Original

THRAISHER

West Virginia Division of Natural Resources Wildlife Resources Section Storage Buildings



10/14/14 09:32:35AM West Uirginia Purchasing Division Submitted by:
THE THRASHER GROUP
October 14, 2014



October 14, 2014

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

RE: Wildlife Resources Section Storage Buildings for Elk River and Handley Wildlife Management Areas

Thrasher is pleased to submit our qualifications to provide Architectural, Engineering, and Permitting services to the WV DNR for the design and construction of new storage facilities within the Elk River and Handley Wildlife Management Areas. Our experienced team is ready to show help the DNR work out a practical, cost effective solution to their storage building needs. We are confident that we are the right firm for the project and will utilize the same project management principles that have been so successful on similar projects. We understand your goals and most importantly, your expectations as a consultant.

No firm in the state of West Virginia has a Thrasher's track record of successful, time-efficient projects, which has been demonstrated through our long list of repeat clients.. We are able to accomplish this because we understand the DNR's projects are not about us, they are about the recreation seekers who visit these wildlife areas everyday. As you well know, we put an emphasis on working hand-in-hand with our clients to eliminate common issues that arise when working on similar facilities.

I have great confidence that our experience with similar projects will be a testament to our ability and commitment to this project. We are looking forward to once again sharing our knowledge and experience with the West Virginia Division of Natural Resources.

Sincerely,

THE THRASHER GROUP, INC.

CRAIG BÁKER, AAIA, CEFP

Principal-in-Charge

The Thrasher Group, Inc.

Formed in 1983, Henry A. Thrasher and H. Wood Thrasher created Thrasher with a commitment to excellence and professionalism in engineering. As the leading consulting engineering firm in the state of West Virginia, Thrasher specializes in all facets of architecture and engineering from site development to public works projects.

In 2005, the company added architecture services to our ever-expanding list of capabilities. In early April of this year, Thrasher acquired Marion County-based architectural firm, Blackwood Associates. The combination of both firms includes over 100 years of architectural experience throughout the state of West Virginia.

Throughout the past 5 years, Thrasher has grown from roughly 200 employees to the over 350 people we presently employ. Thrasher is growing at a rapid pace and that has allowed us to bring aboard some of the most sought after talent around.

We believe that the partnership we establish with our clients is what makes them and their

projects successful. This philosophy is the foundation of our growing company.

We have learned, regardless of our size, our commitment to this philosophy leads to successful projects.

The Thrasher philosophy is **PARTNERSHIP**.

Thrasher was recently named #22 on the Zweig White Hot Firms - Fastest Growing Firms in the Country.



Main Point of Contact:

Mr. Craig Baker, AAIA 600 White Oaks Boulevard P. O. Box 940 Bridgeport, WV 26330 Phone: 304-624-4108

Fax: 304-624-7831

Office Locations:

Bridgeport, WV
Charleston, WV
Beckley, WV
Oakland, MD
Fredericksburg, VA
Canton, OH
Canonsburg, PA

Thrasher Information:

Incorporated in 1983 State of West Virginia www.thrashereng.com thrasher@thrashereng.com

The Thrasher Group, Inc.

With multi-discipline capabilities, Thrasher covers all of the professional services needed to deliver successful projects to both public and private clientele. The firms' roots were planted in civil engineering and consulting services for public utility projects. Over the years, our success has allowed us to branch out, expanding our services to meet both the needs of our clients and the growing need for more responsive and effective solutions.

By providing a full range of quality professional engineering, surveying, architectural, environmental and related field services, this partnership has positioned itself as one of the leading consulting teams in the Mid-Atlantic region.

Disciplinary Practices:

- Architecture
- · Civil Engineering
- Water Treatment and Distribution
- Wastewater Collection and Treatment
- Land & Site Development
- Roadways / Bridges / Streetscapes
- Storm Water Systems
- Dams and Levees
- Land Planning and Landscape
- · Parks and Recreation
- Survey
- Construction Monitoring
- Materials Testing
- Environmental Services
- Pipeline Inspection
- GIS Mapping Software Development

Areas of Service:

- Planning
- · Preliminary engineering
- Funding direction & application assistance
- · Regulatory permitting
- Design and construction document preparation
- Bid documentation & process oversight
- Construction administration & monitoring
- Post construction service & on-going commitment
- Cost estimating

Successful projects require more from an architectural/engineering firm than just technical design expertise. At Thrasher, our project managers and engineers focus on all aspects of "getting the job done."

