



August 11, 2017

Crystal Rink
Senior Buyer
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

08/14/17 10:52:33
Purchasing Division

Dear Ms. Rink and Members of the Selection Team,

We are pleased to provide the West Virginia Army National Guard Construction and Facilities Management Office with our expression of interest to provide architecture and engineering design services for two new buildings located at Camp Dawson in Kingwood, WV, and that we will be developing 2 separate sets of construction bid documents. As you review this submission, we emphasize the following strengths of McKinley & Associates with respect to your proposed project:

McKinley & Associates is a **full-service architectural and engineering firm** that has been providing design services since 1981. We are a 100% ESOP Company (Employee Stock Ownership Plan), so **our employees own 100% of our corporation!** With offices in Wheeling and Charleston, WV and Pittsburgh, PA, we support a professional staff of **Architects, Engineers, Construction Administrators**, a certified Interior Designer, and more. Our staff also includes **LEED Accredited Professionals specializing in Building Design and Construction (LEED AP BD+C)s**, whom are both **Architects**, and can add **energy efficient ("green")** aspects into your projects. McKinley & Associates also offers you an added benefit of having the capabilities of **handling both projects simultaneously**.

McKinley & Associates knows innovative design and the newest technology, and we know how and when to apply it effectively. We have award-winning projects, completed 2 **LEED Certified** and multiple **LEED Registered** projects, designed a project with all LED interior and exterior lighting for the same cost as conventional florescent lighting, and recently designed a VRF HVAC system with anticipated cost reduction of 30%, just to name a few.

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. Most of our clients are repeat, which is a good indication of the services we provide. The main reason we have been able to maintain this relationship is because we **listen to their needs, and deliver**.

Thank you for reviewing our submission and considering McKinley & Associates for your project. We are very excited about the possibility of working with the West Virginia Army National Guard again.

Personal Regards,

Ernest Dellatorre
President

McKinley & Associates
(304) 233-0140

edellatorre@mckinleyassoc.com



West Virginia Army National Guard Construction and Facilities Management Office



Camp Dawson STF - Buildings A and B



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, Planning, and Construction Administration. We have a broad range of skill and experience for projects involving governmental, emergency service, commercial, manufacturing, industrial, warehouse, and much more. McKinley & Associates is 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.



Charleston Enterprise Center - McKinley & Associates' Charleston, WV Office

The Maxwell Centre



McKinley & Associates' Wheeling, WV Office

Firm Information

Ernest Dellatorre
President

Tim Mizer, PE, RA, QCxP
Director of Operations

Gregg Dorfner, AIA, NCARB
Director of Architecture

Date of Incorporation

July 1, 1981
Wheeling, West Virginia

Number of Professionals

Total Size	30
Architects	6
Engineers	3
Construction Admins.	3
Arch./Eng. Designers	9
Interior Designer	1
LEED AP BD+C	2
ALEP (CEFP) / REFP	2
Commissioning Provider	1
Historic Preservationist	1
MIS	1

Locations

32 Twentieth Street - Suite 100
Wheeling, West Virginia 26003

P: 304-233-0140
F: 304-233-4613

1116 Smith Street - Suite 406
Charleston, West Virginia 25301

P: 304-340-4267
F: 304-340-4269

416 Longridge Drive
Pittsburgh, PA 15243

P: 724-223-8250
F: 724-223-8252



www.McKinleyAssoc.com

[www.Facebook.com/McKinleyAssoc](https://www.facebook.com/McKinleyAssoc)

Instagram: @mckinley_and_associates

Credentials

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

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



Qualifications & Services

Founded in 1981, **McKinley & Associates** provides design services for projects representing more than \$100,000,000 annually in construction value. Our professional staff includes Architects, Engineers, architectural & engineering designers, LEED Accredited Professionals specializing in Building Design & Construction (Sustainable and Energy Efficient "Green" Design), Interior Designer, Qualified Commissioning Process Provider, Historic Preservationist, Accredited Learning Environment and Educational Facilities Planners, Graphic Designer, and more. We recently became



\$40 million Cabela's Eastern Distribution Center
(1.2 million SF)

a **100% ESOP Company** (Employee Stock Ownership Plan), so our employees now own 100% of our corporation! We have a **broad range of skills and experience** for projects involving governmental, industrial, commercial, civic, educational, municipal, retail, recreational, manufacturers, and much more. We have provided professional services in all 55 counties of West Virginia.

We are on the forefront of innovative design. We have designed **LEED Certified** and **LEED Registered** projects. Not only

have we won multiple **State and local awards and recognitions** for our designs, we have also won many **National awards and recognitions**; most recently, the J.B. Chambers Performing Arts Center was selected as an Outstanding Design by the American School & University Magazine's Architectural Portfolio.

Our engineering staff has recently had special opportunities and experience related to various typical and atypical building types. For example, our engineering department has designed the first Chilled Beam HVAC System in the State of West Virginia, one of the first Variable Refrigerant Volume / Air-Cooled DX Multi-Zone System in the State, and one of the first buildings in West Virginia with all interior and exterior LED lighting which came in for the same cost as conventional lighting. We have a well rounded range of experiences and are not afraid to take on new challenges.

We have vast building experience with all forms of design/construction from new buildings, to



Millennium Centre Technology Park
(includes Touchstone Research Labs)

upgrades, rehabilitations, adaptive reuse, renovations, as well as additions projects. Our services ranges from feasibility planning and concept design through construction administration. A particularly important and integral part of work is our understanding of the permitting process and agency procedures regarding zoning and building codes, traffic and parking requirements, environment impact assessments, and more.



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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 the Building Conference in Morgantown. In addition, Cameron Middle/High School won the 2014 Black Bear Award for the Highest Achievement for the West Virginia Sustainable Schools program, and was selected 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 Worlledge.



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.



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.

We have **LEED® Accredited Professionals specializing in Building Design & Construction** 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!**
-  **Building 55: West Virginia State Office Complex** in Logan, WV (LEED NC 2.2)

All of our current **LEED Registered Projects** are either under construction or in design with potential **LEED Platinum Certification** or potential **LEED Silver Certification**. Our LEED Registered Projects are (LEED Rating System in parentheses):

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

The LEED AP Specialty Logos signify advanced knowledge in green building practices and specialization in a particular field.



The LEED AP BD+C designation that both Thom and Christina have achieved represents specialization in commercial design and construction.



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.



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!

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

Quality Control

Quality control at McKinley & Associates, Inc. is a constant process which **begins with the initial project activity and continues through document submissions, bidding, construction and owner occupancy.** The longevity and size of the firm and our history of success completing complex and innovative projects is founded upon our commitment to this process.

During the design phases, all personnel become fully versed in the client's program, project requirements and design standards. The design team is responsible for identifying for the West Virginia Army National Guard Construction and Facilities Management Office any potential conflicts between program criteria and design standards and resolving those conflicts to your satisfaction.

As the schematic/concept plans are developed, Patrick J. Rymer, AIA, ALEP / CEFP, your Project Manager, will present plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture (*a peer review with Architects, along with a Construction Administrator, is seen below*). Once a consensus is reached, the plans advance in the process.

Prior to the completion of each phase, a set of project documents is issued to each discipline and consultant (geotechnical, civil/site, and structural) for coordination, cross-checking and review. The following items are checked at that time:

- Drawings and specifications for program compliance.
- Drawings and specifications for internal coordination.
- Cost effectiveness of the design.
- Drawing accuracy.
- Compliance with appropriate codes and client standards.

After coordination check corrections are completed, Patrick will review the documents and compare the completed documents with check prints to verify that corrections have been made in accordance with the project design criteria. A review set will be sent to the WVARNG, the Fire Marshal and other governing authorities for preliminary review.

During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are once again checked by the Project Manager and appropriately referenced on the drawings. Copies of the final documents will be distributed to the West Virginia Army National Guard Construction and Facilities Management Office for final review and approval. A set is sent to the Fire Marshal and other governing authorities for final review comments. Comments are incorporated into the documents prior to issuance for advertising, bidding and construction.

Bid documents are issued after a final check to verify that all bid packages have current revisions included and are appropriately identified. Bid sets are numbered and registered to bidders so that each bidder may be kept informed of clarifications and addenda. We will provide assistance in analyzing and evaluating bids for construction, and assist with awarding the construction contracts.

During the construction, the processing of shop drawings and submittals will be controlled and monitored by Mr. Rymer, and includes the receipt, logging, review and return of submittals. Urgent items can often be expedited to satisfy the construction schedule. In addition, Bob Smith, your Construction Administrator, will monitor the contractor's progress to ensure that they are following the Construction Documents, and verify that closeout documents are submitted in a timely manner upon Substantial Completion.



Construction Administration & On-Site Representation

Construction Administrator Involved from the Beginning of the Design Phase

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architects/Engineers

Responsible for All Construction Progress Meetings and Minutes

Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

**Typically On-Site Once Every Two Weeks
(Provide Additional On-Site Representation if Requested)**



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

Interior Design



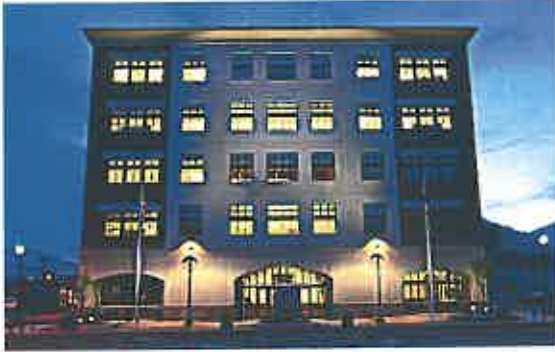
Basic interior services begin with a strategy session designed to determine the owner's project requirements, timetable and budget. The interviews will include analyzing space requirements, operating procedures, communication relationships and future needs. Inventory of existing conditions are used to 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 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.



