

08/14/17 09:33:51  
WV Purchasing Division

August 15, 2017

Department of Administration,  
Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

**RE: Solicitation #CEOI ADJ1800000001**

Dear Members of the Selection Committee,

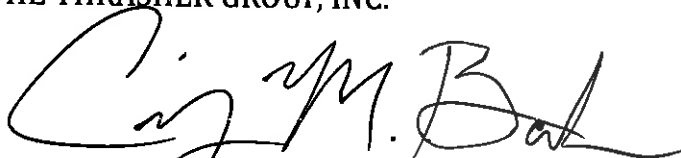
We are pleased to submit our response to Solicitation #CEOI ADJ1800000001 for Architectural/Engineering Services as they relate to the advertised EOI. Our team has thoroughly reviewed your request and believe we are the right team for this contract.

Our firm has the necessary experience, and the team of experts to handle the work that comes from an IDIQ contract like this. We have on-staff LEED accredited professionals that work with the most stringent design guidelines on a daily basis. This attention to detail and facility design will prove beneficial to the WV Army National Guard (WVANG) on their projects at Camp Dawson.

We have carefully chosen to team with Harper Engineering after having partnered with their firm on countless projects throughout the region. Harper Engineering brings a team of MEP professionals second to none in West Virginia. Our team has a superb track record of producing solid construction documents, getting projects bid, and administering the construction process to assure the quality of work is in accordance with contract documents.

We can assure a talented work force of sufficient size to prove immediate and comprehensive involvement on this project. We are looking forward to sharing our knowledge and experience with the WVANG. We've assembled a group of professionals to meet your project needs. Thank you for your consideration.

Sincerely,  
THE THRASHER GROUP, INC.



Craig Baker, CEFP  
Project Manager

# THE THRASHER GROUP, INC.

With over 35 years of experience in the architecture/engineering industry, The Thrasher Group, Inc. has grown into one of the Mid-Atlantic Region's largest full-service and privately-owned firms. Thrasher's long standing commitment to building business through "successful projects and repeat clientele" remains the goal of our ownership.

At Thrasher, we pride ourself on the wide array of services provided to our clientele. The ability to continuously adapt and be successful is a testament to the over 300 employees Thrasher employees. Each employee is committed to maintaining the highest standards of professional services. Our standards are reflected throughout the quality work of our employees. This commitment to excellence has resulted in establishing offices in Maryland, Virginia, Ohio, Kentucky and expanded our West Virginia footprint. All of the efforts from our employees and clients like you, result in a positive economic impact.

Working with Thrasher means we cover all of the professional services needed to deliver successful projects to both public and private clientele. Our firms' roots were planted in civil engineering and consulting services for public utility projects, but our success has allowed us to branch out, expanding our services to meet the ever growing needs of our clients.

find us online at:

[www.thethrashergroup.com](http://www.thethrashergroup.com)



