



COMPLEX PROJECTS  
REQUIRE RESOLVE  
**THRASHER'S GOT IT**

RECEIVED  
03/29/21 10:59:36  
WV PURCHASING DIVISION

March 31, 2021

Attn: Mr. David H. Pauline, Buyer  
2019 Washington Street East  
Charleston, WV 25305

*RE: WV Army National Guard CEOI ADJ21\*10 Shower-Restroom Renovation Design*

Dear Mr. Pauline and Selection Committee Members:

The Wheeling Army Aviation Support Facility #2 is in need of engineering and architectural services for shower and restroom renovations. With a variety of updates required, as well as bidding assistance, cost estimating, and construction administration, the West Virginia Army National Guard will need a team of specialized professionals for a successful outcome. The Thrasher Group is the right firm for the job.

Thrasher has been serving clients across the Mid-Atlantic region for nearly 40 years. We have developed a strong portfolio of renovation and building improvement projects in that time, including countless restroom upgrades. We are well versed in the complexities of these projects and have the knowledge to design and execute this work within the dedicated budget and timeline set up by the National Guard.

Additionally, Thrasher provides a full-service team all under one roof. We have a team of both architects and engineers who will work together to provide a cohesive, functional design. In addition to their expertise, Thrasher has specialists in-house for MEP services, construction administration, construction estimating, pipeline inspection, survey, and more. This team will be able to provide the full spectrum of services needed to ensure the Wheeling Army Aviation Support Facility #2 restrooms meet code.

We appreciate the opportunity to share our qualifications with you and look forward to further discussing how The Thrasher Group can help the Army National Guard and improve the restrooms at the Wheeling Army Aviation Support Facility #2.

Sincerely,  
The Thrasher Group, Inc.


Craig Baker, ALEP  
Principal

Joe Sinclair, AIA, NCARB  
Project Manager and Architect

# DESIGNATED CONTACT



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

  
\_\_\_\_\_  
(Name, Title)  
Craig Baker, Principal  
\_\_\_\_\_  
(Printed Name and Title)  
600 White Oaks Blvd. | Bridgeport, WV 26330  
\_\_\_\_\_  
(Address)  
304-624-4108 | 304-624-7831  
\_\_\_\_\_  
(Phone Number) / (Fax Number)  
cbaker@thethrashergroup.com  
\_\_\_\_\_  
(email address)

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

The Thrasher Group, Inc.  
\_\_\_\_\_  
(Company)

  
\_\_\_\_\_  
(Authorized Signature) (Representative Name, Title)

Craig Baker, Principal  
\_\_\_\_\_  
(Printed Name and Title of Authorized Representative)

03/25/2021  
\_\_\_\_\_  
(Date)

304-624-4108 | 304-624-7831  
\_\_\_\_\_  
(Phone Number) (Fax Number)

Revised 02/10/2021

# PURCHASING AFFIDAVIT



## STATE OF WEST VIRGINIA Purchasing Division

### PURCHASING AFFIDAVIT

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** 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: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, 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: [Signature] Date: 03/25/2021

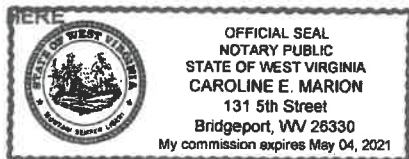
State of West Virginia

County of Harrison to-wit:

Taken, subscribed, and sworn to before me this 25 day of March, 2021.

My Commission expires May 4, 2021.