References



LEED Project **Building 55: WV State Office Complex in Logan**
Mr. Gregory L. Melton
State of West Virginia
General Services Division
1900 Kanawha Boulevard East
Charleston, WV 25305
304 / 558-1808



**Millennium Centre Technology Park
& Touchstone Research Laboratory**
Mr. Craig O'Leary
Ohio Valley Industrial & Business
Development Corporation
P.O. Box 1029
Wheeling, WV 26003
304 / 232-7722



**2 Open-Ended IDIQ Contracts
(multiple Processing & Distribution Center)**
Mr. Michael Douglass
United States Postal Service
27497 Albert Pick Road
Greensboro, NC 27498
336 / 665-2875



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

**West Virginia Army National Guard
Construction and Facilities Management Office**



Camp Dawson STF - Buildings A and B



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Approach & Staffing Capabilities

The work to be performed by your design team is very clear; to evaluate, prioritize and design the **Camp Dawson STF - Buildings A and B within budget and schedule to meet the needs of the West Virginia Army National Guard Construction and Facilities Management Office.** The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We have LEED Accredited Professionals specializing in Building Design & Construction who can help choose energy efficient solutions. In addition, our Interior Designer can help choose color schemes, floors, walls, cabinetry, counters, and more fixtures and furnishings to make the buildings aesthetically pleasing. We are available to start **immediately** upon our being selected. We can and will perform for you on time.

The most important element of the entire process becomes **communication** from you to our designers. We use and welcome your input throughout the project. We continually achieve success in projects by maintaining **time and cost management, quality control and excellent communication** amongst the client and contractors. The way that we have historically achieved success with ANY construction project is by understanding fully the needs pertinent to the project by reviewing with the building Owner as early on as possible. Initial meetings with the users and staff will incorporate references to the standard with the object goal of determining budget, design and logistical priorities for the project. To start your project, a kickoff meeting will be held with all pertaining Owners representatives along with all the design professionals. From this meeting the Owners Project Requirements (OPR) will be defined and documented, to be used as a guideline through the design phase. We will use all this information to aid in the design of the 2 buildings.

We understand we will provide architecture and engineering design services for two new buildings located at West Virginia National Guard's Camp Dawson, Kingwood, WV. We understand we will be developing two (2) separate sets of construction bid documents, along with Construction Administration Services.

Building A is a 40' X 60' open bay building; located in Kingwood, WV, Camp Dawson, and is only to be designed to 10%; conception drawing are all that is being contracted at this time for this building. The main function for this building will be a workout facility for troop training. However, the option will be left open in this contract for the remainder of the design for Building A to be completed based upon hourly rates contingent upon available funding. The building shall be well insulated to be as energy efficient as possible. The building is to not have any windows on the outside walls and shall have at least (1) one wall that is rigid enough to bounce medicine balls; as example a CMU or concrete wall; the building shall have 14' ceilings. The front door of the building is to have at least a 6' opening with no or a removable center post, to allow for moving training equipment in and out of the building. The building shall have one 3' X 7' man door located on the right hand side of the building to align with the adjacent buildings man door. The walkway between the buildings shall be covered and protected from the weather. There shall be multiple hard points located in the ceiling with the ability to connect climbing ropes. Locations of hard points to be discussed during design review. The building shall have conditioned air system(s) HVAC. The building shall be heated with natural gas as the fuel type. The floor shall be polished concrete. Electrical outlets shall be placed approximately every 6' around the perimeter of the building. Electrical outlets will also need to be installed recessed in the floor. Location of floor receptacles to be discussed during the design process.

Building B is to be designed to 100% construction documents. Building B is a 120' X 60' mixed use building; the building is divided into two sections; a 54' X 60' portion that is unconditioned storage with no HVAC. The remaining portion (CIF) of the building 66' X 60' shall be well insulated to be as energy efficient as possible. In the 66' X 60' portion of the building shall have 12' X 14' interview rooms; each with a man

Approach & Staffing Capabilities

door and a window. The walls in this area shall be drywall, and floors finished and ceilings shall be 8' high. There shall be a double bowl sink with a counter top, a clothes washer and dryer, floor receptacles for three sewing machines. The three sewing machines are to be included. The CIF area shall also have steel caging with four (4) double 4' doors, 4' -6" from the wall.

In the past 36 years we have extensive experience with projects that have similar goals and objectives. We have completed several mixed-use buildings, energy efficient buildings, training buildings, workout facilities, buildings with interview rooms, buildings with walls rigid enough to bounce medicine balls, high ceilings with hard points to connect climbing ropes, etc. Please see the "Projects" tab for examples. We know we can complete your project to the and meet your goals. We are proud of our past projects with you.

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. You appropriately recognize how codes, and state / federal regulations are important to a successful project. Our professionals 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. McKinley & Associates has a good working relationship with the Fire Marshal and 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 team members have been working up to nineteen years together at McKinley & Associates. Our "in-house" registered professional architects and engineers work together everyday and have done most of the projects here as a group, which gives us the ability to develop quality construction documents that an exclusively architectural firm - without engineering discipline in-house - cannot match. 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 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. Also, during construction, our Construction Administrators monitor the contractor's progress to ensure that they are following the Construction Documents.

Our 11-Month Walk-Through is a process where our professionals return to your facility eleven months after the project is completed. At that time they review all the work that was completed and check all warranties. We are making sure all of the covered work is in order and that the warranties do not expire with equipment or product not working properly. We have been doing this for 19 years, long before it being 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.

McKinley & Associates is on the forefront of innovative design. We have designed LEED Certified and LEED Registered projects. Not only have we won multiple State and local awards and recognitions for our designs, we have also won many National awards and recognitions; some of these are: WV AIA - Honor Award & 3 Merit Awards, WV Department of Environmental Protection - Clean Energy Environmental Award, WV GreenWorks - 5 Placemaker Awards, Governor's Award for Historic Preservation, 2 U.S. Department of Education Green Ribbon Schools, Building of America - Gold Medal Green Building Award, and multiple other awards/recognitions.

Design Team Flow Chart



Project Manager / Point of Contact
Patrick J. Rymer, AIA, ALEP / CEFP

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

Engineering Team
Tim E. Mizer, PE, RA, QCxP
*Director of Operations /
Architectural Engineer / Architect / Commissioning Provider*
Scott D. Kain
Plumbing & Electrical Engineering Designer
Michael A. Heath
HVAC & Fire Protection Engineering Designer
Michael J. Clark
Electrical Engineering Designer

Energy Efficient "Green" Design
Thomas R. Worlledge, AIA, LEED AP BD+C, REFP
Christina Schessler, AIA, LEED AP BD+C

Interior Design
Deb Blakeman, NCIDQ #015070

Construction Administration
Robert E. Smith

* McKinley & Associates is willing to dedicate more professionals if they are needed; including more Architects and Designers, LEED Accredited Professionals, and more.

Patrick J. Rymer, AIA, ALEP / CEFP

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 (AIA)
Accredited Learning Environment Planner (ALEP)
- [formerly known as Certified Educational
Facility Professional (CEFP)]

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 over 15 years experience in the building design and construction industry, which includes multiple governmental projects. 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 - Multiple Projects, State-Wide:
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 - Open End A/E Contract / multiple
projects, including Jackson County Detachment, Kanawha County
Troop 4 Headquarters, & Berkeley County Detachment

Brooke County Schools - NEW Brooke Middle School

Hancock County Schools - Open End Contract / multiple projects,
including Oak Glen Elementary School, Oak Glen Middle School
Wrestling Addition, Oak Glen High School Stadium and Multi-Sports
Complex, Oak Glen Field of Dreams, & Weir High School Stadium
and Multi-Sports Complex

Marshall County Schools / multiple projects including NEW Cameron
Middle/High School (LEED Registered), Cameron Elementary School
Addition & Renovations, Cameron Fieldhouse, Cameron High School,
Center McMechen Elementary School Renovation, & John Marshall
High School Stadium Renovation

Tyler County Schools - Open End Contract / multiple projects,
including Board of Education Administrative Office Renovation,
Tyler County Middle School/High School renovations, County-Wide
Security and School Access Safety Project, & more

Wetzel County Schools - Open End Contract / multiple projects,
including Magnolia High Addition/Renovations, New Martinsville
Renovations, Short Line Elementary Addition, WCCCF Renovations,
County-Wide Window Replacement Project, & more

Wood County Schools - Parkersburg South High School

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

Regional Economic Development Office, Wheeling - multiple projects

Wellsburg City Hall Building

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

Tim E. Mizer, PE, RA, QCxP

Architectural Engineer / Architect / Commissioning Provider

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
Director of Operations
Architect / Engineer / Commissioning
Wheeling, WV (1995 to present)

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

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

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

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

SUMMARY OF EXPERIENCE:

A very talented and unique professional who is registered both in engineering and architecture. In addition, he is also a Qualified Commissioning Provider. Mizer's background as both 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. Furthermore, as a qualified commissioning process provider, he has been formally trained to fully understand how integrated HVAC systems function and how systems interface with others to run your building efficiently. As the Director of 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. He has worked on many relevant projects, such as building assessments, office buildings, tenant fit-outs, energy efficient projects, and more.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - multiple projects

