



THRASHER

# WEST VIRGINIA STATE UNIVERSITY

## HVAC Renovation Projects for Multiple Locations

AE01 2400000004

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**Submitted by:**  
The Thrasher Group, Inc.  
March 26, 2024

March 26, 2024

Attn: Mr. Jerry Rush, Director of Purchasing  
West Virginia State University  
5000 Fairlawn Avenue | Ferrell Hall Room 301  
Institute, WV 25112

*RE: West Virginia State University – HVAC Renovation Projects for Multiple Locations*

Dear Mr. Rush and Members of the Selection Committee:

From hot August temperatures to snowy December days, having efficient HVAC systems in place is a critical need in West Virginia. With the range of temperatures and conditions we face, having sound HVAC design and installation is crucial not only to utility bill savings but also the working and learning conditions of West Virginia State University (WVSU) students and staff. The team at Thrasher can help ensure that WVSU's systems consistently meet those needs.

Over the years, the Thrasher team has built an impressive portfolio of educational facility HVAC projects throughout West Virginia. The success of these projects is a direct result of building strong relationships with our clients and working hand-in-hand with administrative and facility personnel. These relationships ensure that each project meets not only the immediate specific goals of the project but also aligns with the long-term educational goals for the facility. To make this happen, we employ professional staff with expertise in educational facility project design and management who understand the specific tasks and requirements that go along with projects like yours.

As you will see throughout our submission, we have the right team and experience to improve the HVAC systems in the Drain-Jordan Library, Wallace Hall, Ferrell Hall, Fleming Hall, and the Cole Complex. We look forward to meeting with you to further demonstrate the commitment, dedication, and support The Thrasher Group will bring to West Virginia State University.

Sincerely,  
The Thrasher Group, Inc.



Amanda Cheuvront, AIA, NCARB  
Project Manager



# 300+

## EMPLOYEES

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

## MAIN POINT OF CONTACT:

Amanda Cheuvront, AIA, NCARB  
Project Manager  
acheuvront@thethrashergroup.com  
Cell: 304-444-0360  
Office: 304-343-7601



