



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.

Header 1

List View

General Information Contact Default Values Discount Document Information Clarification Request

Procurement Folder: 1491143

SO Doc Code: CEOI

Procurement Type: Central Purchase Order

SO Dept: 0603

Vendor ID: 000000204787

SO Doc ID: ADJ2500000006

Legal Name: THE THRASHER GROUP INC

Published Date: 8/14/24

Alias/DBA:

Close Date: 8/28/24

Total Bid: \$0.00

Close Time: 13:30

Response Date: 08/27/2024

Status: Closed

Response Time: 9:31

Solicitation Description: Building 215 Administration Wing Renovation-Camp Dawson CEOI

Responded By User ID: Thrasher

Total of Header Attachments: 1

First Name: Maggie

Total of All Attachments: 1

Last Name: Hart

Email: mhart@thethrashergroup.cor

Phone: 304-624-4108



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:** 1491143  
**Solicitation Description:** Building 215 Administration Wing Renovation-Camp Dawson CEOI  
**Proc Type:** Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2024-08-28 13:30	SR 0603 ESR08272400000001490	1

**VENDOR**  
000000204787  
THE THRASHER GROUP INC

**Solicitation Number:** CEOI 0603 ADJ2500000006  
**Total Bid:** 0  
**Response Date:** 2024-08-27  
**Response Time:** 09:31:09  
**Comments:** N/A

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

<b>Vendor Signature X</b>	<b>FEIN#</b>	<b>DATE</b>
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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	Building 215 Administration Wing Renovation- Camp Dawson				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.



THRASHER

# WEST VIRGINIA ARMY NATIONAL GUARD

Building 215 Administrative Wing Renovations  
CEOI 0603 ADJ25\*6

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**Submitted by:**  
The Thrasher Group, Inc.  
August 28, 2024

**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.

(Printed Name and Title) Craig Baker, Principal

(Address) 600 White Oaks Blvd. | Bridgeport, WV 26301

(Phone Number) / (Fax Number) 304-624-4108 / 304-624-7831

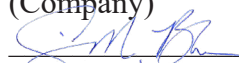
(Email address) cbaker@thethrashergroup.com

**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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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.

The Thrasher Group, Inc.

(Company)



(Signature of Authorized Representative)

Craig Baker, Principal August 26, 2024

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

304-624-4108 / 304-624-7831

(Phone Number) (Fax Number)

cbaker@thethrashergroup.com

(Email Address)

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: ADJ24\*08**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**

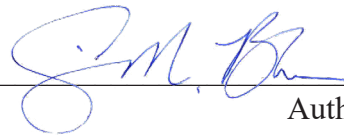
(Check the box next to each addendum received)

<input type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

\_\_\_\_\_  
The Thrasher Group, Inc.

Company

\_\_\_\_\_  


Authorized Signature

\_\_\_\_\_  
August 26, 2024

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

Revised 6/8/2012

STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

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

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

**DEFINITIONS:**

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

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

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

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

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: The Thrasher Group, Inc.

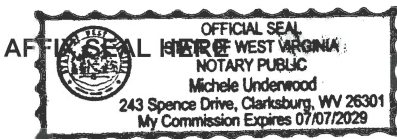
Authorized Signature:  Date: August 22, 2024

State of West Virginia

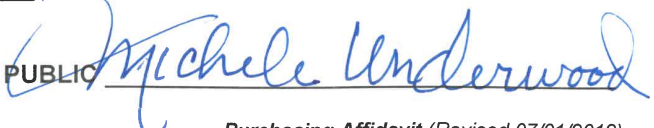
County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 22 day of August, 2024.

My Commission expires JULY 7, 2029



NOTARY PUBLIC



*Purchasing Affidavit (Revised 07/01/2012)*

August 28, 2024

Attn: Mr. David Pauline, Buyer  
Electronic Upload via wvOASIS

*RE: West Virginia Army National Guard — Camp Dawson Building 215 Administrative Wing Renovation*

Dear Mr. Pauline and Members of the Selection Committee:

The West Virginia Army National Guard is a cornerstone in our community, providing support whenever and wherever needed. The WVANG buildings and facilities are a vital component in having your personnel ready to meet these ever-changing missions. Currently, renovations and modernizations to Building 215 at Camp Dawson are necessary and an architecture and engineering partner is needed. The Thrasher Group is the right firm for the job.

With over 40 years of experience across numerous disciplines, our resume allows confidence that we are more than capable of handling a project such as this one and will be able to complete it to the standards that the WVANG is expecting. We are excited for the opportunity to continue our relationship with you and continue to provide quality work that ensures that those who serve within the WVANG will be able to perform to the best of their ability with facilities that support them each step of the way.

