



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 1

[List View](#)

General Information Contact Default Values Discount Document Information Clarification Request

Procurement Folder: 916578

SO Doc Code: CEOI

Procurement Type: Central Contract - Fixed Amt

SO Dept: 0314

Vendor ID: 000000204787

SO Doc ID: HST2200000002

Legal Name: THE THRASHER GROUP INC

Published Date: 8/9/21

Alias/DBA:

Close Date: 9/2/21

Total Bid: \$0.00

Close Time: 13:30

Response Date: 09/01/2021

Status: Closed

Response Time: 12:00

Solicitation Description: WV Training and Conference Center Kitchen Renovation

Responded By User ID: Thrasher

Total of Header Attachments: 1

Total of All Attachments: 1

First Name: Caroline

Last Name: Marion

Email: cmarion@thethrasheragro

Phone: 304-624-4108



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder: 916578
Solicitation Description: WV Training and Conference Center Kitchen Renovation
Proc Type: Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2021-09-02 13:30	SR 0314 ESR09012100000001528	1

VENDOR
000000204787
THE THRASHER GROUP INC

Solicitation Number: CEOI 0314 HST2200000002

Total Bid: 0 **Response Date:** 2021-09-01 **Response Time:** 12:00:51

Comments:

FOR INFORMATION CONTACT THE BUYER

Dusty J Smith
(304) 558-2063
dusty.j.smith@wv.gov

Vendor Signature X	FEIN#	DATE
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All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Kitchen Renovation				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments:

Extended Description:

Kitchen Renovation

THRASHER



WV MINERS' HEALTH SAFETY AND TRAINING

West Virginia Training and Conference Center Kitchen Renovations

Submitted by:
The Thrasher Group, Inc.
Due: September 2, 2021



COMPLEX PROJECTS
REQUIRE RESOLVE
THRASHER'S GOT IT

August 31, 2021

Attn: Mr. Dusty J. Smith, Buyer
2019 Washington Street, East
Charleston, WV 25305

RE: WV Miners' Health Safety and Training Kitchen Renovations for West Virginia Training and Conference Center

Dear Mr. Smith and other selection committee members:

Last year, The Thrasher Group team had the opportunity to begin working on the WV Training and Conference Center to design and convert an unoccupied storage room into a state-of-the-art commercial kitchen. Recently, the scope of this project has grown and now there is a need for more services. Not only does the Thrasher team have the familiarity of this very project, but also the capacity and expertise needed to see this project through to completion.

Our full-service architecture and engineering consulting firm has a variety of experience in the hospitality industry. In addition to our architectural design work, Thrasher has personnel on hand to oversee mechanical, electrical, and plumbing engineering, cost estimating, and construction administration. This multi-disciplinary approach allows Thrasher's team to take every facet of your project into consideration throughout the process, helping to keep things on schedule and within budget.

To ensure you get the highest-quality product possible, we will continue to work with C&T Design and Equipment Co. out of Charleston, WV. They specialize in commercial kitchen design and food service consulting and will bring a keen eye for detail to the table. Their expertise and local knowledge will pair with Thrasher's wide-ranging experience to create a design that maximizes space and efficiency for the West Virginia Training and Conference Center kitchen.

Enclosed you will find the qualifications and expertise that make the Thrasher team the perfect fit for completing these renovations. We appreciate your time and the opportunity to pursue this project. We look forward to further discussing your needs and how The Thrasher Group can continue to support you in this endeavor.

Sincerely,
THE THRASHER GROUP, INC.

Craig Baker, ALEP
Building and Facilities Market Leader

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

- ☐ Addendum No. 6
- ☐ Addendum No. 7
- ☐ Addendum No. 8
- ☐ Addendum No. 9
- ☐ Addendum No. 10

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

The Thrasher Group, Inc.

Company

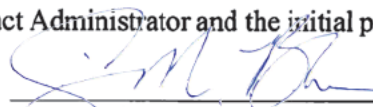
Authorized Signature

8/31/2021

Date

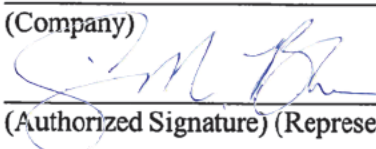
NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

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.

 Buildings and Facilities Market Leader
 (Name, Title)
 Craig Baker, ALEP - Buildings and Facilities Market Leader
 (Printed Name and Title)
 300 Association Drive, Charleston, WV 25311
 (Address)
 304-343-7601 / 304-343-7604
 (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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

The Thrasher Group, Inc.
 (Company)
 Buildings and Facilities Market Leader
 (Authorized Signature) (Representative Name, Title)
 Craig Baker, ALEP - Buildings and Facilities Market Leader
 (Printed Name and Title of Authorized Representative)
 8/31/2021
 (Date)
 304-343-7601 / 304-343-7604
 (Phone Number) (Fax Number)

Revised 07/01/2021



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

Main Point of Contact:

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



9

OFFICES

in five states:

West Virginia
 Virginia
 Pennsylvania
 Ohio
 Maryland



300+

EMPLOYEES

- 34** Licensed Professional Engineers
- 10** Licensed Professional Surveyors
- 7** Licensed Professional Architects
- 2** Licensed Professional Landscape Architects



38

YEARS

of delivering
 successful
 projects

Diverse services that grow communities.

THRASHER'S GOT IT.



C&T Design and Equipment Co.

A SYMBOL OF QUALITY AND CUSTOMER SATISFACTION

Who We Are

C&T Design and Equipment Company is a unique foodservice distribution source offering the best in design and consulting services along with top of-the-line equipment, furniture and smallwares. Our capabilities allow us to take a concept from the planning stages to successful implementation, attending to every detail and requirement along the way. For four decades, C&T Design and Equipment has been providing solutions for all types of food service facilities. Today, we continue to offer the best products, backed by the most conscientious and thorough service in the industry. Our impressive project portfolio serves as a testimony to our success. We look forward to putting our experience and products to work for you!

Extensive Experience

C&T Design has wide-ranging experience developing solutions for all categories of a foodservice operation. Our customer base includes independent restaurants, military operations, churches, schools, hotels, casinos, hospitals and healthcare facilities. We also service business and industry, restaurant chains, convenience stores and correctional facilities. We are thoroughly familiar with the unique demands of each of the market segments we serve and we are adept at applying our expertise to arrive at the optimal solution for each project.

