



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

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Procurement Folder: 1066124

Procurement Type: Central Purchase Order

Vendor ID: 000000206862

Legal Name: MCKINLEY AND ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 08/10/2022

Response Time: 13:00

Responded By User ID: dcarenbauer

First Name: David

Last Name: Carenbauer

Email: dcarenbauer@mckinleya

Phone: 304-233-0140

SO Doc Code: CEOI

SO Dept: 0439

SO Doc ID: EBA2300000001

Published Date: 7/21/22

Close Date: 8/11/22

Close Time: 13:30

Status: Closed

Solicitation Description: EBAr70938 Architectural/Engineering

Total of Header Attachments: 1

Total of All Attachments: 1

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	PROFESSIONAL ENGINEERING SERVICES				0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments:

Extended Description:

In accordance with W. Va. Code 5G-1-1 (et seq) WV Educational Broadcasting Authority seeks A/E Services for a method to correct electrical and power issues at various sites..



CEOI 0439 EBA2300000001

**Re: Architectural / Engineering
Services for UPS on site**



August 10, 2022

Toby L. Welch
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Dear Mr. Welch and Members of the Selection Committee;

McKinley Architecture and Engineering is pleased to provide the Acquisition and Contract Administration Section of the Purchasing Division, on behalf of the WV Educational Broadcasting Authority, with our Expression of Interest to provide architectural/engineering services including inspection, evaluation or testing, design, specifications, construction oversight, and construction management of multiple electrical projects involving UPS, uninterruptible power supply, and generator replacements. As you review this submission, we emphasize the following strengths of McKinley Architecture and Engineering with respect to your project:

McKinley Architecture and Engineering (McKinley & Associates) has been providing design services since 1981, and are celebrating over 40 years in business. We are excited to announce that for the **2nd consecutive year**, McKinley appears on the **Inc. 5000 list** the **most prestigious ranking of the nation's fastest-growing private companies!** With offices in **Wheeling and Charleston, WV** and Pittsburgh, PA, we support a professional staff of nearly **40 employees**, which includes **Engineers, Architects, an AIA Safety Assessment Program (SAP) Evaluator, Construction Contract Administrators, LEED Accredited Professionals**, and more.

McKinley also has a wide array of relevant UPS and generator upgrade projects, which can be found under the "Relevant Projects" tab. Some of these include several schools around the State, multiple West Virginia University projects, numerous West Virginia State Police projects across the State, Ohio County Correctional Facility, and Wheeling Island Hotel•Casino•Racetrack, among others. Our generators range from a small 20 kW propane generator for a fire department building, to a 500 kW diesel generator for a 1.2 million SF distribution warehouse.

We are ready to begin immediately and will meet all your Goals and Objectives. Thank you for reviewing our submission and considering McKinley Architecture and Engineering for your projects; we are very excited about the possibility of working you!

Personal Regards,



Ernest Dellatorre
Director of Business Development
McKinley Architecture and Engineering
edellatorre@mckinleydelivers.com
(304) 340-4267 x115

Corporate Information

Firm History

Founded in 1981, McKinley Architecture and Engineering is a multi-discipline full service A/E firm, offering comprehensive professional services in Architecture, Engineering, Energy Efficient and Sustainable (LEED) Design, SAP Evaluation, Commissioning, Historic Preservation, Construction Contract Administration, and more. We have a broad range of skill and experience for projects involving commercial, office, governmental, sustainable and energy efficiency, entertainment, hospitality, and schools to name a few. Over the years, our firm won multiple State and National awards and recognitions for our designs. McKinley has made both the 2020 & 2021 Inc. 5000 lists, the most prestigious ranking of the nation's fastest-growing private companies!



Firm Information

Ernest Dellatorre
Director of Business Development

Tim Mizer, PE, RA, QCxP
Director of Engineering Services

Patrick J. Rymer, AIA, ALEP
Director of Architectural Services

Date of Incorporation

July 1, 1981
Wheeling, West Virginia

Professionals on Staff

Architects
Engineers
Arch./Eng. Designers
LEED AP BD+Cs
Historic Preservationist
Construction Admins.
HVAC Commissioning Provider
Interior Designer
SAP Evaluator
ALEP (CEFP)
REFP

Locations

32 Twentieth Street
Suite 100
Wheeling, WV 26003
P: 304-233-0140
F: 304-233-4613

129 Summers Street
Suite 201
Charleston, WV 25301
P: 304-340-4267

5000 Stonewood Drive
Suite 220
Wexford, PA 15090
P: 724-719-6975

Credentials

McKinley Architecture and Engineering is a member of the following organizations:

A4LE (formerly CEFP), ACI International, AIA, ASCE, ASHRAE, ASPE, AWI, BOCA, NCARB, NFPA, WVEDC, and more

Follow Us

www.McKinleyDelivers.com

www.Facebook.com/McKinleyDelivers

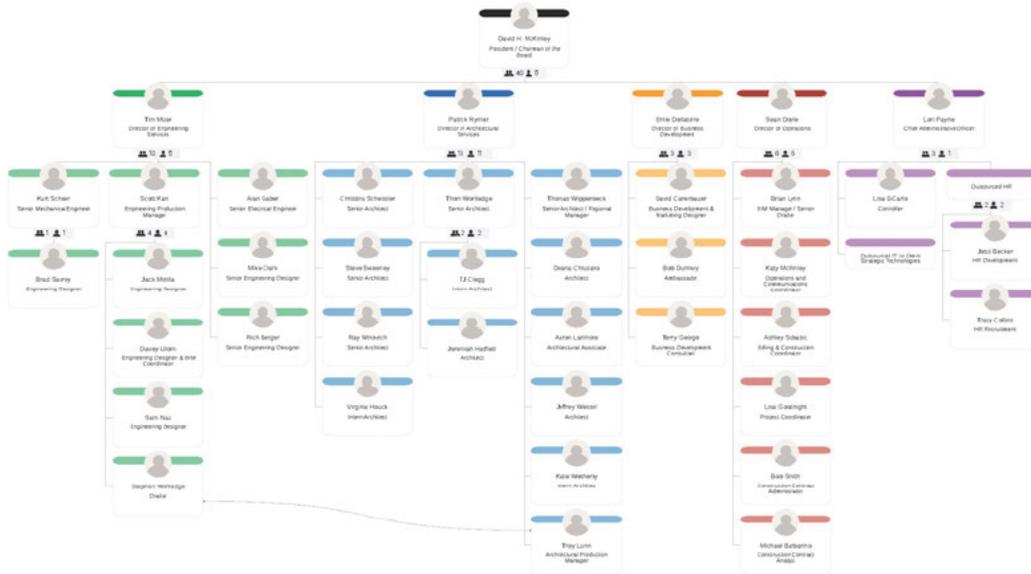
www.Linkedin.com/company/McKinleyDelivers

Instagram: @McKinleyDelivers



Project Approach

First and foremost we can state that **our large professional staff** (full organizational chart seen below) will devote whatever time is necessary to provide you with successful projects. If our project team is chosen for this project; they are available to **start immediately** upon our being selected, and will provide the necessary hours to complete your projects on time. By virtue of our proximity, having both **Northern and Southern WV offices**, we can provide project services in an **economical, effective and efficient** manner, while also responding **expeditiously** to your projects' needs.