Tab - Project Approach

Project Approach - Elk River Site and Handley Site

Mr. Jeff Roberts will serve as your project manager. Helping Jeff oversee this project will be Craig Baker. Craig has worked on several storage facility projects and will be heavily involved from a quality control perspective to ensure all your needs are met. Our group will work closely with you on the completion of the new facilities to make sure that we are delivering the product the DNR deserves.

The combined teams first-hand knowledge of the intricacies involved with new facility designs will make this project seamless and less burdensome on the WV DNR. The following steps will be used by our team throughout the project:

Step 1. The *first* step will be to meet with your project team to determine your exact scope of work, budget, schedule, etc.

Step 2. The **second** step will be to begin schematic design. We will produce preliminary drawings for your review and comment, as well as preliminary construction estimates. Our team will spend the required time to nail down your exact needs and work through all our options to make sure we comply with all project constraints.

Step 3. The *third* step will be to refine our design and transfer it into bidding and construction documents. Our team excels in producing excellent documents that remove ambiguities during bidding, thus, producing great bids!



Step 4. The *fourth* step is to assist our clients with the bidding process by evaluating all bids and issuing all contracts.

Step 5. The *fifth* step in our project approach consists of staying involved until the post project review is complete.

Our goal is to make this project as seamless as possible for you and your staff.

We know how to get projects done in a timely and cost effective manner!



ARCHITECTURE

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

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

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

ARCHITECTURAL EXPERTISE:

- Public and Private Office Buildings
- Healthcare Facilities
- Educational Facilities
- Financial Institutions
- Building Additions and Renovations

- Recreational Facilities
- Public Safety Buildings
- Single Family Residential Units
- Multiple Family Residential Units
- Historical Preservation
- LEED Certification



SITE DEVELOPMENT

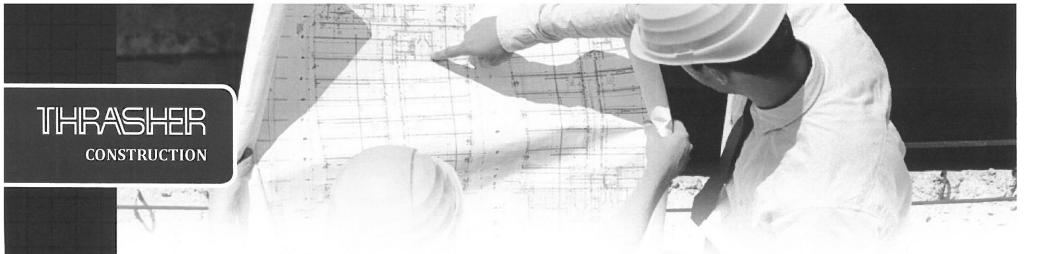
Engineering for site development is far from a "one size fits all" approach. Every project is unique and requires a blend of technical expertise, planning principals, efficient design, market realities, and the flexibility to seize opportunities. With our diverse staff, Thrasher has a winning combination of talent to take projects from design to reality.

At Thrasher, we understand that the design of a successful site development project must factor in economic landscape, political implications, and strategic planning that takes projects beyond engineering. The Thrasher team possesses expertise in every facet of development including site selection and planning, grading, storm water management, erosion and sediment control, permitting, and infrastructure design.

We pride ourselves on being a partner in projects that improve the quality of life for residents and provide economic sustainability to communities.

SITE DEVELOPMENT EXPERTISE:

- Industrial and Business Parks
- Mixed-Use Developments
- Athletic Facilities
- Federal Correctional Facilities
- Streetscapes and Sidewalk Planning
- Commercial Developments
- Single and Multi-Family Residential Development
- Primary, Secondary, and Higher Education Facilities
- Recreational Resorts and Guest Lodging
- Shopping Plazas



CONSTRUCTION MANAGEMENT

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, 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
- Structural Steel and Concrete
- Paving
- Drainage
- Embankments
- Work Zone Safety and Traffic Control
- Erosion and Soil Control

QUALITY CONTROL AND ASSURANCE METHODS:

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



LANDSCAPE ARCHITECTURE

Landscape architecture at Thrasher involves the design of landscapes on a variety of scales-from large, multifunctional sites to small, confined spaces. Innovative research into materials, lifestyles, and landscape technologies coupled with a deep understanding of how people use outdoor spaces informs our unique design process.

