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Header 1

List View

- General Information
- Contact
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- Document Information
- Clarification Request

Procurement Folder: 2024719

Procurement Type: Central Purchase Order

Vendor ID: 000000204787

Legal Name: THE THRASHER GROUP INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 08/05/2026

Response Time: 16:25

Responded By User ID: lsummerlin

First Name: Logan

Last Name: Summerlin

Email: lsummerlin@thethrashergr

Phone: 3046244108

SO Doc Code: CEOI

SO Dept: 0603

SO Doc ID: ADJ2700000001

Published Date: 7/23/26

Close Date: 8/6/26

Close Time: 13:30

Status: Closed

Solicitation Description: EOI - Wheeling AASF#2 HVAC Renovations Design

Total of Header Attachments: 1

Total of All Attachments: 1



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

State of West Virginia
Solicitation Response

Proc Folder: 2024719
Solicitation Description: EOI - Wheeling AASF#2 HVAC Renovations Design
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2026-08-06 13:30	SR 0603 ESR08052600000000779	1

VENDOR
000000204787
THE THRASHER GROUP INC

Solicitation Number: CEOI 0603 ADJ2700000001
Total Bid: 0
Response Date: 2026-08-05
Response Time: 16:25:43
Comments: N/A

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor Signature X	FEIN#	DATE
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All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Wheeling AASF#2 HVAC Renovations Design				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments: N/A

Extended Description:

Provide professional architectural and engineering design services per the attached documentation.

WEST VIRGINIA ARMY NATIONAL GUARD
ARMY AVIATION SUPPORT FACILITY

THRASHER

WEST VIRGINIA ARMY NATIONAL GUARD

Wheeling AASF#2
HVAC Renovations Design

Submitted by:

The Thrasher Group, Inc.

August 6, 2026

August 6, 2026

Attn: Mr. David Pauline, Buyer
West Virginia Army National Guard
Submission via wvOASIS

RE: West Virginia Army National Guard — Wheeling AASF#2 HVAC Renovations Design (CEOI 0603 ADJ2700000001)

Dear Mr. Pauline and Members of the Selection Committee:

The West Virginia Army National Guard is in need of engineering and architectural services to redesign and replace the HVAC equipment in the Wheeling Army Aviation Support Facility #2 to better support the needs of those who operate within that facility. With a variety of phases and services required for this type of project, as well as bidding assistance, cost estimating, and construction administration, the WVNG will need a team of multi-disciplinary professionals who have conducted these projects before in order to gain a successful outcome. The Thrasher Group is the right firm for the job.

Thrasher has been serving clients across the Mid-Atlantic region for over 40 years. We have developed a strong portfolio of renovation and building improvement projects in that time, including a wealth of HVAC work. Our actively ongoing HVAC replacement at your CFMO Building 1707, for example, gives us a directly relatable effort not only from a technical standpoint, but from a process standpoint as well – we know how to design efficiently and in alignment with the specifications set forth by the WVNG, making sure that these improvements will benefit your facilities for the long term.

Our cumulative knowledge and experience with HVAC projects will enable us to work with you to effectively identify project scope, establish accurate budgets, and develop successful design solutions. With the additional aspect of us currently conducting multiple projects with you — including a new hangar right here on your Wheeling base — we have a well-developed understanding of your practices, priorities, and objectives, and we are more than prepared to bring our well-tuned approach to you for this project. This means that we will be responsive and will have a clear understanding of the facilities we're working within, because we're doing it alongside you every day.

We appreciate the opportunity to share our qualifications with you and look forward to further discussing how The Thrasher Group can continue to support the West Virginia Army National Guard now and for the long haul.

Sincerely,
The Thrasher Group, Inc.



Bill Cook, AIA, NCARB, LEED AP
Project Manager and Architect



350+

EMPLOYEES

- 30 Licensed Professional Engineers
- 11 Licensed Professional Surveyors
- 7 Licensed Professional Architects
- 2 Licensed Professional Landscape Architects

MAIN POINT OF CONTACT:

Bill Cook, AIA, NCARB, LEED AP
 Project Manager and Architect
 bcook@thethrashergroup.com
 Cell: 304-203-2449
 Office: 304-624-4108



40+

YEARS

of delivering successful projects



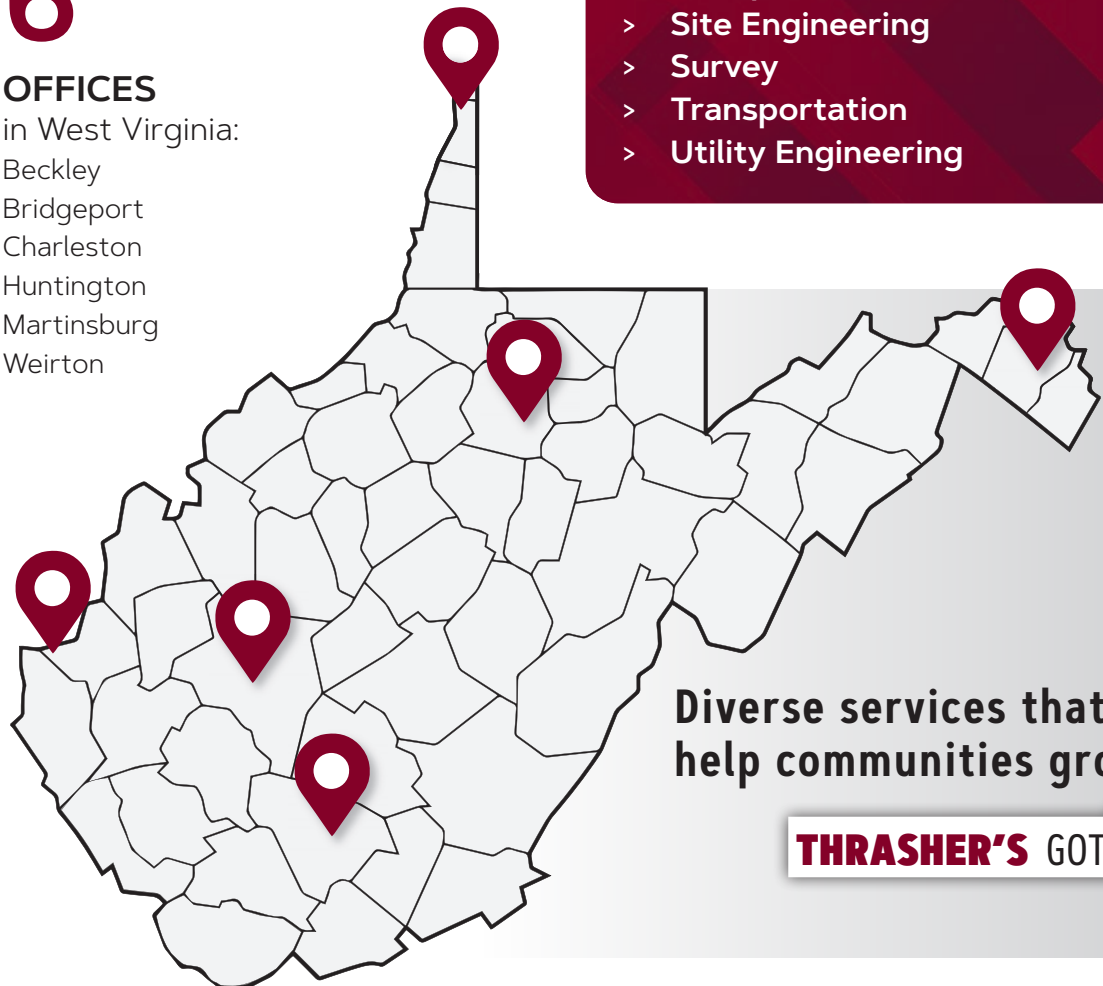
6

OFFICES

in West Virginia:
 Beckley
 Bridgeport
 Charleston
 Huntington
 Martinsburg
 Weirton

OUR SERVICES

- > Architecture
- > Construction Services
- > Environmental
- > Geospatial
- > Site Engineering
- > Survey
- > Transportation
- > Utility Engineering



Diverse services that
 help communities grow.