To start your projects, kickoff meetings will be held with the West Virginia Educational Broadcasting Authority representatives, along with all our design professionals. From this meeting the Owners Project Requirements will be defined and documented, to be used as a guideline through the design phase. We will verify the existing conditions of the facilities through the review of the existing conditions, existing drawings if available, on-site meetings, and with discussions with the Owner. We will then use all this information to design complete plans to install systems to fully utilize the generators and/or replace generators.

Over the years, McKinley Architecture and Engineering has designed **several of projects which involve generator replacements, upgrades, and/or repairs**. Our portfolio also includes many projects that involve **emergency power systems, uninterruptible power supply (UPS), associated electrical, load requirements**, and much more. Our electrical engineering team has experience with a wide array of generators and emergency power systems projects, from a small 20 kW propane generator for a fire department building, to a 500 kW diesel generator for a 1.2 million SF distribution warehouse, and everything in-between. The West Virginia State Police is one of our governmental clients that we have worked with for over 20 years on numerous projects throughout the state. We have designed **multiple generators**, especially the detachments with E-911 Centers, as well as the WVSP Headquarters.

With our **vast generator and emergency power systems experience, understanding of codes**, and our **great working relationship with various state agencies**; we are confident that we have the talent and technology needed to make this successful. Also, as your **Engineers/Architects and single point of responsibility**, you can be reassured of **smooth project delivery and sensitivity to all relevant guidelines in our state**. We will meet your goals and objectives.

Quality Control

Quality control at McKinley Architecture and Engineering 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 Educational Broadcasting Authority any potential conflicts between program criteria and design standards and resolving those conflicts to your satisfaction.

As the schematic/concept plans are developed, Tim E. Mizer, PE, RA, QCxP, 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 CA, 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 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, Tim 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 West Virginia Educational Broadcasting Authority, 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 you 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. Mizer, and includes the receipt, logging, review and return of submittals. Urgent items can often be expedited to satisfy the construction schedule. In addition, Michael Barbarino, your Construction Contract 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 Contract Administration & On-Site Representation

Construction Contract Administrator Involved from the Beginning of the Design Phase

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architects/Engineers

Responsible for All Construction Progress Meetings and Minutes

Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

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



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

Tim E. Mizer, PE, RA, QCP

Architectural Engineer / Architect / Commissioning Provider

Director of Engineering Services

EDUCATION:

Kansas State University
B.S. Architectural Engineering - 1983

University of Cincinnati
Architecture

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
West Virginia
Ohio

Registered Architect in:
Ohio

Qualified Commissioning Process
Provider

PROFESSIONAL EMPLOYMENT:

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

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

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

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

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

SUMMARY OF EXPERIENCE:

A very talented and unique professional who is registered **both** in **engineering** and **architecture** which has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. Furthermore, as a **Qualified Commissioning Process Provider**, he has been formally trained to fully understand how integrated HVAC systems function and how systems interface with others to run your building efficiently. He understands that the HVAC system's performance can reduce operating and maintenance costs, improve the comfort of a building's occupants, and extend the life of equipment. He joined McKinley Architecture and Engineering in 1995, and has over 35 years of experience. As the **Director of Engineering Services**, Mr. Mizer's presence is a key to the design procedures required to coordinate the functionality of the engineering systems into the aesthetics of a building space.

NOTABLE PROFESSIONAL EXPERIENCES:

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

Building 34: WV State Office Complex in Weirton

City of Moundsville - New Municipal Public Safety Bldg / multi-tenant

West Virginia State Police - dozens of renovations, additions, and new detachments

West Virginia School Building Authority - Dozens of projects State-Wide, including new construction and renovations

West Virginia Department of Transportation, Division of Highways -
Buckhannon & Moundsville Headquarters HVAC

West Virginia Department of Health & Human Resources' Ohio County
Office Building fit-out / renovations

USPS - worked on a multitude of Post Offices in WV & PA

West Virginia Independence Hall

Grave Creek Mound Museum renovations

Raleigh County Emergency Services Authority

City of Weirton - Park Drive / Three Springs Drive Development

West Virginia University - multiple renovations, additions, and new buildings

Orrick's Global Operations Center

Wagner Building

Braxton County Senior Center

Serbian-American Cultural Center

Belmont County Divisional Courts & Offices renovations

The Towers Building renovations

Alan M. Gaber, PE

Senior Electrical Engineer

EDUCATION:

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

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineer in:
Ohio
Pennsylvania

PROFESSIONAL EMPLOYMENT:

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

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

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

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

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

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

SUMMARY OF EXPERIENCE:

Mr. Gaber is an **Electrical Engineer**, who for over 36 years, has a broad range of electrical and professional experiences designing building systems. He has experience working collaboratively with others to research and identify the clients' needs, and successfully meeting those needs. Alan takes pride in providing designs that are concise, efficient and within the client's budget. Each phase of his career has exposed him to different aspects of electrical design for the building construction industry, from utility company commercial service design, to commercial, industrial & institutional building design, and electrical construction management. Mr. Gaber's experiences also include K-12 & post secondary education, municipal/civic, personal care/senior living, and other sectors of business. His electrical design qualifications include lighting, power distribution, **emergency/standby power, onsite generators**, telephone/sound/communications, data communications, master clock/program, audio/video, fire alarms, security alarms, video surveillance, electric access, and more.

NOTABLE PROFESSIONAL EXPERIENCES:

City of Moundsville - new Municipal/Public Safety Building including generator

Brooke County Judicial Courthouse renovations including generator

NOAA renovations

YWCA renovations

Ft. Henry renovations-restoration

Fayette County Schools - new Meadow Bridge School PK-12
Fayette County Schools - Midland Trail High gym renovations
Fayette County Schools - Oak Hill High gym renovations
Fayette County Schools - Valley PreK-8 renovations
Fayette County Schools - Institute of Technology renovations

Hampshire County Schools - new Central Elementary School

Hancock County Schools - Weir High gym addition

Ohio County Schools - Elm Grove Elementary renovations
Ohio County Schools - Warwood School renovations
Ohio County Schools - Wheeling Middle addition & renovations
Ohio County Schools - Woodsdale E.S. addition & renovations

Summers County Schools - Hinton Elementary cafeteria
Summers County Schools - Talcott Gym renovation

Michael J. Clark Sr.