Millennium Centre Technology Park

Cabela's Eastern Distribution Center

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

Marshall County Schools - Hilltop Elementary (LEED Certified)

Panhandle Cleaning & Restoration warehouse and office building

Building 34: WV State Office Complex in Weirton

WVDHHR's new Ohio County office fit-out

Orrick's Global Operations Center

West Virginia State Police - multiple projects state-wide

United States Postal Service - statewide post offices

Wheeling Island Hotel•Casino•Racetrack multiple projects

Maxwell Centre office building fit-outs

Bennett Square office building fit-outs

Wagner Building office building fit-outs

2000 Main Street Multi-Use Complex

West Virginia University - Colson Hall office fit-out

West Virginia University - State Fire Training Academy

West Virginia University - University Police Building renovations

Raleigh County Emergency Services Authority's 911 Center and
Emergency Operations Center renovations

Jefferson County Jobs & Family Services

Harrison County Jobs & Family Services

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 - multiple projects
Millennium Centre Technology Park
WVSU's Gus R. Douglass Economic Development Center (DigiSo)
Building 55: WV State Office Complex in Logan (LEED Certified)
Cabela's Eastern Distribution Center
Panhandle Cleaning & Restoration warehouse and office building
United States Postal Service - statewide post office and process & distribution facility projects
Building 34: WV State Office Complex in Weirton
WVDHHR's new Ohio County office fit-out
WVDRS Wheeling District's new office space fit-out
Orrick's Global Operations Center
Maxwell Centre multi-use building
Bennett Square multi-use building
Wagner Building multi-use building
2000 Main Street Multi-Use Complex
West Virginia State Police - multiple projects state-wide
Wheeling Island Hotel•Casino•Racetrack multiple projects
West Virginia University - Colson Hall office building renovations
West Virginia University - new State Fire Training Academy
WVU Institute of Technology - Maclin Hall renovations
WLU Student Union - bookstore/gift shop, concessions, lounge
FSU - new College Student Housing Apartments Complex
Wheeling Island Fire Station
VAMC Beckley
Braxton County Senior Center
Marshall County Schools - Hilltop Elementary School (LEED Certified)
Marshall County Schools - Cameron High School (LEED Registered)

Michael A. Heath

HVAC / Mechanical & 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:

Building 55: WV State Office Complex in Logan (LEED Certified)
Panhandle Cleaning & Restoration warehouse & office building
Cabela's Eastern Distribution Center
West Virginia Army National Guard - Multipurpose Building at Camp Dawson
Carenbauer Wholesale Corp. office renovations / new warehouse
Silver Company - Moss Neck Storage Building
PWP Industries
Bennett Square multi-use building
WVDHHR's new Ohio County office building fit-out
WVDRS Wheeling District's new office space fit-out
Wheeling Island Hotel•Casino•Racetrack - various projects
West Virginia Independence Hall renovations
Candlewood Suites Hotel
Holiday Inn Express Hotel & Suites
Capitol Theatre renovations
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).
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 projects
Tyler County Schools - 3 HVAC renovations
Wetzel County Schools - Long Drain Elementary renovations

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:

Building 55: WV State Office Complex in Logan (LEED Certified)
Carenbauer Wholesale Corp. office renovation/warehouse addition
Silver Company - Moss Neck Storage Building
Bennett Square office build-out
WVDRS Wheeling District's new office space fit-out
Follansbee City Building
Wellsburg City Building
Jefferson County Courthouse
Union Bank renovations
City of Steubenville - Parks Lighting
Candlewood Suites Hotel
Holiday Inn Express Hotel & Suites
Grave Creek Mound Museum renovations
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 renovations

Deb Blakeman, NCIDQ #015070

Interior Designer



National Council for
Interior Design Qualification

EDUCATION:

University of Charleston
Bachelor of Arts, Interior Design - 1992

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

**National Council for Interior
Design Qualification:**
NCIDQ [REDACTED]

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 corporate facilities, banks, residential, 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. Ms. Blakeman has spent a lot of time researching LEED-approved furnishings, finishes, etc. to make the interior energy conservation aspect a success in multiple sustainable projects. 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:

Interior Designer

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

WVSU's Gus R. Douglass Economic Development Center (DigiSo)
renovations/adaptive reuse

Charleston Enterprise Center office renovations / adaptive reuse (WV AIA
Design Award winner - energy efficient "green" design)

Bennett Square business center multiple tenants fit-outs

Mythology Marketing office fit-out

Panhandle Cleaning & Restoration office, workshop, warehouse

West Virginia University - Open-End A/E contract / Colson Hall
renovations, new State Fire Training Academy, WVU Institute of
Technology's Maclin Hall Dormitory, and more

West Virginia State Police - Open-End A/E contract / multiple projects
across WV, including many WVSP Academy buildings, new Logan
Detachment, and more

Wheeling Island Hotel•Casino•Racetrack - On-Call contract / multiple
projects

Hancock County Schools - District-Wide Construction Program / multiple
projects: new construction, renovations, & additions

Boone County Schools - multiple renovations and new addition projects

Marshall County Schools - multiple projects, including Hilltop Elementary
(LEED Certified) and Cameron High (LEED Registered)

WV Northern Community College - multiple projects, including Education
Center renovations and B. & O. Building renovations

Fairmont State University - College Student Housing Apartments Complex

Braxton County Senior Center renovations

Adjunct Professor

University of Charleston

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

Specialized LEED Accredited Professional / Architect



EDUCATION:

Virginia Polytechnic Institute & State University
Master of Architecture - 1992

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

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

West Virginia
Ohio
Pennsylvania
Tennessee
Virginia

National Board Certification:

NCARB [REDACTED]

President:

West Virginia Society of Architects

Member:

The American Institute of Architects
US Green Building Council
Sustainable Building Industries Council
Recognized Educational Facility Professional
(REFP)

Former voting member:

ASHRAE 90.1 International Energy Code
Committee

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Manager, Charleston Office
Charleston, WV (2005 to present)

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

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

TAG Architects
Charleston, WV (1985-1990)

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

SUMMARY OF EXPERIENCE:

Mr. Worledge is a skilled Architect with over 30 years of experience, who has been the former President of the WV chapter of AIA, has received State and National design awards, and placed in National and Global design competitions. Unlike many architects who are new to green building and alternate energy, Thom started his career designing and building alternate energy systems, and was the first LEED Accredited Professional in West Virginia! He believes energy efficient design is simply good design practice. As a **LEED Accredited Professional specializing in Building Design & Construction (LEED AP BD+C)** and a **recognized sustainable design expert**, he has **2 LEED Certified projects, multiple LEED Registered projects**, several other energy-efficient projects, has articles published in State and National trade publications, was a featured speaker at multiple State and National conferences, served on the committee that set the ASHRAE 90.1 Standards for the International Energy Code, professionally teaches and trains other professionals in the art of High Performance Design, is a Founder & Chairman of the Board for the US Green Building Council's West Virginia Chapter, and much more.

NOTABLE PROFESSIONAL ACHIEVEMENTS:

Building 55: WV State Office Complex in Logan (**LEED Certified**)
Marshall County Schools - Hilltop Elementary School (**LEED Certified - won multiple WV and National Awards & Recognitions**)
WVSU's Gus R. Douglass Economic Development Center / DigiSo
United States Postal Service - multiple projects throughout WV
West Virginia Plaster and Cement Masons Training Building
Williamson Redevelopment Authority's SMART Office fit-out (**LEED Registered / 2013 Placemaker Award**)
Fairmont State University - 3 building "University Terrace" College Apartments Housing Complex
Natural Energy Design (NED) Building (**energy efficient "green" / 2013 Placemaker Award**)
Bellann in Oakhill, WV (**LEED Registered**)
Charleston Enterprise Center office renovation (**2009 WV AIA Design Award winner / energy efficient "green" design**)
West Virginia State Police - New Logan Detachment
West Virginia State Police Academy - Renovations to Buildings A, B, and C; New Buildings D, Shooting Range, and Multi-Purpose Building
West Virginia Department of Health & Human Resources' Ohio County Office Building fit-out / renovations
West Virginia University - University Police Building renovations
WVU Institute of Technology - Maclin Hall Dormitory renovation
Veterans Affairs Medical Centers - multiple VAMCs around WV and PA
Wood County Schools - Parkersburg High renovation (\$23 million) & Williamstown High renovation (\$13.5 million)

Christina Schessler, AIA, LEED AP BD+C

Specialized LEED Accredited Professional / Architect



EDUCATION:

The Pennsylvania State University
Bachelor of Architecture - 1988

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

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

West Virginia
Ohio
Pennsylvania
Virginia

NCARB Certificate - 2005

LEED® Accredited Professional

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 governmental, commercial, educational, emergency service, forensic, medical, and residential project experience. 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. As a **LEED Accredited Professional specializing in Building Design & Construction**, Christina will also be able to provide direction to your project to develop a design that includes energy efficiency. She completed her Masters in Historic Preservation, and has a passion for renovation, restoration, and modernization projects. For Independence Hall and Bennett Square, she won Heritage Tourism Awards from the Preservation Alliance of West Virginia. She has also won other design awards for WV and PA projects.