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

LANDSCAPE ARCHITECTURE SERVICES:

- Destination Resorts
- Business Parks
- Industrial Parks
- · Community Planning
- Design Guidelines
- Botanical Gardens
- Children's Gardens
- Residential Landscape Design

- Trail Design
- Recreational Facilities
- Water Features
- Schools
- Natural Playgrounds
- Irrigation Systems
- Native Restoration
- Monuments



SURVEY

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

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

GENERAL SURVEY SERVICES

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

GPS SURVEYS

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

ROUTE LOCATION SURVEYS

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

COAL AND ENERGY SURVEYS

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

Project Team

WEST VIRGINIA DIVISION OF NATURAL RESOURCES

CRAIG BAKER, AAIA, CEFPPrincipal-in-Charge

JEFF ROBERTS, AAIAProject Manager

LEE GUSTAFSON, AIALead Project Architect

KENTON BLACKWOOD, AAIA, LEEDAPProject Designer

HARPER ENGINEERINGMechanical, Electrical, and
Plumbing

JIM DECKER

Construction Manager/ Estimator

Craig Baker, AAIA Principal-in-Charge



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

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

Education:

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

Affiliations/Certifications:

- American Institute of Architects
- Council of Educational Facilities Planner
- West Virginia Energy Services Coalition

Related Experience Includes:

- Dominion Goshen Road New Facility Monongalia County, West Virginia
- Mountaineer Food Bank Expansion Project Braxton County, West Virginia
- Doddridge County Bus Garage and New Storage Facility- Doddridge County, West Virginia



Jeff Roberts, AAIA Project Manager



Jeff Roberts is an Associate AIA in the State of West Virginia. He joined Thrasher in 2009 following graduation from Fairmont State University. Jeff received his Bachelor of Science Degree in Architectural Engineering. Jeff specializes in client communication, project organization and design details of all types of architectural buildings. He has expertise in all CADD design programs related to architecture. As Project Manager, Jeff holds the responsibility for per-design work, client communication, construction document coordination, project scheduling, and construction administration.

A few of Jeff's qualities:

- Excellent client communication
- Attention to detail
- · Extensive knowledge of construction documentation
- In-depth understanding of project administration and construction management

Education:

• Bachelor of Science, Architectural Engineering - Fairmont State University

Registrations:

• Associate Member of AIA (American Institute of Architects)

Related Experience Includes:

- Dominion Goshen Road New Facility Monongalia County, West Virginia
- City of Oak Hill Police Station New Facility Fayette County, WV
- Marion County Health Department Renovations/Addition Marion County, WV
- Progress Centre II at White Oaks Business Park New Facility -Harrison County, West Virginia
- Oliverio's Pepper Plant New Facility- Harrison County, West Virginia
- Calhoun-Gilmer County Career Center Renovations Project-Calhoun County, West Virginia



Lee Gustafson, AIA Lead Project Architect



Mr. Gustafson brings over 35 years of experience to the table in both design and architectural management. Lee has a diverse portfolio of work that spans all facets of architecture:

- Academic facilities
- Athletic complexes
- Healthcare facilities
- Government and community buildings
- Office buildings

- Senior centers
- Apartment complexes
- Religious buildings
- Industrial facilities
- Site development

Lee has a profound ability to take a client's vision and shape it into a project that is not only realistic, but is Ecofriendly and aesthetically pleasing. With his understanding of funding agencies and grant programs, Lee is able to provide funding alternatives that get projects under construction quick.

Education:

• Bachelors of Science, Architecture - University of Cincinnati

Registrations:

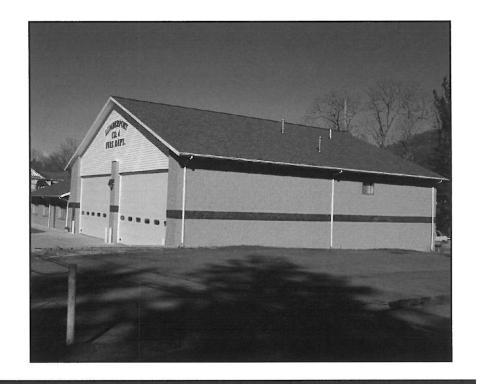
- American Institute of Architects (AIA)
 - · State of West Virginia, Maryland, and Pennsylvania

Affiliations/Certifications:

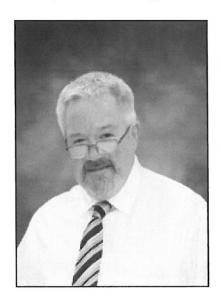
- SHPO Listed and Approved for Historic Preservation Work
- West Virginia Society of Architects
- AIA Committee on Architecture for Education
- AIA Committee on Architecture for Health Care
- AIA Committee on Architecture for Justice