# 40+

## YEARS

of delivering successful projects



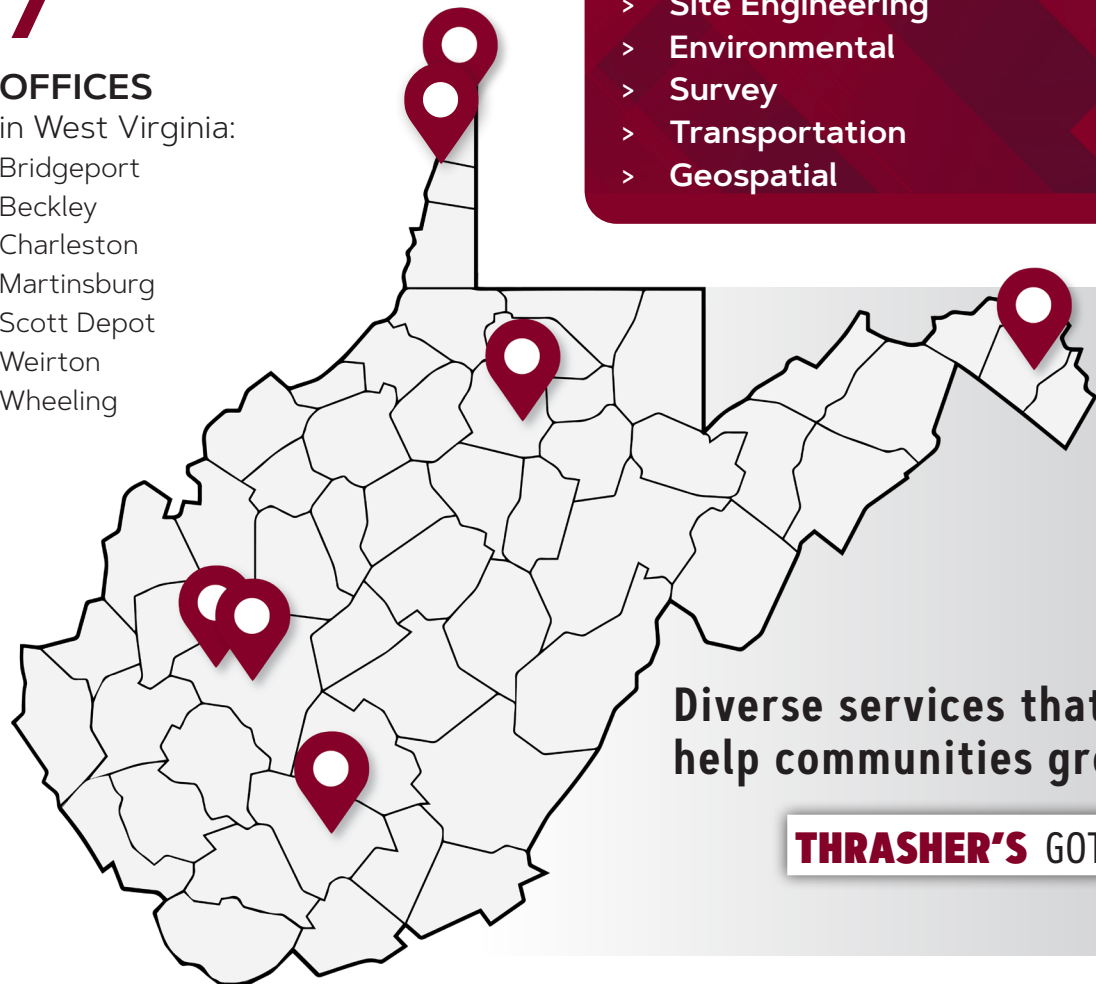
# 7

## OFFICES

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

## OUR SERVICES

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



Diverse services that help communities grow.

**THRASHER'S** GOT IT

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

We understand your goals for the HVAC renovations needed at the Drain-Jordan Library, Wallace Hall, Ferrell Hall, Fleming Hall, and the Cole Complex, and will handle them in the following manner:

## ▶ GOAL/OBJECTIVE 1

The Thrasher Group will provide thorough evaluations of the building's roofs to determine a replacement plan. This will include identification of what type of systems and construction will be used. If asbestos is an issue, we have a specialist on-staff ready to perform any studies necessary. We have performed a variety of renovation projects on occupied facilities and will create a plan that minimizes disruption to facility and campus operations.

## ▶ GOAL/OBJECTIVE 2

As a full-service architecture and engineering firm, Thrasher can provide all necessary services for this project. Our team can handle everything from the architectural design and structural engineering to potential MEP issues that may arise. We will perform all work in accordance with West Virginia State University's needs and objectives while maintaining all current laws and codes and adhering to budget constraints. Details on Thrasher's approach to budget management can be found later in this proposal.

## ▶ GOAL/OBJECTIVE 3

Construction administration always plays a major role in the Thrasher full-services package. This is a piece that we feel is important to offer for every project, and we consistently bid more projects than any other firm in the state. Thrasher has the competent professionals your team needs to ensure your project is constructed correctly and functions as designed.





## HIGHER EDUCATION

Thrasher is among the leading architectural and engineering firms in the region. Our team of experienced architects, engineers, surveyors, and planners will help take your projects from concept to reality.

Our clients range from small community colleges to large universities. Our diverse background with higher education planning and design allows us to provide projects that are sustainable, functional, and aesthetically pleasing.

### HIGHER EDUCATION EXPERTISE:

- > Student Housing
- > Office/Administration Buildings
- > Classrooms
- > Laboratories
- > Parking Complexes
- > Athletic Facilities
- > Sports Fields
- > Gymnasiums
- > Swimming Pools
- > Locker Rooms
- > Sidewalks
- > Master Planning
- > Landscape Architecture
- > Campus Retail/Services
- > Infrastructure Upgrades