THRASHER'S GOT IT



MECHANICAL, ELECTRICAL, & PLUMBING ENGINEERING

The Thrasher Group's Mechanical, Electrical, and Plumbing (MEP) engineering staff have over 75 years of combined experience. Our MEP team utilizes this experience and their knowledge of a broad range of MEP systems to transform the built environment of the buildings in which we live, work, and play. State-of-the-art MEP systems provide operational efficiencies, sustainability, and comfort to make our lives easier and provide cost savings to all users.

Thrasher's MEP experts incorporate the latest technology and best practices to support these systems across all stages of the design and construction process on a wide variety of facilities, including commercial, educational, healthcare, municipal, and industrial. Whether it's planning and designing a new building or analyzing an existing building to determine the most effective way to upgrade and retrofit the building's system, Thrasher's got it. Our MEP engineers have the experience and expertise to deliver functional, high-quality projects ranging from a simple water or wastewater pump station to a technically challenging retrofit of a high-rise office building to residential apartments.

Capabilities

Mechanical

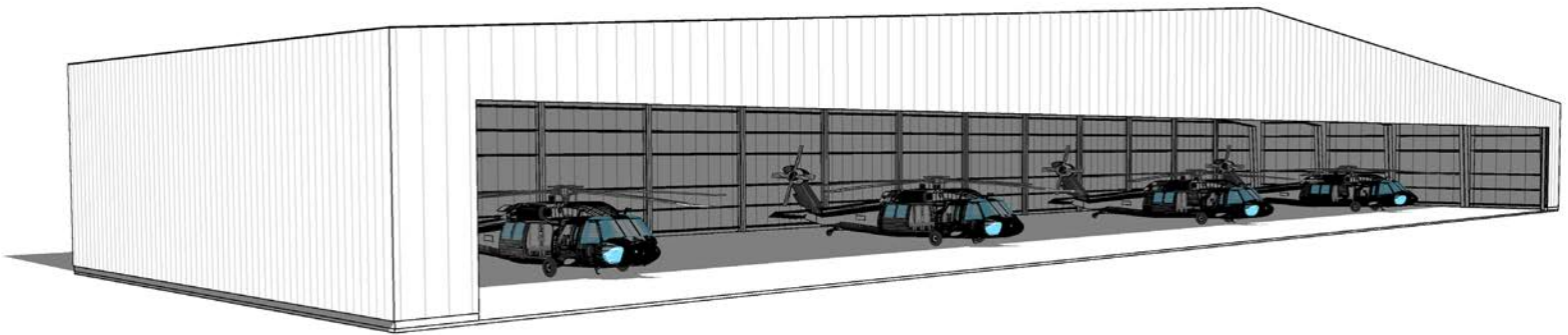
- > Building Evaluation Reports
- > Heating, Ventilating, and Air Conditioning (HVAC) Systems
 - » Advanced technologies, including Variable Refrigerant Flow (VRF) and Dedicated Outdoor Air Systems (DOAS)
- > Life Cycle Cost Analysis

Electrical

- > Building Evaluation Reports
- > Emergency Generators
- > Fire & Life Safety
- > Lighting
- > Medium & Low Voltage Power

Plumbing

- > Building Evaluation Reports
- > Domestic Water
- > Fire Protection Systems
- > Medical Gas Distribution
- > Medical Vacuum Systems
- > Sanitary / Storm



ARCHITECTURE

Thrasher offers a broad range of architecture and building design services to suit the needs of each individual client. Our approach to understanding our clients' goals and challenges makes us sought after in a variety of markets: educational facilities, commercial and retail spaces, healthcare facilities, government buildings, banking and financial institutions, and industrial warehouses, to name a few.

We have experience in numerous delivery systems, including design-bid-build, and have worked with owners to develop preliminary packages for alternative selection.

At Thrasher, we pride ourselves on exemplary aesthetic design while keeping our roots firmly planted in accurate cost estimating, budget control, and sustainability. Fulfilling our clients' needs in a responsible and innovative way has earned our firm recognition throughout the Mid-Atlantic region.

Architectural Expertise:

- > Adaptive Reuse
- > Building Additions and Renovations
- > Educational Facilities
- > Financial Institutions
- > Healthcare Facilities
- > Historic Preservation
- > LEED Certification
- > Multi-Family Residential
- > Public Safety Buildings
- > Public and Private Office Buildings
- > Recreational Facilities
- > Single-Family Residential

A critical step in meeting your goals is first ensuring we understand them. Thrasher's team has thoroughly reviewed the Expression of Interest request and is confident in our ability to deliver the highest-quality solutions to your problems. We are capable of meeting each goal/objective you have outlined and feel strongly that you will be satisfied with the outcome you receive.

We understand your goals for the Wheeling AASF#2 HVAC Renovations Design project and plan to approach them in the following manner:

Goal 2.1 | Design

The Thrasher Group can provide the West Virginia Army National Guard with all of the necessary engineering and architectural design services for this project, including mechanical, electrical, and plumbing services — while utilizing energy efficient, economical, and maintenance friendly equipment. Our team of in-house experts will handle all outlined key design elements, such as construction design.

Goal 2.2 | Utility Location

With one of the largest survey crews in the state, we have the ability to research and investigate the location of both underground and aboveground utilities around the project site. Thrasher has vast experience in this project component and will not only be able to locate these existing features, but can also provide drawings and specifications of them as needed.

Goal 2.3 | Drawings, Specifications, and Estimates

Our team will include drawings and specifications at the 35%, 65%, 95%, and 100% milestones. Cost estimating will be provided in the same increments. Our team will work closely with the Army National Guard to ensure estimates are accurate and the project proceeds within budget. We will take the Guard's feedback into consideration on both budget and design at each increment and work with all stakeholders to produce final designs that satisfy the needs of the project.

Goal 2.4 | Bid Assistance and Construction Administration

Competitive bid assistance and construction administration is part of the Thrasher package. Our team is well versed in these processes and has highly experienced staff available for your assistance. We have developed relationships with contractors all across the state and actively work with them to get the most bids possible for our clients' projects, acting as a resource to both the contractors and the client throughout the bid process.





Budgeting

Construction estimating and budgeting is one of the most important parts of what Thrasher can provide you. Without accurate budgets, there is no tool to guide the design process and issues will be inevitable. By including cost estimating as a part of the project scope from day one, we are able to avoid issues before they arise and keep your project within a reasonable cost.

Our estimates go beyond the typical system — rather than simply providing cost per foot or lump sum price, Thrasher will provide contractor-grade estimates that look at every part of the project. We do detailed take-offs of materials and look at every man hour needed to complete a project and factor this in accordingly. Then, we use our thorough understanding of the local market and material costs to accurately design within your budget.



Scheduling

Thrasher realizes the importance of establishing and maintaining project schedules. Time means money and making sure we help you spend your money wisely is our number one goal. Because of this, our team puts an emphasis on ensuring project timetables are met and communication is upheld throughout the process.