#### **Main Point of Contact:**

Craig Baker, CEFP

*PIC/Project Manager*

600 White Oaks Blvd.

PO Box 940

Bridgeport, WV 26330

Cell: (304) 669-3022

Phone: (304) 624-4108

Fax: (304) 624-7831

#### **Office Locations:**

Bridgeport, WV

Charleston, WV

Beaver, WV

Oakland, MD

Fredericksburg, VA

Canton, OH

Lexington, KY

THRASHER

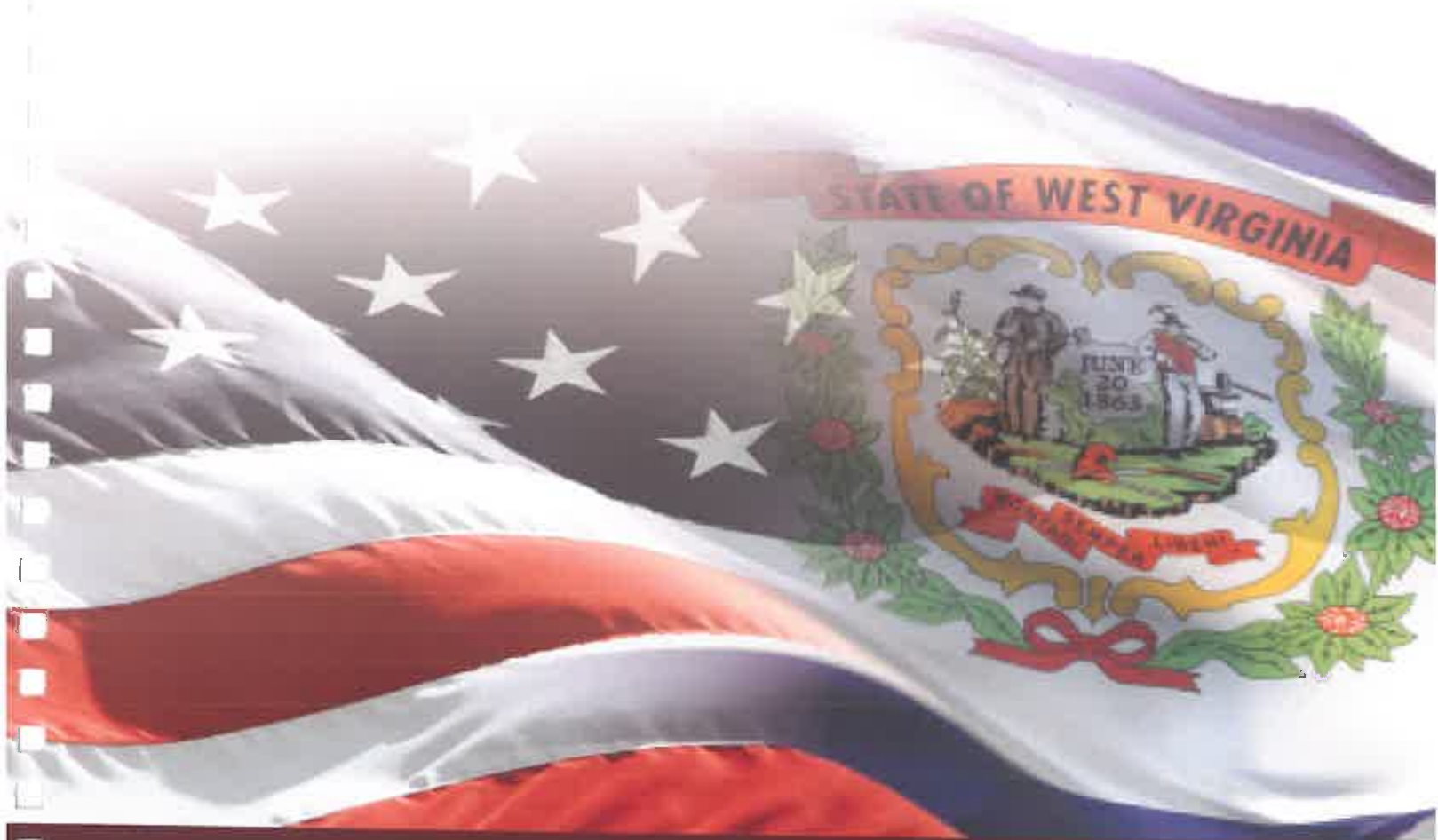
## PROJECT APPROACH

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Thrasher's project philosophy is very simple: we develop *long-term relationships*.

This fundamental business practice is what drives us to pursue opportunities where we get to work on meaningful projects such as the Camp Dawson new student training buildings. We use our perfected project management method to provide our clients with exceptional service and award winning projects that not only improve sites but provide peace of mind that your facility will stand the test of time.

We hope the Army National Guard chooses to work closely with us on the completion of the new training buildings for Camp Dawson.



THRASHER

# PROJECT APPROACH

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Mr. Craig Baker will serve as your project manager. Craig has worked with the State of West Virginia on several successful projects and will be heavily involved from a quality control perspective to ensure all your needs are met.

Thrasher's first-hand knowledge with providing professional design services to projects with similar scopes will make this project seamless and less burdensome on the West Virginia Army National Guard (WVANG). The following steps will be used by our team throughout the project.

- Step 1.** The first step will be to introduce the project team. Our highly qualified team of professionals will be available at all times to the WVANG through the completion of the design and construction phases.
- Step 2.** The second step will be refine the project scope. Our team will spend the required time to nail down your exact needs.
- Step 3.** The third step will be to establish a detailed project time-line. This step will consist of determining a schedule that is least disruptive to the day to day activities at Camp Dawson.
- Step 4.** The fourth step will be to complete bidding documents and obtain competitive bids within our project budget.
- Step 5.** The fifth step in our project approach consists of staying involved until the post project review is complete.



ROBERT C. BYRD  
WEST VIRGINIA ARMY NATIONAL GUARD  
REGIONAL TRAINING INSTITUTE

THRASHER



# ORGANIZATIONAL CHART

**State of West Virginia  
Department of Administration**

**Harper Engineering**  
Mechanical, Electrical, Plumbing

**Clay Riley, PE**  
QA/QC

**Craig Baker, CEFP**  
Project Manager

**Matt Breakey, AIA, LEED AP**  
Lead Project Architect

**Joe Sinclair, AIA, NCARB,  
LEED AP BD+C, CDT**  
Project Architect

**Kenton Blackwood, Assoc. AIA, LEED AP**  
Lead Technical Designer

**Jeff Roberts, AAIA, PE**  
Construction Estimator

**Bill Ratcliffe, REFP**  
Construction Administrator

# CRAIG BAKER, CEFP

## *Project Manager*

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Mr. Baker has extensive experience in designing, renovating and planning building additions for academic clients. Mr. Baker has designed, managed and completed many projects during his tenure at Thrasher. He has a vast knowledge centered on the following: sports complexes, administrative office space, classroom design, academic building expansion, government buildings, residences, medical facilities and restaurants.

Craig is experienced in all CADD and building information modeling design programs relative to architecture. Craig has excellent client communication, coordination of construction, detailed construction document preparation, bidding, construction management and contract administration and is an experienced project manager.

### **Education:**

- Bachelor of Science, Architectural Engineering - Fairmont State University
- Advanced Certificate, Educational Facilities Plan - San Diego State University

### **Affiliations/Certifications:**

- American Institute of Architects - Associate, West Virginia and National Chapters
- Certified Educational Facilities Planner (CEFP)
- Council of Educational Facilities Planner
- West Virginia Energy Services Coalition

### **Related Experience Includes:**

- VA Building 7 Interior and Exterior Renovation - Harrison County, West Virginia
- Camp Upshur Marine Corps Base, Quantico, VA Interior Upgrades - Prince William County, Virginia
- WV Board of Pharmacy New Office Interior Renovations - Harrison County, West Virginia
- Boy Scouts of America Welcome Center - Fayette County, West Virginia
- North Central West Virginia KCI/V-1 Service Airport Renovations - Harrison County, West Virginia
- Mason Dixon Energy Fit-Out Project - Harrison County, West Virginia
- Marion County Health Department Interior and Exterior Renovations and Addition - Marion County, West Virginia

# CLAY RILEY, PE

## *Quality Assurance / Quality Control*

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Clay Riley, PE, joined Thrasher in 1998 and was named partner in 2007. Currently, Mr. Riley serves as both a leader of the firm's business development efforts, as well as overseeing the quality assurance of Thrasher's large-scale utility projects. Clay spent a large portion of his career managing multi-million dollar public and private utility jobs before transitioning into a business development role. Mr. Riley's extensive portfolio of potable water, sanitary sewer, and storm water projects has made him an expert in the field. His knowledge of the design, permitting, construction, and operation of expansive utilities, specifically in the State of West Virginia, brings his clients a level of quality assurance that other firms cannot match.