## MECHANICAL, ELECTRICAL, & PLUMBING ENGINEERING

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

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

### Capabilities

#### Mechanical

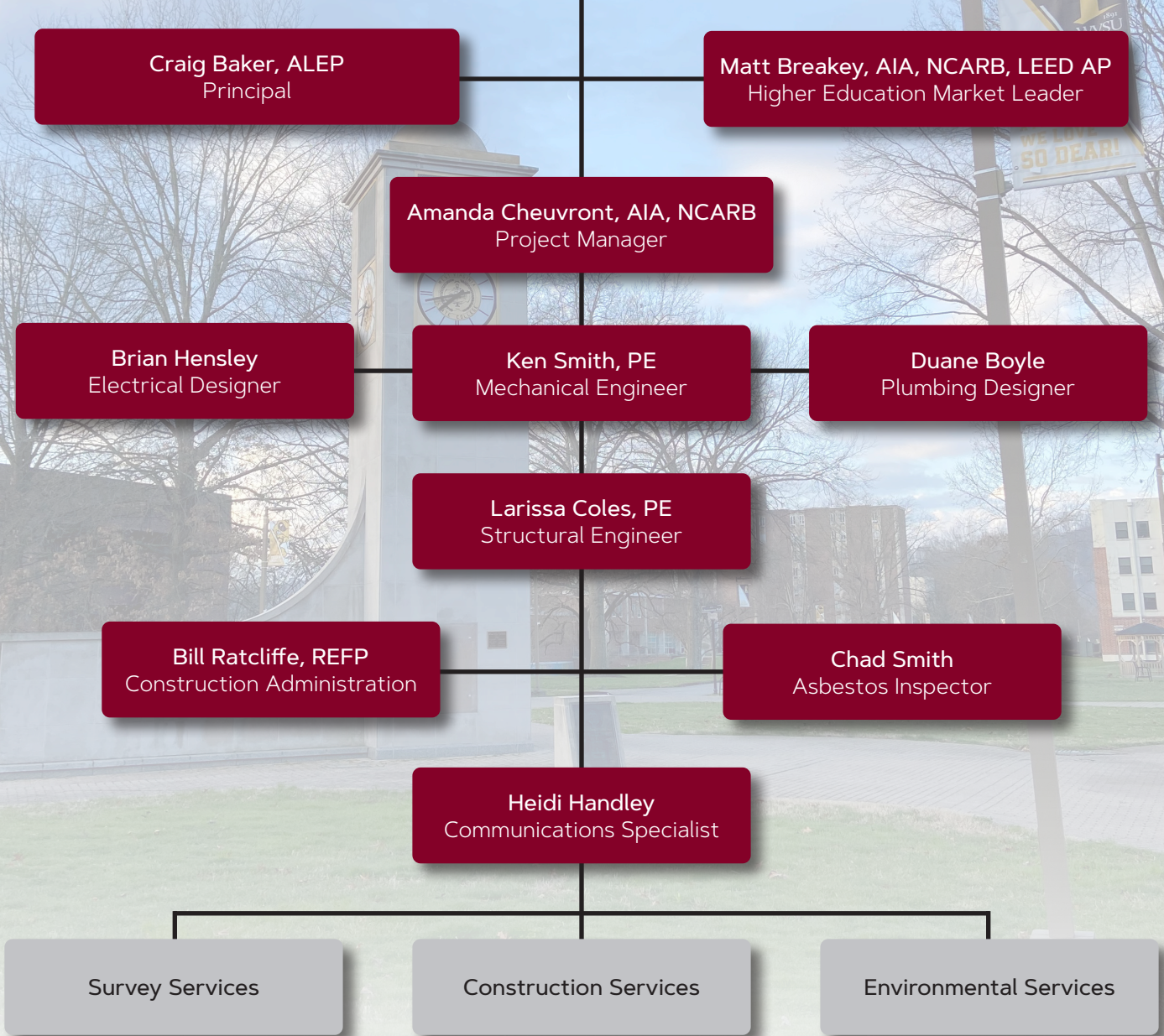
- > Heating, Ventilating, and Air Conditioning (HVAC) Systems
  - » Advanced technologies including Variable Refrigerant Flow (VRF) and Dedicated Outdoor Air Systems (DOAS)
- > Life Cycle Cost Analysis
- > Building Evaluation Reports

#### Electrical

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

#### Plumbing

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





# CRAIG BAKER, ALEP

PRINCIPAL

## Education

Bachelor of Science,  
Architectural Engineering  
Fairmont State University

Advanced Certificate,  
Educational Facilities Planning  
San Diego State University

## Certifications

- > 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

## PROFESSIONAL OVERVIEW

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

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

As manager of Thrasher's 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

### Concord University Fine Arts Building Renovations

Principal | Mercer County, WV

### Concord University Campus-Wide ADA Accessibility Upgrades

Principal | Mercer County, WV

### Concord University Day Care Center Renovations

Principal | Mercer County, WV

### Fairmont State University Turley Center and Wallman Hall Roof Renewal

Principal | Marion County, WV

### Fairmont State University Hunt Haught Hall Renovations

Principal | Marion County, WV

### Fairmont State University Education and Health Careers Facility

Principal | Marion County, WV

### West Virginia University Parkersburg Stephenson House Historic Renovation

Principal | Wood County, WV

### West Virginia University Mountaineer Baseball

#### VIP Lounge and Coaches Lounge

Principal | Monongalia County, WV

### West Virginia University Natatorium Renovations

Project Manager | Monongalia County, WV





# MATT BREAKEY, AIA, NCARB, LEED AP

HIGHER EDUCATION MARKET LEADER

## 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

## Affiliations

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

## Certifications

- > NCARB Certification

## PROFESSIONAL OVERVIEW

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

**West Virginia University Boreman Hall Project**  
Project Architect | Monongalia County, WV

**West Virginia University Dadisman Hall Renovations**  
Senior Project Manager | Monongalia County, WV

**Potomac State College Connecting Link Addition: Administrative Building and Academy Hall**  
Project Architect | Mineral County, WV

