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WV PURCHASING
DIVISION

June 12, 2019

Attn: Melissa Pettrey, Senior Buyer
2019 Washington Street, East
Charleston, WV 25305
melissa.k.pettrey@wv.gov

RE: Architectural and Engineering Services for the East Campus Assessment & Metal Building Design

Dear members of the selection committee:

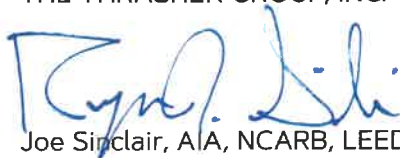
The Thrasher Group, Inc. is pleased to present our qualifications to the West Virginia Purchasing Division for architectural and engineering services for various new facilities on the eastern perimeter of the WV State Capitol Complex. As a Project Architect and Project Manager in our Charleston office, I will be your main point of contact responsible for the communication and management of operations through the entirety of this project. I am familiar with the area and have managed several successful projects with a similar scope.

Our proven track record as a company show that we care about our clients, their projects, and most importantly their communities. Our staff has the expertise and knowledge to perform various types of work in an accurate and professional manner. No project is too large or too small for our firm. Per the request for Statements of Qualifications, please find enclosed the response for various services we offer.

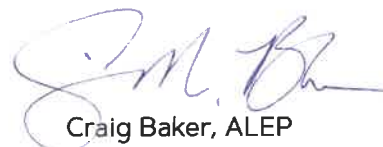
Thrasher has developed a quality reputation and a list of satisfied customers for 36 years. We believe that you will find our team is technically knowledgeable and ready to deliver a successful project. We are currently working with several public and private entities and know that our team can provide the services you need.

We look forward to working on these projects to provide you the responsiveness, cost effectiveness, and professionalism the State Capitol deserves.

Sincerely,
THE THRASHER GROUP, INC.

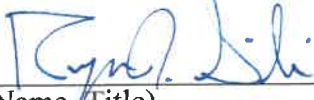


Joe Sinclair, AIA, NCARB, LEED AP BD+C, CDT
Project Manager/Architect



Craig Baker, ALEP
Architectural Division Manager

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)
Joe Sinclair, AIA, NCARB, LEED AP BD+C, CDT - Project Manager

(Printed Name and Title)
300 Association Drive, Charleston, WV 25311

(Address)
304-518-9304 / 304-343-7604

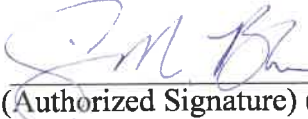
(Phone Number) / (Fax Number)
jsinclair@thethrashergroup.com

(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)

 Craig Baker, ALEP - Principal

(Authorized Signature) (Representative Name, Title)

Craig Baker, ALEP - Principal

(Printed Name and Title of Authorized Representative)

June 12, 2019

(Date)

304-326-6388 / 304-624-7831

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: AEOI DNR19*12

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)

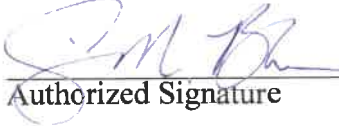
- Addendum No. 1
- Addendum No. 2
- Addendum No. 3
- Addendum No. 4
- Addendum No. 5

- Addendum No. 6
- Addendum No. 7
- Addendum No. 8
- Addendum No. 9
- 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

June 12, 2019

Date

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: GSD190000011

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

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

Addendum Numbers Received:

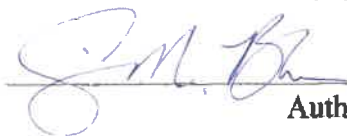
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
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The Thrasher Group, Inc.

Company



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June 12, 2019

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Revised 6/8/2012

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: The Thrasher Group, Inc.

Authorized Signature: [Signature] Date: June 12, 2019

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 12th day of June, 2019.

My Commission expires September 17, 2023.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

MISSION

To improve the communities where we live and work by driving infrastructure development.

CORE PRINCIPLES

Quality
Safety
Adaptability
Integrity



9

OFFICES

in six states:

West Virginia
Virginia
Pennsylvania
Ohio
Maryland
Kentucky



580

EMPLOYEES

- 35** Licensed Professional Engineers
- 20** Licensed Professional Surveyors
- 6** Licensed Professional Architects
- 4** Licensed Professional Landscape Architects



35

YEARS

of delivering successful projects

Main Point of Contact

Joe Sinclair, AIA
NCARB, LEED AP BD+C, CDT
Project Manager
jsinclair@thethrashergroup.com
Cell: 304-518-9304
Office: 304-343-7601

The diverse skill sets of Thrasher employees work together to bring our clients' visions to life. Our team will work side-by-side with you to help determine and understand your needs and create a beautiful, functional space.



