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Header @ 1

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Procurement Folder: 966904

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000204787 

Legal Name: THE THRASHER GROUP INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 12/17/2021 

Response Time: 16:13

Responded By User ID: Thrasher 

First Name: Caroline

Last Name: Marion

Email: cmarion@thethrashergroup.com

Phone: 304-624-4108

SO Doc Code: CEOI

SO Dept: 0310

SO Doc ID: DNR2200000006

Published Date: 12/14/21

Close Date: 12/21/21

Close Time: 13:30

Status: Closed

Solicitation Description: A/E Services- Plum Orchard WMA New Headquarters

Total of Header Attachments: 1

Total of All Attachments: 1



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 966904
Solicitation Description: A/E Services- Plum Orchard WMA New Headquarters
Proc Type: Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2021-12-21 13:30	SR 0310 ESR12172100000003747	1

VENDOR
 000000204787
 THE THRASHER GROUP INC

Solicitation Number: CEOI 0310 DNR2200000006
Total Bid: 0
Response Date: 2021-12-17
Response Time: 16:13:52
Comments: n/a

FOR INFORMATION CONTACT THE BUYER
 Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** **DATE**

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	Civil engineering				0.00

Comm Code	Manufacturer	Specification	Model #
81101500			

Commodity Line Comments: n/a

Extended Description:

Architectural/engineering services and contract administration for the Plum Orchard WMA New Headquarters.

THRASHER



WV DIVISION OF NATURAL RESOURCES

CEOI 0310 DNR2200000006 Plum Orchard WMA New Headquarters

Submitted by:
The Thrasher Group, Inc.
December 21, 2021

December 21, 2021

Attn: Mr. Josh Hager, Buyer
2019 Washington Street East
Charleston, WV 25305

*RE: WV Division of Natural Resources - CEOI 0310 DNR2200000006 Plum Orchard
Wildlife Management Area New Headquarters*

Dear Mr. Adkins and Selection Committee Members:

The West Virginia Division of Natural Resources wants to construct new headquarters facilities for the Plum Orchard Wildlife Management Area in Fayette County. This new space will hold offices, sleeping/living quarters, and storage and maintenance areas. With services ranging from site work and civil engineering to architectural design and construction administration, the WVDNR needs a wide variety of work accomplished to make this project a reality. The Thrasher Group, Inc. is the right firm to make it happen.

Thrasher is a full-service architecture and engineering firm with a reputation for success across the state and beyond. Our team can provide every aspect of your project's needs with a team of in-house experts. Thrasher's architects will handle the design of the building itself, creating a welcoming, vibrant space. Our engineering staff will handle all site design, parking and traffic control, utilities, and MEP needs to make sure the facility is safe, accessible, and functional. Additionally, Thrasher has staff members to handle any environmental permitting needs, cost estimating, and construction administration. No matter what the WVDNR needs for this project, Thrasher's got it.

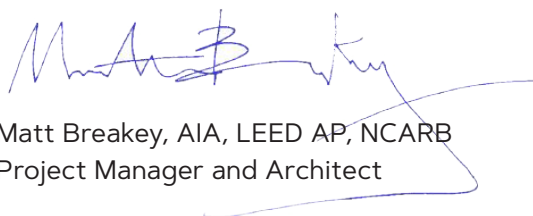
In addition to our design experience, Thrasher's team of experts have worked on a variety of recreation-related projects over the years. Our experience with outdoor tourism facilities gives us an additional insight that will prove beneficial for this new headquarters. Thrasher understands the importance of maintaining the natural beauty of the site and will provide a design that works with the landscape of Plum Orchard.

We appreciate the opportunity to share our qualifications with you and look forward to further discussing how The Thrasher Group can create a successful outcome for the West Virginia Division of Natural Resources.

Sincerely,
The Thrasher Group, Inc.



Craig Baker, ALEP
Principal



Matt Breakey, AIA, LEED AP, 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)
Matt Breakey, Project Manager and Architect

(Printed Name and Title)
600 White Oaks Blvd | Bridgeport, WV 26330

(Address)
304-848-6494 x1275 | 304-624-7831

(Phone Number) / (Fax Number)
MBreakey@thetrashergroup.com

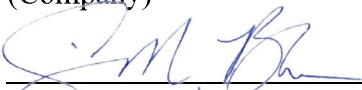
(email address)

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.

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.

The Thrasher Group, Inc.