The Thrasher team is proud to currently be a partner for the WVANG with the projects at the Williamstown and Wheeling Army Aviation Support Facilities. We are eager to continue to support your mission at facilities across the state.

Thank you for reviewing our qualifications. We look forward to further discussing the Administrative Wing Renovation with you.

Sincerely,  
The Thrasher Group, Inc.



Matt Breakey, AIA, NCARB, LEED AP  
Project Manager and Lead Architect



## 300+

### EMPLOYEES

- 36 Licensed Professional Engineers
- 10 Licensed Professional Surveyors
- 7 Licensed Professional Architects
- 3 Licensed Professional Landscape Architects

### MAIN POINT OF CONTACT:

Matthew Breakey, AIA, NCARB, LEED AP  
Project Manager and Architect  
mbreaky@thethrashergroup.com  
Cell: 304-641-3741  
Office: 304-848-6494 x1275



## 40+

### YEARS

of delivering successful projects



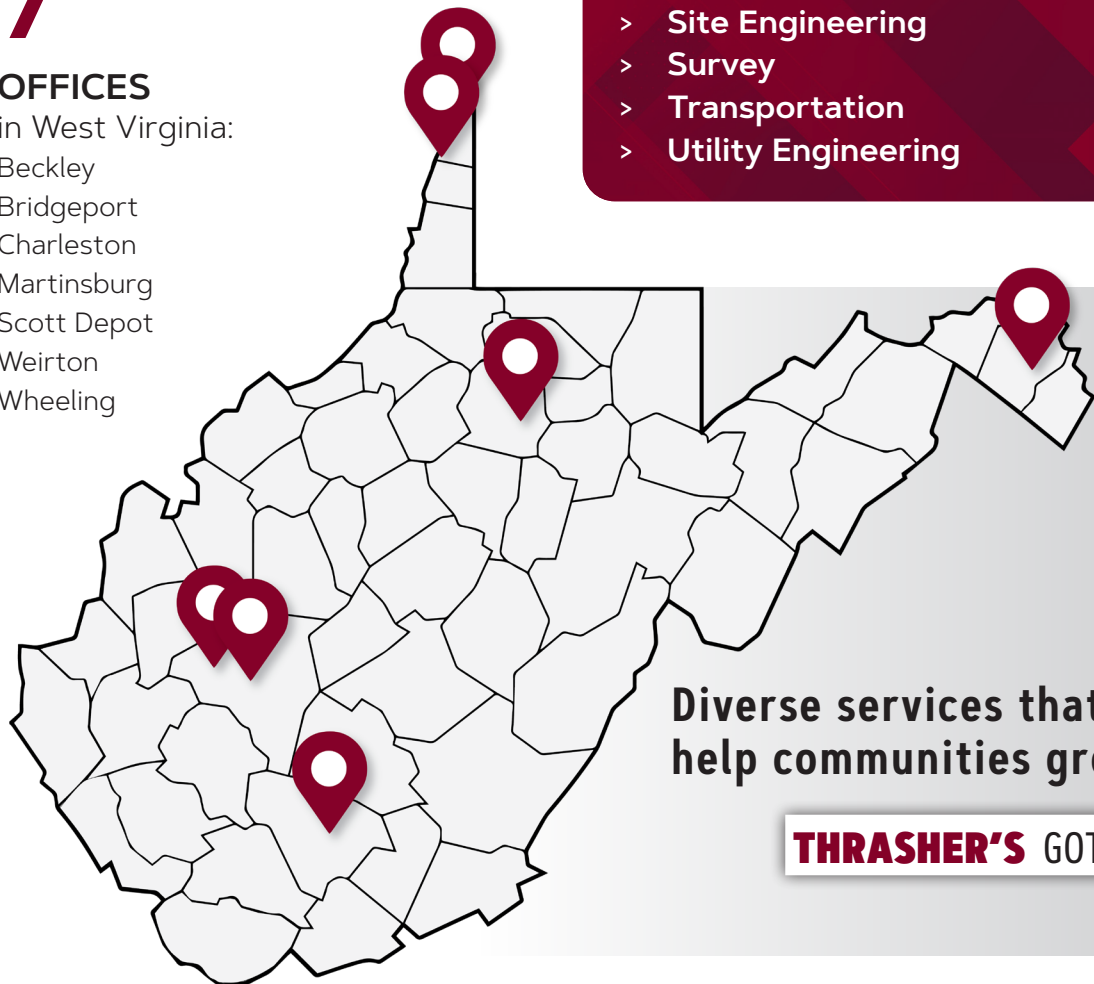
## 7

### OFFICES

in West Virginia:  
Beckley  
Bridgeport  
Charleston  
Martinsburg  
Scott Depot  
Weirton  
Wheeling

### OUR SERVICES

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



Diverse services that  
help communities grow.

