



COMPLEX PROJECTS
REQUIRE RESOLVE
THRASHER'S GOT IT

RECEIVED
2020 FEB 13 AM 11:17
WV PURCHASING
DIVISION

February 13, 2020

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

RE: *RTI Auditorium Renovation Design Camp Dawson*

Dear members of the selection committee:

The Thrasher Group is pleased to present our qualifications for designing and developing construction documents to renovate the Regional Training Institute (RTI) auditorium at Camp Dawson. Our multi-disciplinary team of architects, construction administrators, and engineers will work together to ensure a smooth, seamless process for your project.

The Thrasher team has a history of success in renovation projects that will bring several advantages to Camp Dawson's renovation project:

- > **Experience with complex renovations** – In our 36 years of business, we have worked on many complex renovations. Some of these projects - including a variety of higher education facilities and the US Marine Corps - have given us the knowledge and experience to make your renovation a success. Also, our team now has access to in-house MEP services.
- > **Knowledge of cost estimating** – Cost is a concern in every project and one that we take seriously. We understand the cost estimating process and the importance of providing accurate estimates.
- > **Familiarity with base** – Our team has an intimate familiarity with the Camp Dawson facility. Thrasher has provided utility work at the base previously, and our facility project manager, Joe Sinclair, has personally stayed in the Camp Dawson barracks during his nine years in the Army National Guard.

We appreciate the opportunity to present our qualifications and look forward to further discussing Camp Dawson's needs.

Sincerely,
The Thrasher Group, Inc.

Craig Baker, ALEP
Architecture 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.



(Name, Title)
Craig Baker, Architecture Division 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)



Architecture Division Manager
(Authorized Signature) (Representative Name, Title)

Craig Baker, Architecture Division Manager

(Printed Name and Title of Authorized Representative)

February 11, 2020

(Date)

304-624-4108 | 304-624-7831

(Phone Number) (Fax Number)

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.

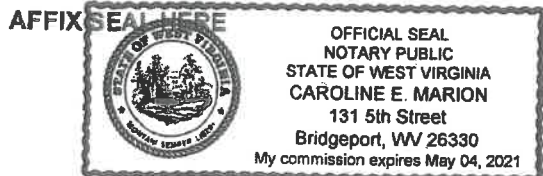
Authorized Signature: [Signature] Date: 2/11/2020

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 11 day of February, 2020

My Commission expires May 4, 2021.



NOTARY PUBLIC

[Signature]
Purchasing Affidavit (Revised 01/19/2016)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI ADJ200000003

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that 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

February 11, 2020

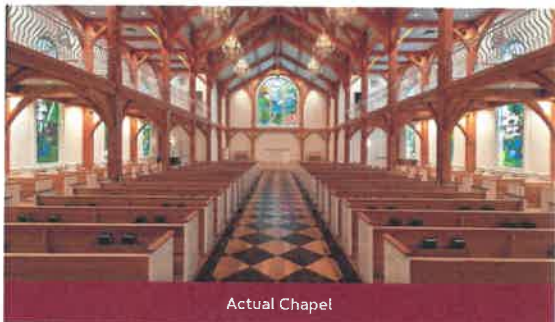
Date

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

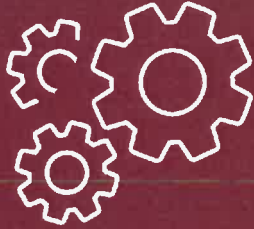


VIRTUAL REALITY

Thrasher combines cutting-edge computer technology with the expertise of architects and designers to develop 3D models of proposed projects. Based on the Building Information Modeling (BIM) models developed during the design process, these virtual reality models (VR) can be viewed and studied from any angle and are an invaluable tool for communicating the intent of a design idea. With VR images and animations, a design concept can be experienced and understood in a way that is not possible with traditional floor plans.



Thrasher's VR modeling generates excitement about a project's potential before any construction begins! Our personnel have created hundreds of VR models, and it has become an essential tool to the design process.