(Company)



(Authorized Signature) (Representative Name, Title)

Craig Baker, Principal

(Printed Name and Title of Authorized Representative)

12-10-2021

(Date)

304-624-4108 | 304-624-7831

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: CEOI DEP22*06

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:

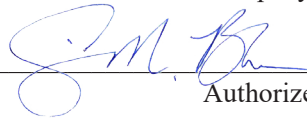
(Check the box next to each addendum received)

- | | |
|----------------------------------------------------|------------------------------------------|
| <input checked="" 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

12/17/21

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

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: 12-10-2021

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 10 day of December, 2021.

My Commission expires May 4 2026, 20 .

AFFIX SEAL HERE

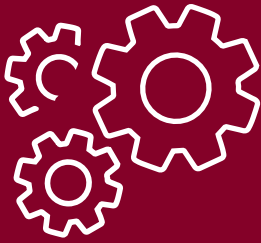


NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 01/19/2018)

THE THRASHER GROUP, INC.



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

Main Point of Contact:

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



9

OFFICES

in five states:

West Virginia

Virginia

Pennsylvania

Ohio

Maryland



300+

EMPLOYEES

34 Licensed
Professional Engineers

10 Licensed
Professional Surveyors

6 Licensed
Professional Architects

2 Licensed Professional
Landscape Architects



38

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 Plum Orchard Wildlife Management Area new headquarters and will handle them in the following manner:

Goal 2.1 | Review of Plans

The Thrasher Group can provide the West Virginia Division of Natural Resources with all of the services required. This will begin with the review of existing plans and conditions and an evaluation of the site. Communication will be key in this portion of the project - and throughout the entire process - and will be upheld consistently. An overview of Thrasher's communication approach is included later in this document.

Goal 2.2 | Meeting Objective and Budgets

With a full team of in-house experts, Thrasher will be able to provide all necessary architecture and engineering services to design the Plum Orchard Wildlife Management Area new headquarters. As a well established West Virginia firm, we have a deep understanding of the local codes, laws, and applicable state regulations that will be necessary for this project. This will prove beneficial in sticking to outlined timelines and budgets, as Thrasher will be able to plan ahead to meet the regulations from the outset. As budget is such an important aspect of our work, Thrasher's cost estimating and budgeting information can be found in more detail in the coming pages.

Goal 2.3 | Construction Contract Administration

Our construction services team always plays a major role in the Thrasher full-service package. We have a Construction Administrator on staff - Bill Ratcliffe - who will help oversee the work being done at the Plum Orchard Wildlife Management Area. Bill and the team have the knowledge 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 Division of Natural Resources 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

Thrasher's team will conduct a site visit to kick off the project. 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 Plum Orchard Wildlife Management Area. 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 will provide drawings and specifications at 35%, 65%, 95%, and 100% intervals. We will also provide cost estimates at those intervals. Our team 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

Thrasher will assist the WVDNR 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.

COMMUNICATION APPROACH

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

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

Communication During Design

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

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

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

Communication During Construction

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

Additionally, Thrasher will conduct monthly progress meetings with the contractor, the WVDNR, 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 WVDNR. Action items will be documented within the meeting minutes.

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

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.

MEETING YOUR TIMELINES



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. Then, we use our thorough understanding of the local market and material costs to accurately design within your budget.



PROJECT EXPERIENCE



BOY SCOUTS OF AMERICA JW and Hazel Ruby Welcome Center

Client Contact:

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

Nestled among the wooded West Virginia hills, adjacent to heavily trafficked Rt. 19, the Welcome Center serves a dual function. It welcomes visitors headed to the nearby training and adventure grounds, and it is an information center open to the general public. With no other structures in sight, this 12,000sf building was afforded that rare opportunity to establish a vernacular.

In harmony with the surrounding hills, the building has gently rolling metal roofs and glulam beams supported by heavy timber posts with branch-like knee bracing. Exterior veneer is cut stone collected from nearby. Two cedar-clad 'chimneys' provide shear bracing while hiding high-efficiency RTUs. Curtainwall with sloping high-bays enclose the front and rear elevations, diminishing the boundary between inside and out. A side entrance has a long roof extending over a bus drop-off area. In addition to the main building, Thrasher designed restrooms, parking, facilities, and scenic trails to create an overall easy access to the building by foot.

