



COMPLEX PROJECTS  
REQUIRE RESOLVE  
THRASHER'S GOT IT

February 17, 2020

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

RE: *Camp Dawson Cottage Renovation Design*

RECEIVED  
2020 FEB 18 AM 10:06  
WV PURCHASING  
DIVISION

Dear members of the selection committee:

The Thrasher Group is pleased to present our qualifications for designing and developing construction documents to renovate the General's Cottage, Sergeant Major's Cottage, and the Stone Cottage 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 and will also be working with NGE for any geotechnical work.
- > **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 facilities. 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)

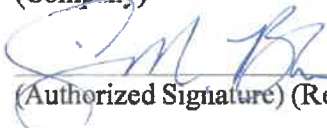
cbaker@thetrashergroup.com

\_\_\_\_\_  
(email address)

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contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated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

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 14, 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: 2/14/2020

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 2 day of February, 2020

My Commission expires May 04, 2021.



NOTARY PUBLIC [Signature]

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CEOI ADJ2000000003**

**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

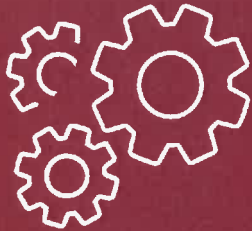


Authorized Signature

February 14, 2020

Date

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



- > 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:

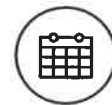
West Virginia  
Virginia  
Pennsylvania  
Ohio  
Maryland  
Kentucky



# 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



## 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.



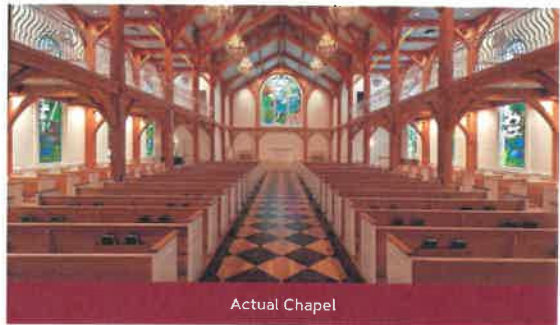
Virtual Reality



Actual Building



Virtual Reality



Actual Chapel

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.



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

### Genesis Youth Crisis Center Gymnasium Facility Improvements

Role: Architecture Division Manager

- > Harrison County, WV

### City of Parsons FEMA House Raising Project

Role: Architecture Division Manager

- > Tucker County, WV

### Clarksburg Regional Housing Authority Duplex Units

Role: Architecture Division Manager

- > Harrison County, WV

### Dream Makers Properties Apartment Units

Role: Architecture Division Manager

- > Harrison County, WV

### Grafton Housing Authority Multiple Living Facility Renovations

Role: Architecture Division Manager

- > Taylor County, WV

### Harrison Mountain Housing Opportunities

Role: Architecture Division Manager

- > Harrison County, WV

### Shinn Run Plaza Apartments

Role: Architecture Division Manager

- > Harrison County, WV

### Seneca Village (Pison Development) Living Facility

Role: Architecture Division Manager

- > Monongalia County, WV



Project Manager



## 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

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.

## Experience

### Picatinny Arsenal Military Housing

Role: Project Architect  
> Morris County, NJ

### 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

### Navy Southeast Military Housing and Community Centers

Role: Project Architect  
> Southeast, USA

### Design of the Beech Fork Lodge and Conference Center

Role: Project Architect  
> Wayne County, WV

### Reception Station Barracks

Role: Project Architect  
> Muscogee County, GA

### Design of Prince Edward Square Residential/Retail Mixed-use

Role: Project Manager  
> Fredericksburg, VA

Project Manager and Architect

# 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, 2020.*



A handwritten signature in cursive script, reading "Emily Papadopoulos".

Board Administrator

Project Architect



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

Her experience has included all facets of project development, including client relations, design proposals, presentations, programming, project coordination, marketing, feasibility studies, and construction administration. Her versatility and knowledge working throughout the Mid-Atlantic region 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

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



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

A handwritten signature in cursive script, reading "Emily Papadopoulos".

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



# ALEXX GOWER

Utility Protection Supervisor



Alexx Gower is a Utility Protection Supervisor for The Thrasher Group. The majority of his clients are in the oil and gas industry, for which Alexx 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. Alexx 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



### 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 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.

### 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

Mechanical Engineer



## 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

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.

## Education

Regents Degree,  
West Virginia State University

## Registrations

> Recognized Educational  
Facility Planner (REFP)

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

## Experience

### 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

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



NGE was founded in the fall of 2002 by Amy Veltri and John Nottingham, a management team with a combined 40 years of industry experience. Advances in engineering, science and technology, coupled with regulatory, legal, and compliance pressures, create increasingly complex challenges for businesses. NGE strives to keep pace with these changes, with an eye to supporting our clients' changing needs.

NGE has grown into a dependable and flexible environmental and geotechnical consulting firm providing a wide range of professional services, including Environmental Consulting, Geotechnical Engineering and Environmental Construction/Remediation.

Since its inception, NGE has hired and retained the best and brightest talent in the industry. Our staff have relevant experience and qualifications to complete complex environmental and geotechnical projects. After establishing a solid foundation and longstanding reputation in the region and across the nation as an innovative, sophisticated, forward-thinking environmental and geotechnical consulting firm, we are proud of our roots and the progressive environment we have created for our dedicated employees.