Full Service for Your Entire Project

C&T Design is much more than a distributor of products. For any type of foodservice project, we offer the full gamut of conception-to-completion services. Here are some highlights:

Consulting - Our CFSP-certified foodservice consultant team determines the most advantageous approach. Our reputation is built on our ability to create highly efficient facilities that aesthetically engage customers and provide an enhanced workplace environment for the people who operate them.

Design Development - Our designers consider the unique requirements of each project, addressing all crucial operational and budget aspects. We apply our collective experience to address key elements such as menu, seating capacity, potential labor and energy savings, future expansion possibilities, and much more. Our talented and flexible staff come up with detailed presentations, and work with you to modify the design until you are completely satisfied.

Engineering - Our highly trained engineering team develops detailed plans for your design using state-of-the-art tools. Our design documents include all the necessary plans for equipment, electrical, plumbing, ventilation, fabrication, refrigeration as well as schedules.

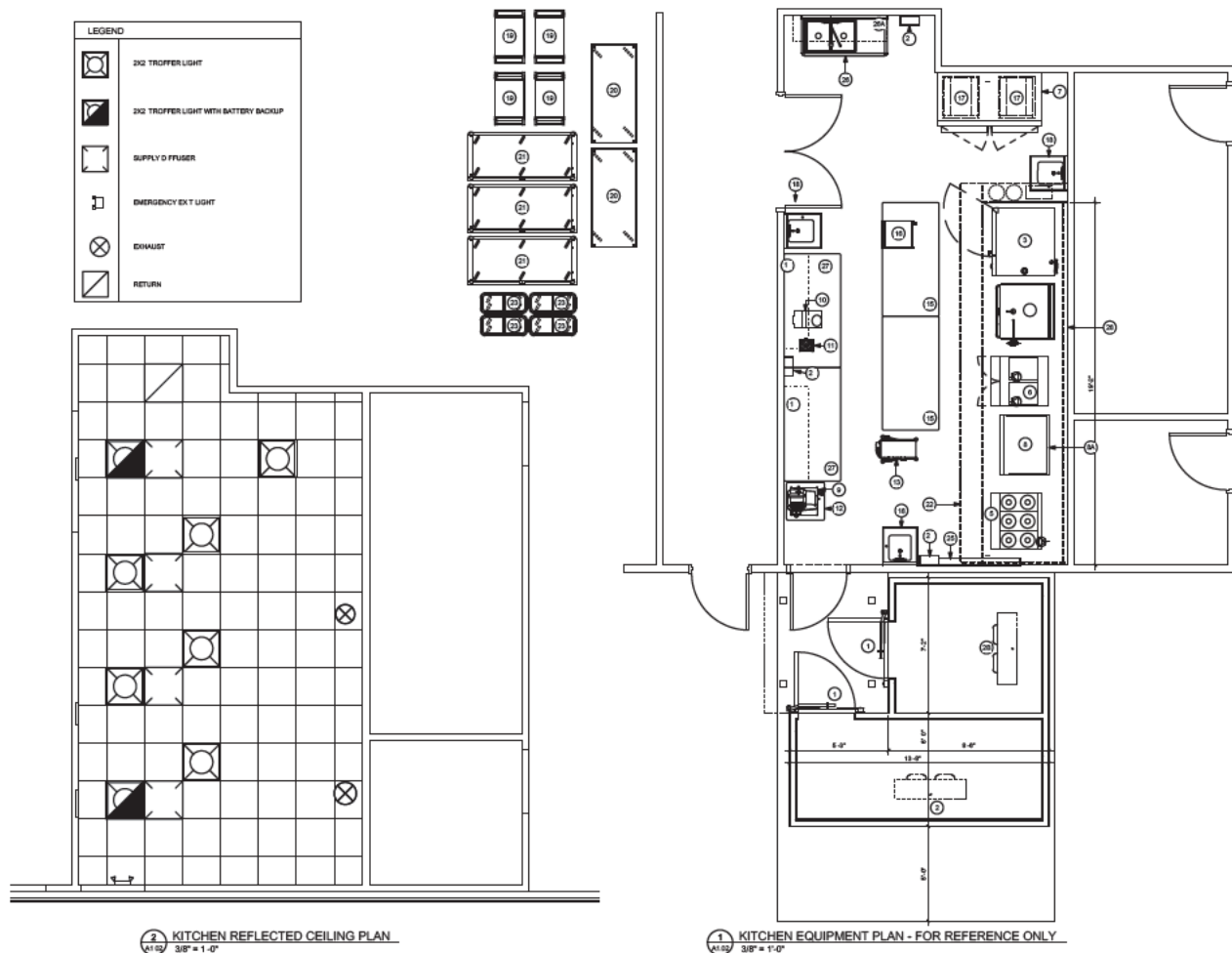
Project Management - Our sales consultants have the experience and expertise to manage all aspects of your foodservice project. We take ownership of the entire scope of the project and ensure timely completion to meet the highest standards. Our project managers are accustomed to handling the constantly changing conditions that arise in the field and are prepared to act on behalf of the customer.



WV MINERS' HEALTH SAFETY AND TRAINING KITCHEN



Last year, The Thrasher Group team had the opportunity to begin working on the WV Training and Conference Center to convert their unoccupied storage room into this state-of-the-art commercial kitchen.



A critical step in meeting your goals is first ensuring we understand them. Thrasher's team has not only began the design of this new state-of-the-art kitchen space, but has also thoroughly reviewed this Expression of Interest request and is confident in our ability to deliver the highest-quality solutions to the remaining portions of this project. We are capable of meeting the goals and objectives you have outlined and feel strongly that you will be satisfied with the outcomes you receive.