PROJECT EXPERIENCE



WEST VIRGINIA VISITOR CENTER Conceptual Plan and Feasibility Study

Client Contact:

Mr. Chris Chiles, Executive Director
400 Third Ave | Huntington, WV 25701
304-523-7434

In preparation to conduct a feasibility study for a new West Virginia Visitor Center, The Thrasher Group teamed up with Solimar International for planning and architecture services. The development of the new Visitor Center will be located adjacent to State Route (SR) 152 and I-64 interchange near Huntington, West Virginia. Due to SR 152 serving as the Appalachian Heritage Highway and the primary gateway to the area, tourism from local and out of state visitors has rapidly accumulated. Notable attractions such as Heritage Farm, East Lynn Lake and Beechfork Lake, downtown Huntington, and the Huntington Museum of Art attract tourists to the area. Approximately 40,000 vehicles per day travel along I-64 and a Visitor Center could capture and direct visitors to the community.

Thus far, Thrasher was responsible for master planning, architectural concepts, and wayfinding strategies. The following project stages will entail Thrasher conducting an analysis of the site, determine infrastructure criteria, and overall site feasibility. Finally, Thrasher will provide a cost estimate, develop several architectural concepts for the facility including overall build envelope, design intent, and renderings.

PROJECT EXPERIENCE



BOY SCOUTS OF AMERICA Tillerson Leadership Center

Client Contact:

Mr. Rob Ridgeway, Facilities and Development Director
2550 Jack Furst Drive | Glen Jean, WV 25846
304-465-2800

The Rex W. Tillerson Leadership Center is part of the Summit Bechtel Reserve in Glen Jean, West Virginia. This Center provides a gathering space for visitors to the Reserve. It features a lobby area, 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, banquets, 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. and gathering area. 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.



PROJECT EXPERIENCE



CITY OF MORGANTOWN

Hazel Ruby McQuain Riverfront Park Improvements

Client Contact:

Ms. Emily Muzzarelli, City Manager
185 Garrett Street | Morgantown, WV 26505
304-284-7406

The Hazel Ruby McQuain Park and Amphitheater is one of Morgantown's premier outdoor recreation facilities. The park is home to annual local festivals, community movie and concert events, and several organized run and walk events during all seasons.

The improvements project consists of: a new amphitheater canopy, new restroom building, adaptive reuse of the historic depot, renovation of the existing restroom building to a new green room and police department storage facility, renovations to the amphitheater seating area, redesign and renovation of the park pedestrian areas and landscape, bike/walking path improvements, new ADA kayak launch, and renovations to the Walnut Street Landing parking and pedestrian area.

The project upgrades the quality and capacity of the amphitheater facility as a performance venue. The new canopy provides covered seating and sun shading. The new restroom building provides modern facilities capable of serving the park during large events and during daily operations. Renovations to the historic depot adapt the building for use as a multi-purpose facility consisting of: a community space with kitchen, operations and will call office, and a police sub-station. The overall site, including the Walnut Street Landing area have been redesigned and upgraded to better support the recreational and performance activities. The site and landscape upgrades improve ADA accessibility and overall user friendliness.

PROJECT EXPERIENCE



WVDEP New Headquarters

Client Contact:

Mr. Troy Schell

101 Cambridge Place | Bridgeport, WV 26330

304-842-1900

The Thrasher team completed all architecture, engineering, surveying, and materials testing for the new 27,000 SF Fayetteville Regional office for the West Virginia Department of Environmental Protection. The wood frame and masonry constructed building was completed utilizing the design-build delivery method with the Owners Representative Prayworks and General Contractor Swope Construction. Our team worked closely with the owner and tenant to program, plan, budget, and design the structure. Construction was completed utilizing the lean construction method which ultimately saved the owner time and money.

PROJECT EXPERIENCE

BOY SCOUTS OF AMERICA Pigott Base Camp (Camp D) Dining Hall and Bunkhouse

Client Contact:

Mr. Rob Ridgeway,
Facilities and Development Director
649 Jack Furst Drive | Glen Jean, WV 25846
304-465-2850

As part of the Pigott Base Camp, the new Camp D Dining Hall & Bunkhouse are positioned to overlook the broad expanse of the Summit Bechtel Reserve taking advantage of the Appalachian landscape.

The Bunkhouse is designed to serve as a starting point and ending point for the day's adventures. The two-story building houses sleeping spaces, bathing spaces, and gathering spaces for up to 200 occupants and is attached to the nearby Dining Hall by a courtyard and a thoughtfully designed foyer that serves as the main entrance to both buildings as well as an enclosed pre-event space.

