGNATURE PAGE PURCHASING AFFIDAVIT						
VENDORS SHOULD PROVIDE ONE (1) ORIGINAL PROPOSAL AND TWO (2) CONVENIENCE HARD COPIES AND ONE (1) SUBMISSION ON CD-ROM.						
SIGNATURE <i>Ernest D. Callahan</i>				TELEPHONE (304) 233-0140		DATE 29 April 2014
TITLE President		FEIN 55-0696478		ADDRESS CHANGES TO BE NOTED ABOVE		

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

McKinley & Associates

(Company)



(Authorized Signature)

Ernest Dellatorre, President

(Representative Name, Title)

(304) 233-0140 / (304) 233-4613

(Phone Number)

(Fax Number)

29 April 2014

(Date)

RFQ No. DEFK14024STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:Vendor's Name: McKinley & AssociatesAuthorized Signature: *Ernest Dillalo* Date: 29 April 2014State of West VirginiaCounty of Ohio, to-wit:Taken, subscribed, and sworn to before me this 29 day of April, 2014.My Commission expires August 16, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC *Kathryn McKinley*

Purchasing Affidavit (Revised 07/01/2012)



WV Licenses & Registrations

On the following pages, you will see copies of our various licenses & registrations as evidence that we are currently registered in the State of West Virginia. These include Christina Schessler's (your project manager / lead architect) Registration & Authorization Certificate to provide Architectural Services in West Virginia (*on this page*), as well as our firm's Certificate of Incorporation, Business Registration Certificate, and Certificate of Authorization for providing Engineering Services in West Virginia. We can also provide more licenses of other Professionals if you wish to see them.

The West Virginia Board of Architects

certifies that

CHRISTINA ANN 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 3810

The registration is in good standing until June 30, 2014.



Leta C. Lewis

Board Administrator



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

WV Licenses & Registrations

BOOK 66 PAGE 793



*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.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

WV Licenses & Registrations

**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.**

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MCKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

WV Licenses & Registrations

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 & ASSOCIATES, INC.

C00366-00

Engineer in Responsible Charge: TIM 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:*

July 1, 2013 - June 30, 2014

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.

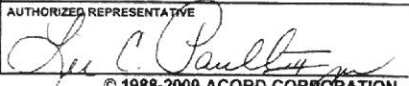
BOARD PRESIDENT



MCKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Insurance

On the following pages, you will see copies of our various Insurance Coverages, including General Liability and Automobile Liability (*on this page*), Professional Liability, and WV Statutory requirement - WV Code §23-4-2 Madolidis (included on Workers Compensation and Employer's Liability Certificate)

ACORD™		CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 06/14/2012															
<p>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.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must 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).</p>																			
PRODUCER Paul Associates 1311 Chapline Street P. O. Box 990 Wheeling, WV 26003-0123			CONTACT NAME: III, Lee Paul PHONE (A/C, No, Ext): 304.233.3303 FAX (A/C, No): 304.233.7524 E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:																
INSURED McKinley & Associates, Inc. The Maxwell Centre 32-20th Street Wheeling, WV 26003			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">INSURER(S) AFFORDING COVERAGE</th> <th style="width: 20%;">NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Cincinnati Insurance Co.</td> <td></td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>			INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Cincinnati Insurance Co.		INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
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INSURER B:																			
INSURER C:																			
INSURER D:																			
INSURER E:																			
INSURER F:																			
<p>COVERAGES CERTIFICATE NUMBER: 12/15 Liability REVISION NUMBER:</p> <p>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.</p>																			
INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS													
A	GENERAL LIABILITY		EPP0146335	06/15/2012	06/15/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPOP AGG \$ 2,000,000													
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR																		
	GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input type="checkbox"/> PRO <input type="checkbox"/> JECT <input type="checkbox"/> LOC																		
	AUTOMOBILE LIABILITY		EPP0146335	06/15/2012	06/15/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$													
	<input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS																		
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE RETENTION \$		EPP0146335	06/15/2012	06/15/2015	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$ \$													
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A				WC STATUTORY LIMITS E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$													
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required) PURCHASE ORDER #DPS0843 ARCHITECTURAL/ENGINEERING SERVICES																			
CERTIFICATE HOLDER STATE OF WEST VIRGINIA DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET EAST P O BOX 50130 CHARLESTON, WV 25305-0130				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 															
ACORD 25 (2009/09) The ACORD name and logo are registered marks of ACORD © 1988-2009 ACORD CORPORATION. All rights reserved.																			

Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/13/2013

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 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 The James B. Oswald Company 1100 Superior Avenue, Suite 1500 Cleveland OH 44114		CONTACT NAME: Patricia Cholewa PHONE (AC, No, Ext): 216-839-2807 FAX (AC, No): 216-839-2815 E-MAIL: PCholewa@oswaldcompanies.com ADDRESS:	
INSURED MCKIN-1 McKinley & Associates, Inc. 32 20th Street #100 Wheeling WV 26003		INSURER(S) AFFORDING COVERAGE INSURER A: Markel Insurance Company NAIC # 38970 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 2066447807

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 SUBR INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO. <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMPIOP AGG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				WC STATUTORY LIMITS E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability Claims Made Retro Date: 9/10/1981	N	Y	AE823084	9/10/2013	9/10/2014	Each Claim \$1,000,000 Aggregate \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, 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

CANCELLATION

Specimen For Purposes of Evidencing Coverage Only WV 26003	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
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Insurance

ACORD_{TM}

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

04/11/2014

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 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 Paul Associates 1311 Chapline Street P. O. Box 990 Wheeling, WV 26003-0123		CONTACT NAME: PHONE (A/C, No., Ext): 304.233.3303 FAX (A/C, No.): 304.233.7524 E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:															
INSURED McKinley & Associates Inc The Maxwell Centre 32-20th Street Wheeling, WV 26003		<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Brickstreet Ins</td> <td>Brick</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAC #	INSURER A: Brickstreet Ins	Brick	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
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COVERAGES

CERTIFICATE NUMBER: 13/14 WC

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 SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS												
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$												
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$												
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE \$ RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$ \$												
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	WCB1018014	12/30/2013	12/30/2014	<table border="1"> <thead> <tr> <th></th> <th>WC STATU-TORY LIMITS</th> <th>OTH-ER</th> </tr> </thead> <tbody> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$</td> <td>1,000,000</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$</td> <td>1,000,000</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$</td> <td>1,000,000</td> </tr> </tbody> </table>		WC STATU-TORY LIMITS	OTH-ER	E.L. EACH ACCIDENT	\$	1,000,000	E.L. DISEASE - EA EMPLOYEE	\$	1,000,000	E.L. DISEASE - POLICY LIMIT	\$	1,000,000
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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 This policy includes Broad Form/WV Madolidis Coverage

CERTIFICATE HOLDER

CANCELLATION

Proof of Workers Compensation	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 
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ACORD 25 (2009/09)

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