**THRASHER'S** GOT IT

Thrasher has successfully completed several projects for the West Virginia Army National Guard. We bring a comprehensive team of engineers, architects, and landscape architects to design facilities that are not only functional but aesthetic and easy to maintain. This team of multi-disciplinary experts has partnered with the Guard on a variety of project types over the years.

Below is a sampling of the projects we have done for the West Virginia Army National Guard.

## Thrasher Projects:

- » Stormwater Pollution Prevention Plan and Spill Prevention, Control, and Countermeasure Plan Development
- » National Pollutant Discharge Elimination System Individual Permit
- » Camp Dawson Stormwater
- » Wheeling Stormwater
- » Vehicle Wash Permits
- » Williamstown Apron Rehabilitation



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

We understand your goals for a renovation and modernization of the Administrative Wing of Building 215 at Camp Dawson and will handle them in the following manner:

## GOAL 2.1

- » We recognize that this project will assist in bringing the building and all systems within to current building codes. With that in mind, Thrasher will provide designs that include all of the key design elements requested by the Guard, and we will focus on aligning these designs with current building codes to help ensure a modern and safe facility. Whether through upgrades that involve HVAC upgrades or replacements or complete restroom renovations, our team is well versed in many items that are involved within a full building renovation. We have all the expertise in-house to handle the designs, including several staff members who are LEED Certified and will be able to ensure that energy efficiency is at the forefront of our designs.

## GOAL 2.2

- » As the architect of record for this work, Thrasher will lead all aspects of the project. Our staff will coordinate with our long-time partners NGE to handle any necessary geotechnical engineering. We will also ensure all appropriate utilities research is completed and infrastructure drawings are provided as needed. Having ongoing experience with projects in the area and past relationships with the City of Kingwood, our staff will be able to seamlessly assist with any coordination of utilities that become necessary.

## GOAL 2.3

- » Thrasher will provide the Guard with a 35% design during the initial phase of this project. In the following phases, we will continue the process and provide additional drawings for review at the 65%, 95%, and 100% stages, with cost estimates revised at each stage.

## GOAL 2.4

- » As a full-service firm, The Thrasher Group has the capabilities to facilitate the bidding process and provide an on-site Project Representative throughout construction. Our team will help ensure the project moves along seamlessly and the Guard is kept apprised of all progress, with timely updates on any challenges that arise.

Communication between all parties throughout any project is one of the primary keys to success. To that end, Thrasher will begin communication with the WVANG immediately upon notification of award and will maintain consistent lines of communication throughout the project. This will ensure that all parties involved — owner, contractor, and architects — will always be aware of the project happenings.

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

## Communication During Design

Prior to design services being initiated, Thrasher's Project Manager, Matt Breakey, will discuss preferred methods of communication with the WVANG's designated point of contact. Updates during the design phase can be proctored 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 throughout the process.

## Communication During Construction

Before construction on your project begins, Matt will again meet with the WVANG team to determine preferred communication tools for this phase of the project. In order to keep the project on-time and within budget, open, constant communication will be paramount, and our team will treat it as such.

Additionally, Thrasher will conduct monthly progress meetings with the contractor, the WVANG, 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 WVANG in order to ensure that updates reach every interested party. Action items that take place will be documented within the meeting minutes.

Throughout the construction process, Thrasher will have people on-site to administer project representation as well as material testing. Anytime a Thrasher employee is on-site during construction, a field report will be prepared by the employee. On a weekly basis, those field reports will be reviewed by the architecture team and distributed to the WVANG's construction representative.

Thrasher will keep your project goals in mind throughout the process of the renovation of the Building 215 Administrative Wing. We will address each in turn, and we will work directly with the West Virginia Army National Guard to ensure that we meet your needs with the project approach outlined below. Thrasher will conduct design review meetings with your team at each phase of the process, making sure that we keep with the overall intention and expectations of the project.

## Our general steps for project management are as follows:

### Step 1: Site Visit

Your assembled team of architects and technicians will conduct a site visit, where they will evaluate the project conditions, as well as identify and document potential problem areas. We will coordinate with your team and any key stakeholders to take the facts into consideration during this process.

### Step 2: Conceptual Design and Report

Thrasher will prepare a conceptual design for the services that are needed at Building 305 at Camp Dawson. Where it may be applicable, we will provide design alternatives for your consideration. A written report will also be provided that will outline the conceptual designs and any issues that exist.