The bunkhouse is expressed as a linear organization of four fiber cement-clad lodging modules punctuated by smaller support spaces. The building form is further distinguished by the rhythmic relationship of the volumes. Materials are deliberately simple and durable. The building's structure is primarily composed of open-web trusses and dimensional lumber, maximizing the use of pre-manufactured, engineered, and pre-cut materials. The large gathering rooms are highlighted by the playful color selection paint and furniture. Expansive windows open vistas toward Goodrich Lake and the rolling mountains. Large windows in each of the sleeping rooms expand the space and offer dramatic views. The rich palette of



materials blends the building seamlessly with the natural environment and the vernacular of the existing structures of The Summit.

The new Dining Hall features an exposed timber-framed structure housing a combination of indoor seating for up to 300 people and covered outdoor dining for up to 200 people. The building is designed with the potential to enclose the outdoor dining to create indoor seating for up to 500 occupants. Large walls of glass connect the indoor dining to the outdoor dining while clerestory windows illuminate the interior with natural light. The covered outdoor dining deck wraps the southern and eastern sides of the dining hall taking advantage of the view to the south. The section adjacent to the north side of the dining hall houses a commercial kitchen and restrooms. The restrooms can be accessed from both the interior of the dining hall and kitchen, as well as from the exterior plaza between the two buildings. The overall form and materials of the dining hall were selected to integrate seamlessly with, and compliment, the natural Appalachian landscape and vernacular environment.

PROJECT EXPERIENCE



Doddridge County Schools Maintenance Building and Career Center

Client Contact:

Mr. Jeff Harvey, Director of Student Support Services
1117 WV Route 18 N | West Union, WV 26456
304-873-2300



The Thrasher Group has worked with Doddridge County Schools on a number of projects over the years. Our most recent is an ongoing effort to create a new, multi-purpose building for the County that provides both a maintenance facility and several vocational classrooms.

The facility will house space for maintenance and staff. This side of the building will primarily be used to house buses, facility vehicles, and related staff members. It will also support one of the new vocational classes that will be housed in this building – Diesel Mechanics. In addition to the diesel class, this building will feature classes for welding, digital media, and oil and gas. These classrooms have been designed with the newest technology in mind, while meshing the look and feel of the surrounding educational buildings.



This project, which is currently in progress, is a cross-divisional effort for Thrasher. Our Architecture Division is leading the effort, providing design services, while our Survey Division has provided traditional survey and aerial mapping for the project. Our Utilities Division is also playing a role.

KEY PERSONNEL



WV DIVISION OF NATURAL RESOURCES

Craig Baker, ALEP
Principal

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

Jim Decker, MBA
Construction Estimator

Kenton Blackwood, Assoc.
AIA, LEED AP
Senior Designer

Bill Ratcliffe, REFP
Construction Administrator

Robert Milne, PE
Senior Civil Engineer

Sam Rich, PLA
Landscape Architect

Jonathan Carpenter, PE
Senior Utility Engineer

Brian Hensley
Electrical Designer

Ken Smith, PE
Mechanical Engineer

Duane Boyle
Plumbing Designer

Jordan Wilcox
Environmental Specialist

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

Boy Scouts of America

JW and Hazel

Welcome Center

Role: Principal

- > Fayette County, WV

Boy Scouts of America

Rex Tillerson

Leadership Center

Role: Principal

- > Fayette County, WV

Boy Scouts of America

Gene H. Yamagata Lodge

Role: Principal

- > Fayette County, WV

City of Morgantown

Hazel Ruby McQuain

Park Improvements

Role: Principal

- > Monongalia County, WV

Progress Centre Office Building at White Oaks Business Park

Role: Principal

- > Harrison County, WV

Dominion Energy Headquarters New Office Building

Role: Principal

- > Harrison County, WV

The Wingate Hotel and Conference Center

Site Planning and Schematic Design

Role: Principal

- > Harrison County, WV

Valley Crosswinds Office New Building

Role: Principal

- > Marion County, WV

MATT BREakey, AIA, LEED AP, NCARB

Project Manager and Lead Architect



Education

Bachelor of Architecture,
Pennsylvania State University

Bachelor of Science,
Architecture
Pennsylvania State University

Registrations

Professional Architect:

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

Certifications

- > NCARB Certification

Affiliations

- > LEED Accredited Professional, US Green Building Council
- > American Institute of Architects - Board Member (AIA)
- > President of WV Chapter of American Institute of Architects
- > National Council of Architectural Registration Boards (NCARB)

Trainings

- > WVHDF Fair Housing Act and ADA Training
- > Green Housing Training

Matt Breakey, AIA, NCARB, LEED AP has over 20 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 JW and Hazel Ruby