We understand your goals for the West Virginia Training and Conference Center project and will handle them in the following manner:

► **GOAL/OBJECTIVE 2.1**

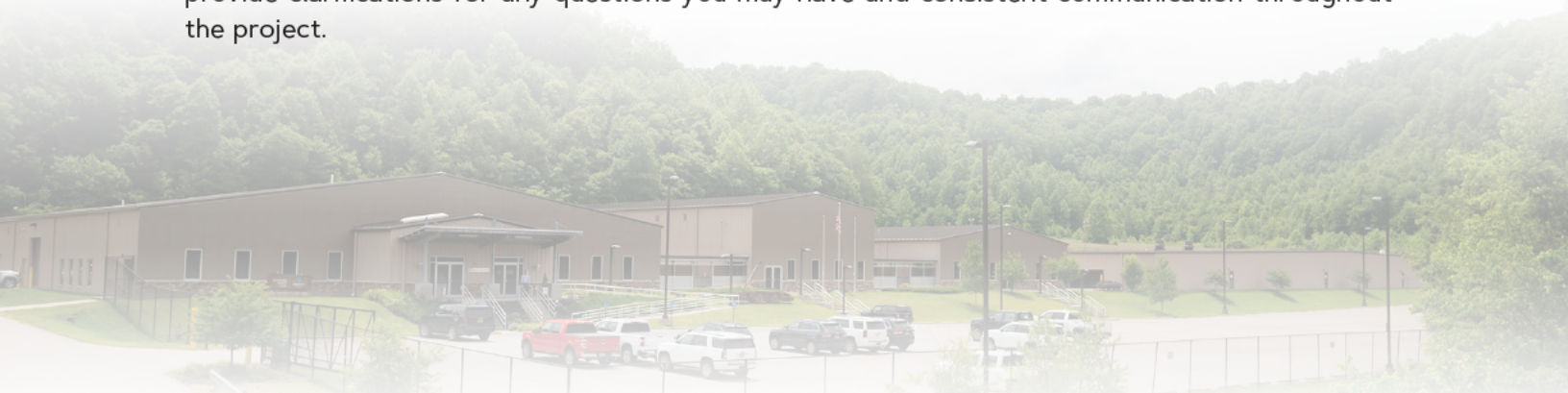
The Thrasher Group acknowledges that the West Virginia Miners' Health Safety and Training team expects full design and engineering services for kitchen renovations at the West Virginia Training and Conference Center. Thrasher has in-house expertise for designing renovation projects of all types, including kitchen and dining areas. To bolster this experience, we will continue to team with C&T Design and Equipment Company. With an office in Charleston, they will provide another local presence and bring specific expertise in food service consulting and commercial kitchen and restaurant design to your project.

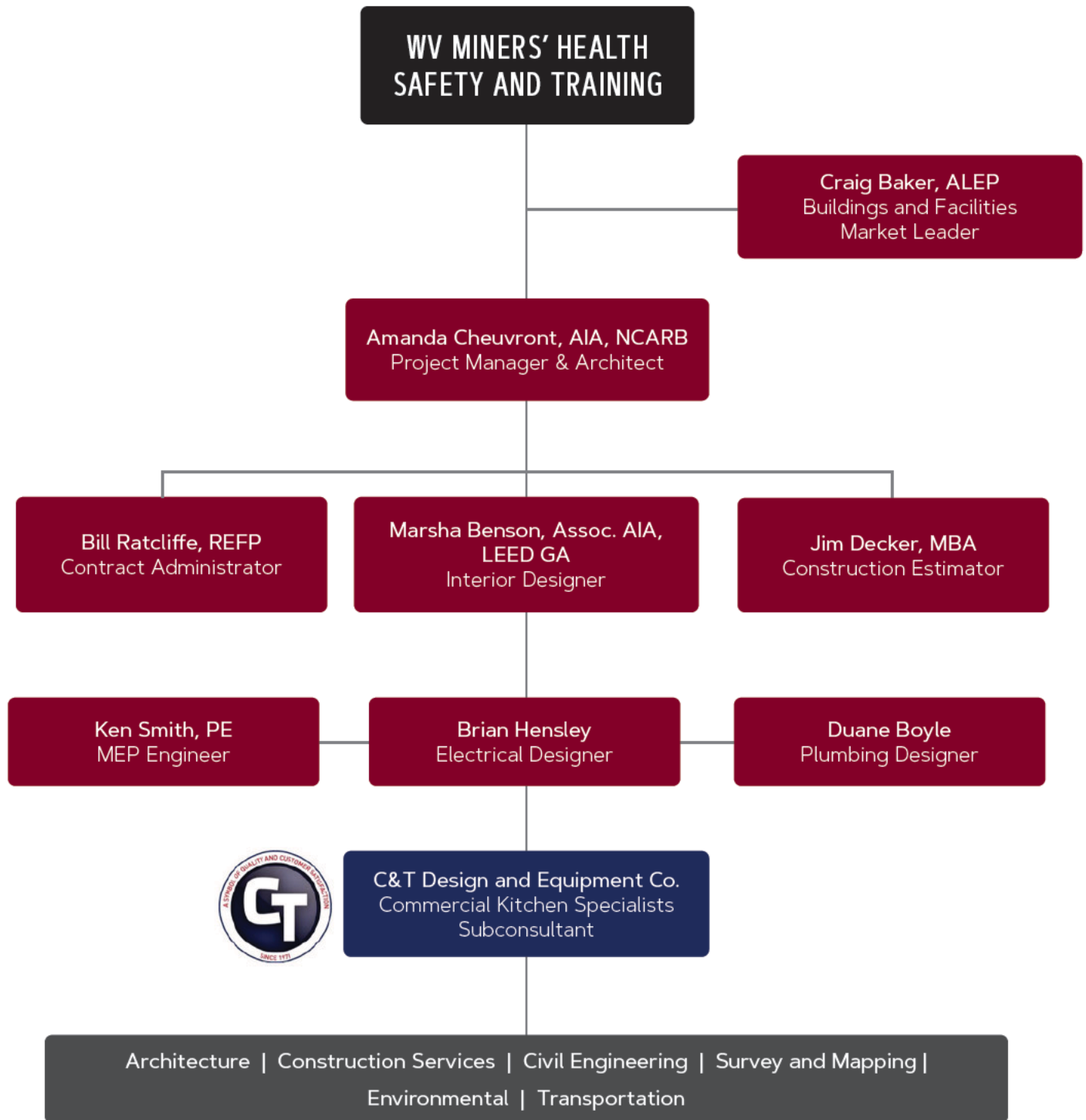
Additionally, the Thrasher team has mechanical, electrical, and plumbing (MEP) engineers on staff who will handle review and specifications for equipment, HVAC, and fire safety requirements. We also have a dedicated team of Water Resources experts who will be responsible for the provision of water and sewer as needed.