### Step 3: Construction Documents

Our team will provide all design solutions and construction documents to the appropriate party for this project. These plans will be carried to final design based on the conceptual design report. Thrasher recognizes that you are requesting drawings and specifications at 35%, 65%, 95%, and 100% and will provide drawings and cost estimates at those intervals. We will complete the final design documents based upon comments received and conclusions that we have come to throughout the design review process. Our field evaluations and approach to design will specifically address those issues throughout our provided construction documents.

### Step 4: Bid Process

We will assist the Guard and any necessary stakeholders in preparation of the bid documents, will attend pre-bid meetings, and assist in issuance of any addenda.

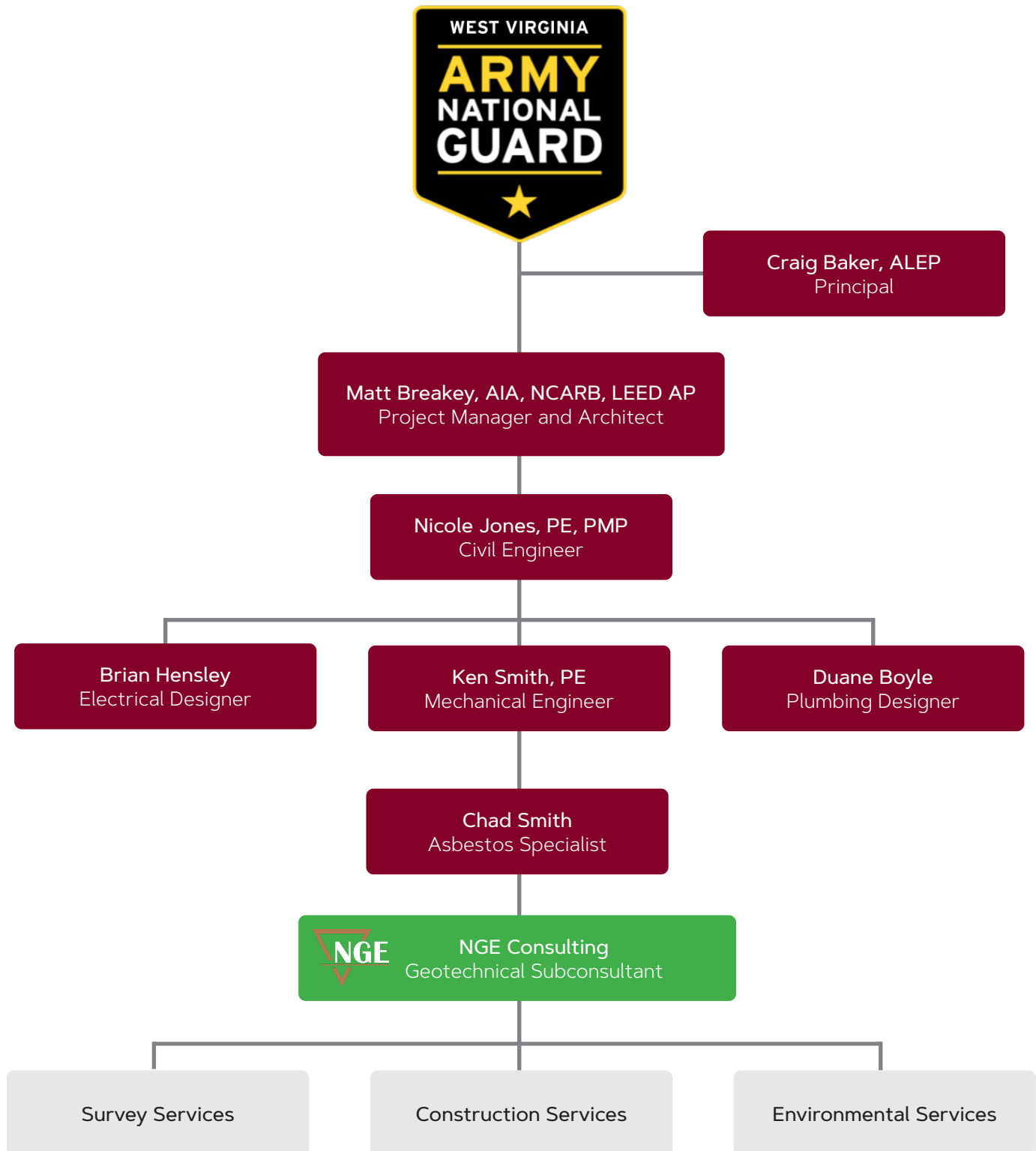
### Step 5: Construction Administration

Your provided project team will review any project submittals, attend project meetings, and provide inspection of the construction throughout the process. The project team will also provide a final punch list inspection at project completion.

Additionally, Thrasher will develop a process to keep your team on top of any potential construction issues. We plan to address any issues that may come up throughout the process through clear and concise construction notes, details, and specifications to ensure the safety of the workers and environment.