As part of his role within the administration of utility contracts, Mr. Riley is responsible for project scheduling oversight, design QA/QC, and ensuring seamless client communication. Clay's vast experience and history of successful projects earned him the esteem of his peers, and was ultimately named the Secretary-Treasurer of the American Council of Engineering Companies (West Virginia Chapter). This role has given Clay a platform to engage both the State and National engineering communities to help identify infrastructure needs, and create growth opportunities within the Mid-Atlantic region.

### **Education:**

- Bachelors of Science, Electrical Engineering - West Virginia University
- Bachelors of Science, Computer Engineering - West Virginia University

### **Registrations:**

- Registered Professional Engineer
  - States of West Virginia, Ohio, Pennsylvania, Kentucky, North Carolina, and Maryland

### **Related Experience Includes:**

- United States Federal Bureau of Prisons Complete Site Utility Design:
  - USP Hazelton High Security Penitentiary - Preston County, West Virginia
  - FCI McDowell Security Correctional Institute - McDowell County, West Virginia
  - FCI Gilmer Medium Security Correctional Institute - Gilmer County, West Virginia
  - USP Canaan High Security Penitentiary - Wayne County, Pennsylvania
- Charleston Sanitary Board Multi Year Civil Engineering Contract - Kanawha County, West Virginia
- Baker Hughes Industrial Site Development Utility Design - Stark County, Ohio
- American Woodmark Facility Utility Design and Mapping - Hardy County, West Virginia
- City of Sandusky Water Intake Upgrades Project - Erie County, Ohio
- Tom Seeley Manufacturing Facility Site and Utility Layout - Morgan County, West Virginia
- City of Weirton Citywide Utility Upgrades - Hancock County, West Virginia

# MATT BREakey, AIA, LEED AP

## Lead Project Architect

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Matthew Breakey, AIA, NCARB, LEED AP, joined the team at Thrasher in the fall of 2014. Mr. Breakey brought with him over 20 years of experience providing architectural design and management services to a wide variety of clients including those in the education sector (K-12 and higher education clients), State, Federal, Correctional, Commercial, Multi-Unit Residential, and Healthcare System.

Mr. Breakey spent part of his career providing oversight for major capital construction projects for two auxiliary entities at a Higher Education Institute. This work has given him a refined eye for both the design aspect as well as project construction and feasibility. Mr. Breakey's combination of experience and education have made him a highly sought after architect in the region.

### Education:

- Bachelors of Architecture - Pennsylvania State University
- Bachelors of Science, Architecture - Pennsylvania State University

### Registrations:

- Registered Architect:
  - States of West Virginia, Maryland, Kentucky, Ohio, Pennsylvania, and Michigan

### Affiliations/Certifications:

- LEED Accredited Professional, US Green Building Council
- NCARB Certification
- American Institute of Architects (AIA)
- AIA West Virginia Chapter - member
- Council of Educational Facilities Planners International (CEFP)

### Related Experience Includes:

- FCI Hazelton, Medium Security Correctional Institution - Preston County, West Virginia
- Rupert Elementary School - Greenbrier County, West Virginia
- Chapmanville Regional High School Axillary Gymnasium - Logan County, West Virginia
- Planet Fitness New Construction - Washington, Pennsylvania & Johnstown, Pennsylvania
- WVU Engineering Sciences Building Lab Renovations - Monongalia County, West Virginia
- WVU Engineering Sciences Building Entrance - Monongalia County, West Virginia
- Potomac State College New Library Entrance Addition - Keyser, West Virginia
- WVU Student Health Center - Monongalia County, West Virginia



# JOE SINCLAIR, AIA, NCARB, LEED AP BD+C, CDT

## Project Architect

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A Taylor County native, Joe is an Iraq War Veteran and former member of the West Virginia Army National Guard. Joe brings over ten years of architectural experience in all phases of design ranging from commercial renovations, additions, and new construction to historic preservation and multi- and single-family residential projects.

Joe's resume is built with architectural experience from Savannah, GA, Atlanta, GA, Charleston, WV, and North Central West Virginia. Along with an appreciation for contemporary design, Joe's expertise lies in the building envelope and utilizing building information modeling (BIM) software for project development and documentation.

### Education:

- Master of Architecture - Savannah College of Art & Design
- Bachelor of Science, Architectural Engineering - Fairmont State University

### Affiliations/Certifications:

- Registered Architect - WV
- LEED Accredited Professional, Building Design & Construction - GBCI
- NCARB Certificate
- Construction Documents Technologist (CDT) - Construction
- Specifications Institute (CSI)
- Member - American Institute of Architects (AIA) - WV Chapter
- Member - United States Green Building Council (USGBC) - WV Chapter

### Related Experience Includes:

- Cohen Building Facility Assessment and Cost Estimate - Grafton, West Virginia
- Manos Theater Facility Assessment and Cost Estimate - Grafton, West Virginia
- Taylor County Courthouse Front Stair and Sidewalk Replacement - Grafton, West Virginia
- Montessori School Conceptual Design - New River Gorge Learning Cooperative - Fayetteville, West Virginia
- Lobby and Atrium Design for Beech Fork Lodge and Conference Center - Lavalette, West Virginia
- Proposed Lobby Design for Good News Mountaineer Garage - Charleston, West Virginia
- Lobby Design for BC Bank Interior Renovation - Philippi, West Virginia

# KENTON BLACKWOOD, ASSOC. AIA, LEED AP

## Lead Technical Designer

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Kenton Blackwood has more than 34 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 \$80 million of construction. He joined Thrasher in 2014 and serves as a Senior Designer and Project Manager within the Architecture Department. Mr. Blackwood 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, ADA/ Accessibility Design Standards, and WVDOE 6200 Policy. He has extensive experience with SBA funded projects and is familiar with the agency's Policy and Procedures and Quality/Performance Standards.

Mr. Blackwood 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 through a design, study different forms, lighting, color schemes and finishes to make revisions before the project begins.