Together, this multidisciplinary team will provide a holistic look at your project, collaborating on all pieces of the puzzle to ensure success in each component.

► **GOAL/OBJECTIVE 2.2**

Our work doesn't end at design. Construction Administration is a piece of nearly every Thrasher project, helping us ensure the project we intended is the product you get. Our Buildings and Facilities team has construction administration and estimation experts on staff that will assist you with construction documents, the bidding process, and coordinating and documenting building components. We can provide project representatives to be on site as often as necessary, monitoring construction progress and performing inspections as needed. The entire team will provide clarifications for any questions you may have and consistent communication throughout the project.





Buildings and Facilities Market Leader



Education

Bachelor of Science,
Architectural Engineering
Fairmont State University

Advanced Certificate,
Educational Facilities Planning
San Diego State University

Affiliations

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

Craig Baker, ALEP is an experienced designer and manager with an extensive background working with clients to design, plan, and manage projects both large and small. Craig has worked on a wide variety of projects during his tenure at Thrasher. His knowledge includes a thorough understanding of hospitality facilities, industrial facilities, administrative office spaces, academic building design, government buildings, residences, and medical facilities.

As manager of Thrasher's Buildings and Facilities Market, Craig works hand-in-hand with staff and clients to ensure projects remain on time and within budget. In addition to his strong technical skills, Craig's attention to client communication and responsiveness make him an excellent manager. He manages coordination of construction, detailed construction document preparation, bidding, construction management and contract administration.

Experience

WV Office of Miners' Health Safety and Training Kitchen Renovations

Role: Principal

- > Kanawha County, WV

The Wingate Hotel and Conference Center Site Planning & Schematic Design

Role: Principal

- > Harrison County, WV

The Summit Bechtel Reserve, Pigott Basecamp

Role: Principal

- > Fayette County, WV

The Summit Bechtel Reserve, Marriott Leadership Center

Role: Principal

- > Fayette County, WV

Bridgeport Conference Center Addition Concepts

Role: Principal

- > Harrison County, WV

Mountaineer Food Bank Expansion Project

Role: Principal

- > Braxton County, WV

Horizons Church Phases I and II Kitchen, Pantry, and Classroom Additions

Role: Principal

- > Harrison County, WV

Fairmont State University Hunt Haught Hall HVAC Renovations

Role: Principal

- > Marion County, WV

Project Manager and Architect



Education

Master of Science,
Architecture
University of North Carolina at
Charlotte

Bachelor of Science,
Architectural Engineering
Fairmont State University

Registrations

Professional Architect:
> West Virginia

Affiliations

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

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.

Experience

WV Office of Miners' Health Safety and Training Kitchen Renovations

Role: Project Architect
> Kanawha County, WV

The Summit Bechtel Reserve, Bunkhouse and Dining Hall

Role: Project Architect
> Fayette County, WV

New Explorer Academy School with Commercial Kitchen

Role: Project Architect
> Cabell County, WV

New Crum Pre-K – 8 School with Commercial Kitchen

Role: Project Architect
> Wayne County, WV

New Fayette County Pre-K -2 + Middle School with Commercial Kitchen

Role: Project Architect
> Fayette County, WV

New Huntington East Middle School with Commercial Kitchen

Role: Project Designer
> Fayette County, WV

The New Ceredo-Kenova Elementary School with Commercial Kitchen

Role: Project Architect
> Wayne County, WV

Trinity Senior Village Assisted Living Facility with Commercial Kitchen

Role: Project Manager
> Fredericksburg, VA

Lafayette Town Center Mixed-Use Development

Role: Project Architect
> Fredericksburg, VA

Boy Scouts of America Fenneman Hall

Role: Project Manager
> Fayette County, WV

Project Manager and Architect

The West Virginia Board of Architects

certifies that

AMANDA JO CHEUVRONT

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

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

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2022.



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

Board Administrator

Interior Designer



Marsha Benson, Assoc. AIA, LEED GA is an emerging professional that brings energy and enthusiasm to each project. As a drafter and designer she is able to effectively communicate with clients and problem solve to achieve the desired outcome. She has worked on variety of projects at Thrasher including office buildings, educational buildings, and government buildings from schematic design to construction documents and construction administration. Marsha values the work that she does and makes it her goal to enhance lives through Architecture.

Education

Master of Architecture,
North Carolina State University

Bachelor of Science,
Architecture
Fairmont State University

In addition to her building design expertise, Marsha has an eye for interior design. She has become Thrasher's primary interior designer, providing the perfect finishing touches for the spaces our team creates. Part of this expertise comes in kitchen design, which she has provided and consulted on for numerous Thrasher projects.

Affiliations

- > Associate Member of
the American Institute of
Architects
- > LEED GA

Experience

Boy Scouts of America Marriott Leadership Center with Commercial Kitchen

Role: Designer, Drafter, and
Construction Administrator
> Fayette County, WV

Boy Scouts of America Bunkhouse and Dining Hall

Role: Construction
Administrator
> Fayette County, WV

Doddridge County Elementary Renovations

Role: Kitchen Consultant
> Doddridge County, WV

Doddridge County Early Childhood Academy

Role: Kitchen Consultant
> Doddridge County, WV

Boy Scouts of America Hunters Lodge

Role: Kitchen Consultant
> Fayette County, WV

Bridgeport Convention and Visitors Bureau with Commercial Kitchen

Role: Designer and Drafter
> Harrison County, WV

Boy Scouts of America Leadership Ridge Lodges

Role: Kitchen Consultant
> Fayette County, WV

Doddridge County Commission Courthouse Renovations

Role: Designer and Drafter
> Doddridge County, WV

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

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.