Senior Electrical Engineering Designer

EDUCATION:

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

Jefferson Community College
A-ATS Electrical Trade Technology - 2003

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Certified in SMAW Weld Process & Basic
Welding and Applications 2002

West Virginia Journeyman License

Ohio Fire Alarm License

OSHA 30 Certified

PROFESSIONAL EMPLOYMENT:

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

Arcelor Mittal
Maintenance Technician Electrician
Weirton, WV (2012)

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

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

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

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

Brooke County Judicial Center including generator
Marshall County Schools - Cameron Elementary School generator
Marshall County Schools - Cameron High School generator
Moundsville Municipal / Public Safety Building including 2 generators
Tyler County Judicial Building including generator
Washington & Jefferson College - Commons Building generator
Washington & Jefferson College - Thompson Hall generator
Wetzel County Schools - Long Drain School generator
Building 55: WV State Office Complex in Logan (LEED Certified)
Wheeling District's new office space fit-out
Bennett Square - multiple renovations
Ft. Henry Building - multiple renovations
Belmont County Divisional Courts & Offices renovations
Jefferson County Courthouse upgrades and Annex demo
Brooke County Schools - New Brooke Middle School
Hancock County Schools - several projects
Harrison County Schools - New Johnson Elementary
Holiday Inn Express Hotels - on-call contract / multiple projects
Franciscan University OP#1 Multi-tenant Retail Building
Franciscan University OP#2 Office / Retail Building
Wheeling Island Hotel•Casino•Racetrack - multiple projects
Carenbauer Wholesale Corporation warehouse addition/renovations

Kurt A. Scheer, PE, LEED AP

Senior Mechanical Engineer / LEED Accredited Professional

EDUCATION:

Penn State University
B.S. Architectural Engineering - 2001

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
Pennsylvania
West Virginia

Member:
US Green Building Council

ASHRAE

ASPE

PROFESSIONAL EMPLOYMENT:

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

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

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

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

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

City of Moundsville - Municipal/Public Safety Building

Brooke County Judicial Courthouse renovations

Tyler County Commission - Judicial Annex Building

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

Light of Life Rescue Mission

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

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

Harrison County Schools - NEW Lost Creek Elementary School

Ohio County Schools - Warwood School renovations

Ohio County Schools - Wheeling Park High School Athletic Complex

Ohio County Schools - Woodsdale Elementary School cafeteria addition & renovations

Fort Henry Building - Fourth Floor office build-out

City of Weirton - Park Drive / Three Springs Drive Development

YWCA Renovations

Summit Building office renovations

Pittsburgh City County Building - Booster Pump

Pittsburgh Laborers Union 258

Carnegie Robotics - Third Floor renovation

Clopay mechanical upgrades

Scott D. Kain

Engineering Production Manager / Senior Plumbing Designer

EDUCATION:

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

PROFESSIONAL EMPLOYMENT:

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

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

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

Building 55: WV State Office Complex in Logan (LEED Certified)
Building 34: WV State Office Complex in Weirton
Cabela's Eastern Distribution Center
West Virginia State Police - multiple projects state-wide
West Virginia Army National Guard - multiple projects
WVDHHR's new Ohio County office fit-out / renovations
WVDRS Wheeling District's new office space fit-out / renovations
United States Postal Service - statewide post offices
Orrick's Global Operations Center
Bennett Square - multiple phases of renovations
Wagner Building - multiple phases of renovations
Ft. Henry Building - multiple phases of renovations
Panhandle Cleaning & Restoration warehouse and office building
Wheeling Island Hotel•Casino•Racetrack multiple projects
Wheeling Island Fire Station
Jefferson County Jobs & Family Services renovations
Harrison County Jobs & Family Services renovations
West Virginia University - State Fire Training Academy
Braxton County Senior Center
WV Northern Community College - B. & O. Building
Marshall County Schools - Hilltop Elementary School (LEED Certified)
Marshall County Schools - Cameron High School (LEED Registered)
Boone County Schools - multiple projects
Brooke County Schools - multiple projects
Hancock County Schools - multiple projects
Ohio County Schools - multiple projects
Wood County Schools - multiple projects

Richard G. Berger

Senior Mechanical Engineering Designer

EDUCATION:

CCAC of Allegheny County
Concentration: HVAC

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Pennsylvania Sheet Metal Journeyman License

Volunteer Fireman (retired)

PROFESSIONAL EMPLOYMENT:

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

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

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

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

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

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

McKinley Architecture and Engineering

City of Moundsville - Municipal/Public Safety Building

Tyler County Commission - Judicial Annex Building

Brooke County Judicial Center Courthouse

Main Street Bank - Toronto

Summit Building renovations

Williamson Hospital mechanical renovations

YWCA Renovations

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

Fayette County Schools - Oak Hill High gym renovations

Fayette County Schools - Valley PreK-8 renovations

Fayette County Schools - Institute of Technology renovations

Hampshire County Schools - Capon Bridge E.S. gym addition

Hancock County Schools - Weir High mechanical upgrades

Harrison County Schools - Gore Elementary School build-out

Ohio County Schools - Wheeling Middle renovations

Steubenville City School District - Steubenville High School
commons renovations

Wetzel County Schools - Paden City E.S. Multipurpose addition

Wetzel County Schools - Short Line School HVAC

Wirt County Schools - County-Wide ESSERF Projects

CJL Engineering*

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

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

David A. Ullom

BIM Coordinator / Mechanical Engineering Designer

EDUCATION:

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

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

PROFESSIONAL EMPLOYMENT:

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

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

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

SUMMARY OF EXPERIENCE:

Mr. Ullom is a results-driven individual who prioritizes safety, cost-effective solutions, and exceeding customer expectations. He is proficient in Autocad, Inventor, and Revit software. David also has experience as a Sales Engineer, Applications Engineer, and Map Developer, which provides an unique understanding for problem solving.