Welcome Center

Role: Project Architect
> Fayette County, WV

Boy Scouts of America Rex W. Tillerson

Leadership Center

Role: Project Manager
> Fayette County, WV

WVDEP

New Office Facility

Wolf Creek Mixed-use Development

Role: Project Architect
> Fayette County, WV

Dominion Resources

New Headquarter Facility

Role: Lead Architect
> Harrison County, WV

Seneca Village Living Facility Pison Development

Role: Project Architect
> Monongalia County, WV

Dominion Goshen Road New Facility

Role: Project Architect
> Monongalia County, WV

Harrison County Courthouse Interior and Exterior Renovations

Role: Project Manager
> Harrison County, WV

Clear Mountain Bank New Facility

Role: Project Architect
> Garrett County, MD

Doddridge County Commission New Administrative Annex

Role: Project Manager
> Doddridge County, WV

MATT BREakey, AIA, LEED AP, NCARB

Project Manager and Architect

Attached is your wallet card, evidence of your current registration to practice architecture in West Virginia. You will receive a renewal notice prior to the expiration date indicated.

Certificate No: [REDACTED]

 S E C R E T A R Y	<p>STATE OF WEST VIRGINIA BOARD OF ARCHITECTS</p> <p>This Certifies that:</p> <p><u>MATTHEW BREakey</u></p> <p>is duly Registered and entitled to practice as a REGISTERED ARCHITECT until and including 06/30/2022</p>
	<p> Attest</p> <p> President</p>

KENTON BLACKWOOD, ASSOC. AIA, LEED AP

Senior Designer



Education

West Virginia University,
Engineering Curriculum

Fairmont State University,
Architecture Curriculum

Affiliations

- > LEED Accredited Professional
- > Associate Member of American Institute of Architects

Kenton Blackwood has 35 years of experience in the planning, design, bidding and construction of architectural projects throughout the State of West Virginia, and in the past decade he has designed and managed over \$85 million of construction. Kenton is well-versed in site evaluation and design, building program evaluation, planning and design, construction document development, bidding and construction administration, on-site construction observation, and is very knowledgeable in Fire/Life-Safety Code requirements and ADA/Accessibility Design Standards. He has extensive experience with WVSBA funded projects and is familiar with the agency's Policy and Procedures and Quality/Performance Standards.

Kenton has an unsurpassed understanding of technological architectural media with his knowledge of vector-based 3D modeling and CAD applications. His proficiency with virtual-reality modeling allows Thrasher to take a client around and through a design, study different forms, lighting, color schemes and finishes to make revisions before the project begins.

Experience

**Boy Scouts of America
JW and Hazel
Welcome Center**
Role: Senior Designer
> Fayette County, WV

**Boy Scouts of America
Rex W. Tillerson
Leadership Center**
Role: Senior Designer
> Fayette County, WV

**WVDHHR Office of Inspector
General Professional Suite
Build-Out**
Role: Senior Designer
> Marion County, WV

**WVDHHR Call Center Office
Professional Suite Build-Out**
Role: Senior Designer
> Marion County, WV

**WVDHHR Regional/
Community Service Office
Professional Suite Build-Out**
Role: Project Manager
> Marion County, WV

**West Virginia Visitor Center
Conceptual Plan**
Role: Senior Designer
> Cabell County, WV

**Prickett's Fort
State Park Visitor Center
New Construction**
Role: Senior Designer
> Marion County, WV

**4H/Harrison County
Recreational New Community
Center Construction**
Role: Senior Designer
> Harrison 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

Boy Scouts of America

Rex W. Tillerson

Leadership Center

Role: Construction Estimator and Administrator

> Fayette County, WV

Boy Scouts of America

Steve A. Antoline

Conservation Center

Role: Construction Estimator

> Fayette County, WV

Boy Scouts of America

Bunkhouse and Dining Hall

Role: Construction Estimator

> Fayette County, WV

Boy Scouts of America John

Tickle Training Center

Role: Construction Estimator

> Harrison County, WV

Upshur County Development

Authority Innovation Center

Role: Construction Estimator

> Upshur County, WV

Doddridge County

Commission Administrative

Annex Renovations

Role: Construction Estimator

> Doddridge County, WV

Wetzel County Commission

Shiben Building Judicial

Annex Renovations

Role: Construction Estimator

> Wetzel County, WV

Romney Public Works

Building New Facility

Role: Construction Estimator

> Hampshire County, WV

Dominion Energy Mount

Storm Office Building

Role: Construction Estimator

> Grant County, WV

Wetzel County Commission

Shiben Building Judicial

Annex Renovations

Role: Construction Estimator

> Wetzel 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.