Affiliations

- > Recognized Educational
Facility Planner (REFP)

Experience

Bridgeport Convention and Visitors Bureau and Farmers Market Project

Role: Contract Administrator
> Harrison County, WV

Doddridge County Elementary School Renovations with Commercial Kitchen Component

Role: Contract Administrator
> Doddridge County, WV

Jefferson County Convention and Visitors Bureau Addition and Renovations

Role: Contract Administrator
> Jefferson County, WV

City of Beckley New Police Station Project

Role: Contract Administrator
> Raleigh County, WV

WVU Robert C. Byrd Testing Center Renovations

Role: Contract Administrator
> Kanawha County, WV

White Oaks Development Retail II Facility

Role: Contract Administrator
> Harrison County, WV

Doddridge County Commission Courthouse Renovations

Role: Contract Administrator
> Doddridge County, WV

New Spring Mills High School

Role: Contract Administrator
> Berkeley County, WV

New Gerrardstown Middle School Project

Role: Contract Administrator
> Berkeley 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

**Doddridge County
Elementary School
Kitchen Remodel**

Role: Construction Estimator
> Doddridge County, WV

**Boy Scouts of America
Bunkhouse and Dining Hall**

Role: Construction Estimator
> Fayette County, WV

**Doddridge County
Early Childhood Academy
with Commercial Kitchen**

Role: Construction Estimator
> Doddridge County, WV

**Fairmont State University
Feaster Center Addition
and Renovations**

Role: Construction Estimator
> Marion County, WV

**Bridgeport Middle School
New Construction**

Role: Construction Estimator
> Harrison County, WV

**Baker Heights
New Fire Station**

Role: Construction Estimator
> Berkeley County, WV

**City of Beckley
Fire Department Station #3**

Role: Construction Estimator
> Raleigh County, WV

**Harrison County Commission
Courthouse HVAC
Replacement**

Role: Construction Estimator
> Harrison County, WV

MEP Engineer



Education

Bachelor of Science,
Mechanical Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Virginia
- > Ohio

Ken Smith has become a vital role in Thrasher's Utilities Division 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

WV Office of Miners' Health Safety and Training Kitchen Renovations

Role: Mechanical Engineer
> Kanawha County, WV

Harrison County Public Safety Building

Role: Mechanical Engineer
> Harrison County, WV

Square 54 – Multifamily Residential High Rise

Role: Mechanical Engineer of Record
> Washington, DC

Pocahontas Memorial Hospital Rural Health Addition

Role: Project Manager
> Pocahontas County, WV

Doddridge County Maintenance Building

Role: Mechanical Engineer
> Doddridge County, WV

Advanced Technological Center Welding Lab Ventilation System

Role: Project Manager and Designer
> Marion County, WV

Princeton Community Hospital Bluefield Regional Medical Center Evaluation

Role: Mechanical Engineer
> Mercer County, WV

Hatfield-McCoy Regional Recreation Authority Ashland Resort

Role: Mechanical Engineer
> McDowell County, WV

NC State University Visitors Center

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

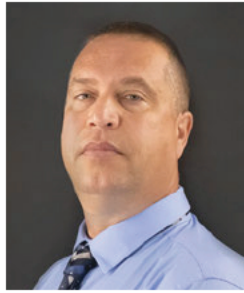
MEP Engineer

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: 12/31/2022
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 52.50
	Carryover Hours for Next Renewal: 15.00
	Last Renewal or Reinstatement Date*: 12/17/2020
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
	<p>* 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.</p>

MEP Technician



Education

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

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

Experience

Boy Scouts of America

Steve A. Antoline

Conservation Center

Role: Electrical Engineer

> Fayette County, WV

Boy Scouts of America

John Tickle Training Center

Role: Electrical Engineer

> Fayette County, WV

Dominion Energy

Mount Storm Office Building

Role: Electrical Engineer

> Grant County, WV

Access Health/Rite Aid

Building Conversion

Role: Electrical Engineer

> Raleigh County, WV

Pocahontas Memorial Hospital

CT/X-Ray Suite

Role: Electrical Engineer

> Pocahontas County, WV

Hatfield-McCoy

Regional Recreation Authority

Ashland Resort

Role: Electrical Engineer

> McDowell County, WV

Pocahontas Memorial Hospital

Rural Health Addition

Role: Electrical Engineer

> Pocahontas County, WV

Benedum Airport Authority

New Hangar

Role: Electrical Designer

> Harrison County, WV

Plumbing Designer

**Education**

Associate Degree,
Mechanical Design
Ashland Regional
Technology Center

Certifications

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

Affiliations

- > Associated Builders and
Contractors, Inc.

Duane Boyle, Plumbing Designer, brings Thrasher value in several capacities. He has provided plumbing designs for various project types over the years, such as tenant build-outs, schools, assisted living and memory care facilities, and warehouses. Several of Duane's daily duties consist of performing plumbing calculations, fixture selections, attending project development meetings, checking shop drawings, and coordinating with all other disciplines. Most of his work involves providing these design services from the beginning to end of a project using the most current versions of AutoCAD and Revit. Duane is capable of providing field verified documents of all existing plumbing systems on site and hand drawn existing systems for use in the design and development of new construction documents. He also performs field inspections and generates field reports of observations.

Experience

**WV Office of Miners'
Health Safety and Training
Kitchen Renovations**

Role: Plumbing Designer
> Kanawha County, WV

**Dominion Energy Mount
Storm New Office Building**

Role: Plumbing Designer
> Grant County, WV

**Pocahontas Memorial
Hospital Rural Health
Addition**

Role: Plumbing Designer
> Pocahontas County, WV

**The Landing at
Meadow View Apartments**

Role: Plumbing Designer
> Harrison County, WV

**Carl D Perkins
Apartments Renovations**

Role: Plumbing Designer
> Pike County, KY

**Roane County Schools
Safe School Entrances**

Role: Plumbing Designer
> Roane County, WV

**Boy Scouts of America
Steve A. Antoline
Conservation Center**

Role: Plumbing Designer
> Fayette County, WV

**Calhoun-Gilmer Career and
Technical Center Restroom
Renovations**

Role: Plumbing Designer
> Calhoun County, WV

Commercial Kitchen Subconsultant

**Contact Mark**

304-552-0888

markh@c-tdesign.com

Mark Holmes is the Managing Partner for C&T Design and Equipment Company located in Charleston, West Virginia. He has over thirty-five years of design and project experience in the food service equipment market. Mark has been with C&T Design for the nineteen years, after opening the West Virginia branch office in 2001. He handles various clients in our early education, higher education, healthcare and corrections markets.

Before joining the C&T Design team, Mark worked in the food service equipment industry for sixteen years. He has extensive experience with architecture firms focusing on layout and design of all food service markets, including but not limited to institutional, healthcare and correctional markets.