### Education:

- West Virginia University – Engineering Technology Program
- Fairmont State University – Architectural Technology Program

### Affiliations/Certifications:

- American Institute of Architects - Associate, West Virginia and National Chapters (20+ Years)
- LEED Accredited Professional US Green Building Council

### Related Experience Includes:

- Veterans Square Plaza and Parking Garage (AIA Award Winner) - Marion County, West Virginia
- 4-H/Harrison County Recreation Center - Harrison County, West Virginia
- Boy Scouts of America Welcome Center - Fayette County, West Virginia
- Cottrill's Opera House - Tucker County, West Virginia
- SteppingStones Recreational Center at Mylan Park New Construction - Monongalia County, West Virginia
- New St. Marys High School and Athletic Facilities – Pleasants County, West Virginia
- Marshall County Veterans Memorial Plaza – Marshall County, West Virginia
- Gold Star Families Monuments (Woody Williams Foundation) 55 Locations nationwide
- Donel Kinnard Memorial State Veterans Cemetery – Kanawha County, West Virginia
- WVU Baseball Training Center – Monongalia County, West Virginia

# JEFF ROBERTS, ASSOC. AIA

## *Construction Estimator*

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Jeff Roberts is an Associate AIA in the state of West Virginia. He joined Thrasher in 2009 following graduation from Fairmont State University. Currently, Jeff serves as project manager and construction estimator. His experience on-site and working directly alongside Contractors has given him an great understanding of project estimating.

Jeff specializes in client communication, project organization and design details of all types of architectural buildings. He has expertise in CADD design programs related to architecture. As Project Manager, Jeff holds the responsibility for per-design work, client communication, construction document coordination, project scheduling, and construction administration.

### **Education:**

- Bachelor of Science, Architectural Engineering - Fairmont State University

### **Affiliations/Certifications:**

- Associate Member of AIA (American Institute of Architects)

### **Related Experience Includes:**

- Clarksburg Harrison Regional Housing Authority Duplex Projects - Harrison County, West Virginia
- Calhoun-Gilmer County Career Center Renovations Project- Calhoun County, West Virginia
- Marion County Health Department Renovations and Addition - Marion County, West Virginia
- Progress Centre II at White Oaks Business Park New Facility - Harrison County, West Virginia

# **BILL RATCLIFFE, REFP**

## *Construction Administrator*

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Bill Ratcliffe, REFP, joined the Thrasher team in 2016 and brings over 25 years experience to Thrasher's construction services and architectural divisions. Mr. Ratcliffe has spent the last 10 years of his career working as a construction administrator on both public and private projects. Bill also spent nearly 14 years of his career working for the West Virginia School Building Authority where he worked in educational facilities planning. This experience makes him a valued member of the Thrasher team.

Mr. Ratcliffe has built strong working relationships with countless regulatory and building entities all throughout the Mid-Atlantic region. These relationships and industry knowledge allow Mr. Ratcliffe to be a superb Project Manager and deliver accurate project oversight time and time again.

### **Education:**

- Regents Degree - West Virginia State University

### **Affiliations/Certifications:**

- Recognized Educational Facility Planner (REFP)

### **Related Experience:**

- Convention & Visitors Bureau Addition and Renovations - Jefferson County, West Virginia
- WV Public Service Commission Façade Replacement - Kanawha County, West Virginia
- Fairmont State University Janes Hall Renovations - Marion County, West Virginia
- WVU Robert C. Byrd Testing Center Renovations, Charleston Area Medical Center - Kanawha County, West Virginia
- Moorefield High School Addition and Renovations - Hardy County, West Virginia



# HARPER ENGINEERING, INC.

## *Mechanical, Electrical, and Plumbing*

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Harper Engineering was founded in 2008 to provide innovative engineering design services to architects, owners and contractors throughout the state. We are a unique combination of eager young talent and proven experience fused together to serve all of your building systems design needs including heating, cooling, plumbing, lighting, and electrical.

Harper's goal is to design optimized systems that meet all of our client's performance, energy use, and budgetary needs. The staff at Harper Engineering has a combined 80 years of experience working with clients in a variety of fields including but not limited to education, hospitals, offices, airports, manufacturing, and water treatment plants.