**Mid-Ohio Valley Technical Institute School Access and Safety Renovations**  
Project Architect | Pleasants County, WV

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

**West Virginia University College of Physical Activity and Sports Sciences**  
Project Architect | Monongalia County, WV

**Fairmont State University Turley Center and Wallman Hall Roof Renewal**  
Project Architect | Marion County, WV

**Fairmont State University Off-Campus Nursing Fit-Out**  
Project Architect | Harrison County, WV

**West Virginia University Engineering Sciences Building Entrance**  
Lead Architect and Project Manager | Monongalia County, WV



# AMANDA CHEUVRONT, AIA, NCARB

PROJECT MANAGER

## Education

Master of Science,  
Architecture  
University of North Carolina at  
Charlotte

Bachelor of Science,  
Architectural Engineering  
Fairmont State University

## Registrations

Professional Architect:

- > West Virginia
- > Virginia

## Affiliations

- > NCARB Certificate
- > Member – American Institute  
of Architects (AIA) – WV  
Chapter
- > AIA West Virginia's AIA Safety  
Assessment Program Training

## PROFESSIONAL OVERVIEW

Amanda Cheuvront, AIA, NCARB, is a highly talented Project Architect with a portfolio ranging from small interior renovations to large campus planning endeavors. Over the past decade, Amanda has been involved with numerous commercial building and healthcare projects and specializes in educational facility design.

Her experience has included all facets of project development, including client relations, design proposals, presentations, programming, project coordination, marketing, feasibility studies, and construction administration. Her versatility and knowledge working throughout the Mid-Atlantic region makes her a great manager and a powerful addition to any team.

## EXPERIENCE

**Marshall University Henderson Center South Roof Replacement**  
Project Manager/Architect | Cabell County, WV

**Pocahontas County Schools Green Bank Elementary/Middle School Boiler and Roof Replacement**  
Project Architect | Pocahontas County, WV

**McDowell County Schools Rooftop Units and HVAC Upgrades**  
Project Manager/Architect | McDowell County, WV

**Roane County Schools Roof Repairs and Improvements**  
Project Architect | Roane County, WV

**Barboursville Middle School Additions and Renovations**  
Project Manager/Architect | Cabell County, WV

**Cabell County Schools Window Replacement**  
Project Architect | Cabell County, WV

**Kanawha County Schools East Bank Bus Garage**  
Project Manager | Kanawha County, WV

**Divide Elementary School Additions and Renovations**  
Project Architect | Fayette County, WV

**Ritchie County Middle/High School Renovations**  
Project Manager/Architect | Ritchie County, WV

**Roane County Schools On-Call Services**  
Project Manager | Roane County, WV



# KEN SMITH, PE

MECHANICAL ENGINEER

## Education

Bachelor of Science,  
Mechanical Engineering  
West Virginia University

## Registrations

Professional Engineer:

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

## Affiliations

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

## PROFESSIONAL OVERVIEW

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

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

## EXPERIENCE

### Harrison County Commission Public Safety Building

Mechanical Engineer | Harrison County, WV

### Glenville State College HVAC Repair

Project Manager | Gilmer County, WV

### Houston Coal Company Store Interior Restoration Phase I

Mechanical Engineer | McDowell County, WV

### Preston County Economic Development Authority Grace Chapel Roof Replacement

Mechanical Engineer | Preston County, WV

### Doddridge County Maintenance Building

Mechanical Engineer | Doddridge County, WV

### Chapmanville Towers Senior Housing Renovation

Mechanical Engineer | Logan County, WV

### Parkland Place Senior Housing Renovation

Mechanical Engineer | Wood County, WV

### Dominion Energy Mount Storm New Facility

Mechanical Engineer | Grant County, WV

### State of West Virginia Building 23 Evaluation

Mechanical Engineer | Raleigh County, WV

### Calhoun-Gilmer Career Center Restroom Renovations

Mechanical Engineer | Calhoun County, WV

### Winchester Avenue Elementary School Window Replacement

Mechanical Engineer | Berkeley County, WV



# BRIAN HENSLEY

ELECTRICAL DESIGNER

## Education

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

## Certifications

- > AEP Class C Substation

## Trainings

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

## PROFESSIONAL OVERVIEW

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

## EXPERIENCE

**City of Salem Armory HVAC Evaluation**  
Electrical Designer | Harrison County, WV

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

**Boy Scouts of America John Tickle Training Center**  
Electrical Designer | Fayette County, WV

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

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

**Hatfield-McCoy Regional Recreation Authority Ashland Resort**  
Electrical Designer | McDowell County, WV

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

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

**Boone Memorial Hospital**  
Electrical Designer | Boone County, WV

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

**Calhoun-Gilmer Career Center Restroom Renovations**  
Electrical Designer | Calhoun County, WV



# DUANE BOYLE

PLUMBING DESIGNER

## Education

Associate Degree,  
Mechanical Design  
Ashland Regional Technology  
Center

## Certifications

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

## Affiliations

> Associated Builders and  
Contractors, Inc.