To accomplish these goals, Thrasher utilizes scheduling to track every stage of a project - from design and bidding through construction completion. We also require contractors working on our projects to regularly update their project schedules and give a detailed progress report at each job meeting, again focusing on the communication component of scheduling. This helps to ensure all parties are informed and aware of potential delays. Keeping our owners up to speed with progress is always our priority and ensures occupancy and owner supplied equipment are scheduled accordingly.



Communication

Communication throughout any project is a primary key to success. To that end, Thrasher will begin communication with the West Virginia Army National Guard immediately upon notification of award and will maintain consistent lines of communication for the duration of the project. This will ensure all parties involved - owner, contractor, and engineer - will always be apprised of the project happenings.

The two main components of the project approach will be design and construction. Each will have its own plan for communication.

Communication During Design

Prior to the initiation of design services, Thrasher's Project Manager, Bill Cook, will discuss preferred methods of communication with the WVNG's point of contact. Updates during the design phase can occur in numerous ways:

- » Weekly status updates via email
- » Weekly conference calls
- » Monthly progress meetings

No matter the methods preferred, our project teams are well-versed in keeping our clients abreast of project status. We can customize your project's communication plans to best fit your teams' wants and needs.

Communication During Construction

Before construction begins, Bill will again meet with the WVNG to determine preferred communication tools for this phase of the project. Open, consistent communication will be paramount to keep the project on time and within budget.

Additionally, Thrasher will conduct monthly progress meetings with the contractor, the WVNG, and key project stakeholders throughout the duration of the project. Meeting minutes will be distributed to all attendees and any other agents identified by the WVNG. Action items will be documented within the meeting minutes.

Throughout construction, Thrasher will have people on-site for project representation as well as material testing. Anytime a Thrasher employee is on-site during construction, a field report will be prepared. Field reports will be reviewed by the engineering team and distributed to the WVNG's construction representative on a weekly basis.

McDowell County Schools

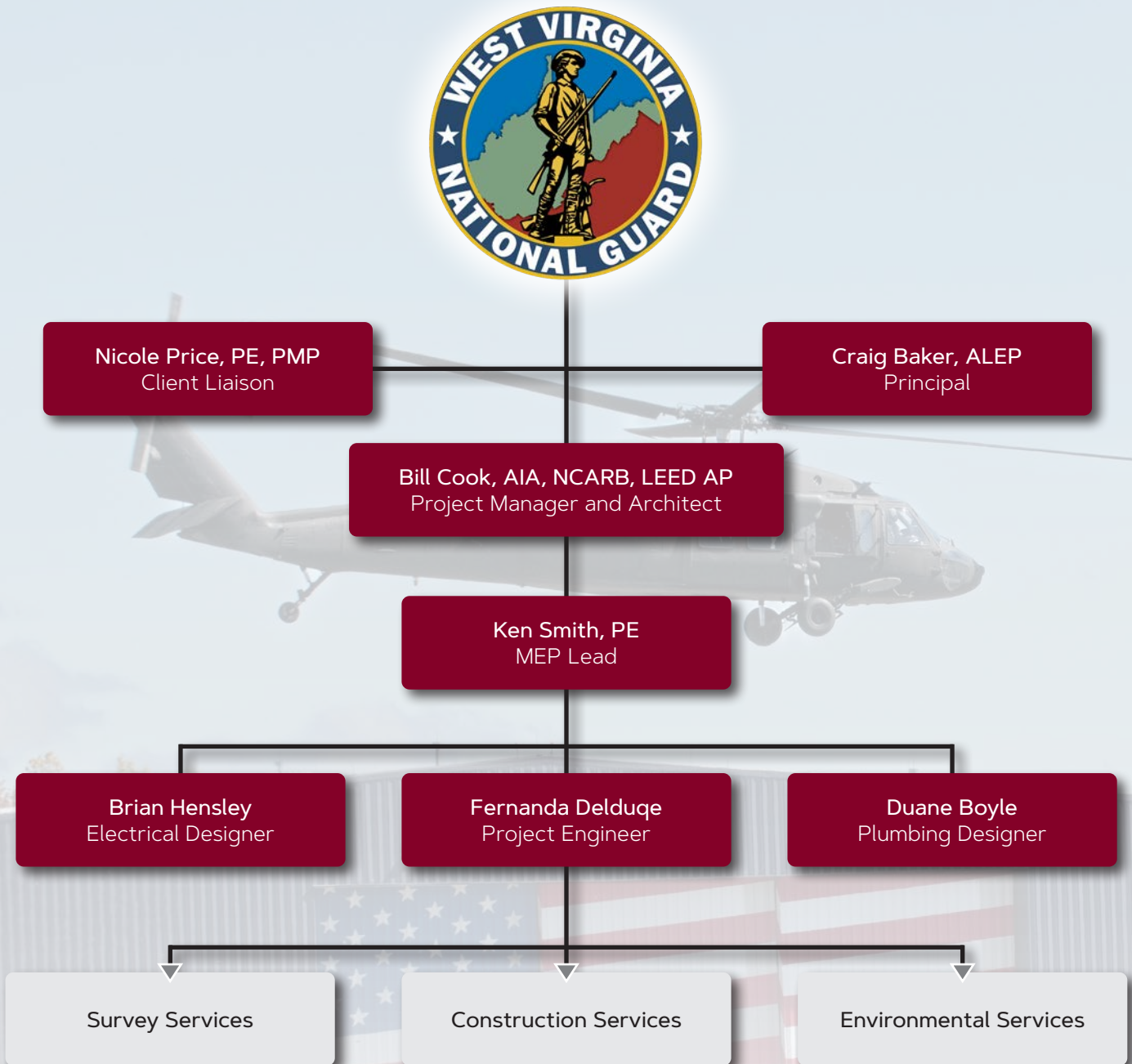
Mr. Will Chapman, Director of Facilities
30 Central Avenue
Welch, WV 24801
304-887-1206

Roane County Schools

Ms. Michelle Stellato, Superintendent
813 Capital Street
Spencer, WV 25276
304-927-6400

City of Morgantown

Ms. Emily Muzzarelli, Assistant City Manager
389 Spruce Street
Morgantown, WV 26505
304-225-3583





CRAIG BAKER, ALEP

PRINCIPAL

Education

Bachelor of Science,
Architectural Engineering
Fairmont State University

Advanced Certificate,
Educational Facilities Planning
San Diego State University

Affiliations

- > American Institute of Architects – Associate, West Virginia and National Chapters
- > Council of Educational Facility Planners
- > Associated Builders and Contractors – Board of Directors
- > Contractors Association of West Virginia – Joint Architects Committee Member

PROFESSIONAL OVERVIEW

Craig Baker, ALEP, serves as the leader of the Architecture Division at The Thrasher Group. An experienced designer and manager with an extensive background working with clients to plan, design, and manage projects both large and small, Craig works hand-in-hand with staff and clients to ensure projects remain on time and within budget.

Throughout his tenure at Thrasher, Craig has worked on a wide variety of projects, including industrial facilities, administrative office spaces, recreational spaces, academic building design, government buildings, military facilities, residences, and medical facilities. This well-rounded range of experience has enabled him to be able to build strong relationships with clients across the Mid-Atlantic Region, continuously providing sound design services on a diverse array of projects. Craig's dedication to each project he's a part of and his ability to understand his client's vision and goals for their projects has made him a highly sought-after designer and manager.