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

Main Point of Contact:

Craig Baker, ALEP
Architecture Division Manager
cbaker@thethrashergroup.com
Cell: 304-669-3022
Office: 304-326-6388



9

OFFICES

in six states:

West Virginia
Virginia
Pennsylvania
Ohio
Maryland
Kentucky



500

EMPLOYEES

- 47** Licensed Professional Engineers
- 20** Licensed Professional Surveyors
- 6** Licensed Professional Architects
- 3** Licensed Professional Landscape Architects



36

YEARS

of delivering successful projects

Diverse services that grow communities.

THRASHER'S GOT IT.



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
- > Multi-Family Residential
- > Historic Preservation
- > LEED Certification
- > Adaptive Reuse



CONSTRUCTION ADMINISTRATION

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 & Concrete
- > Paving
- > Drainage
- > Embankments
- > Work Zone Safety & 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



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
- > Multi-Family Residential
- > Historic Preservation
- > LEED Certification



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



STATE OF WEST VIRGINIA
DEPARTMENT OF ADMINISTRATION

THRASHER

Craig Baker, ALEP
Architecture Division Manager

Joe Sinclair, AIA, NCARB, LEED AP
Project Manager

Amanda Chevront, AIA, NCARB
Project Architect

Kenton Blackwood, Assoc. AIA,
LEED AP
Architecture Project Designer

Stacie Shevchuck
Interior Designer

Jacob Darrah, GISP
3D Scanning Specialist

Rob Milne, PE
Site Project Manager

Alexx Gower
Utility Protection Supervisor

Shawn Kelly, PE
Project Engineer

Ken Smith
Mechanical Engineer

Rick Standish
Engineering Technician

Bill Ratcliffe, REFP
Construction Contract Administrator

James Decker, MBA
Construction Estimator

Architecture Division Manager



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.

Education

Bachelor of Science,
Architectural Engineering
Fairmont State University

Advanced Certificate,
Educational Facilities Planning
San Diego State University

Certifications

- > Accredited Learning
Environment Planner (ALEP)

Affiliations

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

Experience

Fairmont State University Performing Arts Center

Role: Architecture Division
Manager
> Marion County, WV

Chapmanville Regional High School Auxiliary Gymnasium

Role: Principal
> Logan County, WV

Genesis Youth Crisis Center Gymnasium Facility Improvements

Role: Architecture Division
Manager
> Harrison County, WV

Grand Hall at WP Point, Summit Bechtel Reserve

Role: Architecture Division
Manager
> Fayette County, WV

The Summit Bechtel Reserve, Boy Scouts of America Welcome Center

Role: Principal
> Fayette County, WV

West Virginia University Institute of Technology Interior Renovations to the Student Recreation Center

Role: Architecture Division
Manager
> Fayette County, WV

Concord University Fine Arts Building Renovations

Role: Architecture Division
Manager
> Mercer County, WV

Fairmont State University Performing Arts Center

Role: Architecture Division
Manager
> Marion County, WV

Project Manager



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

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

Education

Master of Architecture,
Savannah College of Art &
Design

Bachelor of Science,
Architectural Engineering
Fairmont State University

Registrations

Professional Architect:
> West Virginia
> Virginia

Certifications

> NCARB Certificate
> LEED Accredited
Professional, Building Design
& Construction (GBCI)
> Construction Documents
Technologist (CDT)
Construction Specifications
Institute (CSI)

Affiliations

> Member American Institute
of Architects – West Virginia
Chapter
> Member – United States
Green Building Council
(USGBC) – West Virginia
Chapter

Experience

Manos Theater Facility Assessment and Cost Estimate

Role: Project Architect
> Taylor County, WV

WV Purchasing Building 23 Evaluation

Role: Project Architect
> Raleigh County, WV

Navy Southeast Military Housing and Community Centers

Role: Project Architect
> Southeast, USA

Carlisle Barracks Military Housing and Community Center

Role: Project Architect
> Cumberland County, PA

Adaptive Reuse of the Jack Caffrey Arts & Culture Center

Role: Project Architect/
Manager
> McDowell County, WV

Design of the Beech Fork Lodge and Conference Center

Role: Project Architect
> Wayne County, WV

2nd Avenue Community Center Facility Assessment and Restoration

Role: Project Architect
> Kanawha County, WV

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



The registration is in good standing until June 30, 2020.