### Step 6: Project Close Out

Upon completion of the project, the Thrasher team will provide final as-built drawings in both CAD and PDF format to any appropriate personnel as needed and requested.





# CRAIG BAKER, ALEP

PRINCIPAL

## Education

Bachelor of Science,  
Architectural Engineering  
Fairmont State University

Advanced Certificate,  
Educational Facilities Planning  
San Diego State University

## Certifications

- > Accredited Learning  
Environment Planner (ALEP)

## Affiliations

- > American Institute of  
Architects - Associate, West  
Virginia and National Chapters
- > Council of Educational Facilities  
Planner
- > West Virginia Energy Services  
Coalition
- > The Education Alliance  
Business and Community for  
Public Schools - Board of  
Directors

## PROFESSIONAL OVERVIEW

Craig Baker, ALEP, is an experienced designer and manager with an extensive background working with clients to design, plan, and manage projects both large and small. As an Accredited Learning Environment Planner (ALEP), he has a special interest in the functionality and design of educational facilities.

Craig has worked on a wide variety of projects during his tenure at Thrasher. His knowledge includes a thorough understanding of industrial facilities, administrative office spaces, academic building design, government buildings, residences, medical facilities, and hospitality.

As manager of Thrasher's Architecture Market, Craig works hand-in-hand with staff and clients to ensure projects remain on time and within budget. In addition to his strong technical skills, Craig's attention to client communication and responsiveness make him an excellent manager. He manages coordination of construction, detailed construction document preparation, bidding, construction management, and contract administration.

## EXPERIENCE

### Boy Scouts of America Rex Tillerson Leadership Center

Principal | Fayette County, WV

### Upshur County Development Authority Innovation Center

Principal | Upshur County, WV

### Greater Bridgeport Convention & Visitors Bureau

Principal | Harrison County, WV

### Marion County Health Department Renovations and Addition

Principal | Marion County, WV

### Welch Elementary School Renovations

Principal | McDowell County, WV

### Wetzel County Commission Shiben Building Judicial Annex Renovation

Principal | Wetzel County, WV

### City of Beckley Police Department New Facility

Principal | Raleigh County, WV

### Harrison County EMS Facility Renovations

Principal | Harrison County, WV

### Progress Centre at White Oaks Business Park

Principal | Harrison County, WV



# MATT BREAKEY, AIA, NCARB, LEED AP

PROJECT MANAGER AND ARCHITECT

## Education

Bachelor of Science,  
Architecture  
Pennsylvania State University

## Registrations

Professional Architect:

- > West Virginia
- > Maryland
- > Pennsylvania
- > Michigan
- > Indiana
- > Kentucky
- > Ohio
- > Virginia

## Certifications

- > LEED Accredited Professional,  
US Green Building Council
- > National Council of  
Architectural Registration  
Boards (NCARB)

## Affiliations

- > American Institute of  
Architects (National) Strategic  
Council
- > Past President of WV Chapter  
of American Institute of  
Architects

## PROFESSIONAL OVERVIEW

Matt Breakey, AIA, NCARB, LEED AP, has over 25 years of experience providing architectural design and management services. He has worked with a wide range of clients, including those in the education section (K-12 and higher education), state, federal, correctional, commercial, and multi-unit residential and healthcare providers.

Matt spent part of his career providing oversight for major capital construction projects for two auxiliary entities at a higher education institute. This experience gave him a refined eye for the design aspect as well as project construction and feasibility. As a LEED Accredited Professional, Matt works with clients to find cost saving and sustainable features that will enhance their projects. His educational background combined with his well-executed projects make Matt a highly sought-after architect.

## EXPERIENCE

**Boy Scouts of America Rex W. Tillerson Leadership Center**  
Project Manager | Fayette County, WV

**Jefferson County Convention and Visitor's Bureau  
Addition and Renovations**  
Project Manager | Jefferson County, WV

**Wetzel County Commission Shiben Building Judicial Annex Renovation**  
Project Manager | Wetzel County, WV

**Doddridge County Commission New Administrative Annex**  
Project Manager | Doddridge County, WV

**Doddridge County Community and Technical Center**  
Project Architect | Doddridge County, WV

**City of Beckley New Police Station Facility**  
Project Manager | Raleigh County, WV

**Warm Springs Public Service District Office Renovations**  
Project Manager | Morgan County, WV

**Town of Romney Public Works Building**  
Project Architect | Hampshire County, WV

**Dominion Resources New Headquarter Facility**  
Lead Architect | Harrison County, WV

**Greenbrier County Schools Alderson Elementary School Renovations**  
Project Manager | Greenbrier County, WV



# NICOLE JONES, PE, PMP

CIVIL ENGINEER

## Education

Bachelor of Science,  
Civil Engineering  
West Virginia University

## Registrations

Professional Engineer:

- > West Virginia
- > Project Management  
Professional (PMP)

## Affiliations

- > WAI/Harvard University  
Emerging Leaders Program
- > WAI Mountain State Chapter  
Secretary
- > Women in Aviation International  
(WAI) Member
- > Leadership Monongalia County

## PROFESSIONAL OVERVIEW

Nicole Jones, PE, PMP, is an integral member of Thrasher's Land Development and Transportation Markets. 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

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

**Portage County Regional Airport General Services**  
Project Manager | Portage County, OH

**North Central West Virginia Airport Ramp Rehabilitation**  
Project Manager | Harrison County, WV

**City of Bridgeport Convention and Visitor's Bureau Site Development**  
Project Engineer | Harrison County, WV

**Doddridge County Park Bridge HecRas Analysis**  
Project Engineer | Doddridge County, WV

**Raleigh County Memorial Airport Terminal Addition**  
Project Manager | Raleigh County, WV

**Reynolds Memorial Hospital Surgical Unit Addition**  
Project Manager | Greenbrier County, WV

**City of Pleasant Valley Sidewalk Improvements**  
Project Engineer | Marion County, WV

**Raleigh County Memorial Airport Bunker Gear**  
Project Manager | Raleigh County, WV

**Raleigh County Memorial Airport Via Air Maintenance Facility**  
Project Manager | Raleigh County, WV



# KEN SMITH, PE

MECHANICAL ENGINEER

## Education

Bachelor of Science,  
Mechanical Engineering  
West Virginia University

## Registrations

Professional Engineer:

- > West Virginia
- > Virginia
- > Ohio
- > Kentucky
- > Maryland
- > Tennessee

## 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

### Doddridge County Maintenance Building

Mechanical Engineer | Doddridge County, WV

### Hardy County Public Service District Office Building

Project Engineer and HVAC System Design | Hardy County, WV

### Dominion Energy Mount Storm New Facility

Mechanical Engineer | Grant County, WV

### WVU Tech Biology Lab Conversion

Mechanical Engineer | Raleigh County, WV

### Advanced Technological Center Welding Lab Ventilation System

Project Manager and Designer | Marion County, WV

### Doddridge County Schools Early Childhood Academy

Mechanical Engineer | Doddridge County, WV

### McDowell County Schools Rooftop Units and HVAC Control Upgrades

Mechanical Engineer | McDowell County, WV

### Eastern West Virginia Regional Airport Authority Hangar Renovation

Mechanical Engineer | Berkeley County, WV

### West Virginia International Yeager Airport HVAC Replacement

Project Engineer | Kanawha County, WV

### Pocahontas Memorial Hospital Rural Health Addition

Project Manager | Pocahontas 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

### City of Charleston Police Station Renovations

Plumbing Designer | Kanawha County, WV

### Dominion Energy Mount Storm New Office Building

Plumbing Designer | Grant County, WV

### WV Office of Miners' Health Safety and Training Kitchen Renovations

Plumbing Designer | Kanawha County, WV

### Camden Family Health Administrative Office Schematic Design

Plumbing Designer | Webster County, WV

### Hardy County Public Service District Office Building Renovations

Plumbing Designer | Hardy County, WV

### North Central West Virginia Airport Logistics Park

Plumbing Designer | Harrison County, WV

### Roane County Family Health Care New Entrance

Plumbing Designer | Roane County, WV

### Calhoun-Gilmer Career and Technical Center Restroom Renovations

Plumbing Designer | Calhoun County, WV

### Boy Scouts of America Steve A. Antoline Conservation Center

Plumbing Designer | Fayette County, WV

### North Central West Virginia Airport Aurora Hangar

Plumbing Designer | Harrison 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, Brian 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 Brian a valued member of the Thrasher team.

## EXPERIENCE

### City of Charleston Police Station Renovations

Electrical Designer | Kanawha County, WV

### Baker Heights Fire Station

Electrical Designer | Berkeley County, WV

### City of Salem Armory HVAC Evaluation

Electrical Designer | Harrison County, WV

### North Central West Virginia Airport Logistics Park

Electrical Designer | Harrison County, WV

### Pocahontas Memorial Hospital Rural Health Addition

Electrical Designer | Pocahontas County, WV

### Dominion Energy Mount Storm Office Building

Electrical Designer | Grant County, WV

### Calhoun-Gilmer Career Center Annex Renovations

Electrical Designer | Calhoun County, WV

### Boy Scouts of America John Tickle Training Center

Electrical Designer | Fayette County, WV

### Access Health/Rite Aid Building Conversion

Electrical Designer | Raleigh County, WV

### Boy Scouts of America Steve A. Antoline Conservation Center

Electrical Designer | Fayette County, WV



# CHAD SMITH

ASBESTOS SPECIALIST

## Registrations

- > WV Licensed Asbestos Inspector
- > WV Licensed Asbestos Management Planner
- > WV Licensed Asbestos Project Designer
- > West Virginia Licensed Asbestos Clearance Air Monitor