## Experience

### **Doddridge Athletic Complex**

Role: Geotech

> Doddridge County, WV

### **Boy Scouts of America Welcome Center**

Role: Geotech

> Fayette County, WV

### **City of Beckley Police Department**

Role: Geotech

> Raleigh County, WV

### **America's Best Block Facility**

Role: Geotech

> Mineral County, WV

### **Jefferson County Airport**

Role: Geotech

> Jefferson County, WV

### **Huntington Tri-State Airport**

Role: Geotech

> Wayne County, WV

### **Bridgeport CVB Farmers Market**

Role: Geotech

> Harrison County, WV

## Alexander House

This 15,000 SF private residence is located within the private gated community of Miramichi Morgantown, WV. Constructed out of brick veneer and cast stone accents, this home sits on a 2 acre estate overlooking Cheat Lake.

The main feature of this home are the folding glass partitions that open allowing the family room and private veranda to become one large living area overlooking the lake.

### Project Details:

- > 6 Bedrooms
- > 6.5 Baths
- > 5 Car garage
- > Fully finished basement
- > Custom designed entrance door
- > Outdoor fireplace



## London Residence

This 15,000 SF private residence is located within the private gated community of This 10,500 SF private residence is located in Stone Brook Estates subdivision in Morgantown, WV. Constructed with a wood siding and hand cut natural stone veneer this home was designed to replicate a country cottage Complimented by its swooping front porch roof.

This home was designed with entertainment in mind as it is equipped with a dining room to seat 12 and a gourmet kitchen that includes a recipe workstation both separated by a butler's pantry.

### Project Details:

- > 6 Bedrooms
- > 5.5 Baths
- > 3 Car Garage
- > Full finished basement with game room





### WVU Parkersburg Stephenson House Historic Restoration

Client Contact:  
Ms. Senta Goudy, Executive Director  
300 Campus Drive | Parkersburg, WV 26104  
304-481-9819

In late 2015 Thrasher was selected by WVU Parkersburg to provide professional services for the recently acquired Stephenson House in Parkersburg. This valuable property, listed on the National Register of Historic Places as a Contributing Structure since 1980, was in need of MEP upgrades, interior renovation, re-finishing, a security system, ADA accessibility upgrades, new sidewalks, and stormwater management system.

Thrasher performed an extensive survey and documentation of the existing conditions, produced 3D interior and exterior BIM Models of the entire structure, developed detailed scope-of-work bid documents in accordance with the Owner’s budget, and bid the project. The project bid came in on target with the construction estimates prepared by Thrasher, and the project was awarded to a contractor that specialized in historic restoration.



## Meadows Estates Residential Home 352 Oak Ridge Road

Client Contact:

Ron Stanley

P.O. Box 940 | Bridgeport, WV 26330

304-624-4108

This 3,680 square foot, 4 bedroom/4.5 bath home in the Meadows Estates neighborhood is the pinnacle of fairway living. Situated between holes 16 and 9 of The Meadows golf course, this home enjoys beautiful views from the covered front porch and back patio with built-in gas fire pit. On chillier nights, delight in views from the great room, next to the gas fireplace. Other features include vaulted ceilings in the foyer and great room, natural stone siding, and a 2-car attached garage with golf car stall. Savor mountain and fairway scenery, while being near The Greenbrier Sporting Club and Greenbrier resort amenities.



### 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



## Pigott Base Camp (Camp D) Dining Hall and Bunkhouse

Client Contact:

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

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

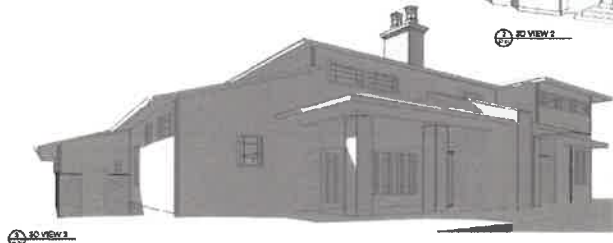
The Bunkhouse is designed to serve as a starting point and ending point for the day's adventures. The two-story building houses sleeping spaces, bathing spaces, and gathering spaces for up to 200 occupants and is attached to the nearby Dining Hall by a courtyard and a thoughtfully designed foyer that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

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



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





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 as well as MEP services provided in-house. Our team is capable of updating elements such as a new instantaneous domestic hot water system, evaluate current heating and cooling systems for efficiency, make adjustments or replacements with new and more efficient heating and cooling system if applicable, complete restroom renovations, complete kitchen renovation, new efficient windows, new exterior doors, and new interior and exterior LED lighting for the cottages. We will ensure all of these updates will bring the each cottage to code requirements.

### **GOAL/OBJECTIVE 2**

Our designated designers will provide a structural analysis on each of the three cottages and make recommendations for repair if needed.

### **GOAL/OBJECTIVE 3**

Our designated designers will also adjust the current floor plans to establish a better flow and accommodate for a more efficient use of the cottages space.

### **GOAL/OBJECTIVE 4**

Included in our team will be NGE. They will provide all geotechnical work including any necessary drill borings and our team will be responsible for researching and investigating the location of existing underground and above ground utilities, and to provide drawings and specifications of any and all utility and road infrastructure as needed and directed by the owner and/or state agency, utility company or other utility approval authority for Kingwood, West Virginia.

### **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.