ARCHITECTURE

Thrasher offers a broad range of architecture and building design services to suit the needs of each individual client. Our approach to understand our clients' goals and challenges makes us sought after in a variety of markets: educational facilities, commercial and retail spaces, healthcare 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 to develop 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 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 their vision for the 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 of which you can be proud.

Whether you prefer bright and bold or more traditional 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



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

We understand your goals for the various facilities within the Capitol Complex project and will handle them in the following manner:

GOAL/OBJECTIVE 1

The Thrasher Group will review the existing Capitol Campus and evaluate the project site. We will work to determine a plan that can be implemented realistically and will meet all objectives in a manner that will minimize disruption and meet all objectives.

GOAL/OBJECTIVE 2

We are confident that Thrasher can provide all of the necessary services to provide architecture and engineering services for the redesign of the existing land parcel. We will keep all designs consistent with the surrounding facilities needs and objectives while adhering to all applicable codes and laws, as well as the project budget. Our designers have extensive experience with structural steel buildings design as well as multi-facility complex projects.

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.

GOAL/OBJECTIVE 4

Our team will provide assessment and subsequent design services, for the purposes of regrading and greening parking areas within the revised map provided. We will help you maximize available parking area within the site map by reviewing the existing building access.

PROJECT APPROACH



Thrasher will conduct design review meetings with your team at each phase of the process, making sure we are keeping with the overall intention of the project(s). As the design progresses, our construction estimator will provide a construction cost estimate for each phase to ensure the project is staying within budget.

General steps as outlined in the EOI for project management is as follows:

- 1. Kickoff/Programming Meeting** – We will conduct an on-site meeting with your team to discuss specific project requirements, overall goals, and preliminary budget.
- 2. Building Program** – Our team will expand upon the Project Description laid out in the Request for Proposal and work with you to develop a more detailed program which will generally include:
 - Square footage requirements
 - MEP requirements
 - Detailed list of amenities
 - Spatial adjacency requirements
 - Finish requirements
- 3. Conceptual Design Phase** – Our team will take the developed program and provide multiple conceptual design iterations for review and comment. Deliverables generally included as part of this phase are:
 - Floor plans
 - Interior and exterior 3d renderings
 - Conceptual finishes
 - Preliminary furnishing layout
- 4. Schematic Design** – Upon approval of a conceptual design, our team will begin refining the overall design and layout of the facility and the site.
- 5. Design Development** – As the project moves beyond the schematic design phase we will start to incorporate structural and MEP systems into the design and focus on details at areas of high importance.
- 6. Construction Documents** – Our team will produce detailed bid-level construction documents.
- 7. Bidding** – Thrasher will develop all documents required for the project to be publicly bid and will perform the necessary tasks involved.
- 8. Construction Administration** – Thrasher will provide construction administration throughout the duration of the construction phase.

Thrasher utilizes a Project Manager-driven methodology to ensure clear, open lines of communication between our Project Managers and clientele.

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

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

Communication During Design

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

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

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

Communication During Construction

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

Additionally, Thrasher will conduct monthly progress meetings with the contractor, the Owner, and key project stakeholders throughout the duration of the project. Meeting minutes will be distributed to all attendees and any other agents identified by the Owner. Action items will be documented within the meeting minutes.

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

Scheduling:

Thrasher realizes the importance of establishing and maintaining project schedules. Time means money and making sure we help you spend your money wisely is our number one goal. Because of this, our team puts an emphasis on ensuring project timetables are met and communication is upheld throughout the process.

To accomplish these goals, Thrasher utilizes scheduling to track every stage of a project - from design and bidding through construction completion. We also require contractors working on our projects to regularly update their project schedules and give a detailed progress report at each job meeting, again focusing on the communication component of scheduling. This helps to ensure all parties are informed and aware of potential delays. Keeping our owners up to speed with progress is always our priority and ensures occupancy and owner supplied equipment are scheduled accordingly.