### **SERVICES:**

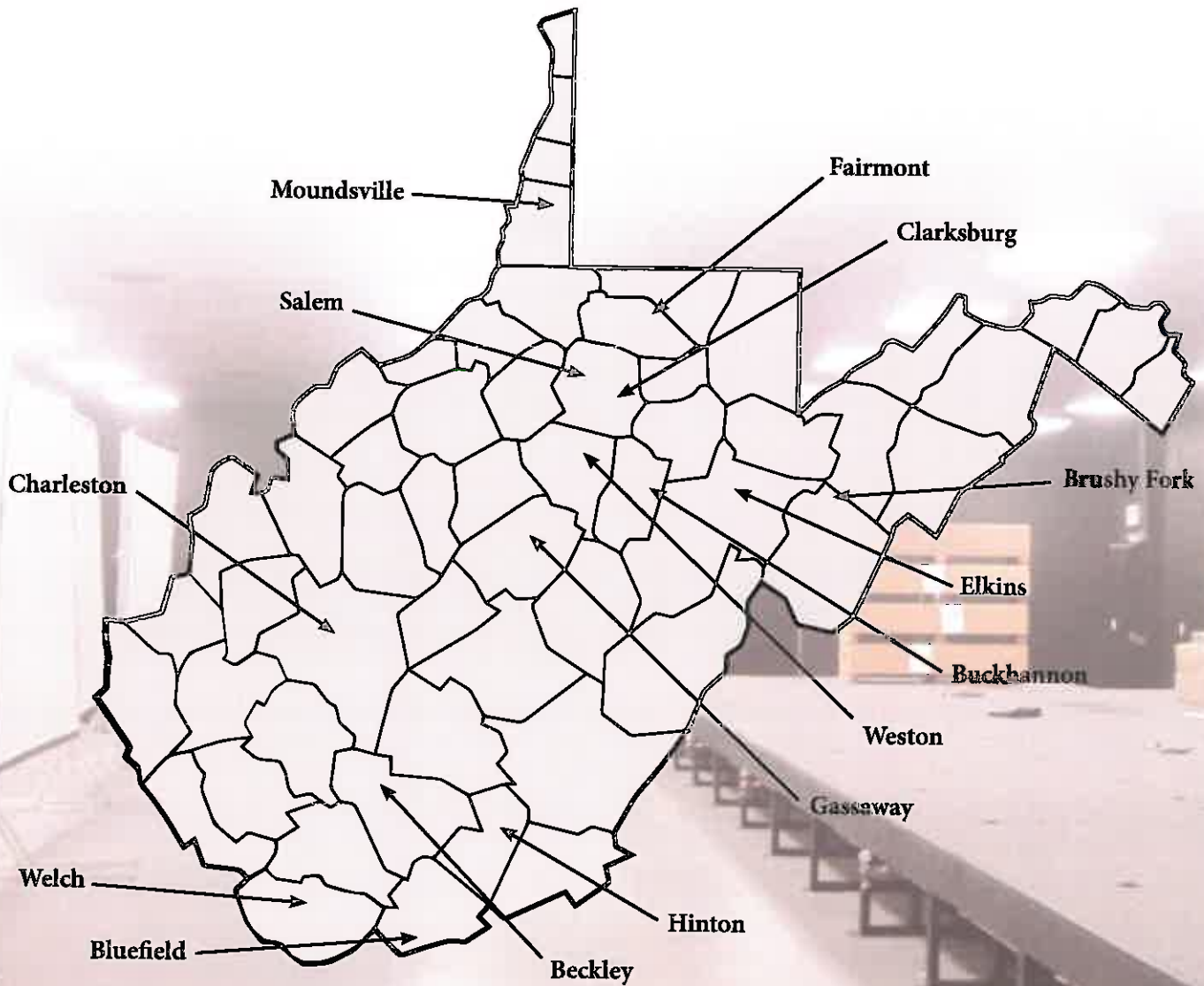
- HVAC design plumbing design
- Heating and cooling load calculations pipe sizing
- Ductwork sizing fixture selection
- Hydronic pipe sizing sprinkler design
- Equipment selection site utilities
- Electrical design drafting
- Specialized K-12 school design SBA policies 6200 standards
- Panel and switch gear selection project management
- Fire alarm
- Site utilities
- Emergency generators
- Security and communications
- Electrical load calculations specifications
- Lighting construction documents



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# THRASHER'S WVANG EXPERIENCE

While President of Gustafson & Associates, Inc., Lee Gustafson, a Thrasher In-House Architect, completed renovation projects for approximately one-third of the Army National Guard Armories throughout the state of West Virginia. The work performed primarily included structural evaluations and investigation of laminated wood beam apparatuses, restroom upgrades to meet ADA compliance codes, fire alarm and life safety work, as well as the addition of stairwells and bleachers at some of the facilities. The map below shows the Armories where Mr. Gustafson has already completed renovation projects:



# CITY OF KINGWOOD

## *Camp Dawson Utility Projects*

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Thrasher designed and inspected a series of utility projects for Camp Dawson, which included a potable water supply from the City of Kingwood, sanitary sewer service from Camp Dawson to the City of Kingwood, and a natural gas supply line to the Army National Guard Center on the Kingwood side of the Cheat River along Route 72.

These projects required all three supply lines crossing the Cheat River in the same general trench. Conduits were a 10" water line, 6" sanitary force main, and a 3" HDPE natural gas supply line.





# UNITED STATES MARINE CORPS

*Camp Upshur Marine Core Base - Quantico, VA*

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## **QUONSET STYLE BARRACKS:**

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



## **WAREHOUSE FACILITY:**

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





# UNITED STATES MARINE CORPS

*Camp Upshur Marine Core Base - Quantico, VA*

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## **BATH HOUSE:**

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



# UNITED STATES MARINE CORPS

*Camp Upshur Marine Core Base - Quantico, VA*

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## **INDOOR SIMULATED MARKSMANSHIP TRAINER BUILDING:**

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



### **CONTACT:**

Chris Bailey  
Clement Group  
913 South Perry Street  
Montgomery, AL 36104

### **KEY PROJECT STAFF:**

Lee Gustafson, AIA

Along with all of the building renovations there were complete building demolitions of 5 onsite buildings that were out dated and no longer used by the Marine Corps. As well paving for all existing streets and 2 existing parking lots and design and construction of 4 new parking lots to be used as staging, parking and training areas.

# BOY SCOUTS OF AMERICA

## *J.W. & Hazel Ruby West Virginia Welcome Center*

The Thrasher Group, Inc. designed the Boy Scouts of America, J.W. & Hazel Ruby West Virginia Welcome Center on the Summit Bechtel Reserve. The 10,000+ SF facility, houses restroom facilities, a gift shop, a large meeting space, and open exhibition space for showcasing the work and legacy of the Boy Scouts. In addition to the main building, Thrasher designed an additional restroom and parking facilities, and developed scenic trails just in time to host the Boy Scouts World Jamboree in 2017.



### **CONTACT:**

Boy Scouts of America  
2550 Jack Furst Drive  
Glen Jean, WV 25846  
(304) 465-2848

### **KEY PROJECT STAFF:**

Craig Baker, CFP  
Matt Breakey, AIA, LEED AP,  
NCARB  
Kenton Blackwood, LEED AP  
Josh Lyons, LEED AP O+M



# DOMINION RESOURCES, INC.

## *Dominion Headquarters - New Construction*

Thrasher completed the New Dominion Resources Facility which is a 129,000 SF new office complex, and is touted as the largest privately owned LEED accredited building in the state of West Virginia. The building was designed by the team at Thrasher and features green design technologies.

The four-story, 106,000-square-foot building is located on a 7.5-acre site in the White Oaks Business Park adjacent to Interstate 79. About 300 employees who worked in Clarksburg have moved into the building. Additional employees are anticipated as Dominion Transmission continues to expand its system through the addition of large new projects such as the proposed Atlantic Coast Pipeline.