AFFIX SEAL HERE



NOTARY PUBLIC Caroline E Marion

*Purchasing Affidavit (Revised 01/19/2018)*



# ADDENDUM ACKNOWLEDGMENT



## ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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

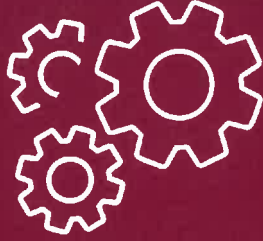
  
Authorized Signature

03/26/2021

Date

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

Revised 01/09/2020



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

### Main Point of Contact:

Joe Sinclair, AIA, NCARB, LEED AP, CDT  
Project Manager and Architect  
JSinclair@thethrashergroup.com  
Cell: 304-518-9304  
Office: 304-343-7601



# 9

**OFFICES**  
in five states:  
West Virginia  
Virginia  
Pennsylvania  
Ohio  
Maryland



# 300+

### EMPLOYEES

- 40** Licensed Professional Engineers
- 11** Licensed Professional Surveyors
- 8** Licensed Professional Architects
- 3** Licensed Professional Landscape Architects



# 37

**YEARS**  
of delivering  
successful  
projects

Diverse services that grow communities.

**THRASHER'S GOT IT.**

# APPROACH TO YOUR GOALS



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 outcomes you receive.

**We understand your goals for the shower and restroom renovations needed at the Wheeling Army Aviation Support Facility #2 and will handle them in the following manner:**

## **Goal 4.1 | 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. Our team of in-house experts will handle all outlined key design elements, including mildew and mold abatement, complete shower/restroom renovations, and new interior LED lighting.

## **Goal 4.2 | Codes and Standards**

As a well established West Virginia architecture firm, Thrasher has a deep understanding of the local building codes and all applicable state regulations, as well as federal ADA compliance. Additionally, our team is familiar with the current military force protection regulations and will be abiding by these rules in design work at the Yeager Airport in Charleston.

## **Goal 4.3 | Utility Location**

With one of the largest survey crews in the Mid-Atlantic region, we have the ability to research and investigate the location of both underground and above ground 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 provide drawings and specifications of them as needed.

## **Goal 4.3 and 4.4 | 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 full-time cost estimator, Jim Decker, will work closely with the Army National Guard to ensure estimates are accurate and the project proceeds within budget. The Thrasher team 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 4.5 | 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 these firms 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.

Additionally, our construction services team always plays a major role in the Thrasher full-services package. We have a Construction Administrator on staff - Bill Ratcliffe - who will help oversee the work being done at the Wheeling Army Aviation Support Facility #2. Bill and the team have the competence you need to ensure your project is constructed correctly and functions as designed.



# APPROACH TO YOUR GOALS

Thrasher will keep your project goals in mind throughout the process. We will address each in turn, working directly with the West Virginia Army National Guard to 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 we are keeping with the overall intention of the project.

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

### **Step 1 - Site Visit**

Your assembled team of engineers and technicians will conduct a site visit. This group will evaluate the project conditions and identify and document potential problem areas. We will coordinate with your team and any identified key stakeholders to take all the facts into consideration during this process.

### **Step 2 - Conceptual Design and Report**

Thrasher will prepare a conceptual design for the needed services at the Wheeling Army Aviation Support Facility #2. Where applicable, we will also provide design alternatives for consideration. We will then prepare a written report of the conceptual designs and outline any issues.

### **Step 3 - Construction Documents**

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

### **Step 4 - Bid Process**

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

### **Step 5 - Construction Administration**

The project team will review project submittals, attend project meetings, and provide inspection of the construction being completed. The project team will also provide final punch list inspection at project completion.

Thrasher will also develop a program to keep your team abreast of potential construction issues. We will prepare design repairs with the adjacent property owners in mind. We plan to address any issues that may arise 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.

# QUALITY CONTROL

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







## 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 Construction Estimator, Jim Decker, can tell you what something will cost in actuality. Jim, who has a contracting license, knows how to navigate both sides of a bid process and can deliver an accurate look at your project costs up front.

**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.



## 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.

And 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.

## PROJECT EXPERIENCE

### UNITED STATES MARINE CORPS

#### Camp Upshur Base Renovations

**Client Contact:**

Mr. Chris Bailey, Clement Group  
913 South Perry Street | Montgomery, AL 36104  
334-265-0200

Thrasher has performed a variety of renovations around the Camp Upshur Marine Corps Base in Virginia. Some of that work includes:

#### **Bath House**

Renovations to the on-site bath house and restroom facility included exterior painting, roofing, and windows. Interior upgrades were all new flooring, restroom and shower layouts, new fixtures, ceilings, lighting, and updated HVAC equipment as needed.