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.

Education

Regents Degree,
West Virginia State University

Affiliations

- > Recognized Educational Facility Planner (REFP)

Experience

Boy Scouts of America

JW and Hazel

Welcome Center

Role: Construction

Administrator

- > Fayette 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

WV Public Service

Commission Façade

Replacement

Role: Construction

Administration

- > Kanawha County, WV

Berkeley Springs High School

Additions and Renovations

Role: Construction

Administration

- > Morgan County, WV

Greene County Memorial

New Recreation Center

Role: Construction

Administrator

- > Greene County, PA

Doddridge County

Commission Courthouse

Renovations

Role: Construction

Administrator

- > Doddridge County, WV

SAM RICH, PLA

Landscape Architect



Samuel Rich, PLA is a Landscape Architect and Land Planner at The Thrasher Group working in the Land Development Market. Sam's role includes overseeing the design process for a variety of land development and planning projects in the commercial, residential, municipal, and industrial sectors. His team works with clients to take projects from the development stages all the way through construction, providing site evaluation, master planning, estimating, project marketing, and final design services.

Education

Bachelor of Science,
Landscape Architecture
West Virginia University

Registrations

Landscape Architect:
> West Virginia

Affiliations

> American Society of
Landscape Architects

Before his time at Thrasher, he spent three years in the landscape design/build industry working on a variety of projects involving the beautification of the outdoor environment for both residential and commercial spaces. Sam also held an internship position with the District of Columbia Office of Planning where he oversaw the historic restoration design of 10 Downtown D.C. pocket parks under National Park Service jurisdiction.

Experience

Boy Scouts of America

JW and Hazel

Welcome Center

Role: Civil Project Manager
> Fayette County, WV

Boy Scouts of America

JW Marriott JR

Leadership Center

Role: Civil Project Manager
> Fayette County, WV

Wild Ridge, A West Virginia

YoungLife Camp

Role: Project Manager
> Nicholas County, WV

West Virginia Visitor Center

Conceptual Plan and Feasibility Study

Role: Project Manager
> Cabell County, WV

City of Beckley

Multi-Purpose Building/Plaza

Role: Landscape Architect
> Raleigh County, WV

Hatfield-McCoy Regional

Recreation Authority Ashland

Resort Master Plan

Role: Project Manager
> McDowell County, WV

City of Beckley

Downtown Improvements

Role: Project Manager
> Raleigh County, WV

WVU Milan Puskar Stadium

Renovations Landscape Plan

Role: Landscape Architect
> Monongalia County, WV

ROBERT MILNE, PE

Senior Civil Engineer



Education

Master of Science,
Civil Engineering
West Virginia University

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Pennsylvania
- > Virginia

Affiliations

- > Leadership Monongalia County, WV
- > Foundations of Leadership/ National Leadership Institute
- > USACE-Access Control Point Design Training Course

Robert Milne, PE has over 30 years of experience working with both public and private clientele throughout the Mid-Atlantic region to develop millions of dollars' worth of commercial, industrial, residential, and mixed-use sites. Rob's in-depth understanding of site layout, design, permitting, and funding have enabled him to complete several complex projects that have boosted economic development and delivered safe, sustainable building sites.

In addition to his engineering expertise, Rob serves as an experienced Senior Project Manager for Thrasher. His years of hands-on experience and in-depth knowledge is an asset for his clients. Rob uses this knowledge to oversee every aspect of his projects, including design standards, staff assignments, project schedules, and client communication. He takes the time to understand the needs of each client and finds specific solutions to their problems and provide a high-quality experience.