NOTABLE PROFESSIONAL EXPERIENCES:

- Panhandle Cleaning & Restoration office building & warehouse
- United States Postal Service - 2 Open-End IDIQ contracts / multiple projects in a few States
- West Virginia University's Fire Training Academy at Jackson's Mill
- Wheeling Island Fire Station
- South Branch Career & Technical Center - new Annex
- Steel Valley Regional Transit Authority Administrative and Maintenance Complex renovations
- The Towers Building - multiple phases
- City of Steubenville historic façades & roofs - On-Call A/E contract
- Harrison County Courthouse roof
- Wheeling Island Hotel•Casino•Racetrack - On-Call A/E contract / multiple projects
- Bennett Square Office Building - 3 Phases
- Wagner Building - multiple phases
- West Virginia Independence Hall
- The Linsly School's 200th Anniversary Campaign - multiple projects
- Grant County Schools - multiple projects
- Hancock County Schools - District-Wide Construction Program - multiple projects
- Ohio County Schools - multiple projects
- Grave Creek Mound Museum Restrooms & Auditorium renovations

Robert E. Smith

Construction Administrator

EDUCATION:

University of Pittsburgh
M.S. Industrial Engineering - 1989

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

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Board Member:
Indian Creek School District

Instructor:
Mechanical Engineering, Eastern Gateway
Community College

Village Administrator:
City of Mingo Junction

Commander:
American Legion Post 351

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Construction Administrator
Wheeling, WV (2009 to present)

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

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

MILITARY SERVICE:

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

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - AASF#1 hangar renovations
United States Postal Service - multiple projects thru multiple open-ended IDIQ contracts
Cabela's Eastern Distribution Center
Fairmont State University's new 3 building "University Terrace" Student Housing Apartment Complex
Steel Valley Regional Transit Authority renovations
The Towers Building office building renovations, multiple phases
Follansbee City Building renovations
Jefferson County Courthouse renovations & Annex demo
Jefferson County Jobs & Family Services office renovations
Harrison County Courthouse roof historic preservation /renovations
Lincoln National Bank Building renovations
City of Steubenville Parks Lighting & Security Project
Cameron American Legion exterior renovations
Brooke County Schools - Brooke High HVAC, new Brooke Middle, Follansbee Middle & Carlin Dodrill Fieldhouse renovations
Grant County Schools - Maysville Elementary & gymnasium renovations & Union Educational Complex renovations
Hancock County Schools - A.T. Allison Elementary renovations, New Manchester Elementary renovations, Oak Glen High renovations, Oak Glen High Multi-Sports Complex, Oak Glen Middle addition/renovations, Senator John D. Rockefeller IV Career Center HVAC, Weir High Multi-Sports Complex, Weir MS/HS HVAC, & new Weirton Elementary
Marshall County Schools - new Cameron High (LEED Registered) & new Hilltop Elementary (LEED Certified)
Tyler County Schools - 3 Elementary Schools HVAC renovations
The Linsly School - Banes Hall addition/renovations & Behrens Memorial Gymnasium renovations



West Virginia Army National Guard Construction and Facilities Management Office



Camp Dawson STF - Buildings A and B



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

West Virginia Army National Guard Multi-Purpose Building / Gymnasium

Kingwood, West Virginia

Owner

West Virginia Army National Guard

Size

55,000 SF approx.

Construction Cost

\$12.7 million

Project Architects

Assemblage Architects

Project Engineers

McKinley & Associates

McKinley & Associates was on a team with Assemblage Architects to create this facility. Our involvement in this project includes **MEP engineering and construction administration**. The mission of the \$12.7 million **Multi-Purpose Building / Gymnasium** at Camp Dawson is a **new permanent multi-use masonry steel-framed structure** with supporting facilities for military units of the West Virginia Army National Guard. The facility serves as the **primary physical training and event space** for the WVARNG. **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/assembly room)**, 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 gymnasium/assembly room.**

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



West Virginia Army National Guard Mountaineer Challenge Academy

Kingwood, West Virginia

Owner

West Virginia Army National Guard

Size

54,800 SF approx.

Construction Cost

\$16 million

Project Architects

Assemblage Architects

Project Engineers

McKinley & Associates

The \$16 million Mountaineer Challenge Academy won a **2011 West Virginia AIA Merit Award**. Design was in conjunction with Assemblage Architects. Our involvement in this project includes **mechanical, electrical, plumbing, and fire protection engineering, as well as construction administration services**. The building program includes staff offices, counselors offices, support staff areas and a medical assistance space to accommodate the needs of the student residents. The residents require classrooms, a **multi-purpose assembly/exercise/gymnasium, fitness room, locker and shower rooms, restrooms, and a community room / dining facility with an adjacent full service kitchen**; these spaces will accommodate the 160 young adults living at Camp Dawson as part of the Challenge Academy. The first floor of the wing contains multiple classrooms and offices, while the second floor contains multiple offices, conference, recruiting, and server rooms. **The fitness room has various cardiovascular and weigh machines for cardio and strength training. The multi-purpose assembly/exercise/gymnasium accommodates physical activity, weight training, assemblies, banquets, and receptions, and serves as the central hub of the complex. Drill exercises and formations, as well as graduation ceremonies are held here.** The U-shaped building creates a **large, central courtyard / plaza** which includes a long shed-roof covered pavilion, along with a circular, concrete amphitheater. This courtyard / plaza is a **multi-purpose outdoor events area** for student functions, receptions, **training activities, drills and formations**, educational purposes, and more.



Hancock County Schools

Senator John D. Rockefeller IV Career Center

New Cumberland, WV

Owner

Hancock County Schools

Size

65,000 SF

Construction Cost

\$1.2 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Gregg P. Dorfner, AIA

Contractor

W.G. Tomko

McKinley & Associates has **completed over \$71 million in projects over the years for Hancock County Schools**. Most recently, multiple projects were just completed as a part of a **\$56 million District-Wide Construction Program**. This was a **phased project**, where we **carefully scheduled more than a dozen projects**. This involved **multiple renovations/upgrades/rehabilitations, additions, and a new school**.

The goal of this **Senator John D. Rockefeller IV Career Center project** was a **total building HVAC systems upgrade**. This facility houses many **"Hands-On" Courses of Study** such as **Welding, Auto Collision Repair Tech, Automotive Technology, Carpentry, Electronic Systems Tech, and Diesel Equipment Tech**, in addition to other more classroom related studies. All of these upgrades were designed and constructed to **meet all applicable OSHA standards** and with the proper requirements as defined by the applicable programming needs. We were required to review the existing instructional program space planning within the building and **designed new HVAC equipment** including new chiller, rooftop units and mezzanine mounted air handlers sizes and oriented to **achieve the proper ventilation and exhaust requirements for each occupancy zone**. This project scope also included **electrical service upgrades** to support the new chiller and additional power requirements **supporting the instructional program growth**. We also connected the new HVAC controls of this building to the **County-Wide Building Control System**.

This project also included HVAC testing, balancing, and controls training for the building maintenance personnel. **The \$1.2 million project was completed achieving the total renovation close out with less than 1% in total change orders!**



Hampshire County Career Training Center

Animal Veterinary Research Science Center

Romney, West Virginia

Owner

Hampshire County Schools

Size

4,800 SF

Construction Cost

\$1.5 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Christina Schessler,
AIA, LEED AP BD+C

Contractor

Harbel Inc. Construction

This new Animal Veterinary Research Science Center is a 4,800 SF facility that includes a classroom for 24 students, biology lab, surgery room with pre and post-op spaces, grooming/bathing room, dog room with 6 indoor/outdoor kennels connected by dog doors, cat room with 3-tiered modular suites, laundry, instructors office, showering & restrooms facilities, specialty HVAC, and a 16' long display case for awards and recognition student achievements. The types of services included new construction, classroom and office facilities, laboratory facilities, research facilities, technical and specialized facilities, life safety compliance, landscape design, interior design, programming, HVAC, electrical, plumbing, sprinkler and fire alarm, utility improvements, and much more.



This is utilized by the Hampshire County Career Training Center and Hampshire Senior High School where students are provided the opportunity to receive job training while in school. The students are more prepared to enter the work force or continue their education in the related field of study. Their Animal Systems programs area of concentration includes Equine Management Specialization, Animal Science Specialization, Large Animal Management Specialization, Small Animal Management Specialization, and Veterinary Science Specialization. This also holds a Veterinary Assistant trade school training program which is a welcome addition to their current program, and is the first of its kind in the State. Students are now afforded the opportunity to work in a comprehensive animal and veterinary science facility where real animal studies will be conducted using current animal advancements. This includes, but not limited to: surgery, anesthesiology, ultrasound, urinalysis, fecal analysis, hematology, microbiology, genetics and reproduction technologies.

The main purpose of this Building Project was to give a new "home" to an already engaged community of students within this program of study; therefore, the input of the building occupants (teachers and students) was taken into much consideration and provided much usable information for helping set the building parameters. First, we were to achieve a building with stand alone HVAC systems divided by occupancy (animal, veterinary care, and classroom/lab) while also meeting building code requirements regarding ventilation and exhaust rates. This requirement was

met with energy efficient solutions, while also meeting the required ventilation and exhaust rates by integrating smart control systems with built-in overrides for occupancy of students and animals housed within the building. Secondly, the building was to be constructed for durability and ease of use while also giving a sense of pride in ownership. The first step in meeting this requirement was recommending the most functional site placement not only for visibility but also ease of travel path within the existing infrastructure confines. Equally important was the transition space between the existing facilities and this building. Once inside we were able to achieve the ease of use by "toughening" the finishes within the animal occupied areas and locker/shower facilities with building products designed for durability and sterilization processes. The classroom/lab space was also designed with longevity and durability in mind, but with the feel of a more traditional and warm environment. Finally, we were challenged to provide an extremely safe building environment for animal/student/and teacher. By early communication with all project personnel (facility, administration, and staff/student) we were able to bring together a design and program for the building that would best fit the end users while also balancing all the requirements of the project.