For this project, Thrasher was responsible for architectural design, project management, schematic and final design, permitting, construction documentation, and construction oversight. The project also features landscape architectural design and interior design by the team at Thrasher.



### **CONTACT:**

Dominion Transmission  
Mr. Warren Green, Facilities  
Construction Project Manager  
925 White Oaks Blvd.  
Bridgeport, WV 26330  
(304) 669-4360

### **KEY PROJECT STAFF:**

Craig Baker, CEFP  
Chad Riley, PE  
Stacie Shevchuck  
Philip Freeman, AIA  
Ashley Shaver



# PLANET FITNESS

## *New Construction*

Thrasher Architecture has worked with multiple Planet Fitness facilities that operate across the East Coast and Mid-West; many of which are located in retail shopping centers. Our team has been working directly with owners to meet Planet Fitness brand standards, as well as to add unique and innovative design features specific to each client, community, and target user group.

These projects require our team to understand and comply with a set of defined standards, while also complementing the community areas in which each club is located.



### **CONTACT:**

Mr. David Lomasney

Planet Fitness

[dlomasney@planetfitnessgyms.com](mailto:dlomasney@planetfitnessgyms.com)

384-7504572

THRASHER

# RECENT AUXILIARY GYMNASIUM PROJECTS

## *Chapmanville Regional High School & Doddridge County High School*

Thrasher designed new auxiliary gymnasiums for both Chapmanville Regional and Doddridge County High Schools in West Virginia. Both of these new auxiliary gym projects included retractable bleachers, athletic wood floors striped for a main basketball court, and volleyball for competitive events, as well as a retractable basketball backstop at side courts for Physical Education.

Designed in accordance with WVSBA Quality Standards and WVDE 6200 Policy, these structures are concrete slab-on-grade with double-wythe masonry walls, steel joist and deck roofs. Insulation values and HVAC systems are compliant with ASHRAE 90.1.





# HARRISON COUNTY BOARD OF EDUCATION

## *High School Field Houses*

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### **Liberty High School Fieldhouse**

The project was the design and construction of a 5,500 square foot fieldhouse. The one story concrete masonry unit (CMU) walled unit includes roll up service doors and counter shutters. The structure houses two (2) team locker rooms, an officials' locker room, men's and women's restrooms, and the concession stand. Construction cost for this aspect totaled \$967,503.00.



### **South Harrison High School Fieldhouse**

The project was the design and construction of a 4,400 square foot masonry field house, weight room, and the associated site work. Included in this project was the demolition of the existing 6,000 square foot field house and press box. The demolition required Thrasher to remove the floor slab, below grade footings, foundations, and utilities.





# NATIONAL GUARD ARMORY PROJECT EXPERIENCE

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## **Fairmont, Marion County "Woody Williams" Armory**

- Structural Inspection – 34,370.00 SF
- ADA Compliance
- Fire Code Compliance
- Distance Learning Renovations
- Project Cost \$42,440.00

## **Clarksburg, Harrison County "Nathan Goff" Armory**

- Structural Inspection – 22,000 SF
- ADA Compliance
- Fire Code Compliance
- Project Cost \$174,450.00

## **Brush Fork, Mercer County Armory**

- Structural Inspection and Repairs
- Project Cost \$99,753.00

## **Welch, McDowell County Armory -28,562 SF**

- ADA and Fire Code Improvements
- Project Cost \$58,000.00

## **Moundsville, Marshall County Armory -23,562 SF**

- ADA and Fire Code Improvements
- New Lighting
- Project Cost \$47,323.00

## **Gassaway, Braxton County Armory**

- ADA and Fire Code Improvements
- Project Cost \$46,500.00

- |                              |   |
|------------------------------|---|
| • Beckley, Raleigh County    | Structural Inspection – No Repairs Required |
| • Buckhannon, Upshur County  | Lighting Evaluation – No Repairs Required   |
| • Charleston, Kanawha County | Structural Inspection – No Repairs Required |
| • Hinton, Summers County     | Structural Inspection – No Repairs Required |
| • Salem, Harrison County     | Structural Inspection – No Repairs Required |
| • Weston, Lewis County       | Structural Inspection and Repairs           |

# RECREATIONAL CENTER PROJECT EXPERIENCE





## ARCHITECTURE

Thrasher offers a broad range of architecture and building design services to suit the needs of each individual client. The team at Thrasher is sought after in a variety of markets: commercial and retail spaces, healthcare facilities, educational facilities, government buildings, banking and financial institutions, and industrial warehouses to name a few.

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

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

### ARCHITECTURAL EXPERTISE:

- Public and Private Office Buildings
- Healthcare Facilities
- Educational Facilities
- Financial Institutions
- Building Additions and Renovations
- Recreational Facilities
- Public Safety Buildings
- Single Family Residential Units
- Multiple Family Residential Units
- Historical Preservation
- LEED Certification





## INTERIOR DESIGN

Thrasher offers a broad range of interior design services to meet the needs of each project. Our interior design staff specializes in taking your space from average to spectacular. We take time to listen to our clients and learn what type of vision they have for their space. If visualization isn't your strong suit, our designers will come up with multiple schemes for you to choose from to ensure we give you a space you can be proud of.

Whether you prefer bright and bold or more traditional type finishes, our team is sure to come up with a design that works for you. All of our designs utilize environmentally friendly materials, but if you prefer to obtain LEED certification, our interior design team holds the esteemed LEED certified interiors accreditation. No matter whether your interior design needs are large or small, our team of professionals will be there to guide you every step of the way.

### INTERIOR DESIGN EXPERTISE:

- Tenant Fit-Outs
- Public and Private Office Buildings
- Healthcare Facilities
- Educational Facilities
- Financial Institutions
- Building Additions and Renovations
- Recreational Facilities
- Public Safety Buildings
- Single Family Residential Units
- Multiple Family Residential Units
- Historical Preservation
- LEED Certification



## **LEED CONSULTING**

We take sustainability very seriously. Thrasher recently completed the largest privately owned LEED building in the State. The new Dominion Transmission Headquarters building in Bridgeport has been certified by the USGBC as a LEED Gold project.