## PROFESSIONAL OVERVIEW

Duane Boyle 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

**Calhoun-Gilmer Career and Technical Center Restroom Renovations**  
Plumbing Designer | Calhoun County, WV

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

**Roane County Schools Safe School Entrances**  
Plumbing Designer | Roane County, WV

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

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

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

**Roane County Family Health Care New Entrance**  
Plumbing Designer | Roane County, WV

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

**Dominion Energy Mount Storm New Office Building**  
Plumbing Designer | Grant County, WV

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



# LARISSA COLES, PE

STRUCTURAL ENGINEER

## Education

Bachelor of Science,  
Natural Resources  
North Carolina State University

Bachelor of Science,  
Civil Engineering  
UNC-Charlotte

## Registrations

Professional Engineer:

- > North Carolina
- > South Carolina
- > Georgia

## PROFESSIONAL OVERVIEW

Larissa Coles, PE, has nearly three decades of experience in civil and structural Engineering design for a plethora of industries including commercial office buildings, industrial buildings, financial and religious institutions, hotels, and food industries. She works closely with architectural design professionals, owners, and contractors to produce designs and details for construction. In addition to producing designs, she has also reviewed designs, completed inspections during construction, and managed a variety of projects both small and large.

## EXPERIENCE

### **Bills Creek Volunteer Fire Department**

Structural Engineer | Rutherford County, NC

### **Shady Grove Baptist Church**

Structural Engineer | Gaston County, NC

### **South Blvd. Commercial Center**

Structural Engineer | Mecklenburg County, NC

### **Joy Performance Center Addition**

Structural Engineer | Gaston County, NC

### **Holiday Inn Express**

Structural Engineer | Brunswick County, NC

### **Best Western Hotel**

Structural Engineer | Craven County, NC

### **Rutherfordton Fire Department**

Structural Engineer | Rutherford County, NC

### **El Taco Loco Restaurant**

Structural Manager | Rutherford County, NC

### **Emmanuel Seventh Day Adventist Church**

Structural Manager | Mecklenburg County, NC

### **Stonebrook Lodge**

Structural Engineer | Cherokee County, NC

### **Tryon Equestrian Center Riding Arena**

Structural Engineer | Polk County, NC



# BILL RATCLIFFE, REFP

CONSTRUCTION ADMINISTRATOR

## Education

Regents Degree,  
West Virginia State University

## Registrations

- > Recognized Educational Facility  
Planner (REFP)

## PROFESSIONAL OVERVIEW

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, and 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.

## EXPERIENCE

### Roane County Schools New HVAC Cooling Towers

Construction Administrator | Roane County, WV

### Roane County Schools Roof Repair and HVAC Improvements

Construction Administrator | Roane County, WV

### McDowell County Schools HVAC Controls Upgrades

Construction Administrator | McDowell County, WV

### Wirt County Schools Wirt High School New Roof, HVAC, and Fire Alarm Replacement

Construction Administrator | Wirt County, WV

### Logan County Schools Chapmanville High School Auxiliary Gymnasium

Construction Administrator | Logan County, WV

### Pocahontas County Schools Green Bank Elementary Roof Replacement

Construction Administrator | Pocahontas County, WV

### Berkeley County Schools Berkeley Springs High School Additions and Renovations

Construction Administrator | Berkeley County, WV

### Berkeley County Schools New Gerrardstown Middle School

Construction Administrator | Berkeley County, WV

### Berkeley County Schools Martinsburg High School Fire Alarms

Construction Administrator | Berkeley County, WV

### Barbour County Schools Philip Barbour High School Complex Safe School Connector

Construction Administrator | Barbour County, WV



# CHAD SMITH

ASBESTOS INSPECTOR

## Registrations

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

## Trainings

- > Lead Based Paint Inspector
- > National Home Inspector Examination
- > Graduate Home Inspector
- > NITON Corporation, NITON XRF Spectrum Analyzer
- > Lead Inspector Certificate
- > Asbestos Project Designer Initial
- > Clandestine Drug Lab Remediation Tech Initial Certificate
- > WVAHI Awareness Class on Radon
- > WVAHI Awareness Class on Termite Inspection and Crawl Space Encapsulation
- > Fortune Builders Rehabber's Boot Camp
- > Certified Microbial Investigator through Indoor Sciences IAQ Training and Consulting
- > Lead Based Paint Inspector Initial Certificate
- > Lead Risk Assessor Initial Certificate