EXPERIENCE

West Virginia Army National Guard CFMO Building 1707 HVAC Replacement
Principal | Kanawha County, WV

Harrison County Commission Courthouse HVAC Replacement
Principal | Harrison County, WV

Taylor County Courthouse Annex 2 HVAC Improvements
Principal | Taylor County, WV

Grafton Housing Authority Elizabeth Cather Towers HVAC Renovation
Principal | Taylor County, WV

Fairmont State University Natatorium and HVAC Renovations
Principal | Marion County, WV

Fairmont State University Hunt Haught Hall and HVAC Renovations
Principal | Marion County, WV

Roane County Schools New HVAC Cooling Towers
Principal | Roane County, WV

Wirt County High School New Roof, HVAC, and Fire Alarm Replacement
Principal | Wirt County, WV

Belington Elementary School HVAC Upgrades
Principal | Barbour County, WV



NICOLE PRICE, PE, PMP

CLIENT LIAISON

Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:
> West Virginia

> Project Management
Professional (PMP)

Affiliations

> WAI Mountain State Chapter
Secretary
> Women in Aviation International
(WAI) Member
> Leadership Monongalia County

Trainings

> WAI/Harvard University
Emerging Leaders Program

PROFESSIONAL OVERVIEW

Nicole Price, PE, PMP, is an integral member of Thrasher's Land Development and Transportation Markets. She is experienced as a Project Engineer and Project Manager for a variety of client types. Nicole has worked alongside Thrasher's team of talented engineers and support staff to design several million dollars' worth of critical infrastructure upgrades over the years. Her projects have served both public and private clients, ranging from state highway systems and regional airports to municipalities and large-scale developers.

Her meticulous design aesthetic has served clients well, as she is able to clearly evaluate project sites and identify key challenges that ultimately impact design feasibility. Nicole is heavily involved in all facets of a project-assisting with site layout, drafting, project specifications, and reviewing final plans. Her thorough project documentation also draws the attention of Contractors, and results in highly competitive bidding.

EXPERIENCE

**West Virginia Army National Guard
Williamstown AASF #1 Apron Upgrades**
Project Manager | Wood County, WV

West Virginia Army National Guard CFMO Building 1707 HVAC Replacement
Client Liaison | Kanawha County, WV

West Virginia Army National Guard Wheeling AASF#2 New Hangar
Client Liaison | Ohio County, WV

West Virginia Army National Guard Williamstown AASF#1 New Hangar
Client Liaison | Wood County, WV

**Huntington Municipal Development Authority
H-Biz Training and Technology Center**
Project Engineer | Cabell County, WV

Proctor and Gamble New Manufacturing Facility
Project Manager and Audit Inspector | Berkeley County, WV

Baywood Hotel Drafting of Structural Renovations
Staff Engineer | Harrison County, WV

Huntington Municipal Development Authority ACF Development
Project Manager | Cabell County, WV

Name:	NICOLE M. PRICE
WV Professional Engineer:	PE License Number: 021372
	PE License Status: Active
	PE Issue Date: 06/15/2015
	PE Expiration Date: 12/31/2026
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 46.50
	Carryover Hours for Next Renewal: 15.00
	Last Renewal or Reinstatement Date*: 12/30/2024
WV Engineer Intern:	EI Certification Number: 9210
	EI Issue Date: 07/26/2010
Primary Address of Record:	1153 CAMBRIDGE AVENUE MORGANTOWN, WV 26505
Primary Employer of Record:	THE THRASHER GROUP, INC.



BILL COOK, AIA, NCARB, LEED AP

PROJECT MANAGER AND ARCHITECT

Education

Master of Architecture,
Texas Tech University

Bachelor of Science,
Environmental Design,
State University of New York at
Buffalo

Registrations

Licensed Professional Architect:

- > West Virginia
- > Ohio
- > Pennsylvania

Certifications

- > LEED Accredited Professional,
US Green Buildings Council

Affiliations

- > American Institute of
Architects (AIA)
- > National Council of
Architectural Registration
Boards (NCARB)

PROFESSIONAL OVERVIEW

Bill Cook, AIA, NCARB, LEED AP, has over 25 years of experience as a registered architect and nearly 35 years in the architecture and planning field. He has worked with clients across the region on a variety of project types, including industrial, transportation, and maintenance facilities. Bill has worked on all aspects of these buildings, preferring to be involved from the very beginning of the project to the day the client takes possession and beyond, providing much needed continuity to the process. His experience gives him a refined eye for the design aspects of his work, as well as project construction and feasibility.

Bill brings a strong focus on details and constructability to his designs, and a thorough approach to the management process. As a LEED Accredited Professional, Bill works with clients to find cost saving and sustainable features that will enhance their projects, while providing value in terms of initial investment and long-term cost effectiveness. His educational background combined with his well-executed projects makes him a highly sought-after architect and manager.

EXPERIENCE

West Virginia Army National Guard CFMO Building 1707 HVAC Replacement
Project Manager and Architect | Kanawha County, WV

West Virginia Army National Guard Wheeling AASF#2 New Hangar
Project Manager and Architect | Ohio County, WV

West Virginia Army National Guard Williamstown AASF#1 New Hangar
Project Manager and Architect | Wood County, WV

**City of Morgantown Public Safety Building
Roof Repair and New HVAC System**
Project Manager and Architect | Monongalia County, WV

**Wheeling Housing Authority
Booker T. Washington HVAC Mechanical Replacement**
Project Manager and Architect | Ohio County, WV

**Columbiana Metropolitan Housing Authority
Fawcett Apartments HVAC Mechanical Replacement**
Project Manager and Architect | Columbiana County, OH

**Columbiana Metropolitan Housing Authority
Riverview Apartments HVAC Mechanical Replacement**
Project Manager and Architect | Columbiana County, OH



KEN SMITH, PE

MEP LEAD

Education

Bachelor of Science,
Mechanical Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Virginia
- > Ohio
- > Kentucky

Affiliations

- > American Society of
Heating, Refrigerating, and
Air Conditioning Engineers
Member

PROFESSIONAL OVERVIEW

Ken Smith, PE, has become a vital member of the Thrasher team with his impressive experience in mechanical engineering, project management, and construction administration. His skills in HVAC system design (heating, ventilation, and air conditioning), bidding and estimating, and energy efficiency have led to the success of numerous projects.

Ken utilizes notable leadership and communication skills as a Project Manager by coordinating with clients and engineers regarding project requirements. Additionally, he has extensive proficiency in designing HVAC systems for offices, schools, multifamily residential buildings, and other structures including water and wastewater facilities.

EXPERIENCE

West Virginia Army National Guard CFMO Building 1707 HVAC Replacement
MEP Lead | Kanawha County, WV

West Virginia Army National Guard Wheeling AASF#2 New Hangar
Mechanical Engineer | Ohio County, WV

West Virginia Army National Guard Williamstown AASF#1 New Hangar
Mechanical Engineer | Wood County, WV

Glenville State College HVAC Repair
Project Manager | Gilmer County, WV

McDowell County Schools Rooftop Units and HVAC Control Upgrades
Mechanical Engineer | McDowell County, WV

Yeager Airport HVAC Replacement
Project Engineer | Kanawha County, WV

City of Ripley Wastewater Treatment Plant HVAC Design
Mechanical Engineer | Jackson County, WV

Town of Kermit Water Treatment Plant HVAC Design
Mechanical Engineer | Mingo County, WV

**Paden City Municipal Water Works
Emergency Water Treatment Plant Upgrades**
Mechanical Engineer | Tyler and Wetzel Counties, WV

Benedum Airport Authority Bombardier Aircraft Hangars
Mechanical Engineer | Harrison County, WV

Dominion Energy Mount Storm New Facility
Mechanical Engineer | Grant County, WV

Name:	KENNETH E. SMITH
WV Professional Engineer:	PE License Number: 011672
	PE License Status: Active
	PE Issue Date: 07/16/1992
	PE Expiration Date: 12/31/2026
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 31.00
	Carryover Hours for Next Renewal: 1.00
	Last Renewal or Reinstatement Date*: 12/12/2024
WV Engineer Intern:	EI Certification Number:
	EI Issue Date:
Primary Address of Record:	2444 KIRBY ROAD MILTON, WV 25541
Primary Employer of Record:	THE THRASHER GROUP, INC.