#### **Quonset Style Barracks**

33 Quonset style barracks were renovated and are used for office space, housing and training rooms. The renovations to these facilities included exterior window replacement, new EPDM roofing, and new paint. For the interiors, all new walls were constructed, paint, new flooring, and updates to electrical and HVAC.

#### **Warehouse Facility**

Renovations to the warehouse facility, which was used for all on-site maintenance, included exterior façade upgrades such as new metal panels and entrance canopies, along with new windows. The interior renovations added new fire rated demising wall, sprinkler system, updated storage shelving, new lay in ceiling and lighting.



#### **Indoor Simulated Marksmanship Trainer Building**

The Indoor Simulated Marksmanship Trainer Building (PMTRASYS ISMT) renovations included the design of a structural shooting platform to meet the Marine Corps standards for fire arm training as well all air systems, lighting, CO2 systems, projectors, screens and storage areas for all associated equipment. New flooring and lay in ceilings were installed to provide noise control.

#### **Additional Projects**

Along with all of the building renovations there were complete building demolitions of five on-site buildings that were outdated and no longer used by the Marine Corps. As well paving for all existing streets and two existing parking lots and design and construction of four new parking lots to be used as staging, parking and training areas.



## CALHOUN-GILMER CAREER CENTER Interior Renovations

### Client Contact:

Mr. Bryan Sterns, Director  
5260 West Virginia 5 | Grantsville, WV 26147  
304-354-6151

Thrasher worked with the Calhoun-Gilmer Career Center for several years to complete a multi-phase project that upgraded several facets of the Center. This project came to fruition out of sheer necessity for a safe, modern facility for the students of both Calhoun and Gilmer counties to learn vocational trades.

**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. This included the addition

of several new fixtures to meet increased enrollment, as well as modernization with updated wall coverings, ceilings, partitions, flooring, etc. and bringing the restrooms up to current ADA standards.

**Phase II** was multi-faceted. During this portion of the project, Thrasher completed roof repairs, parapet coping, flooring upgrades, and painted doors and frames. The work completed inside the building brightened up the space and gave it a more welcoming and modern feel.

**Phase III** dealt with external features and security. This section saw creation of a Safe School Entry, door hardware upgrades and access controls, installation of a security camera system and vehicular security gates, and bus parking.

## PROJECT EXPERIENCE



### PLEASANTS COUNTY SCHOOLS Belmont Elementary School Renovations

#### Client Contact:

Mr. Michael Wells, Superintendent  
1565 S. Pleasants Highway | St. Marys, WV 26170  
304-684-7099

This project consisted of the development of design documents for extensive renovations to Belmont Elementary School in Pleasants County, WV. The renovations included restrooms, the installation of a fire sprinkler system, electrical upgrades, technology upgrades, paving, exterior lighting, and upgrades and replacement of HVAC system.

The restroom renovations included the complete demolition and reconstruction of all restrooms in the facility. This included the addition of several new fixtures to meet increased enrollment, as well as modernization with updated wall coverings, ceilings, partitions, flooring, etc. and bringing the restrooms up to current ADA standards.

The work cost roughly \$2.5 million dollars and was funded by a Pleasants County School Bond and bid in the summer of 2012.





### MARION COUNTY HEALTH DEPT. Interior and Exterior Renovations

#### 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.





### PLEASANTS COUNTY SCHOOLS Pleasants County Middle School Restroom Renovations

**Client Contact:**

Mr. Michael Wells, Superintendent  
1565 S. Pleasants Highway | St. Marys, WV 26170  
304-684-7099

Thrasher has provided a multitude of services at Pleasants County Middle School over the last several years through the span of a three-phased project. Phase One and Phase Two both featured restroom renovations. The first portion of the project saw the complete renovation of four student restrooms, with interior demolition and renovation in each. The second phase of work included gutting and renovating the restroom, shower area, and locker rooms off of the school's pool. This included all new fixtures, new flooring, new ceiling, and new lighting.