Budgeting:

Construction estimating and budgeting is the most important part of what Thrasher can provide you. Without accurate budgets, there is no tool to guide the design process and issues will be inevitable. By including cost estimating as a part of the project scope from day one, we are able to avoid issues before they arise and keep your project within a reasonable cost.

And our estimates go beyond the typical system - rather than simply providing cost per foot or lump sum price, Thrasher will provide contractor-grade estimates that look at every part of the project. We do detailed take-offs of materials and look at every man hour needed to complete a project and factor this in accordingly. Then , we use our thorough understanding of the local market and material costs to accurately design within your budget.



KEY PERSONNEL



WEST VIRGINIA DIVISION OF NATURAL RESOURCES

Craig Baker, ALEP
Architecture Division Manager

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

Amanda Chevront, AIA, NCARB
Project Architect

Robert Milne, PE
Site Engineer

Christopher White, PE
Structural Engineer

Caitlyn Preast, EI
Site Engineer

Shawn Kelly, PE
Project Engineer

Bill Ratcliffe, REFP
Construction Contract
Administrator

Jim Decker, MBA
Construction Estimator

Allegheny Design Services
MEP Consultant

OTHER THRASHER IN-HOUSE SERVICES

Survey Services

Construction Services

Environmental Services

CRAIG BAKER, ALEP

Architecture Division Manager



Education

Bachelor of Science,
Architectural Engineering
Fairmont State University

Advanced Certificate,
Educational Facilities Planning
San Diego State University

Affiliations

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

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

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

As manager of Thrasher's Architectural Division, 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

Upshur County Development Authority Innovation Center

Role: Principal

- > Upshur County, WV

Lumberport Volunteer Fire Department

Role: Principal

- > Harrison County, WV

Spelter Volunteer Fire Department Project

Role: Principal

- > Harrison County, WV

Doddridge County Bus Garage New Facility

Role: Principal

- > Doddridge County, WV

City of White Sulphur Springs New Maintenance Facility

Role: Principal

- > Greenbrier County, WV

Dominion Goshen Road New Facility

Role: Principal

- > Monongalia County, WV

JOE SINCLAIR, AIA, LEED AP, NCARB, CDT

Project Manager and Project Architect



Education

Master of Architecture,
Savannah College of Art &
Design

Bachelor of Science,
Architectural Engineering
Fairmont State University

Registrations

Professional Architect:
> West Virginia
> Virginia

Affiliations

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

Joe brings more than 10 years of architectural experience in all phases of design ranging from commercial renovations, additions, and new construction to historic preservation and multi- and single-family residential projects. Joe's resume is built with architectural experience from Savannah, GA; Atlanta, GA; Charleston, WV; and North Central West Virginia. Joe joined the Thrasher team in 2017.

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

Experience

Boy Scouts of America Dining Hall and Bunkhouse

Role: Project Architect/
Manager
> Fayette County, WV

WV Division of Weights and Measures HVAC & Envelope Retrofit

Role: Project Architect
> Kanawha County, WV

WV State Building 23 Evaluation

Role: Project Architect
> Raleigh County, WV

Central West Virginia Regional Airport Authority Yeager Airport Rental Counter Renovations

Role: Project Architect
> Kanawha County, WV

Cohen Building Facility Assessment and Cost Estimate

Role: Project Architect
> Taylor County, WV

G.C. Murphy Building Facility Assessment and Cost Estimate

Role: Project Architect/
Manager
> Nicholas County, WV

Design of the Beech Fork Lodge and Conference Center

Role: Project Architect
> Wayne County, WV

Design of Prince Edward Square Residential/Retail Mixed-use

Role: Project Manager
> Fredericksburg, VA

Project Manager

The West Virginia Board of Architects

certifies that

RYAN JOSEPH SINCLAIR

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2019.



A handwritten signature in cursive script, reading "Emily Papadopoulos", on a light-colored rectangular background.

Board Administrator

AMANDA CHEVRONT, AIA, NCARB

Project Architect



Amanda Chevront, 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 make her a great manager and a powerful addition to any team.