## PROFESSIONAL OVERVIEW

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

## EXPERIENCE

**West Virginia Land Stewardship Corporation  
HUD NEPA Assessments and ACM Investigations**  
Asbestos Inspector | Multiple Counties, WV

**Kanawha County Commission Brownfields Assessment**  
Asbestos Inspector | Kanawha County, WV

**Hampshire County Development Authority  
Hospital Asbestos Abatement**  
Asbestos Inspector | Hampshire County, WV

**Capital Area Development Corporation of West Virginia  
Charleston LIFT Center**  
Asbestos Inspector | Kanawha County, WV

**Thomas Memorial Hospital**  
Asbestos Inspector | Kanawha County, WV

**Kanawha County Schools**  
Asbestos Inspector | Kanawha County, WV

**Union Carbide**  
Asbestos Inspector | Kanawha County, WV

**City of Charleston**  
Asbestos Inspector | Kanawha County, WV

**City of South Charleston**  
Asbestos Inspector | Kanawha County, WV

**Camden-Clark Hospital**  
Asbestos Inspector | Wood County, WV





# HEIDI HANDLEY

COMMUNICATIONS SPECIALIST

## Education

Bachelor of Arts,  
Communications  
Fairmont State University

## Certifications

- > Foundations Certification  
– Association of Proposal  
Management Professionals

## Affiliations

- > West Virginia Society for  
Healthcare Engineering  
Sponsor Member
- > Society for Marketing  
Professional Services

## PROFESSIONAL OVERVIEW

Heidi Handley serves as Thrasher's Director of Marketing and Business Development. She has over a decade of experience with direct marketing and communications for the engineering, architecture, and construction industry. Through hands on application, Heidi has helped clients of all sizes increase community engagement to create more successful projects. Her knowledge of the A/E consulting world and the Mid-Atlantic region, paired with her marketing and communications background, allows her to effectively garner a high level of project awareness and stakeholder support. From the creation of marketing collateral to the implementation of targeted social media campaigns, Heidi successfully leads a full marketing staff on a vast array of endeavors critical to client success.

## EXPERIENCE

### **Davis Health Systems Architecture and Engineering Various Projects**

Client Liaison | Randolph County, WV

### **Greenbrier County Board of Education New Alderson Elementary**

Community Outreach/Social Media Engagement | Greenbrier County, WV

### **City of Lewisburg New Fire Station**

Community Outreach/Social Media Engagement | Greenbrier County, WV

### **West Virginia International Yeager Airport Architecture and Engineering Various Projects**

Program Manager | Kanawha County, WV

### **City of Milton Water System Upgrades**

Public Relations Specialist | Cabell County, WV

### **Clarksburg Water Board Public Relations**

Public Relations Specialist | Harrison County, WV

### **Marshall County Sewerage District Mozart Extension**

Community Outreach Specialist | Marshall County, WV

### **Town of Williamsport General Engineering Contract**

Social Media Awareness | Washington County, MD

### **Pike County ATV Trail System Conceptual Master Planning**

Public Meeting Presentations | Pike County, KY



## MATTHEW BREakey

<b>Name:</b>	BREakey MATTHEW
<b>Credential ID:</b>	3321
<b>Expiration Status:</b>	Not Expired
<b>Renewal Date:</b>	2023-06-01
<b>Expiration date:</b>	2024-06-30



## AMANDA CHEUVRONT

<b>Name:</b>	CHEUVRONT AMANDA
<b>Credential ID:</b>	4653
<b>Expiration Status:</b>	Not Expired
<b>Renewal Date:</b>	2023-06-30
<b>Expiration date:</b>	2024-06-30

<b>Name:</b>	KENNETH E. SMITH
<b>WV Professional Engineer:</b>	<b>PE License Number:</b> 011672
	<b>PE License Status:</b> Active
	<b>PE Issue Date:</b> 07/16/1992
	<b>PE Expiration Date:</b> 12/31/2024
<b>Continuing Education Claim:</b>	<b>Qualifying Hours from Last Renewal or Reinstatement:</b> 37.50
	<b>Carryover Hours for Next Renewal:</b> 7.50
	<b>Last Renewal or Reinstatement Date*:</b> 12/7/2022
<b>WV Engineer Intern:</b>	<b>EI Certification Number:</b>
	<b>EI Issue Date:</b>
<b>Primary Address of Record:</b>	2444 KIRBY ROAD MILTON, WV 25541
<b>Primary Employer of Record:</b>	THE THRASHER GROUP, INC.