FERNANDA DELDUQUE

PROJECT ENGINEER

Education

Bachelor of Science
Mechanical Engineering
West Virginia Institute of
Technology

Trainings

- > CPR
- > First Aid
- > OSHA 10

PROFESSIONAL OVERVIEW

Fernanda Delduque is a highly goal-oriented Project Engineer who serves Thrasher's Architecture and Water Resources Markets. One of her primary responsibilities for these teams is providing mechanical, electrical, and plumbing (MEP) engineering assistance. Her MEP knowledge is continuously expanding, with experience including HVAC systems, wiring layouts for a welding lab, and electrical designs and calculations for water pump stations.

Additionally, Fernanda works closely with our Water Resources team to coordinate and execute a variety of tasks. Some of these responsibilities include cost estimation, securing funding sources, preparing design plans and quantity assessments, and composing preliminary engineering reports and specifications.

EXPERIENCE

West Virginia Army National Guard CFMO Building 1707 HVAC Replacement
Project Engineer | Kanawha County, WV

West Virginia Army National Guard Wheeling AASF#2 New Hangar
Project Engineer | Ohio County, WV

West Virginia Army National Guard Williamstown AASF#1 New Hangar
Project Engineer | Wood County, WV

Access Health/Rite Aide Conversion and HVAC Upgrade
Project Engineer | Raleigh County, WV

Benedum Airport Authority New Aircraft Hangars HVAC
Project Engineer | Harrison County, WV

**Hardy County Public Service District
Office Building Renovations and HVAC Design**
Project Engineer | Hardy County, WV

Dominion Energy Mount Storm Office Building HVAC Design
Project Engineer | Grant County, WV

**Greenbrier County Schools
Greenbrier East High School Football Building and HVAC Design**
Project Engineer | Greenbrier County, WV

Town of Kermit Emergency FEMA Generator Installation
Project Engineer | Mingo County, WV

Scouting America Steve A. Antoline Conservation Center HVAC Design
Project Engineer | Fayette County, WV



BRIAN HENSLEY

ELECTRICAL DESIGNER

Education

Bachelor of Science,
Electrical Engineering
West Virginia University Institute
of Technology

Certifications

- > Underground Coal Miner
3-13715, Surface Coal Miner
3-9346, Certified
- > Electrician Low/Medium/High
3-219, Surface Mine Foreman
S-3824-04, Class
- > 33 EMT-M, Certified Unlimited
Instructor EC,EE,IS,IU
- > AEP Class C Substation

Trainings

- > P&H Mining Equipment
4100XPB Mechanical and
Electrical
- > Rockwell Automation
PLC5 Maintenance and
Troubleshooting
- > Rockwell Automation
SLC500 Maintenance and
Troubleshooting

PROFESSIONAL OVERVIEW

Brian Hensley is an Electrical Designer serving Thrasher in a number of capacities. He works primarily with the Buildings and Facilities and Water Resources Markets, providing expertise in electrical work of all types. He has served as an MEP specialist for both public and private clients, working on everything from educational facilities to utility extensions and much more. Prior to joining Thrasher, he supervised projects such as installation and maintenance of complex mining equipment and power lines, substation maintenance, and underground communications. His understanding of electrical design, paired with his ability to find innovative solutions, makes him a valued member of the Thrasher team.

EXPERIENCE

West Virginia Army National Guard CFMO Building 1707 HVAC Replacement
Electrical Designer | Kanawha County, WV

West Virginia Army National Guard Wheeling AASF#2 New Hangar
Electrical Designer | Ohio County, WV

West Virginia Army National Guard Williamstown AASF#1 New Hangar
Electrical Designer | Wood County, WV

Boy Scouts of America Steve A. Antoline Conservation Center
Electrical Designer | Fayette County, WV

Chapmanville Towers Senior Housing Renovation
Electrical Designer | Logan County, WV

Parkland Place Senior Housing Renovation
Electrical Designer | Wood County, WV

Dominion Energy Mount Storm Office Building
Electrical Designer | Grant County, WV

Access Health/Rite Aid Building Conversion
Electrical Designer | Raleigh County, WV

City of Charleston Police Station Renovations
Electrical Designer | Kanawha County, WV

Baker Heights Fire Station
Electrical Designer | Berkeley County, WV

North Central West Virginia Airport Bombardier Hangars
Electrical Designer | Harrison County, WV



DUANE BOYLE

PLUMBING DESIGNER

Education

Associate Degree,
Mechanical Design
Ashland Regional Technology
Center

Certifications

> Mechanical Drafting, AutoCAD
R13&14 (Ashland Regional
Technology Center)

Affiliations

> Associated Builders and
Contractors, Inc.

PROFESSIONAL OVERVIEW

Duane Boyle, Plumbing Designer, brings Thrasher value in several capacities. He has provided plumbing designs for various project types over the years, such as tenant build-outs, schools, assisted living and memory care facilities, and warehouses. Several of Duane's daily duties consist of performing plumbing calculations, fixture selections, attending project development meetings, checking shop drawings, and coordinating with all other disciplines. Most of his work involves providing these design services from the beginning to end of a project using the most current versions of AutoCAD and Revit. Duane is capable of providing field verified documents of all existing plumbing systems on site and hand drawn existing systems for use in the design and development of new construction documents. He also performs field inspections and generates field reports of observations.

EXPERIENCE

West Virginia Army National Guard CFMO Building 1707 HVAC Replacement
Plumbing Designer | Kanawha County, WV

West Virginia Army National Guard Wheeling AASF#2 New Hangar
Plumbing Designer | Ohio County, WV

West Virginia Army National Guard Williamstown AASF#1 New Hangar
Plumbing Designer | Wood County, WV

Pocahontas Memorial Hospital Rural Health Addition Project
Plumbing Designer | Pocahontas County, WV

North Central West Virginia Airport Bombardier Hangars
Plumbing Designer | Harrison County, WV

North Central West Virginia Airport Aurora Hangar
Plumbing Designer | Harrison County, WV

Hardy County Public Service District Office Building Renovations
Plumbing Designer | Hardy County, WV