Education

Master of Science,
Architecture
University of North Carolina at
Charlotte

Bachelor of Science,
Architectural Engineering
Fairmont State University

Registrations

Professional Architect:
> West Virginia

NCARB Certificate

Affiliations

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

Experience

Oak Hill High School Additions and Renovations

Role: Project Manager/
Architect

- > Fayette County, WV

Cabell County Career Technology Center and Spring Hill Elementary Renovations

Role: Project Manager/
Architect

- > Cabell County, WV

Ritchie County Middle/High School Renovations

Role: Project Manager/
Architect

- > Ritchie County, WV

Southside Elementary School Additions and Renovations

Role: Project Manager/
Architect

- > Cabell County, WV

Wayne High School Additions and Renovations

Role: Project Manager/
Architect

- > Wayne County, WV

Barboursville Middle School Additions and Renovations

Role: Project Manager/
Architect

- > Cabell County, WV

Project Architect

The West Virginia Board of Architects

certifies that

AMANDA JO CHEUVRONT

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2019.



A handwritten signature in cursive script, reading "Emily Papadopoulos", written on a light-colored rectangular background.

Board Administrator

ROBERT MILNE, PE

Site Engineer



Robert Milne, PE has over 25 years of experience working with both public and private clientele throughout the Mid-Atlantic region to develop millions of dollars' worth of commercial, industrial, residential, and mixed-use sites. Rob's in-depth understanding of site layout, design, permitting, and funding have enabled him to complete several complex projects that have boosted economic development and delivered safe, sustainable building sites. Rob remains involved with every facet of the projects he manages - overseeing design standards, staff assignments, project schedules, and client communication.

Education

Master of Science,
Civil Engineering
West Virginia University

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Pennsylvania
- > Virginia
- > Ohio
- > Maryland

Experience

Rockwool Manufacturing Facility

Role: Project Manager
> Jefferson County, WV

Berne M&R Station

Role: Principal-In-Charge and
Project Manager
> Monroe County, OH

City of Beckley New Police Station

Role: Task Leader Site/Civil
> Raleigh County, WV

Morgantown Event Center and Garage

Role: Project Manager
> Monongalia County, WV

America's Best Block Industrial Park

Role: Project Manager
> Mineral County, WV

The Dayton Mixed-Use Residential Housing Structure

Role: Project Manager
> Monongalia County, WV

Fayette County 911 Center

Role: Project Manager
> Fayette County, WV

New Northside Fire Station

Role: Project Manager
> Monongalia County, WV

USDA Design/Build

Role: QA/QC Reviewer
> Monongalia County, WV

WestRidge Commercial and Retail Development

Role: Project Manager
> Monongalia County, WV

ROBERT MILNE, PE

Site Engineer

**West Virginia State Board of Registration
for Professional Engineers****ROBERT R. MILNE**
WV [REDACTED]

This is to certify that the above named **PROFESSIONAL ENGINEER** has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES December 31, 2018

CHRISTOPHER WHITE, PE

Structural Engineer



Education

Bachelor of Science,
Civil Engineering
Columbia University

Bachelor of Art,
Mathematics
College of the Holy Cross

Registrations

Professional Engineer:

- > West Virginia
- > Kentucky
- > Colorado

Certifications

- > Aboveground Tank System
Inspector
- > STI Standard SP001

Mr. White's ten-year civil structural engineering career has been built around the successful design, execution, and completion of construction mega projects. Mr. White has contributed to teams designing bridge and tunnel projects in New York City, lead teams constructing a chemical demilitarization plant in Kentucky, and has been the lead structural designer for industrial and commercial buildings.

Mr. White has been responsible for structural design and stress analysis, using Tekla Structural Designer, Tekla Tedds, and RISA software. He has performed quality control and quality assurance of project design drawings, answered RFI's, and approved shop drawing submittals. He has managed document control and communicated with subcontractors. Mr. White brings his demonstrated leadership ability and technical competency to the Thrasher Group where he will be involved in the design, analysis, and evaluation of new and existing buildings.

Experience

Turfland Surgery Center Single story medical clinic

Role: Structural Engineer
> Fayette County, KY

Metalsa Manufacturing Expansion to existing facility

Role: Structural Engineer
> Hardin County, KY

Logistics Solutions

Warehouse addition

Role: Structural Engineer
> Hardin County, KY

Murakami Manufacturing Pre-engineered metal building addition to existing manufacturing facility

Role: Structural Engineer
> Taylor County, KY

JIM DECKER, MBA

Construction Estimator



Education

Master of Business Administration,
Project Management Emphasis
Fairmont State University

Bachelor of Science,
Civil Engineering
Fairmont State University

Associates Degree,
Mechanical Engineering
Fairmont State University

Registrations

General Contractor:
> West Virginia

Affiliations

> Leadership Marion County
> Leadership Fairmont State University

Jim Decker, MBA brings over 25 years of experience in construction estimating and management for the private and public sectors. He provides services with inspections, site monitoring, cost control, schedules, contract administration, payment processing, shop and coordination drawings, change orders and project reports.