A handwritten signature in cursive script, appearing to read "Emily Papadopoulos".

Board Administrator

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
> Virginia

Certifications

> NCARB Certificate

Affiliations

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

Experience

New Crum Pre-K – 8

Role: Architect and Interiors
> Wayne County, WV

Oak Hill High School Additions and Renovations

Role: Project Manager/
Architect
> Fayette County, WV

Ritchie County Middle/High School Renovations

Role: Project Manager/
Architect
> Ritchie County, WV

Valley High School Gymnasium Addition

Role: Project Designer
> Fayette County, WV

The New Ceredo-Kenova Elementary School

Role: Architect, Contract
Administrator, Interiors
> Wayne County, WV

Renovations to St. Marys Elementary and Belmont Elementary Schools

Role: Project Manager/
Architect
> Pleasants County, WV

New Explorer Academy

Role: Project Architect
> Cabell County, WV

Southside Elementary School Additions and Renovations

Role: Project Manager/
Architect
> Cabell County, WV

Midland Trail High School Additions and Renovations

Role: Project Manager/
Architect
> Fayette County, WV

Valley High School Additions and Renovations

Role: Project Architect
> Fayette County, WV

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, 2020.



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

Board Administrator

Project Designer



Education

West Virginia University,
Engineering Curriculum

Fairmont State University,
Architecture Curriculum

Affiliations

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

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

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

Experience

**St. Marys High School
New School Design and
Construction**
Role: Project Manager
> Pleasants County, WV

**4H/Harrison County
Recreational New Community
Center Construction**
Role: Project Designer
> Harrison County, WV

**Hampshire High School Major
Additions and Renovations**
Role: Senior Designer
> Hampshire County, WV

**Tucker County High School
Major Additions and
Renovations**
Role: Senior Designer
> Tucker County, WV

**J.W. Marriott Jr. Leadership
Center and Yamagata Hall**
Role: Senior Designer
> Fayette County, WV

Cottrill's Opera House
Role: Project Manager
> Tucker County, WV

**Hampshire High School Major
Additions and Renovations**
Role: Senior Designer
> Hampshire County, WV

**Wiles Hill Community Center
Additions, Renovations, and
Historic Re-adaptation**
Role: Project Manager
> Monongalia County, WV

STACIE SHEVCHUCK

Interior Designer



Education

Bachelor of Science,
Art Studio
Fairmont State University

Associate of Science,
Design and Drafting
Fairmont State University

Stacie Shevchuck serves as Thrasher's in-house interior designer. Her responsibilities include meeting with department management and various vendors to develop and refine interior design plans for a wide array of clients. She has a sharp eye for detail, and is well versed in all facets of interior finishes and color schematics.

Stacie is responsible for drafting roof plans, elevations and floor plans as part of her day to day work. Another function of Stacie's is creating three dimensional modeling and renderings for interior finishes. She is able to deliver our clients realistic renderings that enable them to clearly envision the end result of their projects. Stacie is proficient with refinishing jobs, mural work and developing conceptual renderings. During her career she has also worked with historical restoration and preservation projects.