Hampshire Animal systems concentrations in multiple recent years has had a 100% placement in the animal and veterinary science field with students studying race horse management, pre-veterinary medicine, and animal science as well as students who entered the work force as general trained laborers. The program has entered into an articulation agreement with Eastern WV Community and Technical College. Students in the program can receive an Associates of Technical Studies Degree in Animal Vet Science upon their graduation from high school. This is the first technical degree to be earned while in high school. The college honors all 5 courses taught including 3 courses that are Science credits: Applied Animal Anatomy and Physiology, Animal Vet Surgical Practice, and Animal Vet Science (first in WV). In addition, they are fully endorsed by the West Virginia University Extension Service. They also participated in the Model New Farming Program by WVU Extension at the WV Small Farms Conference. Their Animal Vet Science program is an award winning program.

Panhandle Cleaning & Restoration

Triadelphia, West Virginia

Owner

Panhandle Cleaning & Restoration

Size

40,600 SF

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 new **prefabricated metal building expansion/renovation** project for a **warehouse, factory, garage, and office building**. The new **warehouse's** exterior measures **130'x200'**, which includes a **6,400 SF 2-story workshop mezzanine** within the structure, providing **32,000 total square feet**. An additional **8,600 SF, 2-story office building** is attached along the high side of the warehouse. The exterior warehouse walls are finished with **masonry infill and metal siding**. Interior warehouse 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; the garages fit vehicles of various sizes. Panhandle provides 24-hour emergency disaster clean-up services and therefore required some **special plumbing, mechanical, electric and data systems**: a separate de-ionizing water system, fully exhausted ozone decontamination rooms and electronic equipment drying areas were engineered into the space. The first floor of the mezzanine is the "**Contents Processing Facility**" where the main "cleaning and restoration" takes place; this is broken into **multiple rooms (Electronics Dis-Assembly/Cleaning Area, Electronics Re-Assembly Area, Esporta Station, Ultrasonic Station, Laundry Room, Wash Bay, 2 U-Shaped Stations, and more)**, and many have **specialized components and considerations** we had to design, such as **roller conveyors, casework, workbenches, various countertop heights, mobile rolling racks, rinse stations, and specialty electric to name a few**. The office building also includes custom furnishings and finishes. This expansion of the original business now allows Panhandle to employ about 100 workers.



Millennium Centre Technology Park

Triadelphia, West Virginia

Owner

Ohio Valley Industrial & Business
Development Corporation

Size

Multiple Phases & Sizes

Construction Cost

Multiple Phases & Costs

Project Architects-Engineers

McKinley & Associates

Project Architect

Charles T. Moore, AIA

Contractor

Cattrell Companies, Inc.

The Millennium Centre is a 20-acre technology park located along Interstate 70. McKinley & Associates is proud to have participated in creating these state of the art facilities with the Ohio Valley Industrial & Business Development Corporation, through the Design/Build process with Cattrell Companies, Inc. There are various buildings and tenants on the site, which include multiple phases and expansions. With our Clients being confident their businesses would "take off," but did not have the finances to build exactly what they were hoping for; we designed these buildings in such a way that they all could easily expand in the future. Therefore, many of these buildings have had multiple additions, and we successfully used a phasing technique to accomplish these expansions. For example, Phase II was a 15,000 SF masonry and frame building, including complete electrical, plumbing, mechanical, fire protection, landscape, and paving work. Shortly after, a 6,620 SF addition to this building was completed, and included sitework, paving, foundations, slab on grade, superstructure, exterior closure, roofing, interior construction, mechanical, plumbing, and electrical.

One of the main tenants in this advanced industrial park is Touchstone Research Laboratory, who occupy Building #4, which is 42,875 square feet and \$2.2 million. This is the largest privately owned commercial laboratory in the region. They have a full blown research and development facility with electron microscopes, chemistry laboratories, mechanical testing laboratories, finite element analysis, a design center, scientists and engineers of all types and much more. Touchstone also built a manufacturing plant at the Millennium Centre. These are Research & Development facilities that adapts to their clients' needs – not built for narrow goals – but built to be innovative. In addition to its R&D services, Touchstone offers failure analysis and materials testing. The magazine Advanced Materials & Processes has called Touchstone, "One of the best equipped labs of its size in the country." Touchstone has various spin-out organizations on-site, such as Touchstone Advanced Composites, and Touchstone manufactures multiple products, such as CFOAM, MetPreg, ceramic matrix composites, and much more.

There were also multiple specialized design elements throughout the buildings. One building tenant had requested 20' - 35' roof clearances; another requested reinforced foundations to withstand 100,000 pounds compressive loads. There are multi-bay shipping docks, specialty HVAC (especially laboratory exhaust, ventilation, dust collection, etc.) systems, floors and pits requirements for autoclaves and kilns, and "Raw Material Handling" rooms among these unique specifications. There is also materials characterization equipment, microbiological laboratory, hundreds of pieces of analytical equipment, machine shops, foundry, rolling mills, a composite facility, and much more. We designed a medium-voltage service from the utility, with medium-voltage service and distribution equipment. We also designed medium-voltage underground feeders to two transformer/low-voltage substations.



West Virginia State University

Economic Development Center / DigiSo

Charleston, West Virginia

Owner

West Virginia State University

Size

5,032 SF

Construction Cost

\$850,000

Project Architects-Engineers

McKinley & Associates

Project Architect

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

WVSU's **Gus R. Douglass Economic Development Center (EDC)** is top of mind and **nationally recognized** for regional digital/creative/innovation economy education, **workforce programming, creative business acceleration and incubation**, sustainable community development, and as an ambassador for WVSU Extension Service, WVSU degree programs, and multidisciplinary program innovation. The EDC supports the growth of sustainable communities and digital, creative and **innovation economy workers, businesses, and communities** by creating and facilitating creative economy and innovation-centered education and **workforce development programs**, social capital building events, and equally creative program delivery models, and by initiating and participating in collaborative community-building programs. They offer research-driven education and workforce training programs based on **trending and emerging industry workforce data**. They also have an **innovative business incubator/accelerator program designed to serve in-house tenants, and non-tenant, new economy businesses.**

McKinley & Associates masterfully renovated an office building into the **multi-functional space** including **10 offices**, the "open" **Oasis area**, **2 workforce training rooms/meeting rooms** built with flex space (one is a gallery, as well), **DigiSo Multimedia Production Studio** and **Makerspace**, conference room, kitchen, and restrooms. The exterior of the building is simple and modern featuring a glass storefront, and outdoor tables for the visiting chefs. We also provided **interior design services**, such as **room finishes, paint, carpets, floor tiles, exposed structures, decorative ceiling grid, etc.** The shared offices are equipped with VOIP phones, fiber enabled broadband, copy/fax/receptionist support. The **Oasis area** includes an informal meeting space with seating, a **6-seat workbar, five drop-in workstations**, lobby, reception, 3 internet TVs and a coffee bar w/ microwave, fridge, etc. The **DigiSo Multimedia Production Studio** offers mobile creatives, solopreneurs, and students professional video capture space with large green screen, high def cameras, lighting kits, grid, jib, etc.; as well as voice studio, control booth, and editing suites. The voice and capture studios have special rubber tile floors and acoustically enhanced ceilings and wall coverings. **Furthermore, the basement is the DigiSo Makerspace: an additional 5,000 SF of collaborative desktop fabrication and prototyping space and equipment for tinkerers of all ages, including but not limited to inventors, researchers, scientists, jewelry makers, artisans, students and others curious about the Maker movement. This is a civic innovation lab, where people come together to share resources and knowledge to build and make things; with interests and skills that range from electronics, robotics, satellites, gaming, security, industrial design, prototyping, sewing, traditional craft, etc. Heavy emphasis on use and development of free software, open hardware, and alternative media. Everybody has access to prototyping space, tools, and specialty equipment like soldering stations, laser cutters, 3D printers, sewing machines and computers with open-source design software. Through the DigiSo brand, EDC is positioned to serve the regional community as part talent hub, part incubator, part accelerator, part new-media-new-business think-tank. The EDC is a physical and virtual talent convener, designed exclusively to engage, develop, and support entrepreneurs, ideas, and opportunities in digital and creative industries. The EDC features co-working / collaborative workspaces, semi-private work areas, private meeting rooms, large and collaborative work areas. The EDC offers large and small training rooms; PC laptops loaded with design and creative software; MacBook Pro laptops, also loaded with design and creative software; in-house projector and screen; huge LCD monitors; professional sound; and video conferencing.**



Building 55 West Virginia 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



City leaders were searching for a catalyst to stimulate community efforts to revitalize downtown Logan, West Virginia. This recently completed office building - dedicated on August 16, 2013 - has become that inspiration. The building is designed to reflect the history and culture of the area while incorporating current technology and safety elements, thus empowering the community leaders to create a vibrant connected urban core. This new 5-story building underscores its major role in the development and revitalization of downtown Logan by uniting office space for 127 employees for 6 State agencies under one roof, whom were once scattered throughout the city. The agencies include the Department of Health and Human Resources, Division of Rehabilitation Services, the Offices of the Insurance Commissioner, State Tax Department, WorkForce West Virginia, and Workforce Investment Board. The 53,200 SF building provides current technology, flexibility for future growth, and security features for existing and future tenants. In March 2014, this project became **LEED Certified**.