The Landing at Meadow View Apartments
Plumbing Designer | Harrison County, WV

Access Health Women's Health Clinic
Plumbing Designer | Raleigh County, WV

Camden on Gauley Richwood Clinic
Plumbing Designer | Nicholas County, WV

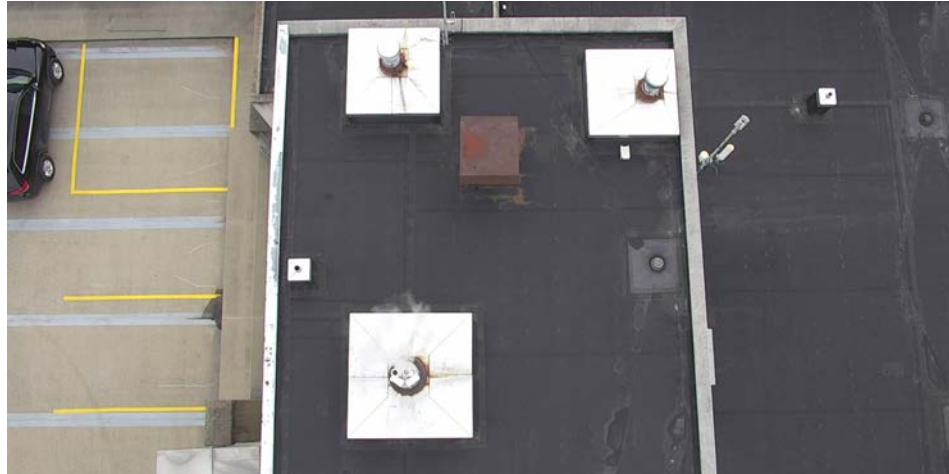
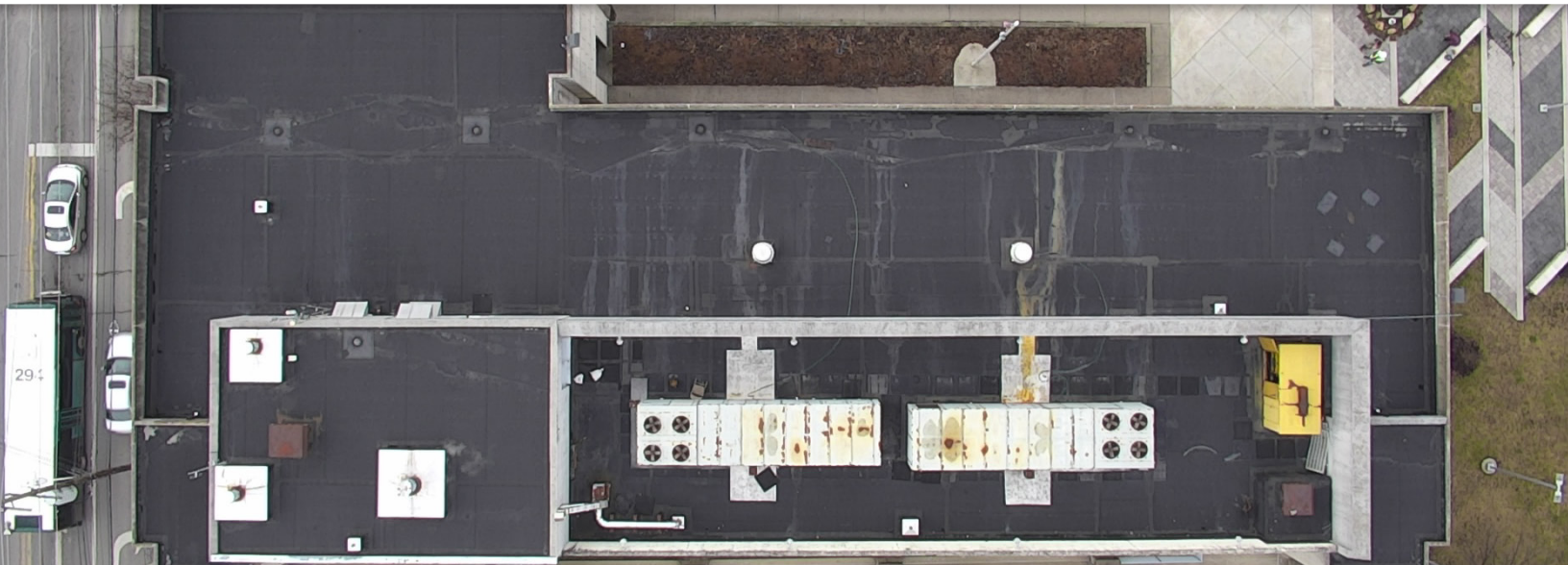


 **WEST VIRGINIA
ARMY NATIONAL GUARD**
CFMO Building 1707
HVAC Replacement

The Thrasher Group was hired by the West Virginia Army National Guard in 2024 to design a replacement and upgrade to the existing HVAC system within the Chief Facilities Management Office (CFMO) Building 1707, located in Charleston, WV. The old system within the building had temperature control and holding issues, resulting in the need for a full replacement and addition of electrical components to allow

for additional points of control over the system. The scope additionally included the removal of the existing heating and cooling system and replace with new and additional units, refrigerant piping, upgraded building control systems, removal and replacement of select rooftop units, removal and replacement of indoor units. Additionally, it includes the removal and replacement of ductwork and distribution devices, as well as removal and replacement of selected portions of the ceiling system, and installation/modification of miscellaneous steel structure, roof curbs and flashing as required for the HVAC system upgrades.

A contractor was recently selected for this project, with construction expecting to begin in the fall of 2026 and continue into 2027.



CITY OF MORGANTOWN PUBLIC SAFETY BUILDING Roof Repair and New HVAC System

Client Contact:

Ms. Emily Muzzarelli, Assistant City Manager
389 Spruce Street | Morgantown, WV 26505
304-290-3460

The City of Morgantown hired The Thrasher Group to demonstrate their proficiency in architecture and design to renovate the Morgantown Public Safety Building. The issues that needed addressed were water causing the roof to leak, thermal comfort throughout the building, and to design a fiscally viable facility.

Thrasher's Buildings and Facilities Market members worked alongside the client and sub-consultants to estimate the cost of construction and renovations. Following the cost analysis, it was determined the project needed to be divided into two phases until a second round of funding transpired. Our team began to prioritize aspects of the project to fully utilize their services throughout phase one.

Our team addressed the leaks in the roof and replaced the old rooftop HVAC units during the initial phase of the project. The replacements were immediately tested, adjusted, and balanced. To strategize the second phase of the project, our team used infrared scanning to identify areas of heat loss in the building. Thrasher plans to replace additional components of the HVAC system to maximize thermal comfort in the Public Safety Building.



ROANE COUNTY SCHOOLS HVAC Renovations

Client Contact:

Ms. Michelle Stellato, Superintendent
813 Capital Street | Spencer, WV 25276
304-927-6400

Roane County Schools had a list of projects that needed accomplished at schools throughout their district. Five schools were in need of work, ranging from HVAC replacements, security upgrades, and roof replacements to the planning and design of a new school.

In order to secure funding for these much needed projects, the Board of Education opted to go through a bond call. The Thrasher Group was hired to work with the Board of Education to help educate the public on the necessity of passing the bond, and was ultimately successful in doing so. Roane County voters approved the bond to fund more than \$9.5 million in facility improvements across the county, which Thrasher will be providing architectural services for currently.



CALHOUN-GILMER CAREER CENTER Roof and HVAC Upgrades

Client Contact:

5260 West Virginia 5 | Grantsville, WV 26147
304-354-6151

The Thrasher Group worked with the Calhoun-Gilmer Career Center for several years to complete a multi-phase project that upgraded several facets of the Center.

- » **Phase I** of the project focused on upgrading the on-site wastewater treatment plant, and the complete demolition and reconstruction of all restrooms in the facility.
- » **Phase II** was multi-faceted. During this portion of the project, Thrasher completed roof repairs, parapet coping, flooring upgrades, and painted doors and frames.
- » **Phase III** dealt with external features and various security upgrades.