Experience

J.W. Marriott Jr. Leadership Center and Yamagata Hall

Role: Interior Designer
> Fayette County, WV

The Greenbrier Resort Chapel Interior Design

Role: Interior Designer
> Greenbrier County, WV

Boy Scouts Rex Tillerson Learning Center

Role: Interior Designer
> Fayette County, WV

Boy Scouts of America Welcome Center

Role: Interior Designer
> Fayette County, WV

Ritchie County Middle/High School Renovations

Role: Interior Designer
> Ritchie County, WV

City of Beckley New Police Station

Role: Interior Designer
> Raleigh County, WV

Dominion Resources Headquarter Facility

Role: Interior Designer
> Harrison County, WV

Fairmont State University Joe Retton Arena Renovation Project

Role: Interior Designer
> Marion County, WV

3D Scanning Specialist



Jacob Darrah has more than a decade of experience as a GIS professional. During this time, Jacob has been involved with projects spanning the entire Mid-Atlantic region. In his current role as the Senior GIS Manager for The Thrasher Group, he is involved in every facet of his clients' projects, including data management, geodatabase creation, crew management, and development of new job-site processes. His keen understanding of the GIS world and ability to quickly complete projects have earned him a host of repeat clients.

Education

Bachelor of Science,
Environmental Protection
West Virginia University

Registrations

> Certified Geographic
Information Systems
Professional (GISP)

Affiliations

> Leadership WV

Experience

Tyler County Courthouse Laser Scanning As-built

Role: Project Manager
> Tyler County WV

Morgantown Ruby Hazel Amphitheater- Laser Scanning As-built

Role: Project Manager
> Monongalia County WV

Tyler County Assessor GIS Website

Role: GIS Manager
> Tyler County, WV

City of Sistersville Municipality GIS Website

Role: GIS Manager
> Tyler County, WV

Tyler County Courthouse Laser Scanning Asbuilt

Role: Project Manager
> Tyler County, WV

Stafford County Airport Runway Extension UAV Laser Scanning Asbuilt

Role: Project Manager
> Stafford County, VA

Upshur County Assessor GIS Website

Role: Project Manager
> Upshur County, WV

City of Middlebourne Municipality GIS Website

Role: Project Manager
> Tyler County, WV

Wetzel County Assessor GIS Website

Role: Project Manager
> Wetzel County, WV

Town of Warsaw GIS Modeling

Role: Project Manager
> Richmond County, VA

Site Project Manager



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

Affiliations

- > Leadership Monongalia County, WV
- > Foundations of Leadership/ National Leadership Institute

Experience

Camp Upshur Marine Corps Base

Role: Project Manager
> Prince William County, VA

A/E Support Services Multiple Award Task Order Contracts (Nationwide) Alderson Federal Prison Camp

Role: Lead Civil Engineer
> Greenbrier County, WV

Andrews Air Force Base

Role: Project Manager
> Prince George's County, MD

West Virginia University Architectural and Engineering Open-End

Role: Project Manager
> Monongalia County, WV

Tema Manufacturing Facility, Burr Industrial Park

Role: Project Manager
> Jefferson County, WV

Rockwool Manufacturing Facility

Role: Project Manager
> Jefferson County, WV

America's Best Block Industrial Park

Role: Project Manager
> Mineral County, WV

Fort Leavenworth AIE

Role: Project Manager
> Leavenworth County, KS

Morgantown Event Center and Garage

Role: Project Manager
> Monongalia County, WV

Seneca Village Pison Site Development

Role: QA/QC
> Monongalia County, WV

The Dayton Mixed-Use Residential Housing Structure

Role: Project Manager
> Monongalia County, WV

Utility Protection Supervisor



Alex Gower is a Utility Protection Supervisor for The Thrasher Group. The majority of his clients are in the oil and gas industry, for which Alex provides a variety of services. His most common responsibilities currently include locating facilities for gas and water for a number of clients. He also performs site weeps on a regular basis, including the use of GPR, line locators, and metal detectors. Alex has risen through the ranks during his career, moving up from a One Call Supervisor through a number of positions, including pipeline and survey technician work, to get to his current role.

Experience

CNX Gas Utility Location Service

Role: Utility Protection Supervisor

- > Southwest Pennsylvania, Northern WV, Eastern OH

HG Energy Gas Utility Location Service

Role: Utility Protection Supervisor

- > Southwest Pennsylvania, Northern WV

XCL Midstream Utility Location Service

Role: Utility Protection Supervisor

- > Northern WV

Tug Hill Utility Location Service

Role: Utility Protection Supervisor

- > Northern WV

Equinor Blind Sweep Utility Protection

Role: Utility Protection Supervisor

- > Eastern OH

Project Engineer



Shawn Kelly, PE brings over 14 years of experience to the Site Division. His knowledge of site development has taken him all across 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 countless 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 clients.

Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:
> West Virginia
> Virginia
> Kentucky

Experience

Corridor H Kerens to US 219 Connector Design Build

Role: Staff Engineer
> Various Counties in WV

Putnam Public Service District Sewer Extension Project

Role: Staff Engineer
> Putnam County, WV

US Route 35 - Couch to Little Fivemile

Role: Staff Engineer
> Various Counties in WV

Upshur County Industrial Park Drainage Calculations

Role: Staff Engineer
> Upshur County, WV

Corridor H Davis to Bismark E&S Control

Role: Staff Engineer
> Grant 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 Bunkhouse and Dining Hall Site Design

Role: Project Engineer
> Fayette County, WV

KEN SMITH

Mechanical Engineer

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Education

Bachelor of Science,
Mechanical Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Virginia
- > Ohio

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

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

Experience

Ventilation System – Welding Lab Advanced Technological Center

Role: Project Manager &
Designer
> Marion County, WV

NC State University Alumni Center

Role: Project Manager &
Mechanical Engineer of Record
> Wake County, NC

NC State University Visitors Center

Role: Project Manager &
Mechanical Engineer of Record
> Wake County, NC

Square 54 – Multifamily Residential High Rise

Role: Mechanical Engineer of
Record
> Washington, D.C.

Novant Billing Offices

Role: Project Manager &
Mechanical Engineer of Record
> Mecklenburg County, NC

Hardy County Public Service District Office Building

Role: Project Engineer, HVAC
system design
> Hardy County, WV

West Virginia State Board of Registration for Professional Engineers *Licensure Verification*

Search: Details

Name: KENNETH E. SMITH

WV Professional Engineer: PE License Number [REDACTED]

PE License Status: Active

PE Issue Date: 07/16/1992

PE Expiration Date: 12/31/2020

Continuing Education Claim: Qualifying Hours from Last Renewal or Reinstatement: 56.00

Carryover Hours for Next Renewal: 15.00

Last Renewal or Reinstatement Date*: 12/31/2018

WV Engineer Intern: EI Certification Number:

EI Issue Date:

Primary Address of Record: [REDACTED]

Primary Employer of Record: THE THRASHER GROUP, INC.
300 ASSOCIATION DRIVE
CHARLESTON, WV 25311

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

This data was retrieved on 8/19/2019.

RICK STANDISH

Engineering Technician



Rick Standish is a successful mechanical, electrical, and plumbing (MEP) Engineering Technician in Thrasher's Utilities Division. He has over 45 years of knowledge in the industry and accumulated an impressive background of project experience. His responsibilities include cultivating client relationships, delivering quality work on time and within budget. Rick is proficient in HVAC systems, electrical load calculations, plumbing flow calculations, MEP layouts, fire alarm systems, shop drawing review, and field inspections.

Education

AutoCAD Program
West Virginia State University

Experience

Pea Ridge Public Service District

Role: Engineering Technician:
HVAC, Plumbing & Electrical Design
> Cabell County, WV

Town of Sophia Wastewater Treatment Plant

Role: Engineering Technician:
HVAC, Plumbing & Electrical Design
> Raleigh County, WV

Greenbrier County Public Service District #2

Role: Engineering Technician:
HVAC, Plumbing & Electrical Design
> Greenbrier County, WV

City of Clarksburg

Wastewater Treatment Plant

Role: Engineering Technician:
HVAC, Plumbing & Electrical Design
> Harrison County, WV

Malden Public Service District

Role: Engineering Technician:
HVAC, Plumbing & Electrical Design
> Kanawha County, WV

BILL RATCLIFFE, REFP

Construction Contract Administrator



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

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

Education

Regents Degree,
West Virginia State University

Registrations

> Recognized Educational
Facility Planner (REFP)