NOTABLE PROFESSIONAL EXPERIENCES:

Moundsville Municipal/Public Safety Building

Brooke County Judicial Courthouse renovations

Tyler County Commission - Judicial Building

Nicholas County 911 Center

City of Weirton - Park Drive Development

Ft. Henry Building renovation

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

Belmont County Divisional Courts renovations

Belmont County Offices renovations

Jefferson County Jail renovations

Jefferson County Justice Center renovations

Trinity Health System - Crisis Rehabilitation Unit

Williamson Hospital mechanical renovations

WVU - Reynolds School of Nursing

Main Street Bank - Toronto

WVDOH Moundsville HQ HVAC

Fayette County Schools - New Meadow Bridge K-12 project

Harrison County Schools - Lost Creek Elementary addition and
renovations

Harrison County Schools - Gore Elementary addition and
renovations

Ohio County Schools - Several Projects County-Wide

Tyler County Schools - New Bus Maintenance Facility

Tyler County Schools - Tyler Consolidated Stadium

Mid-Ohio Valley Technical Institute (MOVTI) renovations

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

Architect / Specialized LEED Accredited Professional

Charleston Office Manager



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

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

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

TAG Architects
Charleston, WV (1985-1990)

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

SUMMARY OF EXPERIENCE:

Mr. 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 believe 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**) includes generator

West Virginia State Police - new Logan Detachment / Back-Up Data Center for the WVSP Headquarters (includes generator)

West Virginia State Police Academy - Renovations to Buildings A, B, and C; New Buildings D and Multi-Purpose Building

West Virginia Department of Health & Human Resources' Ohio County Office Building fit-out / renovations

Nicholas County Division of Homeland Security & Emergency Management - E-911 and Emergency Operations Center studies

Veterans Affairs Medical Centers - multiple VAMCs around WV and PA

United States Postal Service - multiple projects throughout WV

Big Sandy Arena & Convention Center

WVSU's Gus R. Douglass Economic Development Center

Charleston Enterprise Center renovation (WV AIA Design Award)

Fairmont State University - College Apartments Complex

WVU Institute of Technology - Maclin Hall Dormitory in Montgomery

West Virginia University - University Police Building

Williamson SMART Office (LEED Registered / Placemaker Award)

Bellann in Oakhill, WV (LEED Registered)

Marshall County Schools - Hilltop Elementary School (**LEED Certified** - won multiple WV and National Awards & Recognitions)

Wood County Schools - Parkersburg High renovation (\$23 million) & Williamstown High renovation (\$13.5 million)

McKINLEY

ARCHITECTURE + ENGINEERING

Jeremiah Hatfield, AIA, NCARB

Architect

EDUCATION:

Louisiana State University
Bachelor of Architecture - 1999

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

Kentucky
Michigan
Virginia
West Virginia

National Board Certification

PROFESSIONAL EMPLOYMENT:

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

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

McKinley Architecture and Engineering

WV Lottery Building roof

Ft. Henry Building renovations & restoration

Fayette County Schools - Institute of Technology renovations

Fayette County Schools - Meadow Bridge School PK-12

Fayette County Schools - Midland Trail High Gym renovations

Fayette County Schools - Oak Hill High Gym renovations

Fayette County Schools - Valley PreK-8 renovations

Fayette County Schools - Outdoor Classrooms

Fayette County Schools - Windows & Doors replacements

Hancock County Schools - New Manchester Elementary addition

Hancock County Schools - Weirton Middle addition

Summers County Schools - HS/MS addition & renovations

Wayne County Schools - ESSERF Work

Wayne County Schools - Window replacements

Wetzel County Schools - Paden City Elementary Multipurpose Addition

Wood County Schools - Pre-Bond Services

Adkins Design, Inc.*

Mr. Hatfield had been exposed to most aspects of design including Programming and Pre-design, Schematic Design, Design Development, thru the completion of Construction Documents and punch lists during Construction Administration.

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

Michael A. Barbarino

Construction Contract Administration / Construction Contract Analyst

EDUCATION:

Associated Builders and Contractors of Western, PA
Merit Shop - 1992

Community College of Allegheny County
Residential Construction - 1984

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

General Contractor License:
West Virginia

IBEW Certifications for:
Confined Spaces
Scaffold Users
Erectors

APC/PENNDOT Flagger Training

OSHA 10 and 30

**Construction Quality Management for
Contractors - U.S. Army Corp of Engineers**

ICRA 8, CPR Certification, AED

PROFESSIONAL EMPLOYMENT:

McKinley Architecture and Engineering
Construction Contract Analyst
Wexford, PA (2021 to present)

Self-Employed
Consultant
Natrona Heights, PA (2019-2021)

Mare Solutions, Inc.
Project Manager/Estimator
Pittsburgh, PA (2005-2019)

TJR Enterprises, Inc.
Project Manager/Estimator
Pittsburgh, PA (2001-2005)

SUMMARY OF EXPERIENCE:

Mr. Barbarino serves as a **Construction Contract Analyst** for McKinley Architecture and Engineering, which is an expanded role of **Construction Contract Administration** to also include **Quality Control** and **Estimating** services. With 39 years of continuous employment in the construction industry, his skillset is a great asset to our firm. His background includes serving as project manager/estimator, site superintendent, and a carpenter. Michael has estimated and managed projects for various government entities ranging from less than \$100,000 to in excess of \$10,000,000 for a single project. For your project, Michael will observe the construction progress; is the liaison between the owner, contractor, and architect/engineer; will ensure that the contractor is following the construction documents; and more.

NOTABLE PROFESSIONAL EXPERIENCES:

McKinley Architecture and Engineering*
City of Moundsville - Municipal/Public Safety Building

PLS Logistics fit-out

Fort Henry Building renovations / restorations

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

Harrison County Schools - NEW Lost Creek Elementary School

Ohio County Schools - Steenrod Elementary School cafeteria
addition & renovations

Ohio County Schools - Warwood School renovations

Ohio County Schools - Wheeling Park High School addition &
renovations

Ohio County Schools - Woodsdale Elementary School cafeteria
addition & renovations

Mare Solutions, Inc.*

Mr. Barbarino worked as a Project Manager/Estimator, where his responsibilities included submittal processing including review and contractor approval; drafting project schedules; creating project inspection and punch lists, follow up with close out of items; researching specified materials, order and oversee installation; estimating projects up to and in excess of 10 million dollars; inspecting all work during phases of construction for Contract drawing and specification adherence including all aspects of the Safety programs; reviewing pay applications for all subcontractors; and much more.

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

Building 55 West Virginia State Office Complex



Logan, West Virginia

Owner

State of West Virginia

Size

53,200 SF approx.

Project Architects-Engineers

McKinley Architecture and Engineering

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, WV; this **office building** 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.

At the request of the Owner, the building was designed to be **energy efficient** and meet **sustainable design** goals, confirmed by LEED and energy star requirements. In March 2014, this project became **LEED Certified**.

There is a back-up/emergency generator for life safety systems and data server rooms. 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." This generator powers emergency lighting and provides backup power to critical building systems.