## PROJECT EXPERIENCE



### BARBOUR COUNTY SCHOOLS Career and Technical Center Renovations

**Client Contact:**

Mr. Jeffrey Woofter, Superintendent  
45 School Street | Philippi, WV 26416  
304-457-3030

This included the addition of several new fixtures to meet increased enrollment, as well as modernization with updated wall coverings, ceilings, partitions, flooring, etc. and bringing the restrooms up to current ADA standards.

The project consisted of a major renovation to the County's Career and Technical Center and the High School. Components of work included the evaluation of both the CTC's fire alarm system, as well as the high school's system. Both systems were upgraded and tied together into one network. Other upgrades included a new sprinkler system, replacement of all ceilings, new lighting throughout the campus, and the replacement of all windows and doors. Restroom renovations for this project included the complete demolition and reconstruction of all restrooms in the facility.

## PROJECT EXPERIENCE

### SLACK PLAZA

#### Public Restroom Conversion

**Client Contact:**

Mr. Jonathan Storage, City Manager  
501 Virginia Street, East | Charleston, WV 25301  
304-348-8000

The Thrasher Group was asked by the City of Charleston to convert a portion of an existing Police Station into public restrooms for the newly redesigned Slack Plaza. A men's and women's restroom with their own exterior entrance doors were carved out of the existing building. The restroom designs feature new automatic flush valves, automatic faucet and soap dispensers, and hand dryers. A baby changing station is planned for each restroom. New, tamper-resistant lighting will provide a well-lit space for the public while the new toilet stalls will provide enhanced privacy and durability. A new metal awning is planned to cover both restroom doors to the exterior with additional wall pack lighting over each door.





## PROJECT EXPERIENCE



### YEAGER AIRPORT Restroom Renovations

#### Client Contact:

Mr. Nick Keller, Airport Director  
100 Airport Rd., Suite 175 | Charleston, WV 25311  
304-344-8033

The Thrasher Group was asked by Yeager Airport to redesign and renovate all existing public restrooms throughout the terminal. This includes a total of four men's and women's restrooms located in the Ticket Lobby and throughout Gates A, B, and C, with an additional family restroom added to Gate B. The scope for each restroom includes new tile finishes, fixtures, accessories, ceilings, and lighting.



# KEY PERSONNEL



## WV ARMY NATIONAL GUARD

Craig Baker, ALEP  
Principal

Joe Sinclair, AIA, NCARB,  
LEED AP, CDT  
Project Manager and Architect

Jim Decker, MBA  
Construction Estimator

Jeray Allen  
Project Designer

Bill Ratcliffe, REFP  
Construction Administrator

Brian Hensley  
Electrical Designer

Ken Smith, PE  
Mechanical Engineer

Duane Boyle  
Plumbing Designer

Butch Brown  
Pipeline Inspection  
Supervisor

Survey Services

Construction Services

Environmental Services



# 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
- > Accredited Learning Environment Planner (ALEP)
- > Council of Educational Facilities Planner
- > West Virginia Energy Services Coalition
- > The Education Alliance Business and Community for Public Schools - Board of Directors

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 Building's and Facilities 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