Mark has personally been associated with some notable food service equipment projects such as the Charleston Coliseum and Convention Center and University of Charleston in Charleston, West Virginia, and also the West Virginia State Capitol Building.



BOY SCOUTS OF AMERICA J.W. Marriott Jr. Leadership Center

Client Contact:

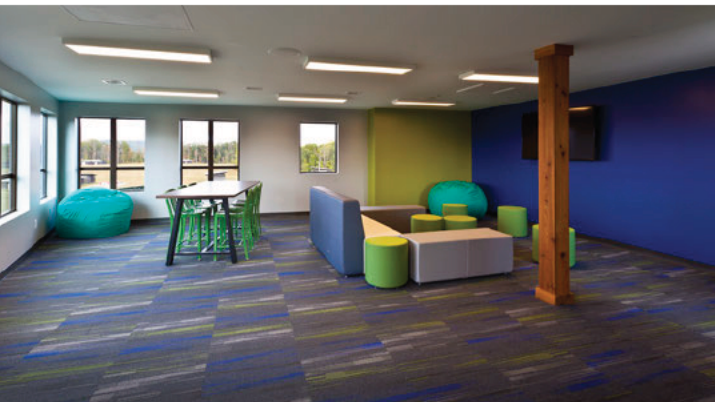
Mr. Rob Ridgeway,
Facilities and Development Director
2550 Jack Furst Drive | Glen Jean, WV 25846
304-646-2312

The JW Marriott Leadership Center is one of several new buildings being constructed at the Summit Bechtel Reserve in Glen Jean, West Virginia. The space provides numerous places for educational, social, and dining activities with a flexible, fluid design. The building contains a large, commercial kitchen to prepare food for visitors to the Reserve. It features all stainless steel appliances and counter tops, with plenty of space for safe and efficient food preparation.

The JW Marriott Leadership Center provides numerous spaces for educational, social, and dining activities with a flexible, fluid design. The building contains a two-story lobby that offers several break-out spaces for learning and collaboration, as well as a link to the adjacent lodge. The primary space is expansive to the exterior with an open ceiling and unique lighting systems, while the circulation paths create an ever-unfolding environment. Along the circulation is a large dining area that serves 300 guests and is equipped with technology for large informal meetings to formal banquet presentations. Accompanying the dining area is a commercial kitchen, a library and 2 large classrooms can be divided into different configurations to accommodate a variety of group sizes.



The Pigott Base Camp has a dining hall and bunkhouse designed by Thrasher. 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.



PIGOTT BASE CAMP

Dining Hall and Bunkhouse

Client Contact:

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

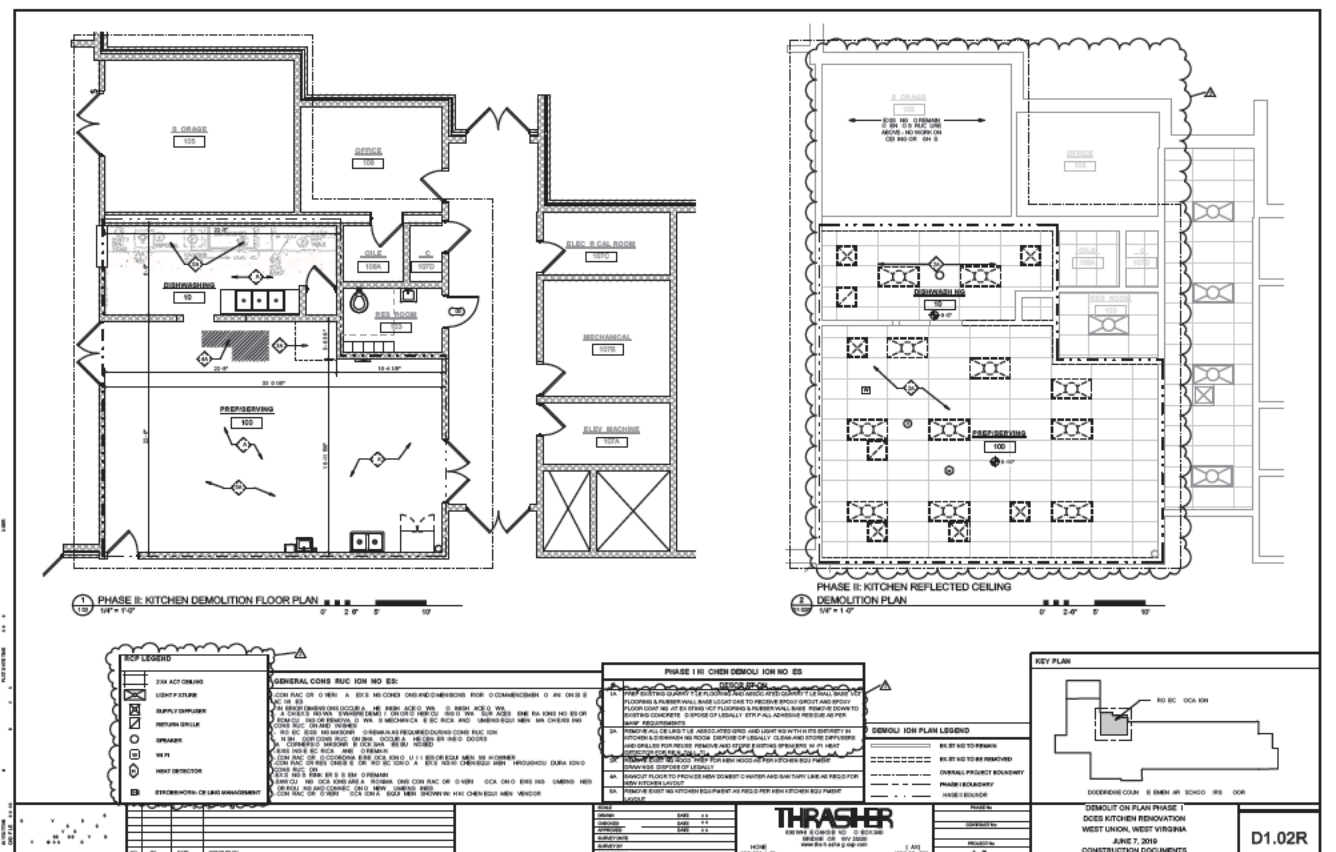


The Thrasher Group performed a kitchen renovation for Doddridge Elementary School in 2019. This project, one of many for the Doddridge County Board of Education, was designed to improve the quality and ease of use of the existing kitchen in the school. Thrasher provided a complete demolition of the ceilings, quarry tile flooring, range hood, three-bowl sink, and other equipment. New epoxy flooring, painted and waterproof ceilings, and all new kitchen equipment were installed in their place. All work was performed in the summer to ensure the kitchen was fully operational and service to students wasn't interrupted.