WVSP Headquarters Data Center

South Charleston, West Virginia

Owner

West Virginia State Police

Construction Cost

\$350,000

Project Architects-Engineers

McKinley Architecture and Engineering

Contractor

W. Harley Miller Contractors, Inc.

For over 18 years, McKinley Architecture and Engineering has been honored to have been selected for multiple consecutive West Virginia State Police open-ended contracts for all engineering and architectural services throughout West Virginia. During this period we have been involved in **dozens** of projects with the WVSP. These projects included numerous **renovations**, additions, as well as new construction of multiple facilities throughout the State.

We recently completed upgrades on the State Police's main Data Center, located at their **WVSP Headquarters** in South Charleston, which included **new service with a new generator and a new Uninterruptible Power Supply (UPS)** for their main server room. **Since the facility is the central hub of all police activity within the State, it must remain in operation 24/7; therefore, this emergency electric backup project was a priority project.** This \$350,000 project included supplementing the existing 1600A, 208/120V service with a 480/277V feeder from a new service in the WVSP Headquarter's adjacent garage. The new 480/277V service has a generator which powers a panel in the main building's server room, which in turn feeds a UPS for the server, as well as a subpanel in the records room adjacent to the server room. The new emergency backup generator is a Cummins Model 400 DFEH series electric generating set rated for continuous standby service at 400 kW, 500 kVA Standby, at 0.8 PF, 277/480 volts 3 Phase 4 Wire, 60-Hz.

In addition, construction was recently completed on the new Logan Detachment, which is the Back-Up Data Center for that WVSP Headquarters facility; therefore, it needed much of the same emergency and power distribution systems. *More information is found on the following page.*

Furthermore, additional projects that were designed as E911 Centers for the State Police include their facilities in Berkeley, Doddridge, Mason and Pendleton Counties, as well as the Morgantown Facility in Monongalia County and Romney Detachment in Hampshire County. **Each of these facilities included secured entrances, raised access floors, UPS, and emergency backup generators.** They also included typical spaces such as **Offices, Dispatch, Operations, Conference Rooms, and more.**

Before



and After



WVSP New Logan Detachment

Logan, West Virginia

Owner

West Virginia State Police

Size

13,000 SF approx.

Construction Cost

\$4.5 million

Project Architects-Engineers

McKinley Architecture and Engineering

Project Architect

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

Contractor

W. Harley Miller Contractors, Inc.

As mentioned on the previous page, construction was completed on the new \$4.5 million Logan Detachment for the West Virginia State Police, which is the **Back-Up Data Center** for that WVSP Headquarters facility in South Charleston; therefore, it needed much of the same emergency and power distribution systems since the facility must remain in operation 24/7. For this Logan facility, we designed a 350 kW backup generator for the entire building, as well as **Uninterruptible Power Supply (UPS) room**, secured entrances, raised access floors, and more.

This building also includes a Dispatch Center with a dispatch room, radio room, and a computer rooms with raised access floors. Furthermore, the detachment has a **District Commander's office**, **Detachment Commander's office**, **Assistant Commanders' offices**, **Lieutenant Inspector office**, **Lieutenant offices**, **squad bay for 25 Troopers w/workstations**, receptionist area, file rooms, dayroom, evidence room, 30 trooper lockers, conference rooms, processing room, witness interview room, two-bay garage, and more. There are multiple **energy-efficient and sustainable design** aspects to the building: The Detachment uses a daylight clearstory to let **natural daylight** into the internal squad and conference rooms. The **HVAC System** included the installation of 2 high efficiency condensing boilers, pumps with variable speed drive control, custom air handling unit with dx (remote condensing unit) and hot water coils, variable air volume boxes with hot water heating coils, computer room units with remote

condensing units, and direct digital controls. This is the first time **Insulated Concrete Forms (ICFs)** have been used for State Police Buildings; ICFs are an almost perfect fit since they are cost effective to construct, energy efficient, and secure.



2 Generator Projects

Washington, Pennsylvania

Owner

Washington & Jefferson College

Size

Multiple Buildings

Project Architects-Engineers

McKinley Architecture and Engineering

Project Architect

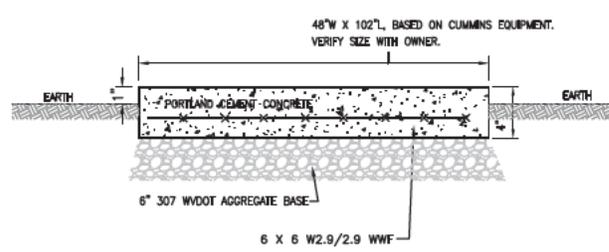
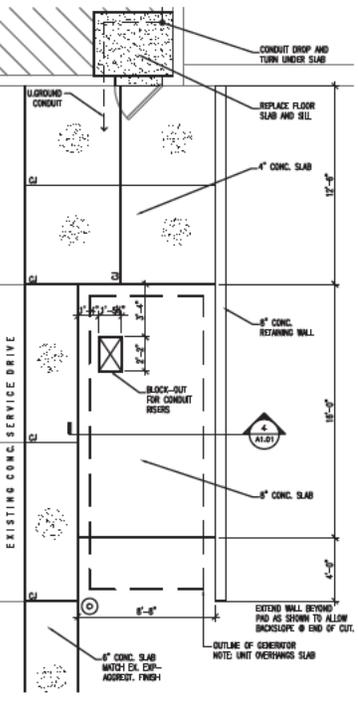
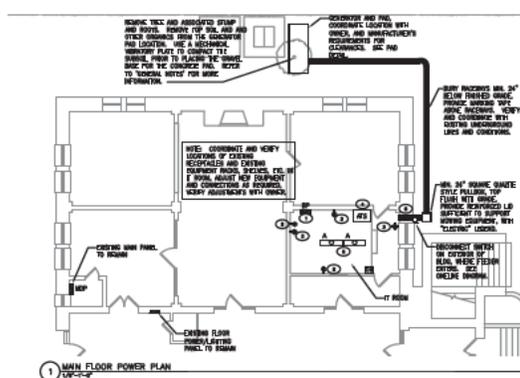
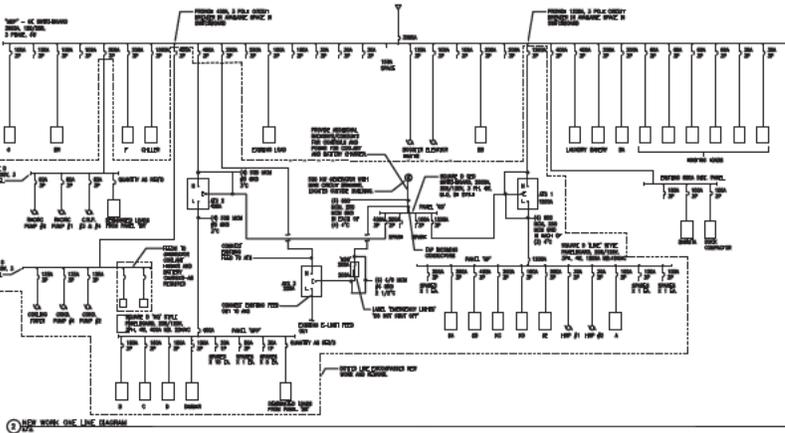
Ray Winovich, RA

McKinley Architecture and Engineering has worked with Washington & Jefferson College on multiple projects, and on several buildings around their campus.