### Calhoun-Gilmer County Career Center Renovations

Role: Principal  
> Calhoun County, WV

### Pleasants County Middle School Restroom Improvements

Role: Principal  
> Pleasants County, WV

### Marion County Health Department Renovations and Addition

Role: Principal  
> Marion County, WV

### Barbour County Career Center Renovations

Role: Principal  
> Barbour County, WV

### Belmont Elementary School Renovations

Role: Principal  
> Pleasants County, WV

### Camp Upshur Marine Corps Base Upgrades

Role: Principal  
> Prince William County, VA

### Marshall County Commission Veterans Plaza

Role: Principal  
> Marshall County, WV

### West Virginia University Natatorium Locker Room Renovations

Role: Principal  
> Monongalia County, WV

# JOE SINCLAIR, AIA, NCARB, LEED AP, CDT

Project Manager and Architect



Ryan Joe Sinclair, AIA, NCARB, LEED AP, CDT brings 15 years of architectural experience in all phases of design ranging from commercial renovations, additions, and new construction to historic preservation and multi- and single-family residential projects. Joe's resume is built with architectural experience from Savannah, GA; Atlanta, GA; Charleston, WV; and North Central West Virginia. Joe joined the Thrasher team in 2017.

Joe is an Iraq War Veteran and former member of the West Virginia Army National Guard where he served as a Combat Engineer and Squad Leader. In addition to working full-time as an Architect at Thrasher, Joe serves as an Adjunct Professor in the Construction Management program at BridgeValley Community and Technical College in South Charleston, WV. Joe's expertise lies in project design, management, production, and delivery.

## Education

Master of Architecture,  
Savannah College of Art &  
Design

Bachelor of Science,  
Architectural Engineering  
Fairmont State University

## Registrations

Professional Architect:

- > West Virginia
- > Virginia

## Affiliations

- > NCARB Certificate (#69740)
- > LEED Accredited  
Professional, Building Design  
& Construction - GBCI#:  
10052110
- > Construction Documents  
Technologist (CDT) -  
Construction Specifications  
Institute (CSI)
- > Member American Institute  
of Architects - West Virginia  
Chapter
- > Member - United States  
Green Building Council  
(USGBC) - West Virginia  
Chapter
- > AIA West Virginia's AIA  
Safety Assessment Program  
Training

## Experience

### Yeager Airport

#### Restroom Renovations

Role: Project Manager  
> Kanawha County, WV

### Picatinny Arsenal

#### Military Housing

Role: Project Architect  
> Morris County, NJ

### Martinsburg Airport Pilot's Lounge Renovation

Role: Project Manager and  
Project Architect  
> Berkeley County, WV

### Reception Station Barracks

Role: Project Architect  
> Muscogee County, GA

### Chapmanville Towers Senior Housing Renovation

Role: Project Manager and  
Project Architect  
> Logan County, WV

### Carlisle Barracks

#### Military Housing and Community Center

Role: Project Architect  
> Cumberland County, PA

### Design of the Beech Fork Lodge and Conference Center

Role: Project Architect  
> Wayne County, WV

### Navy Southeast

#### Military Housing and Community Centers

Role: Project Architect  
> Southeastern US

### West Virginia Turnpike Rest Area, Exit 69

Role: Project Architect  
> Mercer County, WV

### Parkland Place Senior Housing Renovation

Role: Project Architect and  
Project Manager  
> Wood County, WV

**JOE SINCLAIR, AIA, NCARB, LEED AP, CDT**

Project Manager and Architect



**of West Virginia**

No. **4244**

*This Certifies that Ryan Joseph Sinclair of Atlanta  
in the State of Georgia, having successfully passed an examination  
before the Board of Architects of the State of West Virginia, and being  
otherwise qualified, is hereby authorized to practice Architecture in all its  
branches in the State of West Virginia.*



*Witness the signatures of the President and Secretary of the Board of  
Architects of West Virginia and the seal of said Board, this 14th  
day of May 20 10*

*[Signature]* President

# JERAY ALLEN

Project Designer



## Education

Bachelor of Science  
Architecture  
Fairmont State University

Pre-Civil Engineering Curriculum  
West Virginia State University

## Affiliations

- > American Institute of Architects: AIA WV Member
- > Habitat for Humanity

Jeray Allen is an Architectural Designer and Technician in Thrasher's Buildings and Facilities Market. His primary role is to provide drafting and design support to our in-house architects. Jeray excels in this capacity, bringing a keen eye for details to the drafting process. He works with a variety of project types, including multi-family housing, educational facilities, historic reuse, and other public and private entities. He is a LEED Green Associate and uses this knowledge of environmental standards and to contribute sustainable design concepts for his clients. Jeray also has capabilities with a variety of design software, including Revit, Lumion, AutoCAD, Google Sketchup, and Illustrator.