Not every project has the goal of achieving LEED status, but every project is an opportunity to utilize green building practices. Thrasher has developed, as a standard practice, a list of strategies that help reduce the environmental impact of a building's construction and eventual operation. The strategies we incorporate vary depending on a many considerations, but they have included the following;

- Energy efficient fixtures and equipment (Daylighting, LED lighting, "Electronic Shut down" policies)
- Water consumption reduction (Low flow/waterless fixtures, Native/Adaptive plants for landscaping)
- Landscaping (Utilizing proper vegetation (deciduous/evergreen) to allow direct sun light in winter and shade in the summer.)
- Heat Island reduction (Low SRI's, Green Roofs, Shaded Parking Areas, Green Space)
- Low Pollution construction zones (Silt fencing, Site Maintenance, Retention ponds)
- Storm water Quantity/Quality control (Bio-Swales, Rain gardens, Permeable Paving, Wetlands)
- Recognition of Renewable energy (Wind, Solar, Geo-thermal)
- Material & Resources (Recycled, local, low VOC, rapidly renewable)
- Light Pollution Reduction (Site light shielding, Light Trespass reduction)
- Site Development (Protect & Restore Habitat)
- Construction pollution prevention (Team ensure proper measures are taken to reduce environmental impact)
- Exceeding energy codes set by ASHRAE Standard 90.1
- Building Orientation (Maximize natural daylighting yet maintain the Solar heat gain)
- Optional Commissioning (Ensures building mechanical systems run at optimum efficiency)

## **LANDSCAPE ARCHITECTURE**

Landscape Architecture at Thrasher involves the design of the outdoor environment on a variety of scales from large, multi-functional sites to small, confined spaces. Innovative research in materials, lifestyles, and landscape technologies coupled with a deep understanding of how people use outdoor spaces informs our unique design process. We strive to surpass our clients expectations with functional, aesthetic, and exciting designs with a sensitivity to every project's unique budget.

With a diverse background throughout the Mid-Atlantic region we excel at providing client-specific and site-specific planning and design solutions. Thrasher's Landscape Architects have the expertise to guide you smoothly from concept through construction.

### **LANDSCAPE ARCHITECTURE SERVICES:**

- Commercial, Industrial, & Residential Master Planning
- Community Planning and Design Guidelines
- Hotels and Resorts
- Memorial Gardens
- Pedestrian, Bike, & ATV Trails and Facilities
- Streetscape
- Passive & Active Recreational Facilities
- Playgrounds
- Landscape Design
- 3D Modeling / Visualization
- Project Marketing Services





## ENVIRONMENTAL SERVICES

In today's ever-changing regulatory landscape, compliance with federal and state environmental laws is critical to the success of projects. Compliance can often seem at odds with the project vision and financial constraints. The Thrasher team partners as a technical and regulatory advocate to overcome obstacles and guide our clients through complicated policies to achieve their goals.

From initial investigations to final design, our environmental experts are there to assist in all facets of our clients' projects. Our team has developed relationships with academic consultants from multiple universities that are here to aid in specialized assessments.

### ENVIRONMENTAL SERVICES

- All Appropriate Inquiry (AAI)
- Environmental Site Assessments
- NEPA Compliance for Publicly Funded Projects (CATEX, EA, EIS)
- Ecological Studies
- Brownfield Redevelopment
- Industrial Hygiene and Demolition Planning
- Underground Storage Tank (UST) Consulting Services
- Wetland Delineation, Design, and Mitigation
- Remediation Investigation and Feasibility Studies, Alternatives, and Design
- Hydrogeologic and Geologic Investigations
- Groundwater Monitoring
- Sampling and Laboratory Analysis
- Solid and Hazardous Waste Management
- SPCC, GPP, SWPPP, GWPP, SWPPP Environmental Compliance Plans
- Stream Assessments, Design, and Mitigation
- Erosion and Sediment Control Plans
- Voluntary Remediation Program
- Uniform Environmental Covenants Act
- CERCLA Preliminary Assessment
- CERCLA Site Investigation

## **CIVIL ENGINEERING**

### **WATER TREATMENT & DISTRIBUTION SOLUTIONS**

Thrasher brings experience, practical knowledge and advanced technology to clients ranging from small communities to regional water systems. Our engineers have designed and managed the construction of hundreds of miles of water distribution lines, millions of gallons of storage and numerous system rehabilitations that successfully reduced water loss and increased reliability.

### **WASTEWATER COLLECTION & TREATMENT**

Wastewater collection and treatment is vital to the health of rural communities and municipalities. Environmental, technological and cost-versus-benefit issues are all involved – and call for both experience and a strong understanding of all facets of wastewater systems.

### **STORM WATER SYSTEMS**

Thrasher is prepared to take on the challenge to make your storm water management project a success. In the not so distant past, storm water management was not a significant issue. It was “out of sight, out of mind.” That is no longer the case. Ever-increasing regulations, the creation of public storm water utilities, and the focus on downstream effects of development are pushing storm water management issues to the forefront.

### **SITE DEVELOPMENT**

Engineering for site development is far from a “one size fits all” approach. Every project is unique. It requires a blend of technical expertise, combined with quality planning principles, efficient design, market realities, and flexibility to seize opportunities. With our diverse staff, Thrasher has the right blend of talent to make your project a success.

### **ROADWAYS & BRIDGES**

From industries to local families, the nation depends on the strength of highways, bridges and even pedestrian walkways. No matter what the mode of land transportation, Thrasher gets our clients where they want to be.



## **CONSTRUCTION MANAGEMENT AND MONITORING**

Effective management of our projects ensures that both clients and contractors work in an efficient and safe manner. From pre-construction activities such as bid conferences and surveys, to inspections, job progress reviews, and on through final completion, our goal is work that proceeds in accordance with plans and specifications.