One project is a major emergency generator installation project with an elevated structural steel platform at their Commons building. This natural gas emergency power generators will provide backup power for egress lighting, life safety systems, and other mission critical processes. This project required electrical, mechanical and civil engineering services. The Commons was originally constructed in 1967, is approximately 32,613 SF, and serves as the main kitchen and dining hall for the College. There is a radio station, coffee shop, student organizational space, and meeting space. There is also some critical network equipment located in this facility. It is the intent of the college that this space be used to provide food and shelter in the event an emergency. The 500 kW generator was designed to support egress lighting and life safety systems, as well as serve as backup power necessary to maintain food stores, prepare and serve food, provide heat for shelter, and, finally, serve as a campus operations center should one become necessary. Project included new transfer switches, panels, feeds, and lighting. In addition, the project included demo and excavation, as well as the addition of a concrete pad and retaining wall.

For another project, we also designed an emergency generator installation project at their administration building Thompson Hall. This natural gas emergency power generator will provide backup power for egress lighting, life safety systems, and other mission critical processes. This project required electrical, mechanical and civil engineering services. The 14,530 SF Thompson Hall was originally constructed in 1913 as the Library, and now houses offices for Business and Finance, Academic Affairs, and the Registrar. It is also the location of critical network switching equipment and a Data Center. The generator was designed to support egress lighting and life safety systems, as well as serve as backup power for the network equipment and ancillary HVAC housed there.

Additional responsibilities for BOTH projects included researching current loads and projected loads and make recommendations for proper generator sizing, preparing an order of magnitude budget at various phases of design, developing a pre-purchase specification for the direct purchase of generators by the College (*the purpose of direct purchase was to reduce cost and lead time*), making recommendations for generator placement giving consideration to cost benefit and reducing overall impact to the campus environment, and being responsible for utility coordination and the procurement of applicable permits.



Long Drain School Generator

Metz, West Virginia

Owner

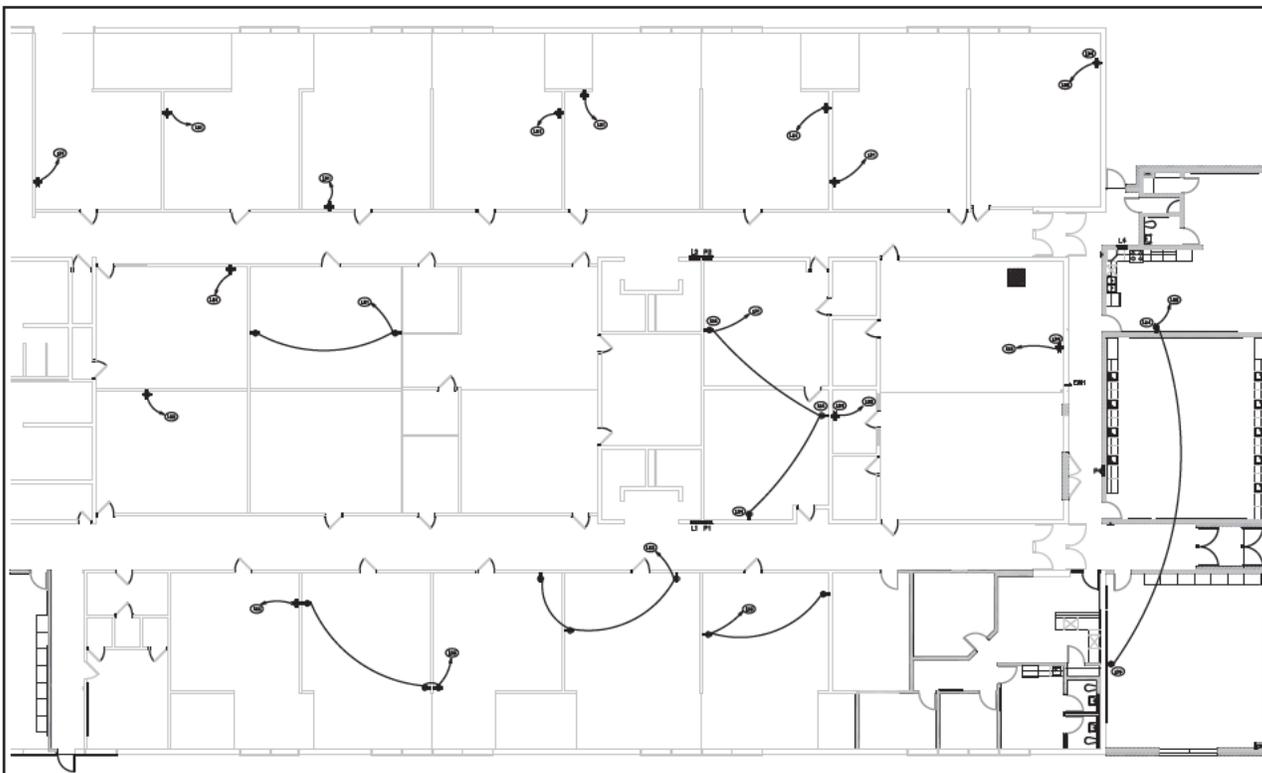
Wetzel County Schools

Project Architects-Engineers

McKinley Architecture and Engineering

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

One project is an overall County Wide School Power Upgrade Project. At Long Drain School, we repurposed an existing decommissioned emergency generator as part of installing a new power feed to existing transfer switch. This included new power panel installations. Project also included re-feeding of critical food refrigeration, sewage pump/treatment, and owner critical circuits throughout the school to be fed from this 60kW generator during power outages. Project included design coordination with the contractor during Project Construction.



- POWER KEYNOTES**
1. POWER CIRCUIT FROM PANEL 'W1' PROVIDE A 30A/1P CIRCUIT BREAKER IN PANEL. PROVIDE CIRCUIT BREAKER BRACKET AS REQUIRED. BRACKET TO BE MOUNTED TO PANEL. PROVIDE CIRCUIT BREAKER AS REQUIRED.
 2. POWER CIRCUIT FROM PANEL 'W1' PROVIDE A 30A/1P CIRCUIT BREAKER IN AVAILABLE SPACE IN PANEL. PROVIDE CIRCUIT BREAKER AS REQUIRED.
 3. POWER CIRCUIT FROM PANEL 'W1' PROVIDE A 30A/1P CIRCUIT BREAKER IN AVAILABLE SPACE IN PANEL. PROVIDE CIRCUIT BREAKER AS REQUIRED.
 4. DEVICE PERMITTED TO BE BARRAGE MOUNTED.