## Experience

### Boy Scouts of America Bunkhouse and Dining Hall

Role: Project Designer  
> County, State

### West Village Senior Housing

Role: Project Designer  
> Cabell County, WV

### YWCA Senior Housing

Role: Project Designer  
> Kanawha County, WV

### The School at Middlesex Cook's Corner Renovation

Role: Project Designer  
> Middlesex County, VA

### Town of Stephens City School House Adaptive Re-Use Renovation

Role: Project Designer  
> Frederick County, VA

### Yeager Airport Restaurant Entrance Renovation

Role: Project Designer  
> Kanawha County, WV

### Chapmanville Towers Senior Housing Renovation

Role: Project Designer  
> Logan County, WV

### Carl D Perkins Apartments Renovation

Role: Project Designer  
> Pike County, KY

### Cohen Building Historic Reuse

Role: Project Designer  
> Taylor County, WV

### The Landing at Meadow View Apartment Building Concept

Role: Project Designer  
> Harrison County, WV

### Parkland Place Senior Housing Renovation

Role: Project Designer  
Wood County, WV

### Mount Hope 814 Main Street Adaptive Re-Use Renovation

Role: Project Designer  
> Fayette County, WV

# JIM DECKER, MBA

Construction Estimator



## Education

Master of Business Administration,  
Project Management Emphasis  
Fairmont State University

Bachelor of Science,  
Civil Engineering  
Fairmont State University

Associates Degree,  
Mechanical Engineering  
Fairmont State University

## Registrations

General Contractor:  
> West Virginia

## Affiliations

> Leadership Marion County  
> Leadership Fairmont State University

Jim Decker, MBA brings nearly 30 years of experience in construction estimating and management for the private and public sectors. He provides services with inspections, site monitoring, cost control, schedules, contract administration, payment processing, shop and coordination drawings, change orders and project reports.

His role as a construction estimator allows for clients to be able to recognize a true price when it comes to their projects. Jim is also a Licensed General Contractor in the State of West Virginia. As a General Contractor he is able to oversee the day-to-day functions of the construction site.

Previously, Jim was the facilities director at a local educational institution for 10 years. Jim relates well with his clients because he approaches the situation from both a consultant and client perspective.

## Experience

**Marion County Health Department Renovations**  
Role: Construction Estimator and Administrator  
> Marion County, WV

**Calhoun-Gilmer County Career Center Renovations**  
Role: Construction Estimator  
> Calhoun County, WV

**Ritchie County Middle/High School Renovations**  
Role: Construction Estimator  
> Ritchie County, WV

**South Harrison High School Field House**  
Role: Construction Estimator  
> Harrison County, WV

**MVA Shinnston Clinic Renovations**  
Role: Construction Estimator  
> Harrison County, WV

**WVU ROTC Relocation**  
Role: Construction Estimator  
> Monongalia County, WV

**Boy Scouts of America Bunkhouse and Dining Hall**  
Role: Construction Estimator  
> Fayette County, WV

**City of Bridgeport Fire Department Renovations and Additions**  
Role: Construction Estimator  
> Harrison County, WV

**Wetzel County Commission Shiben Building Judicial Annex Renovations**  
Role: Construction Estimator  
> Wetzel County, WV

**Upshur County Development Authority Innovation Center**  
Role: Construction Estimator  
> Upshur County, WV



# BILL RATCLIFFE, REFP

Construction Administrator



Bill Ratcliffe, REFP has over two decades of experience involved in the completion of successful construction projects. He has spent the last 15 years of his career working as a construction contract administrator on public and private projects, ensuring the successful completion of projects. Bill also spent 14 years of his career working for the West Virginia School Building Authority (SBA) where he worked with architects during the planning, design, & construction phases on hundreds of projects.