At the request of the Owner, the building was designed to be energy efficient "green" and meet sustainable design goals. To help achieve this, the HVAC system included the installation of 2 high efficiency condensing boilers, pumps with variable speed drive control, custom air handling units with chilled and hot water coils, variable air volume boxes with hot water heating coils, water cooled chiller with cooling tower, packaged rooftop energy recovery ventilator, and direct digital controls. In addition, 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 which 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. For another feature,

the plaza uses recycled brick pavers from the demolished street; the patterns intersect at a quilt star, a symbol of West Virginia heritage that is carried into the building's main entry. It is interesting to point out a stained glass window feature in this entry, which won a 2013 AIA Craftsmanship Award. It is custom designed to reflect the culture and history of the area (images of a coal tippie, arrowheads, West Virginia Quilt Star, old Logan courthouse, etc.) and use as much glass from West Virginia Manufacturers as possible.

There is a back-up/emergency generator for life safety systems and data server rooms, which powers emergency lighting and provides backup power to critical building systems. It is a 300kW, 480/277V, 3 Phase, 4W diesel generator with outdoor enclosure, concrete pad, and in-base fuel tank. The generator, Automatic Transfer Switches (ATS), controls, and annunciator meet the requirements of NFPA 110, "Standard for Emergency and Standby Power Systems".



Building 34 West Virginia State Office Complex

Weirton, West Virginia

Owner

State of West Virginia

Size

39,500 SF

Construction Cost

\$4 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Gregg P. Dorfner, AIA, REFP

Contractor

Walters Construction



To better serve the citizens of the Northern Panhandle of the State, the State of West Virginia established an office building in the City of Weirton. This **Weirton State Office Complex (also known as Building 34)** is a \$4 million state-of-the-art building that houses offices for multiple state agencies. This State Office Building was completed in 2006, and accommodates the Bureau of Employment Programs, the Department of Health and Human Resources, the Division of Motor Vehicles, the Lottery Commission, Rehabilitation Services and the Work Force Investment Board. This 2-story, 39,500 SF building was constructed with a structural steel frame and concrete foundations, cast concrete floors, precast concrete panel system, EPDM roof, two elevators, rooftop HVAC System, and building automation system. For parking, there was a large main lot and separate smaller lots to accommodate every client and/or building in the complex; this includes 14 handicapped parking spaces. Also included was site work. For security, the entire building has swipe-card access, CCTV video monitoring and other surveillance equipment, an x-ray machine, metal detector, employee-only entrances, uninterruptible power supply, bullet-proof glazing and tinted/reflective glazing. There are various finishes and furnishing, such as bulletproof transaction windows, various door styles and swipe-access, desks, work stations, kitchen finishes, laminated countertops, adjustable shelving, different floor materials (carpet, carpet tile, vinyl composite tile, unglazed ceramic tile, solid vinyl tile, and sealed concrete), painted or glazed ceramic tile walls, and more.



The first and second floor building commons spaces includes entry, security, lobby, restrooms, elevators, stairs, break room, conference room, and more. The DMV spaces on the first floor includes work stations, offices, break room, a large waiting area, license center, driver's testing room, photo area, data, plate/storage room, employee-only entrances, and more. The Lottery spaces on the first floor includes an office, an "open" office room, conference, separate entrance/lobby, security room, supply room, and data room. The Rehab spaces on the first floor includes 7 offices, clerical, conference room, waiting room, employee-only entrance, and more. The Bureau of Employment Programs spaces on the first floor includes 2 "open" work station rooms, manager offices, counselor office, a large waiting room, hearing room/conference, training room, server room, and storage. The DHHR spaces on the second floor includes 14 offices, an "open" office east and an "open" office west, work rooms, waiting room, reception, classroom/conference, regular conference room, resource room, interview room, family visitation room, multiple swipe-card access doors, employee-only entrance, server rooms, storage rooms, and more.



2 Open-Ended IDIQ Contracts

United States Postal Service

Appalachian Area (West Virginia & Virginia) and Erie/Pittsburgh District in Pennsylvania

Owner

United States Postal Service

Construction Cost & Size

Multiple projects completed under
2 multi-year open-ended contracts

Project Architects-Engineers

McKinley & Associates



McKinley & Associates currently has **2 multiple year open-ended IDIQ agreements with the United States Postal Service**. One is for the **Appalachian Area** [Indefinite Quantity Contract 360070-15-J-0095, which includes the State of West Virginia, and 49 counties and/or independent cities in Virginia], which was just awarded on September 29, 2015, and is our **fourth consecutive** multiple year open-ended contract for WV. We have been working throughout West Virginia since the 1980s. The second agreement is for the **Erie/Pittsburgh District in Pennsylvania** (Indefinite Quantity Contract 362575-09-J-0232). We currently have a few projects in design & under construction.

We have designed **dozens of facilities** for the USPS, including **new construction, additions, renovations, modernization, and rehabilitations** in numerous cities within these areas, including projects in dozens of counties in West Virginia. In addition, we have **designed over 100 Postal facilities** for ADA compliance. Many of our projects start out with an on-site building or site study/investigation, where we then provide a multi-page report with condition/code assessment including compliance with current USPS standards, multiple options for repair/replacement/new building (etc.), with photos, and budget cost estimates, including design and construction administration costs. We also give our recommended option, and the USPS will ultimately chose which option to go with. We have completed studies, reports, new buildings, general building renovations, HVAC and electrical systems improvements, fire and life safety, commissioning, utility infrastructure, roofs, windows, doors, structural, elevators, landscaping, building envelope improvements, construction administration (budgeting and scheduling), and much more. Most of the addition/renovation projects were completed while the buildings remained occupied. We have also completed Historic Preservation work, such as extensive interaction with The Secretary of the Interior's (NPS) Standards for the Treatment of Historic Properties and working with the Section 106 process required by SHPO and the Federal Department of the Interior.

This includes work at multiple **Processing & Distribution Centers (P&DCs)**, as well as **Carrier Annexes and Hubs**, which

are **large span facilities**, and range in size from **tens of thousands of square feet to over 250,000 SF**. They hold various machinery, floors to withstand forklift traffic, have high roof clearances, multiple loading docks and bays, specialty HVAC systems, etc. Many are prefabricated metal buildings, and the exterior walls are finished with masonry infill and metal siding. The interiors have areas that are broken into multiple rooms with concrete block walls, such as work rooms, offices, and more.

For the newest projects, they incorporate **energy efficient design** which follow the newest USPS Standards compliance to provide a more efficient systems. For example, the energy saving on a recent HVAC replacement project was achieved with the use of economizers to allow free cooling when ambient temperatures are below 60° F, and there was commissioning provided on the RTUs. We followed the USPS Standards, and we also completed Form ECC-EZ - Energy Compliance Certification for Low Energy-Impact R&A Projects.



Cabela's Eastern Distribution Center

Triadelphia, West Virginia

Owner
Cabela's

Size
1.2 million SF (includes phases I & II)

Construction Cost
\$40 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Gregg Dorfner, AIA / Ray Winovich, RA

Contractor
Norwood Construction

One of our many projects at The Highlands development off of Interstate 70 in Triadelphia, West Virginia, was the \$40 million Cabela's Eastern Distribution Center. This is a commercial warehouse that was built in 2 fast-tracked phases. The building measures 1,200,000 square feet (600,000 SF for each of Phase I and Phase II), making it one of the largest buildings in West Virginia! Phase I also included 32,000 SF of administrative offices and a large employee Lunch Room. Phase 2 also included a 15,000 SF Maintenance shop and Battery Charging Room. The warehouse features 30-FT high-bay ceilings to accommodate large automated storage/retrieval mezzanines and high-tech racking; the building's floor was designed to withstand continuous fork lift traffic. In order to facilitate construction during winter climate, a precast concrete wall panel system was designed for the building shell, and erected onto steel framing. The project was developed on a deep-fill, greenfield site with massive retaining walls, and new utilities. McKinley & Associates worked closely with the site engineers to coordinate exterior vehicle circulation and fire protection systems. This included particular attention to building and dock access for the 90 dock positions. The project also included a large parking and shipping area around the facility; 300 trailer parking spaces and 750 employee parking spaces. Security lighting was designed for these areas, with careful attention paid to illumination levels to permit camera operation in the parking lot areas. This 1.2 million square foot facility was a key link in Cabela's retail expansion plans, serving as their primary distribution center for the East Coast. In addition to keeping their retail stores fully stocked, it also benefits their direct business by reducing delivery times and lowering transportation costs to their catalog and Internet customers in the eastern United States.



Mattern Tire Service Center

Cadiz, Ohio

Owner
Mattern Tire

Size
12,250 SF

Project Architects-Engineers
McKinley & Associates

Project Architect
Tim E. Mizer, PE, RA, QCxP

Mattern Tire is a new \$1.2 million, ten bay **maintenance garage building**, with an **attached showroom and offices** (and restrooms, etc.). This is a **70' x 150' Pre-Engineered steel building with a single story masonry wall front face and storefront glass** in the showroom area of the building; with the **1,750 SF tire storage mezzanine**, the total structure is **12,250 SF**.