**North Carolina Board of Examiners for Engineers and Surveyors**



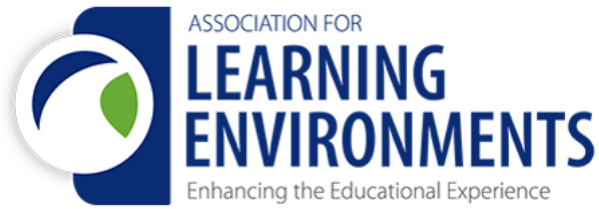
This is to certify that  
**Larissa M. Coles**  
is duly licensed and entitled to practice  
**Engineering**  
until December 31, 2024 when this certificate expires.  
License Number: 029478    Status: CURRENT

Handwritten signature of Dennis K. Hoyle in cursive.

*Dennis K. Hoyle, Chair*

Handwritten signature of Brenda L. Moore in cursive.

*Brenda L. Moore, Secretary*



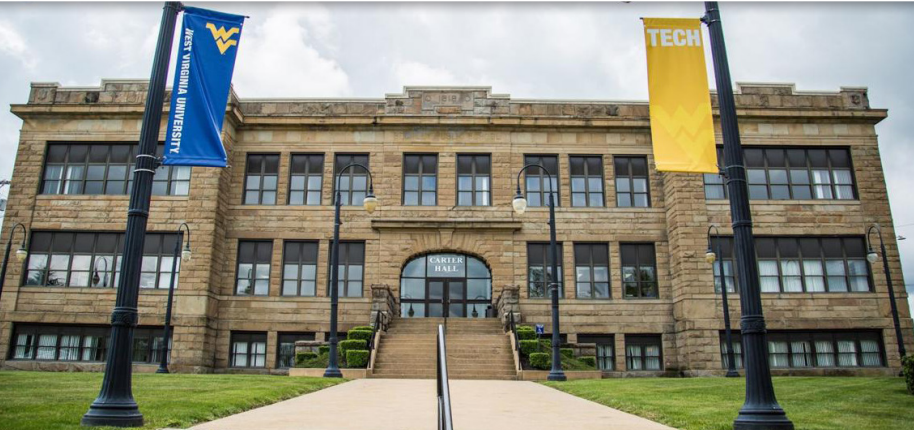
**Recognized Educational  
Facility Planner**

**William Ratcliffe, REFP**

**2016**

John K. Ramsey, CAE, Executive Director and CEO

Scott Layne, ALEP, Chair



## **WVU TECH** Various Projects

### Client Contact:

Mr. Robby Ward, Operations Manager Facilities  
605 S. Kanawha St | Beckley, WV 25801  
304-929-1555

The Thrasher Group has complete various projects for WVU Institute of Technology, including renovations, evaluations, and demolitions. Below is a sampling of projects the Thrasher team has completed for WVU tech.

### WVU TECH BIOLOGY LAB

WVU Tech in Beckley, West Virginia, was in need of new spaces for its biology program. They hired The Thrasher Group to take on the task, providing architectural design and mechanical, electrical, and plumbing engineering work. This adaptive reuse project involved conversion of an existing computer classroom into a Biology Lab and an existing conference room

into Lab Support Space. Work included the installation of new Lab workstations with epoxy resin counter tops, microscope storage cabinets, lab casework and islands, corrosive chemical storage cabinets, a lab fume hood, and flammables storage cabinets. Specification of new refrigerators and freezers was also included, as well as the designs for gas, water, and electrical feeds to the equipment.

### CAMPUS-WIDE BUILDING EVALUATION

Thrasher was hired by KVC Health Systems to complete building evaluations for every facility on the WVU Tech campus. These evaluations specifically included special attention to Safety, ADA compliance, HVAC systems, structural, and deferred maintenance inspection for each building on campus.

Our team completed detailed reports noting a prioritized list of which projects to complete first and the estimated cost for each.

We created conceptual designs for a few of the buildings on campus so they were able visualize their facility renovations before they made final decisions.

*Continued on next page...*

## HIGH RISE RESIDENCE TOWER DEMOLITION

Thrasher provided services for the demolition of the WVU Institute of Technologies High Rise Residence Tower. This project included the complete demolition of the 65,00 SF, 11 -story, steel frame structure with associated site fixtures.

Prior to and during the demolition construction our environmental and site team worked together to inspect and examine the area by providing an Asbestos Abatement.