Experience

City of Beckley

New Police Station

Role: Civil Task Leader
> Raleigh County, WV

Wolfe Creek Industrial Park

Role: Project Manager
> Fayette County, WV

Fayette County 911 Center Site Design

Role: Project Manager
> Fayette County, WV

Seneca Village Pison Housing Site Development

Role: QA/QC
> Monongalia County, WV

Morgantown Event Center and Garage

Role: Project Manager
> Monongalia County, WV

Boy Scouts of America Rex Tillerson

Leadership Center
Role: Senior Civil Engineer
> Fayette County, WV

Boy Scouts of America JW and Hazel Welcome Center

Role: Civil Project Manager
> Fayette County, WV

Boy Scouts of America JW and Hazel Ruby McQuain Welcome Center

Role: Senior Civil Engineer
> Fayette County, WV

New Northside Fire Station Site Design

Role: Project Manager
> Monongalia County, WV

Baker Heights New Fire Station Site Design

Role: Senior Civil Engineer
> Berkeley County, WV

ROBERT MILNE, PE

Senior Civil Engineer

Name:	ROBERT R. MILNE
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 07/28/1999
	PE Expiration Date: 12/31/2022
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 32.00
	Carryover Hours for Next Renewal: 2.00
	Last Renewal or Reinstatement Date*: 05/06/2021
WV Engineer Intern:	EI Certification Number: [REDACTED]
	EI Issue Date: 07/01/1998
Primary Address of Record:	[REDACTED]
Primary Employer of Record:	THE THRASHER GROUP, INC. 600 WHITE OAKS BOULEVARD PO BOX 940 BRIDGEPORT, WV 26330
	<p>* 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.</p>

JONATHAN CARPENTER, PE

Senior Utility Engineer



Education

Bachelor of Science,
Civil Engineering
University of Tennessee

Registrations

Professional Engineer:

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

Affiliations

- > AWWA West Virginia – Past National Director and Chairman
- > ACEC Water Resources Gold Award
- > ACEC Water Resources Silver Award
- > ACEC Waste and Storm Water Gold Award
- > AWWA Fuller Award Recipient

Jonathan Carpenter, PE serves as managing partner of the firm's Charleston and Beckley, WV locations and leader of the Water Resources Market. In this role, he oversees numerous public utility projects of varying size and complexity. Jonathan has been with Thrasher for over twenty years, and brings an unsurpassed expertise to the company, particularly as it relates to the design of water and wastewater treatment facilities in rural areas.

Jonathan has spent the vast majority of his career working with small WV municipalities to help them identify issues within their water and sanitary sewer systems, and to develop innovative solutions that are both sustainable and economical. His diligent work throughout the state has garnered national recognition from the American Water Works Association (AWWA), where he was honored as a 2013 George W. Fuller Award recipient for his distinguished service to the water supply field and sound engineering skills.

Experience

Oak Hill Sanitary Board Sewer Line Rehabilitation

Role: Principal

- > Fayette County, WV

Craigsville Public Service District Tioga Water Line Extension

Role: Project Manager

- > Nicholas County, WV

Oak Hill Sanitary Board Route 61 Wastewater Treatment Plant Upgrade

Role: Principal

- > Fayette County, WV

Fenwick Mountain Public Service District Water System Improvements

Role: Project Manager

- > Nicholas County, WV

City of Mount Hope EQ Basin and Pump Station

Role: Project Manager

- > Fayette County, WV

Charleston Sanitary Board Civic Center Sanitary Upgrades

Role: Principal

- > Kanawha County, WV

Town of Fayetteville Stormwater Improvements

Role: Principal

- > Fayette County, WV

Charleston Sanitary Board Emerald Heights Pump Station

Role: Principal

- > Kanawha County, WV

Young Life Camp WildRidge Utility Extensions

Role: Senior Utility Engineer

- > Nicholas County, WV

JONATHAN CARPENTER, PE

Senior Utility Engineer

Licensure Verification

Search: Details

Name:	JONATHAN C. CARPENTER
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 12/18/2002
	PE Expiration Date: 12/31/2022
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 33.50
	Carryover Hours for Next Renewal: 3.50
	Last Renewal or Reinstatement Date*: 12/9/2020
WV Engineer Intern:	EI Certification Number:
	EI Issue Date:
Primary Address of Record:	[REDACTED]
Primary Employer of Record:	THE THRASHER GROUP, INC. 300 ASSOCIATION DRIVE CHARLESTON, WV 25311
	<p>* 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.</p>

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

Dominion Energy Mount Storm New Facility

Role: Mechanical Engineer
> Grant 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

Glennville State College HVAC Repair Design

Role: Mechanical Engineer
> Gilmer County, WV

Hatfield-McCoy Regional Recreation Authority Ashland Resort

Role: Mechanical Engineer
> McDowell County, WV

Harrison County Public Safety Building

Role: Mechanical Engineer
> Harrison County, WV

Doddridge County Maintenance Building

Role: Mechanical Engineer
> Doddridge County, WV

Mechanical Engineer

Licensure Verification

Search: Details

Name:	KENNETH E. SMITH
WV Professional Engineer:	PE License Number: [REDACTED]
	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:	[REDACTED]
Primary Employer of Record:	THE THRASHER GROUP, INC. 300 ASSOCIATION DRIVE CHARLESTON, WV 25311
	<p>* 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.</p>