1 ELECTRIC PLAN
178-1-0

BIDDING DOCUMENTS

PROJECT: LONG DRAIN ELECTRICAL PLAN
 CLIENT: WETZEL COUNTY ELECTRICAL UPGRADE
 LOCATION: WETZEL COUNTY SCHOOLS
 ADDRESS: NEW MARTINSVILLE, WV

McKINLEY & ASSOCIATES
 ARCHITECTS / ENGINEERS / INTERIORS / ENVIRONMENTAL DESIGN
 1000 MARKET STREET, SUITE 200
 MARTINSVILLE, WV 26151
 PHONE: 304-291-1111 FAX: 304-291-1112
 WWW.MCKINLEY-ASSOCIATES.COM

DATE: 5/13/2016
 SCALE: AS NOTED
 DRAWING NUMBER: LD-E1
 SHEET COUNT: 1/1

2 Generators

Cameron, West Virginia

Owner

Marshall County Schools

Project Architects-Engineers

McKinley Architecture and Engineering

McKinley Architecture and Engineering has completed almost \$80 million in projects over the past 10 years for Marshall County Schools.

Currently in design are new emergency generators at 2 schools in Cameron; Cameron Elementary School and Cameron Middle/High School. There is also a chiller replacement at Cameron Middle/High School, with a new air-cooled chiller. These are ESSERF funded projects.

Both schools have experienced numerous electric failures throughout the year. One has a 3000 amp service that they will be adding a new chiller on, and the other is 1600 amp service both 480V.

The current design for Cameron Middle/High School includes a 2000 kW utilizing integrated paralleling of two (2) 1000 kW diesel generators, standby power to supply electrical power at 480 Volts, 60 Hertz, three phase, four wire. The generators shall consist of a liquid cooled diesel engine, a synchronous AC alternator, a paralleling control, electrically operated paralleling breaker, and all necessary accessories for a complete operating system, including but not limited to the items as specified hereinafter. This current design will include exterior distribution panels for the paralleling. The generator will service the entire building.

The current design for Cameron Elementary School includes equipment specifications based on a 800 DQCC generator set with microprocessor-based controls. The generator set shall operate at 1800 rpm and at a voltage of 277/480 Volts AC, Three phase, 4-wire, 60 hertz. The generator will service the entire building.

We worked very closely with the manufacturers, during the design, which results in better lead times.



Tyler County Judicial Annex

Middlebourne, West Virginia

Owner

Tyler County Commission

Construction Cost

\$10 million estimated

Project Architects-Engineers

McKinley Architecture and Engineering
Brandstetter Carroll

Project Manager

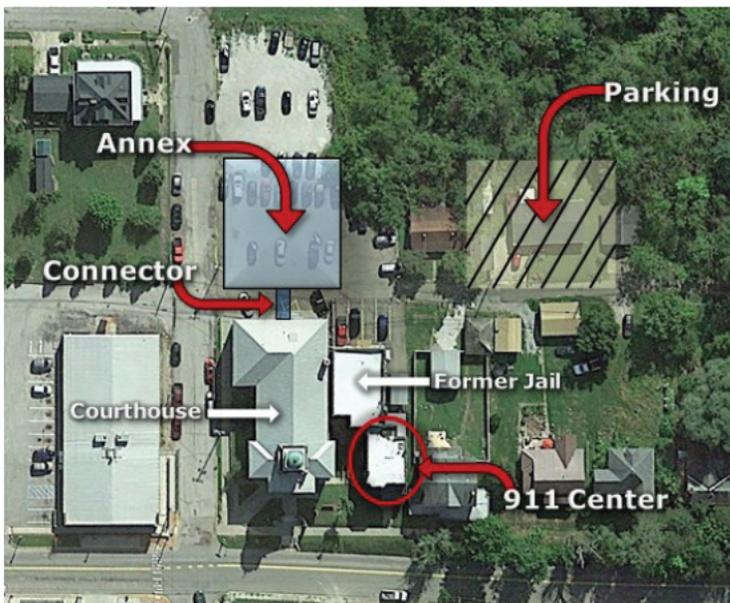
Patrick J. Rymer, AIA, ALEP (CEFP), NCARB

McKinley Architecture and Engineering and Brandstetter Carroll are currently working to provide the Tyler County Commission with architectural and engineering design services for renovations to the Tyler County Courthouse, and connected Sheriff's Office/911 building, and for the design of a new Judicial Annex.

The first phase of this project is the Judicial Annex. The original intention was for the proposed annex to be located directly behind existing courthouse, which is currently an asphalt parking lot; however, the site consists of fill that wasn't placed, and the addition would take all the courthouse parking. Therefore, we are currently working with the Commissioners to study other potential sites.

The departments/spaces to be in the new Judicial Annex facility will be the Magistrate Court/Offices, Prosecuting Attorney Offices, Family Court/Offices, Circuit Court/Office, Circuit Clerk offices, as well as support and storage spaces.

We designed an emergency backup generator for this building. The generator set will operate at 1800 rpm and at a voltage of 480/277, Volts AC, three phase 4 wire, 60 hertz. The complete generator set is rated at 30 kW, 37.5 kVA at 0.8 PF, Standby rating.



Moundsville Municipal/Public Safety Building

Moundsville, West Virginia

Owner
City of Moundsville

Size
22,000 SF

Construction Cost
\$6.5 million estimated

Project Architects-Engineers
McKinley Architecture and Engineering
Brandstetter Carroll