At Thrasher, we inspect and manage a wide variety of projects designed by our firm in addition to projects for contractors and other designers. We have certified project representatives responsible for overseeing every element of design integrity. Our methods have earned the respect of not only our clients, but contractors and project owners alike.

### **CONSTRUCTION INSPECTION SERVICES:**

- Construction Materials
- Pipelines
- Structural Steel and Concrete
- Paving
- Drainage
- Embankments
- Work Zone Safety and Traffic Control
- Erosion and Soil Control

### **QUALITY CONTROL AND ASSURANCE METHODS:**

- Regularly Scheduled Planning and Progress Meetings
- Engineering During Construction
- Daily Logs and Progress Sheets
- Cut Sheets
- Quantity Tracking





## **SURVEY AND MAPPING SERVICES**

Thrasher employs one of the largest survey departments in the Mid-Atlantic region and offers a wide range of land surveying and related services for federal, state, and private clients. We are committed to evolving our techniques and equipment to best serve our clients and their growing needs.

At Thrasher, we are able to provide both surveying and engineering services which provide a distinct advantage over survey-only companies. The combination of these two services provide our surveyors with a better understanding of what engineers and architects require to develop an appropriate design for different types of projects. Our field and survey personnel offer extensive experience, certified training, and flexibility to meet our clients' unique project schedules.

### **SURVEY SERVICES**

- Large-Scale Boundary Work
- Topographic Survey and Mapping
- ALTA/ACSM Survey and Mapping
- Lake and River Soundings
- Accident Reconstruction Survey and Mapping
- Expert Witness Testimony
- Construction Layout
- Permanent Project GPS Base Stations
- Building Control and Layout
- Road/Bridge Alignment and Staking
- Sewer/Water/Pipeline
- Site Layout
- Quality Assurance Surveying
- Volume/Quantity Surveys
- As-Built Surveys

### **GPS SURVEYS**

- Geodetic Control Networks
- Ground Control for Aerial Mapping
- Telecommunications
- FAA 1A and 2C Letters

### **ROUTE LOCATION SURVEYS**

- Transmission Lines
- Natural Gas Pipelines
- Wind Turbine
- Roadway, Railway and Rec Trails

### **COAL & ENERGY SURVEYS**

- Pre and Post Mining Blast Surveys
- Water Quality Monitoring Plan
- Construction Layout
- Emergency Control Survey/Plans

## **MATERIALS TESTING**

At Thrasher, we inspect and manage a wide variety of projects designed by our firm in addition to projects for contractors and other designers. We have certified project representatives responsible for overseeing every element of design integrity. From pre-construction activities such as bid conferences and surveys, to inspections, job progress reviews, and on through final completion, our goal is work that proceeds in accordance with plans and specifications.

Thrasher's Construction Services Division is capable of performing a wide range of field and laboratory tests. Our laboratory is nationally AMRL & CCRL certified to perform in-depth testing for a variety of clientele. All of our labs serve as resources for our engineers and project representatives who perform tests both in the field and in the lab to best serve our clients needs.

The Thrasher team possesses expertise in every facet of material and laboratory testing and are trained to industry standards in these disciplines. We pride ourselves on being a partner in projects and providing excellent service and testing results.

### **MATERIALS TESTING & LABORATORY EXPERTISE**

- Concrete testing and inspection
- Soil testing and inspection
- Aggregate testing and inspection
- Mortar and grout
- Steel, Welds, and Rebar Inspection
- Asphalt
- Paint Coatings
- Sprayed-on fireproofing
- Subsidence testing
- Caisson and piling inspection
- Engineering during construction
- Regularly scheduled progress meetings
- Daily logs and progress sheets
- Digital photo logs
- Cut sheets
- Quantity tracking

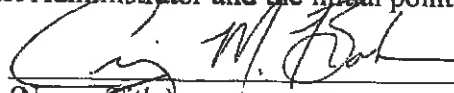
**MS. WARREN GREEN**  
***FACILITIES PROJECT COOR.***  
DOMINION  
445 W. MAIN STREET  
CLARKSBURG, WV 26301  
304-669-4360

**MR. LLOYD WHITE**  
***CITY MANAGER***  
MARION CO. HEALTH DEPT.  
300 2ND STREET  
FAIRMONT, WV 26554  
304-366-3360

**SENATOR BROOKS McCABE**  
***SENIOR MANAGING DIRECTOR***  
NAI COMMERCIAL REAL ESTATE  
619 CHURCH STREET  
CHARLESTON, WV 26551  
304-872-5758



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



(Name, Title)

Craig Baker, CEFP - Project Manager

(Printed Name and Title)

600 White Oaks Blvd. Bridgeport, WV 26330

(Address)

(304) 624-4108 - (304) 624-7831

(Phone Number) / (Fax Number)

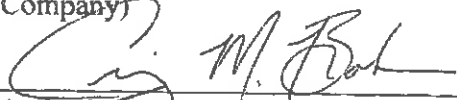
cbaker@thethrashergroup.com

(email address)

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

The Thrasher Group, Inc.

(Company)



(Authorized Signature) (Representative Name, Title)

Craig Baker, CEFP - Project Manager

(Printed Name and Title of Authorized Representative)

8/10/2017

(Date)

(304) 624-4108 - (304) 624-7831

(Phone Number) (Fax Number)

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CE01 ADJ180000001**

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

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

**Addendum Numbers Received:**

*(Check the box next to each addendum received)*

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

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

The Thrasher Group, Inc.

Company \_\_\_\_\_

  
Authorized Signature \_\_\_\_\_

8/10/2017

Date \_\_\_\_\_

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

STATE OF WEST VIRGINIA  
Purchasing Division

# PURCHASING AFFIDAVIT

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

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

**DEFINITIONS:**

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

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

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

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

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: The Thrasher Group, Inc.

Authorized Signature: [Signature] Date: 8/11/17

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 11 day of August, 2017.

My Commission expires May 4<sup>th</sup>, 2021.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]  
Purchasing Affidavit (Revised 08/01/2015)