DODDRIDGE ELEMENTARY SCHOOL Kitchen Renovation

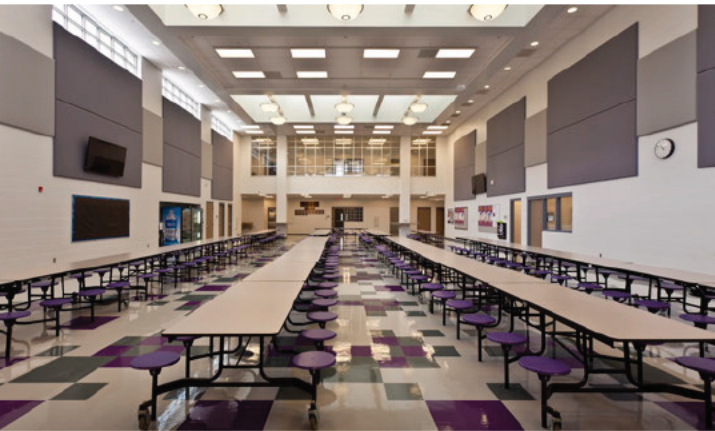
Client Contact:

Mr. Jeff Harvey, Director of Student Support Services
1117 WV Route 18 N | West Union, WV 26456
O: 304-873-2300 | C: 317-716-3555



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. Part of this included the design and construction of a new commercial-grade kitchen. The kitchen features all stainless steel appliances and countertops, a three-bowl sink, tile floors, and overhead lighting. A cafeteria-style dining area was also included in the design, with space maximized to fit as many students as possible.



ST. MARYS HIGH SCHOOL

New Construction

Client Contact:

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



MOUNTAINEER FOOD BANK EXPANSION



Thrasher provided concepts for an expansion to the Mountaineer Food Bank in the Gassaway/Sutton area. The designs provided options for the Food Bank to quadruple their frozen and refrigerated food capacity and double their dry food storage capabilities. Concepts for several loading docks, community rooms, and offices were also included. Fundraising is currently underway for construction.



BRIDGEPORT CONFERENCE CENTER ADDITION CONCEPTS

The Bridgeport Conference Center was interested in expanding their facility. Thrasher provided concepts to double the capacity of their banquet area, as well as an outdoor plaza for events, an expansion of their kitchen and a new pre-function area.



The Thrasher Group has been involved in the design of several food storage related projects. Our team has worked with a variety of hospitality clients, from large-scale conference centers to intimate restaurants. Each has brought a unique design need for its food storage and service capacity.

Some of these food service projects include:

- > Boy Scouts of America Various Dining Halls
- > Mountaineer Food Bank Expansion Concepts
- > Cody's Restaurant
- > Cornucopia Cafe
- > Denny's Diner
- > Subway at White Oaks
- > Rupert Elementary School Dining Area



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 needs of the West Virginia Miners' Health Safety and Training facility. 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 for project management are as follows:

1. Kickoff/Programming Meeting

We will conduct an on-site meeting with your team to discuss specific project requirements, overall goals, and preliminary budget.

2. Building Program

Our team will expand upon the Project Description laid out in the Request for Proposal and work with you to develop a more detailed program which will generally include:

- Square footage requirements
- MEP requirements
- Detailed list of amenities
- Spatial adjacency requirements
- Finish requirements

3. Conceptual Design Phase

Our team will take the developed program and provide multiple conceptual design iterations for review and comment. Deliverables generally included as part of this phase are:

- Floor plans
- Interior and exterior 3D renders
- Conceptual finishes
- Preliminary furnishing layout

4. Schematic Design

Upon approval of a conceptual design, our team will begin refining the overall design and layout of the facility and the site.

5. Design Development

As the project moves beyond the schematic design phase we will start to incorporate structural and MEP systems into the design and focus on details at areas of high importance.

6. Construction Documents

Our team will produce detailed bid-level construction documents.

7. Bidding

Thrasher will develop all documents required for the project to be publicly bid and will perform the necessary tasks involved.

8. Construction Administration

Thrasher will provide construction administration throughout the duration of the construction phase.

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

Communication throughout any project is a primary key to success. To that end, Thrasher will begin communication with the Miners' Health Safety and Training team and any pertinent personnel 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 and Architect, Amanda Cheuvront, will discuss preferred methods of communication with your 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, Amanda will again meet with the project 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 Miners' Health Safety and Training team, and key project stakeholders throughout the duration of the project. Meeting minutes will be distributed to all attendees and any other agents identified by your team. 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 your construction representative on a weekly basis.



Thrasher has an internal Quality Control Policy to ensure our projects move forward efficiently and effectively. The objectives of this manual are to continually improve the quality of the design and technical deliverables Thrasher provides to its internal and external clients.

This manual illustrates the basic requirements for quality control in our projects. It describes the methods for checking and reviewing product elements and client deliverables, and includes rigorous comprehensive written check-lists for each stage of the design process, document production, and construction activities.

The purpose of these QC methodologies is to reduce or eliminate the potential for errors, omissions, ambiguities, and inconsistencies.