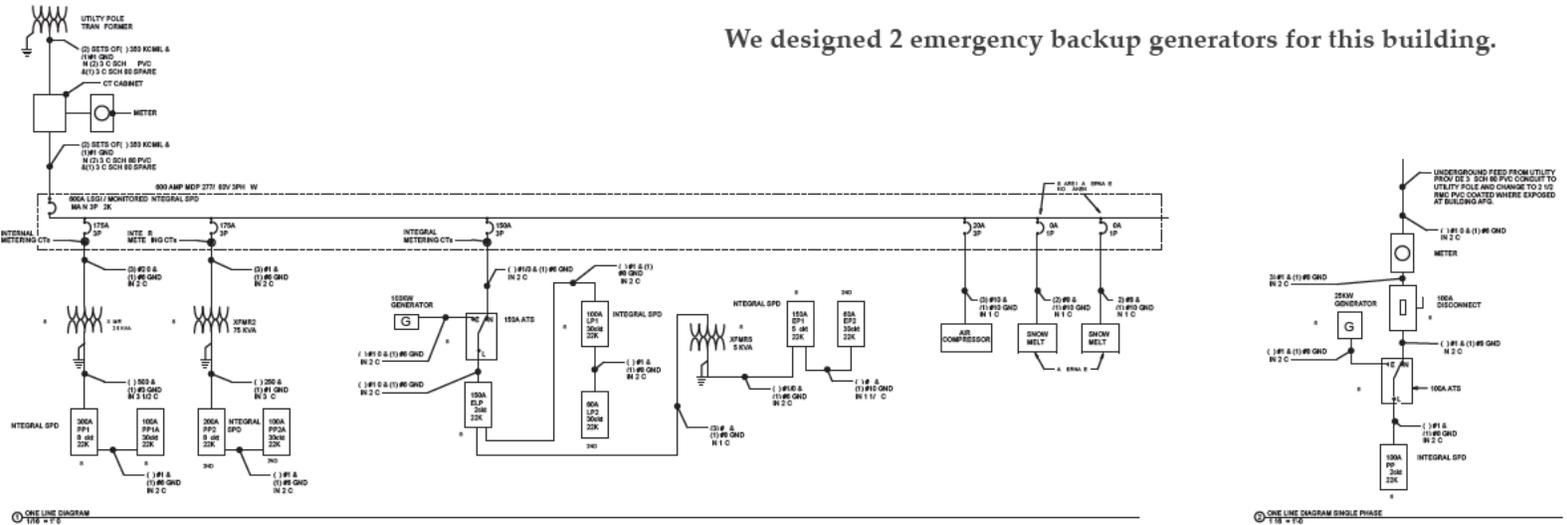
McKinley Architecture and Engineering is leading the team that is designing a new **Moundsville Municipal/Public Safety Building** for the City of Moundsville.

As part of the design process, we proposed several layouts to the City from which to choose and we walked them through the decision making process to ensure that they are getting a building that meets their needs. We are currently completing the construction documents based on this joint effort.

After planning meetings and design discussion, the building has developed into a 26,000 SF structure on 3 floors. It will hold the **Fire Department, Police Department, Municipal Offices, and Utility Departments**. The 3rd story will be a wide-open storage area, which is currently a critical issue facing city employees.

The building is situated at a corner allowing easy access for the three bay Fire Department and easy access for the Police Department Sallyport. They also have Decon, hose storage, gear storage / locker room, offices, kitchen, fitness areas, and more.

We designed 2 emergency backup generators for this building.



Brooke County Judicial Center

Wellsburg, West Virginia

Owner

Brooke County Commission

Size

32,000 SF

Construction Cost

\$11 million estimated

Project Architects-Engineers

McKinley Architecture and Engineering
Brandstetter Carroll

Project Manager

Christina Schessler, AIA, LEED AP BD+C

McKinley Architecture and Engineering is leading the design of the new Judicial Center for the Brooke County Commission. It is currently out for bids. The program is to construct a new 3-story, 32,000 SF Judicial Center on the site directly south of the existing courthouse annex. The Judicial Center will include the Circuit Court, Magistrate Court, Family Court, Prosecutors office, Probation office, secure holding cells on each floor and all supporting staff for each.

The building is a steel framed with a brick and stone veneer. There is a large glass entry facing the Ohio River. In addition, it has been situated so that first floor is out of the 100 year flood plain and it is still completely accessible to the public. There will also be additional parking on an adjacent property.

We designed an emergency backup generator for this building. The generator set will operate at 1800 rpm and at a voltage of 480/277, Volts AC, three phase 4 wire, 60 hertz. The complete generator set is rated at 80 kW, 100 kVA at 0.8 PF, Standby rating.



References

We feel that the best way to demonstrate our strengths and leadership in design - including generators - is by referring to our clients. We also have an ever-growing list of repeat clients, which include having multiple open-end contracts with organizations; we are able to respond to their needs, and we are certain that we are able to respond to all of your needs as well. So that you don't only have to take our word for it; here is a list of references that we encourage you to call (we would be happy to provide more references, if requested):

(Building 55: West Virginia State Office Complex - LEED Certified)

Mr. Gregory L. Melton
State of West Virginia
General Services Division
1900 Kanawha Boulevard East
Charleston, WV 25305
304 / 558-1808

(2 generator projects)

Mr. Michael Price
Marshall County Schools
P.O. Box 578
Moundsville, WV 26041
304 / 843-4400 x349

(Generators on Multiple WVSP Facilities State-Wide)

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

(2 W&J generator projects)

Mr. Ed Chavern, LEED AP
Washington & Jefferson College
60 S. Lincoln Street
Washington, PA 15301
724 / 223-6534

References

(Municipal / Public Safety Bldg)

Mr. Rick Healy
City of Moundsville
800 6th Street
Moundsville, WV 26041
304 / 845-6300

(Cabela's Eastern Distribution Center)

Mr. Rick Boccetti
Cabela's
1 Cabela's Drive
Sidney, Nebraska 69160
860 / 290-6251

(Tyler County Judicial Annex)

Mr. Eric Vincent
Tyler County Commission
121 Main Street
Middlebourne, WV 26149
304 / 758-2102

(J.B. Chambers Performing Arts Center)

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

(Brooke County Judicial Center)

Ms. Stacey Wise
Brooke County Commission
201 Courthouse Square
Wellsburg, WV 26070
304 / 737-3661

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

(Name, Title) 
(Printed Name and Title) Ernest Dellatorre, Director of Business Development
(Address) The Maxwell Centre, 32 20th Street - Suite 100, Wheeling, WV 26003
(Phone Number) / (Fax Number) (304) 233-0140 x115 | (304) 233-4613
(email address) edellatorre@mckinleydelivers.com

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

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

McKinley Architecture and Engineering

(Company)



(Authorized Signature) (Representative Name, Title)

Ernest Dellatorre, Director of Business Development

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

(304) 233-0140 x115 | (304) 233-4613

(Phone Number) (Fax Number)

edellatorre@mckinleydelivers.com

(Email Address)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/14/2021

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

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

PRODUCER The James B. Oswald Company 1100 Superior Avenue, Suite 1500 Cleveland OH 44114	CONTACT NAME: Steven Galica	
	PHONE (A/C, No, Ext): 216-306-0047	FAX (A/C, No): 216-839-2815
E-MAIL ADDRESS: sgalica@oswaldcompanies.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Con inental Insurance Company		35289
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

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

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

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

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

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

CERTIFICATE HOLDER March-Westin Company 360 Frontier Street Morgantown WV 26505	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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