## HVAC RENOVATION AND DEMOLITION

Thrasher was hired by the WVU Institute of Technology to provide design updates for the HVAC system of the 25,815 SF Kitchen and Dining areas of the facility. This update included new ceilings and sprinkler modification. The new system now includes fan coil units and condensing units.





 **FAIRMONT STATE UNIVERSITY**  
Hunt Haught Hall Renovation

**Client Contact:**

Mr. Tom Tucker, Facilities Manager  
1201 Locust Avenue | Fairmont, WV 26554  
304-367-4861

Thrasher provided all architectural services which included planning, design, and construction administration for the renovation of Hunt Haught Hall at Pierpont Technical College/Fairmont State University. Renovations included replacement and repair of the glass curtainwall in the stair tower and numerous HVAC upgrades. Due to the fact the structure is over 30 years old and has endured abundant wear, the steel structure within the glass curtainwall had deteriorated from years of leaky windows and needed extensive work. The existing glass needed complete replacement to be compliant with energy efficiency guidelines set forth by FSU. The HVAC upgrades included the removal and replacement of existing roof top hot water boilers to comply with the energy standards.

The architectural team at Thrasher had to be mindful of several challenges while working on Hunt Haught Hall. The most important challenge was to avoid disrupting the everyday use of the facility. The team had to be fully aware of ingress and egress, safety concerns, as well as noise disruption during classes. Specific guidelines were developed and included into the bidding documents to allow a clear understanding of the expectations before bidding. It was very important to FSU to keep the aesthetics of the building intact and not to change its looks too drastically. As seen below, Thrasher was able to make the upgrades without sacrificing the buildings original feel.



## **ROANE COUNTY SCHOOLS** HVAC Renovations

### **Client Contact:**

Dr. Richard Duncan, Superintendent  
813 Capital Street | Spencer, WV 25276  
304-927-6400

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

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



## **CALHOUN-GILMER CAREER CENTER** Roof and HVAC Upgrades

### **Client Contact:**

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

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

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





**MARION COUNTY SCHOOLS**  
North Marion HVAC Replacement

**Client Contact:**

Mr. L.D. Skarzinski, Administrative Assistant  
1516 Mary Lou Retton Dr. | Fairmont, WV 26554  
304-367-2100

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



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

**Client Contact:**

Mr. L.D. Skarzinski, Administrative Assistant  
1516 Mary Lou Retton Dr. | Fairmont, WV 26554  
304-367-2100

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

## **West Liberty University**

**Mr. Joe Rodella, CIO/COO**  
208 University Drive  
West Liberty, WV 26074  
304-336-8495

## **Marshall University**

**Mr. Jeff Pratt, Associate Director, Facilities Planning & Management**  
One John Marshall Drive | Room 125 - Old Main Building  
Huntington, WV 25755  
304-696-6415

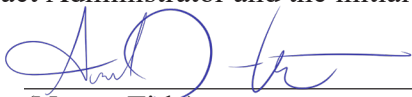
## **Fairmont State University**

**Ms. Stephanie Degroot, Construction Manager**  
1201 Locus Avenue  
Fairmont, WV 26554  
304-367-4401



## SIGNATURE/CERTIFICATION

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.



Project Manager

(Name, Title)

Amanda Cheuvront | Project Manager

(Printed Name and Title)

1000 Corporate Landing | Charleston, WV 25311

(Address)

304-343-7601 / 304-343-7604

(Phone Number) / (Fax Number)

acheuvront@thethrashergroup.com

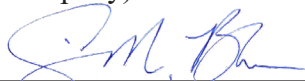
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through e-mail, 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 Commission/Institution 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 the Commission/Institution is requiring the vendor to follow the provisions of WV State 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)

March 20, 2024

(Date)

304-624-4108

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA  
Purchasing Division

# PURCHASING AFFIDAVIT

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

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

**DEFINITIONS:**

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

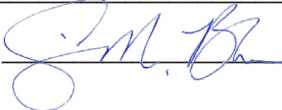
**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers'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

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

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

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: The Thrasher Group, Inc.

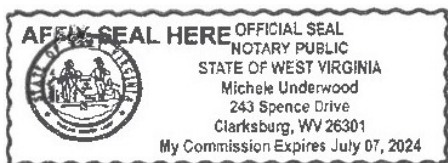
Authorized Signature:  Date: March 20, 2024

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 20 day of March, 2024.

My Commission expires July 7, 2024.



NOTARY PUBLIC 

**THRASHER**

**BRIGHT FUTURES**

BEGIN WITH A  
HIGH STANDARD OF

**EXCELLENCE**

**THRASHER'S** GOT IT