## Education

Regents Degree,  
West Virginia State University

## Affiliations

- > Recognized Educational Facility Planner (REFP)

Bill's strong relationships with countless regulatory and building entities combined with his hands-on experience make him an excellent project manager and an invaluable member of the Thrasher team.

## Experience

### Calhoun-Gilmer County Career Center Renovations

Role: Construction Administrator  
> Calhoun County, WV

### Pleasants County Middle School Restroom Improvements

Role: Construction Administrator  
> Pleasants County, WV

### WVU Robert C. Byrd Testing Center Renovations, Charleston Area Medical Center

Role: Construction Administrator  
> Kanawha County, WV

### Fairmont State University Jaynes Hall Renovations

Role: Construction Administrator  
> Marion County, WV

### Jefferson County Convention and Visitors Bureau Addition and Renovations

Role: Construction Administrator  
> Jefferson County, WV

### Berkeley Springs High School Additions and Renovations

Role: Construction Administration  
> Morgan County, WV

### Widmyer Elementary School Renovations

Role: Construction Administrator  
> Morgan County, WV

### Doddridge County Commission Courthouse Renovations

Role: Construction Administrator  
> Doddridge County, WV

# KEN SMITH, PE

Mechanical Engineer



## Education

Bachelor of Science,  
Mechanical Engineering  
West Virginia University

## Registrations

Professional Engineer:  
> West Virginia  
> Ohio  
> Virginia  
> Kentucky

## Affiliations

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

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 has 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

**Benedum Airport Authority  
New Aircraft Hangars HVAC**  
Role: Mechanical Engineer  
> Harrison County, WV

**Berkeley County Development  
Authority  
HVAC Upgrades**  
Role: Project Manager and  
Mechanical Engineer  
> Berkeley County, WV

**Yeager Airport  
HVAC Replacement**  
Role: Project Engineer  
> Kanawha County, WV

**City of Ripley Wastewater  
Treatment Plant HVAC Design**  
Role: Mechanical Engineer  
> Jackson County, WV

**Access Health/Rite Aide  
Conversion and HVAC Upgrade**  
Role: Project Manager  
> Raleigh County, WV

**Hardy County Public Service  
District Office Building HVAC**  
Role: Mechanical Engineer  
> Hardy County, WV

**Glenville State College  
HVAC Repair Design**  
Role: Mechanical Engineer  
> Gilmer County, WV

**Town of Kermit Water  
Treatment Plant  
Rehabilitation HVAC Designer**  
Role: Project Engineer  
> Mingo County, WV

**Paden City Municipal Water  
Works Emergency Water  
Treatment Plant HVAC  
Upgrades**  
Role: Mechanical Engineer  
> Tyler/Wetzel Counties, WV

## Licensure Verification

### Search: Details

**Name:**

KENNETH E. SMITH

**WV  
Professional  
Engineer:**

**PE License Number:** 011672

**PE License Status:** Active

**PE Issue Date:** 07/16/1992

**PE Expiration Date:** 12/31/2022

**Continuing  
Education  
Claim:**

**Qualifying Hours from Last Renewal or Reinstatement:** 52.50

**Carryover Hours for Next Renewal:** 15.00

**Last Renewal or Reinstatement Date\*:** 12/17/2020

**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.  
300 ASSOCIATION DRIVE  
CHARLESTON, WV 25311

\* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.