MARION COUNTY SCHOOLS North Marion High School HVAC

Client Contact:

Mr. Scott Reider, Treasurer
1516 Mary Lou Retton Dr. | Fairmont, WV 26554
304-367-2100

The Marion County Board of Education hired The Thrasher Group to do a complete HVAC replacement at North Marion High School. The work consisted of a replacement of the existing two-pipe system with a completely new four-pipe system. Work on this project was completed while school was in session along with during summer months. A substantial amount of electrical work and a full ceiling replacement were also completed along with all HVAC work.

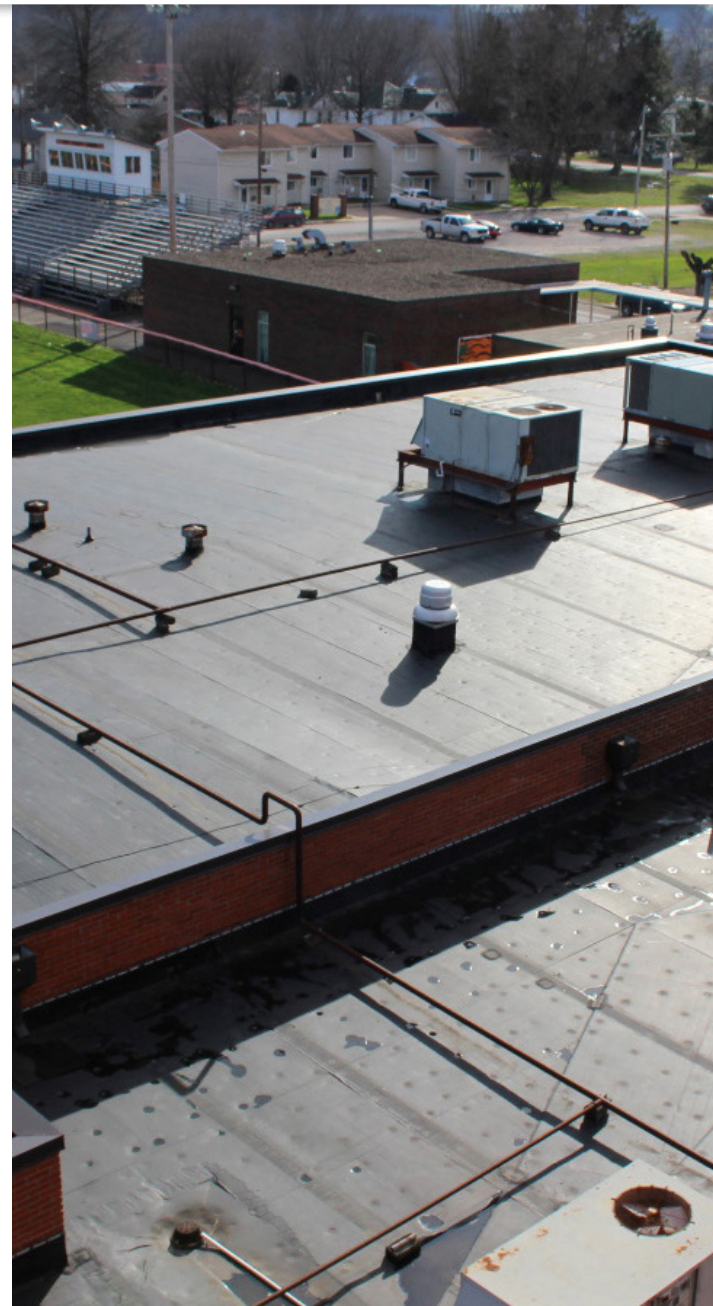


MARION COUNTY SCHOOLS **East Fairmont Middle School** **HVAC Replacement**

Client Contact:

Mr. Scott Reider, Treasurer
1516 Mary Lou Retton Dr. | Fairmont, WV 26554
304-367-2100

The Thrasher Group was hired by the Marion County Board of Education to complete a full HVAC replacement at East Fairmont Middle School. The work included replacing the existing malfunctioning system with a new state of the art VRF System and DDC controls. Also included as part of this work were new refrigerant lines and ceilings where required. This work was completed by the start of the 2025 school year.



WIRT COUNTY SCHOOLS High School, Primary School, and Middle School Renovations

Client Contact:

Mr. Jeff Smith, Director of Transportation/Maintenance
PO Box 189 | Elizabeth, WV 226143
304-275-8965

The Thrasher Group was hired by the Wirt County Board of Education to re-roof both the Wirt County High School and the Middle/Primary School. This project included the replacement of every roof at these schools with new 20-year membrane and adding new insulation to increase the amount of thermal performance in the buildings. Also included as part of this project is the replacement of rooftop HVAC equipment, controls, and a fire alarm system.



AB CONTRACTING HVAC Systems Upgrades

Client Contact:

Mr. Allen Bell, Owner
5521 Ohio River Rd. | Point Pleasant, WV 25550
304-674-0100

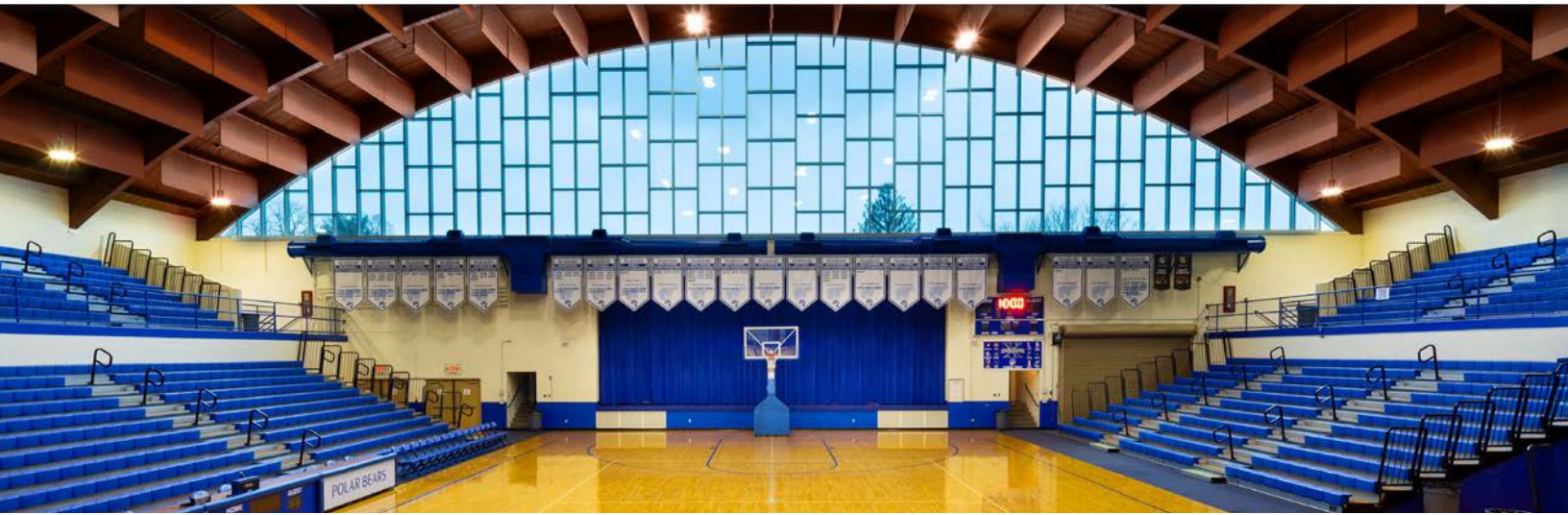
The Thrasher Group worked with AB Contracting to convert an existing 17 story office building (approximately 112,000 square feet) into a residential high rise apartment building including two floor of commercial office space. This project included the design of the heating, ventilating and air conditioning (HVAC) systems for the building. The buildings original heating and cooling system (hot water boilers and water cooled chillers) was abandoned and replaced with a variable refrigerant flow (VRF) system. New exhaust systems for dryers and toilets as well as a new outside air system for each apartment unit were included in the design.