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

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

Experience

Upshur County Development Authority Innovation Center

Role: Construction Estimator
> Upshur County, WV

Dominion Goshen Road New Facility

Role: Construction Estimator
> Monongalia County, WV

Dominion Natrium Plant Processing Facility Additions

Role: Construction Estimator
> Monongalia County, WV

White Oaks Business Park Development

Role: Construction Estimator
> Harrison County, WV

Marion County Health Department Renovations

Role: Construction Administrator
> Marion County, WV

Cheat Lake Elementary School New Construction

Role: Construction Estimator
> Monongalia County, WV

CAITLYN PREAST, EI

Site Engineer



Education

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

Registrations

Engineering Intern:
> West Virginia

Affiliations

> Leadership Logan County,
WV
> American Society of Civil
Engineers

Caitlyn Preast, EI is a 2013 West Virginia University Institute of Technology graduate with a Bachelor of Science degree in Civil Engineering. While specializing in site development, she has also been involved in utility systems and architectural projects. She joined Thrasher with practical experience as a professional engineering intern in the Facility Asset Management Department of Walt Disney Parks and Resorts. With Thrasher, Caitlyn serves as a Project Engineer and has developed specific expertise supporting the development and implementation of source water protection plans, capital improvement plans and water and sewer system improvements.

In her role as a Project Engineer, Caitlyn's attention to detail for submittal reviews makes her a key member of any team. Her skills with AutoCAD Civil 3D to assist site development grading, utility layouts and designs, and erosion and sediment control measures provide value to any project, as well as her proficiency in construction administration and project scheduling.

Caitlyn has a natural ability to communicate effectively with clients. Her enthusiasm for positively affecting communities has helped advance her clients' projects and gain support amongst key stakeholders.

Experience

City of Beckley New Police Station

Role: Site Engineer
> Raleigh County, WV

City of Beckley Fire Department

Role: Project Engineer
> Raleigh County, WV

WV DNR Elk River Access Sites (currently in design)

Role: Project Engineer
> Kanawha County, WV

Logan County DOH Headquarters (currently in design)

Role: Project Engineer
> Logan County, WV

WVU Beckley Parking Lot

Role: Project Engineer
> Raleigh County, WV

Charleston Astorg Auto Dealership Renovation

Role: Site Engineer
> Kanawha County, WV

SHAWN KELLY, PE

Project Engineer



Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:
> West Virginia
> Virginia
> Kentucky

Shawn Kelly, PE, brings over 14 years of experience to the Site Development Division. His knowledge of site development has taken him across the State of West Virginia working for both public and private clients. Shawn's understanding of drainage calculating, stormwater management plans and site development planning, have helped improve various places in the state.

Since joining Thrasher, Shawn has played a large part with the Boy Scouts of America project. He has provided assistance with site design of various buildings and roadway drainage for the roads around the complex. Shawn's ability to work on projects both large and small is why he is a reliable engineer for Thrasher's Site Development Division.

Experience

Boy Scouts of America Bunkhouse and Dining Hall Site Design

Role: Project Engineer
> Fayette County, WV

WVU Medicine Building Site Design

Role: Project Engineer
> Greene County, PA

Pad 1A4 in Westridge Commercial and Retail Development

Role: Project Engineer
> Monongalia County, WV

Boy Scouts of America JW Marriott JR Leadership Center Roadway Drainage

Role: Staff Engineer
> Fayette County, WV

Upshur County Industrial Park Drainage Calculations

Role: Staff Engineer
> Upshur County, WV

Corridor H Kerens to US 219 Connector Design Build

Role: Staff Engineer
> Randolph County, WV

MEP Sub-consultant

Allegheny Design Services (ADS) provides Structural & MEP facility engineering design services to architects, industrial and commercial contractors, and owners.

ADS's engineering has established itself as the leading multi-discipline engineering firm in West Virginia. Our reputation for responsiveness, competence, creativity and value is well-known.