# BRIAN HENSLEY

Electrical Engineer



## Education

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

## Certifications and Trainings

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

Brian Hensley is an Electrical Engineer 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

### Chapmanville Towers Senior Housing Renovation

Role: Electrical Engineer  
> Logan County, WV

### Carl D Perkins Apartments Renovations

Role: Electrical Engineer  
> Pike County, KY

### Parkland Place Senior Housing Renovation

Role: Electrical Engineer  
> Wood County, WV

### Hatfield-McCoy Regional Recreation Authority Ashland Resort

Role: Electrical Engineer  
> McDowell County, WV

### Dominion Energy Mount Storm Office Building

Role: Electrical Engineer  
> Grant County, WV

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

Role: Electrical Engineer  
> Fayette County, WV

### Boy Scouts of America John Tickle Training Center

Role: Electrical Engineer  
> Fayette County, WV

### Village of Mingo Junction Sanitary Sewer Upgrades

Role: Electrical Engineer  
> Jefferson County, OH

# DUANE BOYLE

Plumbing Designer



## Education

Associate Degree,  
Mechanical Design  
Ashland Regional Technology  
Center

## Certifications

> Mechanical Drafting,  
AutoCAD R13&14

## Affiliations

> Associated Builders and  
Contractors, Inc.

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

### Genesis Engineering

Role: Senior Plumbing  
Designer

> Williamson County, TN

### Jordan & Skala

Role: Senior Plumbing  
Designer II

> Gwinnett County, GA

### Power Management

Role: Senior Mechanical  
Designer

> Davidson County, TN

### Olert Engineering

Role: Senior Mechanical  
Designer

> Davidson County, TN

### Staggs and Fisher

#### Consulting Engineers

Role: Mechanical Designer,  
Plumbing and HVAC

> Fayette County, WV



# BUTCH BROWN

Pipeline Inspection Supervisor



## Certifications and Trainings

- > Microsoft Networking
- > AutoDesk Civil Design
- > OSHA Permit-Required Confined Space Entry
- > WVDOH – Inspection and Testing

Butch Brown started his career with Thrasher as a computer aided drafting (CAD) designer in 1987. Within his design responsibility, Butch has worked closely with the Utility, Site, and Survey Divisions.

Using his knowledge in utility line replacements and extensions, Butch played an integral role in the development of the firm's Pipeline Inspection department, developing procedures and training for field personnel.

Butch currently serves as the Pipeline Inspection Supervisor; he is primarily responsible for scheduling and supervising inflow and infiltration investigations and GIS field crews. Butch is responsible for collection of field data and mapping for Long Term Control Plans. He also works with CADD designers and provides mentoring to young professionals work related to those projects. Butch enjoys working with Thrasher's summer interns and teaching them leading techniques used in the field.

## Experience

### **Canyon Public Service Pipeline Inspection Supervision**

Role: Pipeline Inspection Supervisor

- > Monongalia County, WV

### **City of Bridgeport Pipeline Inspection Supervision, GIS Mapping, and Long-Term Control Plan**

Role: Pipeline Inspection Supervisor

- > Harrison County, WV

### **City of Parsons Pipeline Inspection**

Role: Pipeline Inspection Supervisor

- > Tucker County, WV

### **Kanawha County Metro 911 GIS Mapping**

Role: Pipeline Inspection Supervisor

- > Kanawha County, WV

### **Town of Albright Pipeline Inspection Supervision and I&I Investigation**

Role: Pipeline Inspection Supervisor

- > Preston County, WV

### **Ashton Estates Smoke Testing**

Role: Pipeline Inspection Supervisor

- > Monongalia County, WV

### **Hardy County Rural Development Authority Industrial Park**

Role: Pipeline Inspection Supervisor

- > Hardy County, WV

### **Town of Nutter Fort I&I Investigation and Long-Term Control Plan**

Role: Pipeline Inspection Supervisor

- > Harrison County, WV

## REFERENCES



### **Berkeley County Development Authority**

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

### **Wirt County Schools**

Ms. Maryjane Pope-Albin, Superintendent  
389 Mulberry Street  
Elizabeth, WV 26143  
304-275-4279

### **McDowell County Schools**

Mr. Will Chapman, Director of Facilities  
30 Central Avenue  
Welch, WV 24801  
304-436-6142