To bring the building up to current code, a fire pump, new emergency generator and stair pressurization system were required.

The Thrasher Group worked closely with Appalachian Power to design a power distribution system to meet the requirements for separately metering each individual apartment unit.

To address water pressure concerns, two central domestic water heating plants (located at different levels) were utilized. This minimized the number of pressure reducing valves needed throughout the system.





MARION COUNTY SCHOOLS New Board Office and Field House Armory Renovations

Client Contact:

Mr. Scott Reider, Treasurer
1516 Mary Lou Retton Dr. | Fairmont, WV 26554
304-367-2100

The Thrasher Group partnered with the Marion County Board of Education on a project aimed at enhancing administrative office spaces and improving athletic facilities at the field house. The work was guided by a series of thorough facilities assessments, which provided the foundation for all design decisions. Because Thrasher had previously completed the county's 2020–2030 Comprehensive Educational Facilities Plan (CEFP), the team brought an in-depth understanding of existing conditions and long-term needs across multiple sites.

The assessment process included evaluating building conditions, documenting deficiencies, and prioritizing improvements based on safety, functionality, and sustainability. Thrasher also reviewed security and access needs, identifying opportunities to strengthen secure entry points and improve overall circulation. These findings were integrated with budget and schedule considerations to support responsible planning and minimize disruption to school operations.

Using this information, Thrasher developed design solutions for the office renovations and athletic facility upgrades that addressed both immediate needs and long-term growth. The result is a more efficient, secure, and welcoming environment that reflects the Board's goals and Thrasher's commitment to thoughtful, client-focused improvements.



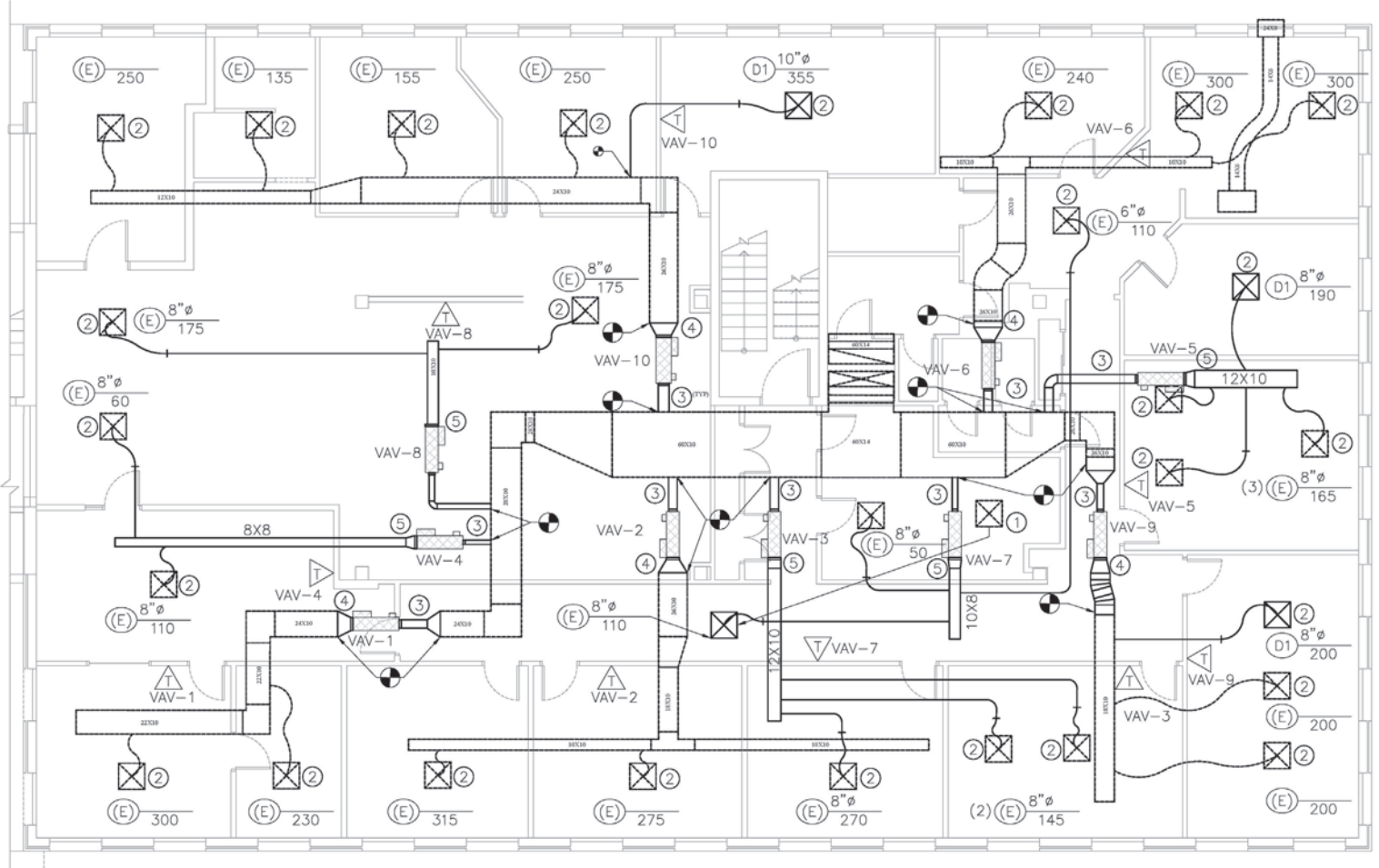
GRAFTON HOUSING AUTHORITY Elizabeth Cather Towers HVAC Renovation

Client Contact:

Mr. Gary Rowan, Project Manager
131 East Main Street Grafton, WV 26354
304-265-0629

Elizabeth Cather Tower is home to the Grafton Housing Authority offering affordable housing to the community with approximately 80,000 square feet. To better the quality of life of their tenants, the housing authority

sought to complete an upgrade of the existing fan coil units that are in each living unit. Prior to demolition of the existing fan coil units, contractors were required to remove and replace all existing shutoff valves for each fan coil unit located on the first floor. After completing the valve replacement, the fan coil units were then removed in each living unit – 111 fan coil units in total. The work included the demolition the enclosure around each of the 111 fan coil units and removing of the fan coil units themselves. Then each unit was replaced with a new unit and a new enclosure was provided around each unit. Contractors were allotted a certain amount of workspace in each living unit because the units were still occupied by tenants.



BERKELEY COUNTY DEVELOPMENT AUTHORITY HVAC Design

Client Contact:

Ms. Sandy Hamilton, Executive Director
300 Foxcroft Avenue, Suite 201
Martinsburg, WV 25401
304-267-4144

The Thrasher Group was hired by the Berkeley County Development Authority to solve high humidity issues in their office building. A variety of HVAC upgrades were needed to make this happen, with Thrasher's mechanical and electrical engineers providing design services. The team converted the constant air volume roof top unit system with zone and bypass dampers to a variable air volume (VAV) roof top unit system with VAV boxes having electric re-heat. This project is currently underway with anticipated completion of August 2021.



THRASHER