We understand that engineering is not a stand-alone function, but a part of the design effort of the architect and other consultants. Our job doesn't stop at the delivery of construction drawings. Understanding the construction process is as important. ADS is the link between the architects creativity and the efficient construction of the project.

Structural Services:

ADS works closely with architects and contractors to provide the engineering support that turn their vision into reality.

The large expanses and dynamic visual cues of modern architectural design often require unique engineering solutions to maintain structural integrity while providing the vision the architect wants to achieve. Allegheny Design Services are the link between the architect's design, the contractor's finished structure, and the owner's satisfaction.

Experience with Thrasher

Upshur County Development Authority Innovation Center

Role: MEP

> Upshur County, WV

City of Beckley New Police Station

Role: MEP & Structural Engineer

> Raleigh County, WV

Dominion Resources New Headquarter Facility

Role: MEP Engineer

> Harrison County, WV

Greater Bridgeport Convention and Visitors Bureau

Role: MEP & Structural Engineer

> Harrison County, WV

Morgantown Event Center Parking Garage

Role: Structural Engineer

> Monongalia County, WV

The Thrasher Group Headquarter Facility

Role: MEP & Structural Engineer

> Harrison County, WV

Antero Resources Campus Buildings

Role: MEP & Structural Engineer

> Harrison County, WV

PROJECT EXPERIENCE

New Leppo Rents Facility

Client Contact:

Leppo Rents
 Mr. Dan Lebeau - Vice President
 176 West Avenue | Tallmadge, OH 44278
 330-630-6581
 bobcatdanny@leppos.com

Design-Build and Construction Observation / Materials Testing Services

Thrasher was the design and permitting side of the new Leppo Rents - Youngstown Store. The new Commercial/Industrial facility included 15,750 square feet of showroom, office, and maintenance facility. Thrasher's role was to coordinate the design team, obtain the respective permits, and coordinate with R. G. Smith, the general contractor. The Owner and R. G. Smith met during the design part of the project. Once the plans were approximately 40% complete, R. G. Smith was able to provide a price proposal to the Owner. While the negotiation proceeded, Thrasher continued with the design to be able to submit for building permits and regulatory approvals. Once the price proposal was found to be acceptable, the design team proceeded to complete the design and obtain permits:

- Zoning Permit and Variances
- Water and Sanitary Sewer Permits
- Road Access Permit
- Stormwater Permit
- Building Foundation, Envelope, Structure, Electrical, Plumbing, and Heating Permits

Once the clearing, grubbing, and erosion control elements were installed, Thrasher remained on site to provide daily coordination, construction inspection, and materials testing services. This allowed the Owners to concentrate on day-to-day activities, while Thrasher monitored improvements and provided the assurance that the material being used met the project specifications.

The typical tests Thrasher provided on these sites included:

- > **Sub-grade Compaction**
 - Nuclear Gauge Testing
 - Standard Proctor Test
 - Modified Proctor Test
- > **Compression Testing**
 - Concrete
 - Grout and Mortar Cubes
 - Core Testing
 - Masonry Block Testing
- > **Aggregate Gradation**



Seneca Medical Center New Pre-Engineering Metal Warehouse and Office Building

Client Contact:
Clouse Construction
Mr. Bruce Shook
4382 West Township Road | NW Riegel, OH
419-934-2253

The Seneca Medical Center is a pre-engineered metal warehouse and office building located in the Ravenswood Industrial Park.

This warehouse facility is over 185,000 SF and offers logistics and distribution for the company. The building itself cost over \$10 million to complete. The space is primarily used by the owner for medical equipment storage that is distributed throughout the region. While the building provides storage for much needed medical supplies, it also houses offices, a mezzanine level that houses open office space and a large distribution area, all of which are integral to the successful delivery and distribution to the stored medical supplies for the owner.



PROJECT EXPERIENCE

Doddridge County BOE New Bus Garage Facility

Client Contact:

Doddridge County BOE

Mr. Adam Cheeseman, Superintendent

1117 WV Rt 18 N | West Union, WV 26456

304-873-2300

acheeseman@access.k12.wv.us

The Thrasher architecture team designed the new Board of Education bus garage to house and perform maintenance on the county's school buses. Thrasher was responsible for designing and developing schematics and construction documents for the project. The pre-engineered building is over 6,000 SF with three drive-thru bays. The building also consists of a storage area, a mechanic pit, offices and restrooms for its employees.