## Certifications

- > Lead Based Paint Inspector
- > National Home Inspector Examination
- > Graduate Home Inspector
- > NITON Corporation, NITON XRF Spectrum Analyzer
- > Lead Inspector Certificate
- > Asbestos Project Designer Initial
- > Clandestine Drug Lab Remediation Tech Initial Certificate
- > Certified Microbial Investigator through Indoor Sciences IAQ Training and Consulting
- > Lead Based Paint Inspector Initial Certificate
- > Lead Risk Assessor Initial Certificate

## Trainings

- > WVAHI Awareness Class on Radon
- > WVAHI Awareness Class on Termite Inspection and Crawl Space Encapsulation
- > Fortune Builders Rehabber's Boot Camp

## PROFESSIONAL OVERVIEW

Chad Smith serves as an Environmental Scientist for Thrasher with a primary focus as the Lead Asbestos Specialist. He brings over 30 years of environmental consulting to the Thrasher team. Chad's experience focuses on asbestos, lead-based paint, mold, and methamphetamine, including air monitoring for asbestos and lead abatement projects. He has performed over 5000 asbestos inspections. Beyond his field experience, Chad brings the unique aspect of being a business owner – allowing him the inside-out knowledge of managing a project and the team involved throughout it.

## EXPERIENCE

### Charleston Area Medical Center

Asbestos Inspector | Kanawha County, WV

### Hampshire County Development Authority Hospital Asbestos Abatement

Asbestos Inspector | Hampshire County, WV

### Charleston Area Development Corporation Charleston LIFT Center

Asbestos Inspector | Kanawha County, WV

### Coalfield Development Corporation JUST Transition Center

Asbestos Inspector | Logan County, WV

### City of South Charleston

Asbestos Inspector | Kanawha County, WV

### Camden-Clark Hospital

Asbestos Inspector | Wood County, WV

### West Virginia Land Stewardship Corporation HUD NEPA Assessments and ACM Investigations

Asbestos Inspector | Multiple Counties - WV

### Kanawha County Schools

Asbestos Inspector | Kanawha County, WV

### Kanawha County Commission Brownfields Assessment

Asbestos Inspector | Kanawha County, WV

### City of Sistersville Asbestos Testing

Asbestos Inspector | Tyler County, WV



## BOY SCOUTS OF AMERICA Rex Tillerson Leadership Center at the Summit Bechtel Reserve

### Client Contact:

Mr. Rob Ridgeway, Dept. Manager, Facilities and  
Development Director  
2550 Jack Furst Drive | Glen Jean, WV 25846  
304-646-2312

The Rex W. Tillerson Leadership Center is part of the Summit Bechtel Reserve in Glen Jean, West Virginia. This Center provides six educational classrooms and a Leadership Hall. This space was designed to service as a multi-functional hall that can serve a variety of gathering functions, such as lectures, banquet, and group educational activities.

The Thrasher Group provided architectural design for this project with a particular effort made to use sustainable and healthy materials at every opportunity. Furnishings and materials were chosen to create a healthy, active, and engaging learning environment in the classroom areas and an elegant, upscale space in the lecture hall. The building form features large expanses of glass in the classrooms to provide views of the woods, creating a connection between the interior and exterior environments. Additionally, a rain garden was created to help manage stormwater runoff on the project site.



## **UPSHUR COUNTY DEVELOPMENT AUTHORITY** Innovations Center

### **Client Contact:**

Upshur County Development Authority  
21 E Main Street | Buckhannon, WV 26201  
304-472-1757

Thrasher's Architecture Division partnered with the Upshur County Development Authority and Danhill Construction on this unique, new building in downtown Buckhannon. The first innovation center in the area, this space is intended to be a home for creativity and entrepreneurship and a driver of economic development for the region.

It was important to the UCDA that the Upshur Innovation Center have a central location in town. To meet this need, Thrasher had to design the building in a tight location with very specific space constraints. The three-story building offers different opportunities on each floor: floor one offers retail space, floor two houses the Innovation Center itself as well as the UCDA, and floor three is open to possible tenants for office space. Individuals will be able to rent single office spaces for varying periods of time. A Maker Space with cutting-edge technology will also be available for the community to use.