Experience

Greene County Memorial Recreation Center Project

Role: Construction Contract
Administrator

> Greene County, PA

Calhoun Gilmer Career and Technical Center Improvements Project

Role: Construction Contract
Administrator

> Calhoun County, WV

Camden-on-Gauley Medical Center Summersville Clinic

Role: Construction
Administration

> Nicholas County, WV

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

Role: Construction
Administrator

> Kanawha County, WV

Jefferson County Convention and Visitors Bureau Addition and Renovations

Role: Construction Contract
Administrator

> Jefferson County, WV

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

Role: Construction
Administrator

> Kanawha County, WV

Mid-Ohio Valley Technical Institute Improvements

Role: Construction
Administration

> Pleasants County, WV

Berkeley Springs High School Additions and Renovations

Role: Construction Contract
Administrator

> Morgan County, WV

JAMES DECKER, MBA

Construction Estimator



Education

Master of Business Administration,
Project Management Emphasis
Fairmont State University

Bachelor of Science,
Civil Engineering
Fairmont State University

Associates Degree,
Mechanical Engineering
Fairmont State University

Registrations

General Contractor:
> West Virginia

Affiliations

- > Leadership Marion County
- > Leadership Fairmont State University

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

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

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

Experience

Fairmont State University Student Recreation Center, "Falcon Center"

Role: Construction Estimator
> Marion County, WV

Fairmont State University Engineering Building Addition and Renovations

Role: Construction Estimator
> Marion County, WV

Cheat Lake Elementary School New Construction

Role: Construction Estimator
> Monongalia County, WV

Bridgeport Middle School New Construction

Role: Construction Estimator
> Harrison County, WV

Romney Public Works Building New Facility

Role: Construction Estimator
> Hampshire County, WV

Dominion Natrium Plant Processing Facility Additions

Role: Construction Estimator
> Monongalia County, WV

Dominion Goshen Road New Facility

Role: Construction Estimator
> Monongalia County, WV



Tucker County High School
Construction of an 8,000 SF addition that included a new 250 seat auditorium and music facilities



St. Marys High School



Preston County High School



Hampshire County High School
Classroom additions, new media center, auditorium and expansion of the existing cafeteria

Gene H. Yamagata Lodge

Client Contact:

Rob Ridgeway, Dept. Manager – Facilities and
Development Director

2550 Jack Furst Drive | Glen Jean, WV 25846
304-646-2312

The Yamagata Lodge is part of the Summit Bechtel Reserve in Glen Jean, West Virginia. This facility will provide lodging for campers and scouts, as well as executives, employees, and families participating in high-end retreats. Situated in a wooded environment atop a ridge overlooking the expansive Reserve below, Yamagata Lodge offers breathtaking views and easy access to a variety of outdoor features, including walking and mountain biking trails and a 3000-foot zipline to the valley floor.

Thrasher's work on this project provided a cost-efficient approach. The team analyzed multiple construction techniques and designed with maximum efficiency of building system components in mind. Construction material waste reduction was also taken into consideration





St. Marys High School New School Construction

Client Contact:
Mr. Michael Wells, Superintendent
202 Fairview Drive | St. Marys, WV 26170
304-684-2215

Pleasants County needed a new school to replace their lone high school, which was 80 years old. Although a great source of pride for the community, the Pleasants County Board of Education chose to build a new school to provide students with a modern space for the next generation of learners.

Thrasher took on this project from start to finish, partnering with Pleasants County on everything from design through construction administration. This also included bond assistance – a bond was passed in Pleasants County in 2010 that allowed for demolition of the old high school, construction of the new school, renovations to Belmont Elementary, and updates on athletic facilities throughout the county.

In order to respect the history of the school and involve the community in the process, Thrasher worked to get input and feedback from those willing to voice their ideas. Thrasher then took the information collected and filtered it through the requirements and formula of SBA and WVDOE to develop plans that met the needs of all involved.

Project highlight: This complex project was completed on-time for the scheduled opening. The total change orders for the project – mostly Owner requested – amounted to only 1.6% of the overall contract sum.