The policy outlines three main areas:

- > **General** - Defines the purpose, intent and limitations, definitions, and implementation
- > **Project Management Procedures** - Presents required procedures specific to this practice that allow for the efficient and accurate management of projects
- > **Check and Final Review Procedures** - Presents required procedures specific to this practice that are used to insure technical accuracy of the work product

Cost is a concern in every project and one that we take seriously – it is important to us that we provide a transparent, thorough look at what it will take to get your project completed. To make sure that happens, we follow four important principles:

- > **Thorough construction documents** - Starting off with detailed construction documents helps the entire project run more smoothly. By laying an accurate, realistic picture at the beginning of the process, we are able to complete your project more efficiently and with fewer change orders.
- > **In-depth review process** – The Thrasher team participates in an in-depth review process to ensure there is a thorough understanding of your project. Our construction administration team visits your site in person so we know exactly what is needed for the space.
- > **Understanding of what things cost** - Thrasher has a knowledgeable construction administration team that understands what it truly costs to make things happen. Rather than relying on general industry standards, our Construction Estimator, Jim Decker, can tell you what something will cost in actuality. Jim, who has a contracting license, knows how to navigate both sides of a bid process and can deliver an accurate look at your project costs up front.
- > **Respect for your wallet** - We respect your business needs and work to ensure the lowest-cost options we can find. We also keep you updated of budget throughout the process: An initial construction cost will be calculated to reflect your budget, and construction cost estimates will be delivered with the drawings at the end of Schematic Design, Design Development, and Construction Documentation. Adjustments to size and/or quality will be made, as necessary, during each design phase to maintain your budget.



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.





ARCHITECTURE

Thrasher offers a broad range of architecture and building design services to suit the needs of each individual client. Our approach to understand our clients' goals and challenges makes us sought after in a variety of markets: educational facilities, commercial and retail spaces, healthcare facilities, government buildings, banking and financial institutions, and industrial warehouses to name a few.

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

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

Architectural Expertise:

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



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.



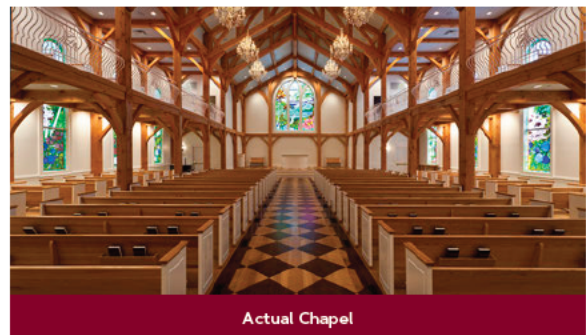
Virtual Reality



Actual Building

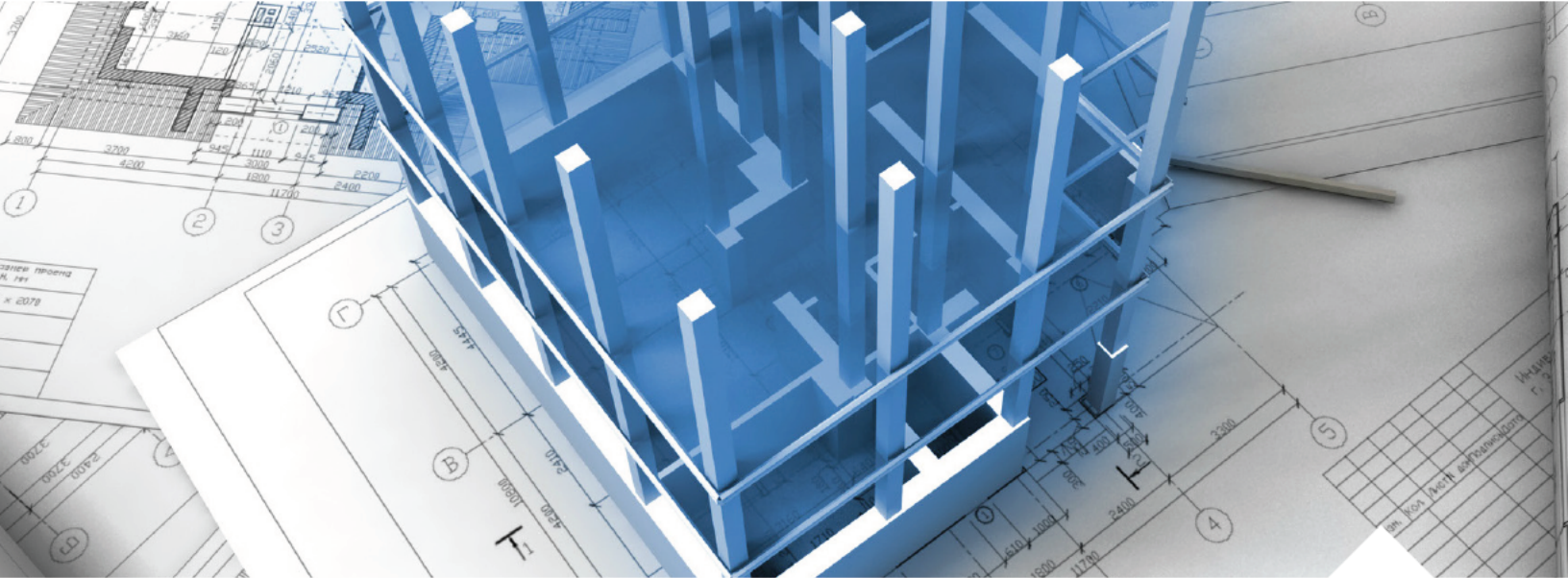


Virtual Reality



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.



BUILDING INFORMATION MODELING

Thrasher uses the components of BIM on every architectural project we undertake because of the benefits it provides during design process for construction and the advantage it gives to our clients with the finished product. Thrasher has developed a unique set of BIM standards that are utilized on every project from design through construction. Thrasher uses programs such as Revit for architectural, structural, mechanical, electrical and plumbing design, and 3D visual design; Autodesk 3Ds Max for realistic visualization; Autodesk Civil 3D 2015 for civil and site work; Autodesk Navisworks for additional coordination efforts before a project has been bid; and TimeLiner to develop a simulated construction schedule that may be analyzed and improved throughout the project. Thrasher recognizes the importance of each program to the cohesion of the final product, and understands that our integrated approach to using BIM results in successful, timely, and budget-friendly projects for our clients.

Why Thrasher Utilizes BIM:

- > **Accuracy:** BIM technology delivers exceedingly accurate construction documents at any given phase of the building design, enhancing project cohesion.
- > **Cost Savings:** This technology examines how a completed building comes together in the end, which reduces the amount of change orders during construction.
- > **Quality:** BIM delivers incredibly realistic renderings within the construction documents, thus, ensuring a higher quality end product for the client.



INTERIOR DESIGN

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

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

Interior Design Expertise:

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



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



THRASHER