PROJECT EXPERIENCE



Pea Ridge PSD Maintenance Facility

Client Contact:

Pea Ridge Public Service District

Ms. Dina Foster, General Manager

500 Nova St | Huntington, WV 25705

304-736-6711

Thrasher was hired by the Pea Ridge Public Service District to design and construct a new maintenance facility for their wastewater treatment plant. Pea Ridge was familiar with the quality of service from Thrasher after years of working on various wastewater projects.

This two story office building primary purpose is an office and maintenance facility for the PSD. The building is 1,500 SF has two garage bays and five covered storage bays. The project cost \$900,000.

Volunteer Fire Departments



Lumberport Volunteer Fire Department

- > New Building
- > 6,260 SF
- > 2 Stall Emergency Vehicle Garage
- > Community Room
- > Equipment Storage
- > Sleeping Corridors
- > Office Space



Spelter Volunteer Fire Department

- > New Pre-Engineered Building
- > 10,000 SF
- > 6 Stall Emergency Vehicle Garage
- > Community Room
- > Equipment Storage



Dominion Goshen Road Facility

Client Contact:

Mr. Warren Green, Facilities Construction Project Manager

925 White Oaks Blvd.

Bridgeport, WV 26330

304-669-4360

Thrasher was hired by Dominion Transmission to do a design/build project located along Goshen Road in Monongalia County, WV. The project consisted of 17,000 SF and houses an administrative office space, storage areas, garage, and a welding shop.

For this nearly \$3 million dollar project, Thrasher was responsible for all of the QAM in addition to the design, site work, survey, and construction management.

Thrasher and Harper teamed up for the HVAC, plumbing, electrical, fire alarm, and sprinkler system for this project.

This project turned out to be a lively and successful new office building for the owner, in which all parties worked quickly and effectively through the design build process to achieve the owners vision.





Parcs Equipment Building Design

Client Contact:

Mr. Sheldon E. Raber, VP, LR Builds, Inc.
One Railroad Street | Shinnston, WV 26431
304-592-2083

The Thrasher Group was hired to design a new building for Parcs in Morgantown, West Virginia. A tractor sales and service building, there were several components important to the design. One of the most challenges pieces was the show space. Thrasher chose to put this on the mezzanine level to ensure additional floor space. There had to be a safe fire stair directly to the exterior, however, which required some creative design solutions that ensured not only a beautiful and functional show space, but a safe one as well.

PROJECT EXPERIENCE

Volvo Dealership

Client Contact:

Astorg Auto of Charleston

Mr. Jamie Spears, President

5 Dudley Farms Ln | Charleston, WV 25309

304-746-0500

Volvo is a recognizable brand world-wide, with a high-profile image and distinct style. Thrasher's Architecture Division was hired to execute that image through renovations to a Volvo dealership in Charleston, West Virginia.

Working off of a prototype design of the facility, Thrasher served as the architect-of-record for the project. Our team used the provided design documents to produce conceptual schematic drawings and construction documents. Thrasher's main concern in this process was maintaining the brand design intent while making necessary adjustments that account for complications such as local regulations, local material supplies, and the available labor force.

The renovation of the 8,000 square foot dealership was multi-faceted. The entire front half of the building was torn off and a new addition was built. Thrasher oversaw construction of a new showroom, service drive and desk, offices, restrooms, and break rooms. Each component was made with a heavy eye towards customer service, with an emphasis placed on interior design, material choice, and environment.



PROJECT EXPERIENCE

Upshur County Development Authority New Innovation Center

Client Contact:

Upshur County Development Authority
 Mr. Robert Hinton, Executive Director
 30 E Main Street | Buckhannon, WV 26201
 304-472-1757, Ext. 1
 rob@upshurda.com

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

It was important to the UCDA that the Upshur Innovation Center have a central location in town. To meet this need, Thrasher had to design the building in a tight location with very specific space constraints. The three-story building offers different opportunities on each floor. Floor one offers retail space. The second floor houses the UCDA offices as well as the Innovation Center itself, which features rentable offices, video conference room, and a Makers Space. Floor three is open to possible tenants for office space. The new building will provide unique amenities and opportunities to the residents of the downtown Buckhannon through the vision of the architect, owner and contractor.