This building contains many **special items** that required extra coordination during the design phase including **tire lift, compressed air system, (8) in-floor hydraulic lifts of differing size, in-floor Car-mon exhaust fume capture system, garage bay drainage system with oil interceptor, and waste oil heating boiler system utilizing radiant in-floor hydronic heating lines**. This building also utilizes a **heat pump for the cooling of the office showroom area** and a **large diameter low velocity circulation fan within the garage bay**.

This particular project obviously required much coordination between the **multiple intricate building systems within the Pre-Engineered metal building**. Therefore, the use of **BIM as the design software** on this project was decided upon and was used mostly for **minimizing clash detection of the engineering systems**.



The Ryan Ferns HealthPlex

Benwood, West Virginia

Owner

Dr. Ryan Ferns

Size

11,670 SF

Project Architects-Engineers

McKinley & Associates

Project Architect

Michael S. Betsch, AIA, LEED AP

This project is a renovation/adaptive reuse of an old furniture store located in a shopping center, into a new multi-purpose Health Complex facility. This is a 24 Hour Fitness Center, a CrossFit Training facility, and a Physical Therapy Clinic all-in-one. This project was designed with ADA compliance, HVAC/mechanical, electrical, & plumbing systems. The project started in March 2012, and was fast-tracked with an accelerated schedule to meet the Owner's move-in requirements of September 2012.

The 24/7 Wellness/Fitness areas include an indoor walking track, exercise equipment rooms (cardio, strength training machines, free weights, etc.), "open" group exercise rooms (for cross fit, zumba, boot camp, etc.), and locker rooms. We had to design the exercise rooms to fit their equipment needs. There are rubber floors and 14' ceilings throughout. One unique feature is the entrance to this area has an air curtain, which is designed to prevent the penetration of outside, unconditioned air (prevents hot or cold air from entering, as well as flying insects, dirt, etc.), while at the same time circulates and maintains the inside conditioned air, which stabilizes the environment and eliminates hot/cold spots near building entryways, helps with energy savings, improves sanitation levels, and increases comfort for customers and employees.

The Physical Therapy Clinic includes a reception area, 2 offices, 3 evaluation/examination rooms, a break room/conference room, an "open" work room, laundry, restrooms, and more. This has a separate entry, since it has hours of operation (it isn't open 24-hours like the other areas). We custom-designed the reception desk, casework, cabinetry, and more. In addition, a 42' x 42' therapy area is adjacent, and has treatment tables, physical therapy supplies (exercise balls, balance equipment, etc.), and we designed the space to include their new HydroWorx 500 Series pool with an underwater treadmill and underwater camera with LED display. From this, we designed the HVAC to have a special dehumidification unit for the therapy pool room.



Marshall County Schools

Cameron High School

Cameron, West Virginia

Owner

Marshall County Schools

Size

130,000 SF approx.

Construction Cost

\$32 million

Project Architects-Engineers

McKinley & Associates

Project Architects

Patrick J. Rymer, AIA

Gregg P. Dorfner, AIA, REFP

General Trades Contractor

Nello Construction

Construction Manager

PICIS

Commissioning Agent

L. L. DUNN & Company

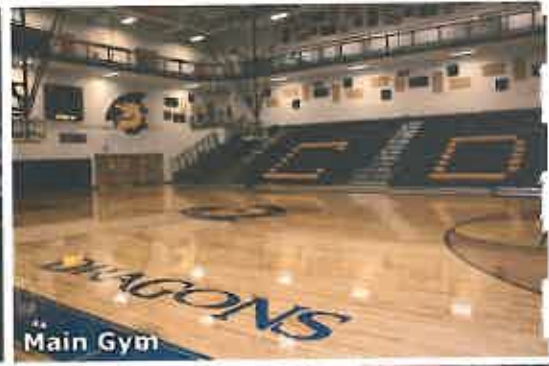
The new \$32 million Cameron High School was designed with potential **LEED Silver Certification**, incorporating sustainable, "green" concepts. The 130,000 SF building consisted of **two gymnasiums**: a main gymnasium (MG) of 10,300 SF with seating for over 1000; and a middle school/auxiliary gymnasium (aux-gym) of 4,500 SF seating 150. The MG has a center 50'x94' **collegiate sized basketball court** and **volleyball court** with two full volleyball and basketball cross courts of 74'x50' divided by a **motor operated center divider curtain**. The aux-gym has a 84'x50' center court w/two 60' cross courts. Contained in both gymnasiums are multiple **scoreboards with message centers, PA & Sound Systems, motor retractable Glass Backstops with light strips**, wall mounted safety pads, volleyball post, standards, volleyball net systems with Judge Stands and are both heated and air conditioned by collapsible, **hypoallergenic fabric ductwork with custom team names and logos**. Both gyms are covered with **tournament grade second or better floating wood athletic floor systems**. The gymnasiums are each served by multiple gym **storage rooms** of over 700 SF. Each is served by **separate lockerooms** and toilet room facilities. The MG lockerooms include 18"x24"x72" team style lockers and two separate coaches' offices with separate toilet and showering rooms, an Athletic Director's Office, a Trainer's office with provisions for hydrotherapy, etc. The lockerooms are finished with waterproof plaster wall and ceilings, rubber sports and epoxy resin floors. The MG is encircled by an **elevated jogging track** with poured sports floor surface. The track is flanked by **multiple weight training rooms** secured by overhead coiling aluminum grills and served by an elevator with access controls. The MG is also equipped by an adjacent **concessions room** with commercial grade equipment. **Sustainable design attributes** of **extensive daylight harvesting** with automated dimming systems and over 5000 SF of **translucent wall panels** with a U-Factor of .08 and Light Transmittance of over 8% as well as **custom acoustic wall panels** help contribute to the Projects LEED goals. **Adjacent to the gyms is a 1500 SF integrated electronic game/exercise and community outreach Exergaming facility**. The school **partnering with local healthcare providers** through the **NEW (Nutrition, Exercise, and Weight Management) You** program to utilize the Exergaming facility and facilitate **community wellness** particularly for students identified at risk for Overweight, Heart Disease or Diabetes. The gyms are also adjacent to the schools new commons / cafeteria overlooking the school's football stadium and utilizing a **healthy choice cafeteria style plan** for student menu selection.



Aux Gym



Main Gym showing Daylighting



Main Gym



Community Exergaming Facility



Weight Room

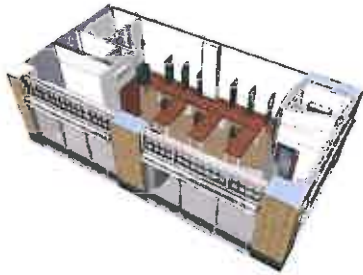


Elevated Jogging Track

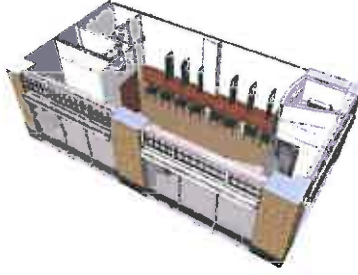
SMART Office

What Is So Smart About the SMART Office?

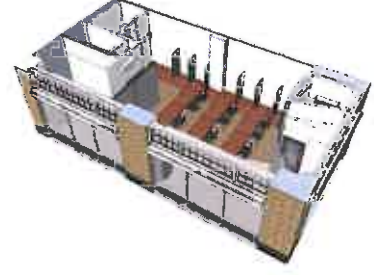
In the small town of Williamson, West Virginia, something unique is happening in a tiny storefront office on Second Avenue. Situated next to the Tug Valley Chamber of Commerce, otherwise known as the "Coal House" because it is almost entirely made of coal, is an exciting project that very well could be the most sustainable space in central Appalachia. The SMART Office will serve as headquarters for Williamson Redevelopment Authority's comprehensive project entitled "Sustainable Williamson" whose mission is to re-energize the local economy by connecting health, wealth and innovation to attract past, present, and future generations to Williamson.



1. Office Layout



2. Computer Training



3. Classroom Space

Using the above adaptive design with movable walls and transformable space (from left to right), the SMART Office will simultaneously operate as a welcome center and office for Sustainable Williamson (1), a highly interactive space for workforce development and sustainable construction training (2), a community space for stakeholder participation (3), a technology demonstration center, and perhaps most importantly it provides an integrated design approach with the goal of revitalizing an otherwise stagnant rural community. Additionally, its cutting edge approaches to energy optimization simultaneously demonstrate smart-grid, renewable energy, and energy efficiency technologies, including transparent photo-voltaic (PV) windows and demand response technologies.

Designed and developed by McKinley & Associates along with other WV based firms and institutions, the SMART Office project is seeking the Platinum level of LEED Certification (Leadership in Energy and Environmental Design) and Living Building Challenge Criteria. In February 2013, this project already won a Placemaker Award of Excellence (Unbuilt) from West Virginia GreenWorks, at The Building Conference in Morgantown.

Passive solar, phase-change heat storage, living walls, and gray water systems are featured in the design. In addition, Solar PV panels and heat pipe solar thermal collectors will be added to the roof of the hotel to provide power and heat to the space. The exterior of the hotel will remain unchanged except for the addition of some retractable awnings for solar control. The new walls in the SMART Office, built with synthetic gypsum used to clean exhaust from a local coal-fired power plant, and the plaza bricks made with fly ash, a by-product of coal combustion, provide a bridge between the new sustainable construction industry and traditional extraction industries.