BRIAN HENSLEY

Electrical Engineer



Education

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

Certifications and Trainings

- > Underground Coal Miner
██████████, Surface Coal Miner
██████████, Certified
- > Electrician Low/Medium/
High ██████████, Surface Mine
Foreman ██████████, Class
- > 33 EMT-M, Certified
Unlimited Instructor
EC,EE,IS,JU
- > 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

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

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

City of Charleston

Police Station Renovations

Role: Electrical Engineer

- > Kanawha County, WV

Dominion Energy

Mount Storm Office Building

Role: Electrical Engineer

- > Grant County, WV

Hatfield-McCoy Regional

Recreation Authority

Ashland Resort

Role: Electrical Engineer

- > McDowell County, WV

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

Dominion Energy

Mount Storm

New Office Building

Role: Plumbing Designer

> Grant County, WV

WV Office of Miners' Health

Safety and Training

Kitchen Renovations

Role: Plumbing Designer

> Kanawha County, WV

Benedum Airport Authority

New Hangar

Role: Plumbing Designer

> Harrison County, WV

Roane County Schools

Safe School Entrances

Role: Project Designer

> Roane County, WV

Calhoun-Gilmer

Career and Technical Center

Restroom Renovations

Role: Plumbing Designer

> Calhoun County, WV

DEA Academy

Flexible Operations Facility

Fieldhouse Improvements

Role: Plumbing Designer

> Quantico, VA

Yeager Airport

Restroom Renovations

Role: Plumbing Designer

> Kanawha County, WV

Carl D Perkins

Apartments Renovations

Role: Plumbing Designer

> Pike County, KY

Muskingum Watershed

Conservancy Clendening

Lake Park Cabin Models

Role: Plumbing Designer

> Tuscarawas County, OH

Boy Scouts of America

Steve A. Antoline

Conservation Center

Role: Plumbing Designer

> Fayette County, WV

JORDAN WILCOX

Environmental Specialist



Education

Bachelor of Science,
Environmental Science
Alderson Broaddus University

Certifications

- > 40 Hours Hazardous Waste Operations and Emergency Response
- > 8 Hours OSHA Supervisor Training
- > 38 Hour Army Corps of Engineers Wetland Delineation Training Certification
- > SafeLand/ SafeGulf USA On-Site Safety 8-Hour Course

Jordan Wilcox currently serves as an Environmental Project Manager for the firm working with Thrasher's ever-expanding Environmental Division. Jordan graduated with a degree in Environmental Science and has over 8 years of experience in the environmental consulting industry. Utilizing a combination of education and industry experience Jordan effectively leads and manages the implementation of Thrasher's environmental service lines from start to finish for a wide range of projects and clients. Jordan's specific expertise includes stream and wetland delineations, National Environmental Policy Act (NEPA) compliance and coordination, permitting strategy development, environmental regulatory permitting, and water quality monitoring and reporting.

Jordan has a demonstrated ability to multi-task and to ensure the technical competence of the projects on which he works. Jordan has proven his ability to work with multiple layers of regulatory agencies simultaneously to advance projects at a rapid pace. His knack for exceeding client expectations through thorough planning, budgeting, and project coordination has made him a valuable member of the Thrasher Environmental Division.

Experience

WV Division of Natural Resources Big Chimney Boat Ramp

Role: Environmental Specialist
> Kanawha County, WV

WV Division of Natural Resources Blue Creek Boat Ramp

Role: Environmental Specialist
> Kanawha County, WV

WV Division of Natural Resources Clendenin North

Role: Environmental Specialist
> Kanawha County, WV

WV Division of Natural Resources Clendenin South Boat Ramp

Role: Environmental Specialist
> Kanawha County, WV

Phase I Environmental Site Assessment, Automotive Dealership Service Center

Role: Environmental Specialist
> Wood County, WV

West Virginia Army National Guard Stormwater Pollution Prevention Plans and Spill Prevention, Control, and Countermeasure Plans

Role: Environmental Specialist
> Ohio and Wood Counties, WV

Phase II Environmental Site Assessment, Commercial Plaza

Role: Environmental Specialist
> Fayette County, PA

REFERENCES



Boy Scouts of America

Mr. Rob Ridgeway

Facilities and Development Director

2550 Jack Furst Drive | Glen Jean, WV 25846

304-646-2312

Doddridge County Schools

Mr. Jeff Harvey

Director of Student Support Services

1117 WV Route 18 N | West Union, WV 26456

304-873-2300

City of Morgantown

Ms. Emily Muzzarelli

Assistant City Manager

185 Garrett Street | Morgantown, WV 26505

304-284-7406



THRASHER