## **GREATER BRIDGEPORT CONVENTION AND VISITORS BUREAU** New Facility

### **Client Contact:**

Ms. Cassie Busdeker, Executive Director  
100 Marketplace Avenue | Bridgeport, WV 26330  
304-848-7200

Thrasher provided design, bidding, and construction administration for this project. Our teaming partner, Allegheny Design Services, provided structural and MEP engineering services.

The Greater Bridgeport Convention and Visitors Bureau is a two-story multi-tenant building that provides opportunities for the community from providing a home to the local farmers market to providing information about the city of Bridgeport. The building currently occupies the Bridgeport CVB, Connect Bridgeport, Mountain East Conference, and Fairmont State University.



**MARION COUNTY  
HEALTH DEPARTMENT**  
Complete Interior and  
Exterior Renovation

**Client Contact:**

Mr. Lloyd White, Director  
330 2nd Street | Fairmont, WV 26554  
304-366-3360

This project included a complete gut and renovation of the existing Marion County Health Department. Major components included a new fire alarm system, mass notification system, a new sprinkler system, all new interior partitions, new finishes, new windows, new exterior doors, a new elevator, and entrance lobby addition. The facility is an approximately 24,000 SF, three story building. The Health Department now has more exam rooms, a large waiting room, and record storage on the first floor. The second floor consists

of administrative offices while the third floor is being rented out for private tenant office space.

Along with the complete renovation of the existing building and all new HVAC, a complete electrical renovation was done. This electrical service included all new lighting, switches, outlets and other miscellaneous items. A three-story addition was added to the building to house the waiting room, egress stair tower, and elevator. All restrooms in the facility were demolished and remodeled.



## **WETZEL COUNTY COMMISSION** **Shiben Building** **Judicial Annex Renovation**

### **Client Contact:**

Wetzel County Commission  
200 Main Street | New Martinsville, 26155  
304-455-8217

The historic Shibben building in downtown New Martinsville, WV will be renovated to house the Wetzel County Circuit Court and supporting offices. The project consists of using these, once separate buildings, as one main building. While there is much that will be renovated, it was also important to the client that some original details remain intact and act as showcase features, such as the original metal pan ceilings, which will be featured in the courtrooms.

Renovations will also include security, new vertical circulation, and another important feature is the accessibility access we're creating at the main and back entrance to support this work as well as future phases. These phases will include family court and other judicial County offices. Phase one work is currently in the design phase and is expected to be completed in 2021.



## 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.



## Cost control

Thrasher follows four main cost control principles:

**Thorough construction documents** — Starting off with detailed construction documents helps the entire project run more smoothly. By laying an accurate, realistic picture at the beginning of the process, we are able to complete your project more efficiently and with fewer change orders.

**In-depth review process** — The Thrasher team participates in an in-depth review process to ensure there is a thorough understanding of your project. Our construction administration team visits your site in person so we know exactly what is needed for the space.

**Understanding of what things cost** — Thrasher has a knowledgeable construction administration team that understands what it truly costs to make things happen. Rather than relying on general industry standards, our in-house professionals, can tell you what something will cost in actuality if the need arises.

**Respect for your wallet** — We respect your business needs and work to ensure the lowest-cost options we can find. We also keep you updated of budget throughout the process: an initial construction cost will be calculated to reflect your budget, and construction cost estimates will be delivered with the drawings at the end of Schematic Design, Design Development, and Construction Documentation. Adjustments to size and/or quality will be made, as necessary, during each design phase to maintain your budget.



## QA/QC Procedure

Thrasher has an internal Quality Control Policy to ensure our projects move forward efficiently and effectively. The objectives of this manual are to continually improve the quality of the design and technical deliverables Thrasher provides to its internal and external clients.

This manual illustrates the basic requirements for quality control in our projects. It describes the methods for checking and reviewing product elements and client deliverables and includes rigorous comprehensive written check-lists for each stage of the design process, document production, and construction activities.

The purpose of these QC methodologies is to reduce or eliminate the potential for errors, omissions, ambiguities, and inconsistencies.

### The policy outlines three main areas:

#### » General

Defines the purpose, intent and limitations, definitions, and implementation

#### » Project Management Procedures

Presents required procedures specific to this practice that allow for the efficient and accurate management of projects

#### » Check and Final Review Procedures

Presents required procedures specific to this practice that are used to insure technical accuracy of the work product

## Charleston Area Alliance

Mr. Drew Dunlap  
1116 Smith Street  
Charleston, WV 25304  
304-340-4253

## West Virginia International Yeager Airport

Ms. Dominique Ranieri, Airport Director and CEO  
100 Airport Road  
Charleston, WV 25311  
304-344-8033

## Coalfield Development Corporation

Nick Guertin, Senior Director of Real Estate Development  
2923 Park Avenue  
Huntington, WV 25704  
347-262-5690



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