Thrasher Group was hired by Fairmont State University to complete a bid package to renovate the nearly 6,500 square foot swimming facility. The project was brought about out of necessity for a building that was in poor shape that needed improvements so the student athletes had a safe place to train and compete. The building was originally completed in the late 1960s and had multiple structural issues that were taken into account. New brick and window lintels were installed for structural support and allowed new aluminum storefront sliding doors to be installed. The upper parapet walls were in such bad shape that the brick veneer had pulled away from the building structure. Thrasher worked with engineers to complete new parapet wall design that incorporated maroon metal panels and silver storefront clerestory window frames.

Fairmont State University Natatorium Improvements

Client Contact:

Ms. Stephanie DeGroot, Construction Project Manager
1201 Locust Ave. | Fairmont, WV 26554
304-367-4401

With the building envelope being completed, the other half of the renovation was a new HVAC unit that would provide cooling, heat and exhaust for the swimming space. The existing HVAC unit and ductwork only provided heat to this space. With the interior space having 30' tall ceilings, a new approach was needed to provide this space with heating and cooling without taking up floor space. The new unit was installed on the far end of the building with privacy fencing to hide and tie the unit into the building. Inside ductwork was mounted up high along the rear wall, as well as a new duct sock was hung from ceiling structure the completes the loop of the interior space. Other items completed under this contract in the renovation were new epoxy paint of the pool floor and side walls, existing restroom renovations (flooring, fixtures etc.), new concrete curved stairs at feaster center entrance, and new FRP lay in ceilings at the lower level entrance

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 auditorium renovations needed and will handle them in the following manner:



GOAL/OBJECTIVE 1

The Thrasher Group will provide complete design services for this project, with all engineering and architectural disciplines provided in-house. Our team is capable of updating elements such as new ADA compliant Seating, ADA access and video, sound equipment, and LED lighting. We will ensure all of these updates will bring the entire building to code requirements.

GOAL/OBJECTIVE 2

Our designated designers will adjust the current floor plans to establish a better flow and accommodate for a new arrangement of the seating and efficient use of the entire space.

GOAL/OBJECTIVE 3

Our designated designers will also ensure the most efficient and cost effective sound and video equipment is used. We will make operator friendly and clarity as some of our main priorities.

GOAL/OBJECTIVE 4

Our team will be responsible for researching and investigating the location of existing utilities, and to provide drawings and specifications for updates to the interior or exterior design.

GOAL/OBJECTIVE 5

Drawings and specifications will be submitted at 35%, 65%, 95%, and 100%. Additionally, our in-house cost estimator will provide estimating services with each submission.

GOAL/OBJECTIVE 6

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.

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 and meeting the West Virginia Army National Guard's needs. 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:

Step 1 - Site Visit

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

Step 2 - Conceptual Design and Report

Thrasher will prepare conceptual designs as needed for the services at the Camp Dawson Regional Institute Auditorium. Where applicable, we will also provide design alternatives for consideration. We will then prepare a written report of the conceptual designs and outline any issues.

Step 3 - Construction Documents

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

Step 4 - Cost Estimates

Our project team will provide itemized cost estimates at the following stages: 35%, 65%, 95%, and 100%.

Step 6 - Bid Process

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

Step 7 - Construction Administration

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

Thrasher will also develop a program to keep your team abreast of potential construction issues. We will prepare design repairs with the adjacent property owners in mind. We plan to address any issues that may arise through clear and concise construction notes, details, and specifications to ensure the safety of the workers and environment.

Step 8 - Project Close Out

Upon completion of the project, the Thrasher team will provide final as-built drawings in both CAD and PDF format to any appropriate personnel as needed.

Communication throughout any project is a primary key to success. To that end, Thrasher will begin communication with the WV Army National Guard 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 National Guard's point of contact. Updates during the design phase can occur in numerous ways:

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

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

Communication During Construction

Before construction begins, Joe will again meet with the National Guard 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 National Guard, 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 National Guard. 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 WV Army National Guard 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.