West Virginians are a very self-sufficient people, known for tenacity and hard work. With a little inspiration, like the radio signal from a distant satellite that sparked interest for a young Homer Hickman, is all that is needed to open opportunities beyond the traditional. By showcasing new technology and providing education resources in the center of the coal fields, the SMART Office will offer that spark of imagination for another generation of creative West Virginians.



WVSP Academy's Multi-Purpose Building, Gymnasium, & Physical Training Facility

Dunbar, West Virginia

Owner

West Virginia State Police

Size

12,544 SF

Construction Cost

\$1.85 million

Project Architects-Engineers

McKinley & Associates

Project Architect

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

Contractor

BBL Carlton, LLC

The \$4.5 million West Virginia State Police Academy campus-wide improvement project included 5 buildings (3 renovations & 2 new construction), and was completed in phases, on a building-by-building basis. This included the renovation of 3 existing dormitory/classroom buildings, the demo of a shooting range and replacing that building with a brand new upgraded shooting range control center, and the new training & assembly Multi-Purpose Building (MPB) which was the final phase and was completed in 2012.

This new \$1.85 million Multi-Purpose Building (also known as the Physical Training Facility) is a 12,544 SF training and assembly building. The building includes a gymnasium, workout and wellness rooms, locker rooms, an office, server room, and more. Everything was designed to be functional; for example, there are various interior windows throughout so an instructor could have cadets doing weights, cardio, and be in the gym - utilizing all portions of the building at the same time - and the instructor could still simultaneously supervise all three groups. The WVSP hopes current members and civilian staff will take advantage of the MPB to better their physical fitness. This was designed for everyone from a low level of fitness to those who are more advanced.

The 5,500 SF gymnasium is comprised of a full-size basketball court with retractable basketball goals, an indoor track integrated into the gym floor, ceiling-mounted speakers for when they are in assembly, as well as an adjacent large storage room (large enough to store 20' long wrestling mats). There was basketball court striping (dark green), running track striping (yellow), and wall columns and basketball goal pads (black) to represent the WVSP colors. There is a 1,100 SF strength training / weight room with a large storage room with kettle bells, weigh machines and dumbbells from 5 pounds to 120 pounds apiece. Next to this is a 1,100 SF cardio training room with dozens of cardiovascular equipment. We had to know the equipment being used beforehand to calculate heat loads for the HVAC. There are water fountains in the gym and cardio rooms. Next to the cardio is a 784 SF "Force on Force" physical training room with mixed-martial art grade mats in a completely padded room, that are an upgrade from the worn high school wrestling style mats they formerly used. The mens & womens locker rooms each have 2 private showers, lockers, benches, restrooms, etc.

Furthermore, the Multi-Purpose Building was built with energy efficiency in mind, with the use of natural daylighting, self-supporting translucent skylights, kalwalls, and more. The 2 "skyroof" skylights in the gymnasium are both approximately 46' x 8', and are both comprised of 184 insulated translucent fiberglass sandwich panels. In addition, there are occupancy sensors in every room, as well as skylight photo sensors in the gymnasium; these save an average of 30-40% on energy costs.





West Virginia Army National Guard Construction and Facilities Management Office



Camp Dawson STF - Buildings A and B



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN



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 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 — Architect/Engr

Proc Folder: 356210

Doc Description: STF BUILDINGS CAMP DAWSON EOI DESIGN

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-07-20	2017-08-15 13:30:00	CEOI 0603 ADJ1800000001	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

*000000206862
 McKinley & Associates, Inc.
 32 20th Street - Suite 100
 Wheeling, WV 26003
 (304) 233-0140

FOR INFORMATION CONTACT THE BUYER

Crystal Rink
 (304) 558-2402
 crystal.g.rink@wv.gov


Signature X

FEIN # 55-0696478

DATE August 11, 2017

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

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



(Name/ Title)
Ernest Dellatorre, President

(Printed Name and Title)
32 20th Street - Suite 100, Wheeling, WV 26003

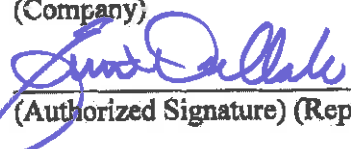
(Address)
(304) 233-0140 | (304) 233-4613

(Phone Number) / (Fax Number)
edellatorre@mckinleyassoc.com

(email address)

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

McKinley & Associates

(Company)


(Authorized Signature) (Representative Name, Title)
Ernest Dellatorre, President

(Printed Name and Title of Authorized Representative)

August 11, 2017

(Date)

(304) 233-0140 | (304) 233-4613

(Phone Number) (Fax Number)

STATE 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 §81-5-3*) 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 & Associates

Authorized Signature: *Ernst Dillah* Date: August 11, 2017

State of West Virginia

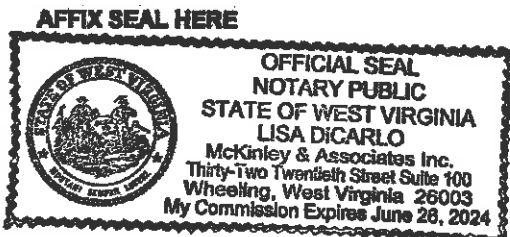
County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 11 day of August, 2017.

My Commission expires June 26, 2024.

NOTARY PUBLIC *Lisa DiCarlo*

Purchasing Affidavit (Revised 07/01/2012)



WV Licenses & Registrations

For your convenience, you will see copies of our key individual's and firm's various licenses & registrations as evidence that we are currently registered in the State of West Virginia. On this page is Patrick Rymer's (*your Project Manager / Architect*) Registration and Authorization to Practice Architecture in West Virginia (Certificate #4354). On the following pages, you will see our firm's Certificate of Incorporation, Certificate of Good Standing, Business Registration Certificate, and Certificate of Authorization for providing Engineering Services in West Virginia. We would be happy to provide you with copies of other Professionals' licenses if you wish to see them. In addition, a listing of all the professionals' certifications, degrees, and licenses are found on their resumes in the "Design Team" tab.

The West Virginia Board of Architects

certifies that

PATRICK JASON RYMER

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

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

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2018.



Board Administrator

WV Licenses & Registrations

BOOK 66 PAGE 793



CERTIFICATE

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

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

McKINLEY & ASSOCIATES, INC.

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

CERTIFICATE OF INCORPORATION

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

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

FIFTEENTH day of

DECEMBER 19 89

Ken Hechler

Secretary of State.



WV Licenses & Registrations

State of West Virginia



Certificate

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

MCKINLEY & ASSOCIATES, INC.

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

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

Accordingly, I hereby issue this

CERTIFICATE OF EXISTENCE

Validation ID:0WV3W_CQTDH



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

Natalie E. Tennant

Secretary of State

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

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.

atl.006 v.4
L0539442304

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 E MIZER - WV PE 013169

*has complied with section S30-13-17 of the West Virginia Code governing
the issuance of a Certificate of Authorization. The Board hereby notifies you of its
certification with issuance of this Certification of Authorization for the period of:*

January 1, 2015 - December 31, 2017

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

Insurance

Per your request, you will find copies of our various Insurance Coverages on this and the following page.

ACORD™		CERTIFICATE OF LIABILITY INSURANCE			DATE (MM/DD/YYYY) 01/30/2017	
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: III, Lee Paul PHONE (A/C, No, Ext): 304.233.3303 FAX (A/C, No): 304.233.3333 E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:		
INSURED McKinley & Associates, Inc. The Maxwell Centre 32-20th Street Wheeling, WV 26003				INSURER(S) AFFORDING COVERAGE		NAIC #
				INSURER A: Cincinnati Insurance Co.		10677
				INSURER B: Brickstreet Ins		Brick
				INSURER C:		
				INSURER D:		
				INSURER E:		
				INSURER F:		
COVERAGES CERTIFICATE NUMBER: 15/18 Liab w/workers comp 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.						
FORM LTR	TYPE OF INSURANCE	ADDITIONAL COVER (R/R) Y/N	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR		EPP0146335	06/15/2015	06/16/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPROP AGG \$ 2,000,000
	GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC					
	AUTOMOBILE LIABILITY					
	<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		EPP0146335	06/15/2015	06/16/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE		EPP0146335	06/15/2015	06/15/2018	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$ \$
	<input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$					
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in WV) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A	WCB1018014	12/30/2016	12/30/2017	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required) SPECIMEN COPY TO BE HELD BY MCKINLEY AND ASSOCIATES.						
CERTIFICATE HOLDER				CANCELLATION		
SPECIMEN				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 <i>John Clark</i> 1/30/2017		
ACORD 25 (2008/08)		© 1988-2009 ACORD CORPORATION. All rights reserved.				
The ACORD name and logo are registered marks of ACORD						

Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/5/2016

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 (A/C No. Ext.): 216-839-2807 E-MAIL ADDRESS: PCholewa@oswaldcompanies.com FAX (A/C. No.):	
INSURED McKinley & Associates, Inc. 32 20th Street #100 Wheeling WV 26003		INSURER(S) AFFORDING COVERAGE INSURER A: Continental Insurance Company NAIC # 18313 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: 288224512 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	ADOL 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 GENL 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 - COM/POP 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"/> DED <input type="checkbox"/> RETENTION \$ <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE					EACH OCCURRENCE \$ AGGREGATE \$ \$ WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
	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			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	AEH591893924	10/10/2016	10/10/2017	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

Specimen
 For Purposes of Evidencing
 Coverage Only WV 26003

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

Patricia A. Cholewa

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ACORD 25 (2010/05)

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McKINLEY & ASSOCIATES
 ARCHITECTS • ENGINEERS • INTERIOR DESIGN