Related Experience Includes:

- Romney Public Works Building New Facility Hampshire County, West Virginia
- **Dominion Goshen Road New Facility** Monongalia County, West Virginia



Kenton Blackwood, AAIA, LEED AP Project Designer



Kenton Blackwood has more than 32 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 \$75 million of construction. He joined Thrasher in 2014 and serves as a Senior Designer and Project Manager within the Architecture Department. Mr. Blackwood is well-versed in site evaluation and design, building program evaluation, planning and design, construction document development, bidding and construction administration, on-site construction observation, and is very knowledgeable in Fire/Life-Safety Code requirements and ADA/Accessibility Design Standards.

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

Education:

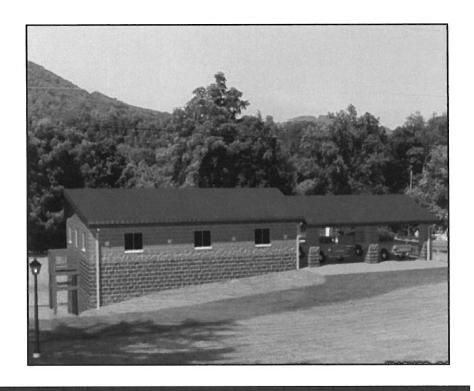
- Engineering Technology Program West Virginia University
- Architectural Technology Program Fairmont State University

Affiliations/Certifications:

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

Related Project Experience:

- **St. Marys High School New Construction** Pleasants County, West Virginia
- Keyser Primary School New Construction Mineral County, West Virginia
- Kasson Elementary School Repair/Renovations Barbour County, West Virginia
- Harrison County 4-H Recreational Facility Harrison County, West Virginia



James Decker Construction Manager/Estimator



Mr. Decker has 20 plus years of experience in construction estimating and management in the private arena as well as 10 years as the Facilities Director at Fairmont State University. Mr. Decker provides daily counsel to the architectural team, specific to inspections, site monitoring, cost control, schedules, contract administration, payment processing, shop and coordination drawings, change orders and project reports.

Jim's projects include: commercial offices, education, religious, banking, manufacturing, prisons and military structures. Jim enjoys spending time with his family, golfing and attending athletic events.

Jim has the right qualities to make your project a success:

- Excellent understanding of construction process
- Commitment to the community
- Ability to manage many projects
- Knowledge of the school industry

Education:

- Master of Science, Project Management Fairmont State University
- Bachelor of Science, Civil Engineering Technology Fairmont State University

Registrations:

- Licensed General Contractor
 - State of West Virginia

Highlighted Project Experience:

- Marion County Health Department Renovations and Addition -Marion County, West Virginia
- Dominion Goshen Road New Facility Monongalia County, West Virginia
- Romney Public Works Building New Facility Hampshire County, West Virginia
- Dominion Natrium Plant Processing Facility Additions- Monongalia County, West Virginia



Harper Engineering, Inc.

Mechanical, Electrical, and Plumbing

Harper Engineering, Inc Turning Ideas Into Reality

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

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

Services:

- Specialized K-12 school design SBA policies 6200 standards
- HVAC design plumbing design
- Heating and cooling load calculations pipe sizing
- Ductwork sizing fixture selection
- · Hydronic pipe sizing sprinkler design
- Equipment selection site utilities
- · Electrical design drafting

- Electrical load calculations specifications
- Panel and switch gear selection project management
- Lighting construction documents
- Fire alarm
- Site utilities
- Emergency generators
- Security and communications



Doddridge County Bus Garage and Storage Facility Related Experience







CONTACT

Mr. Rick Coffman Superintendent 103 Sistersville Pike West Union, WV 26456 304-873-2300

TYPE OF PROJECT Pre-Engineered Metal Building

PROJECT SIZE:

- 6,000 SF
 - 3 Drive-Thru Bays
 - 1 Mechanic Pit
 - Air Conditioned Offices
 - Restrooms
- Storage Area

Lumberport Volunteer Fire Department Related Experience







CONTACT

Mr. Tim Ankrom Fire Chief 315 Main Street Lumberport, WV 26386 304-584-4721

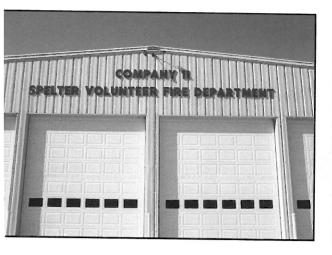
TYPE OF PROJECT
New Building

PROJECT SIZE:

6,260 SF

- 2 Stall Emergency Vehicle Garage
- Community Room
- Equipment Storage
- Sleeping Corridors
- Office Space

Spelter Volunteer Fire Department Related Experience







CONTACT Spelter Volunteer Fire

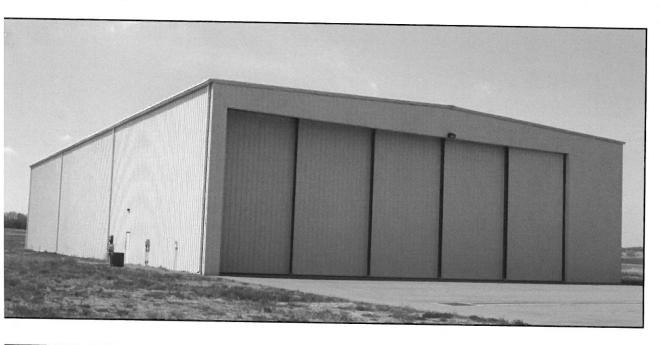
Department

TYPE OF PROJECT New Pre-Engineered Building

PROJECT SIZE: 10,000 SF

- 6 Stall Emergency Vehicle Garage
- Community Room
- **Equipment Storage**

Aurora Flight Sciences Related Experience





CONTACT

Mr. Rick Rock
Airport Manager
3000 East Benedum Industrial
Drive
Bridgeport, WV 26330
304-842-8100

PROJECT TYPE:

New Pre-Engineered Metal Building

PROJECT SIZE:

• 10,000 Total SF

Airport Maintenance-ARFF Facility (Benedum Airport) Related Experience





CONTACT

Mr. Rick Rock Airport Manager 2000 Aviation Way Bridgeport, WV 26330 304-842-3400

PROJECT TYPE:

New Pre-Engineered Metal Building

PROJECT SIZE:

• 12,000 SF

Oliverio's Pepper Plant Related Experience





CONTACT

Ms. Deanna Oliverio President 280 N. Ohio Avenue Clarksburg, WV 26301 304-622-4959

PROJECT TYPE:

New Pre-Engineered Metal Building

PROJECT SIZE:

- 10,700 SF of Warehouse Space
- 1,200 SF of Cooler / Freezer Space
- 4,400 SF of Office Space

Dominion Goshen Road Facility Related Experience





CONTACT

Mr. Warren Green
Facilities Manager
133 Goshen Road
Morgantown, WV 26508
304-669-4360

PROJECT TYPE:

New Pre-Engineered Metal Building

PROJECT SIZE:

 17,000 SF Building with Administrative Office Space, Storage and Garage

Pea Ridge Public Service District Related Experience





CONTACT

Ms. Dina Foster General Manager 500 Nova Street Huntington, WV 25705 304-736-6711

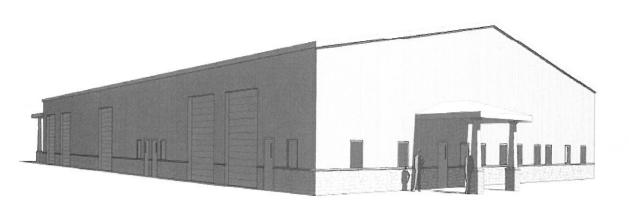
PROJECT TYPE:

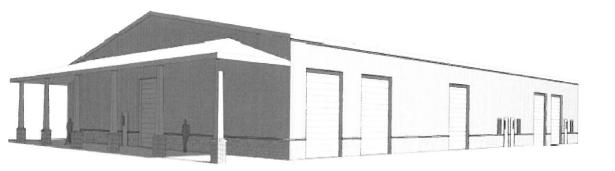
- · New Administration Building
- New Pre-Engineered Metal Building and Garage

PROJECT SIZE:

• Two (2) 2,624 SF Buildings

Boy Scouts of America Related Experience





CONTACT

Mr. Rob Ridgeway
Facilities Director
3049 Robert C. Byrd Drive
Beckley, WV 25801
304-252-9836

PROJECT TYPE:

- Maintenance Garage
- Offices
- Storage Space
- Meeting Rooms
- Locker Rooms

References

MR. JACK KEELEY
PRINCIPAL
HIGH TECH CORRIDOR
DEVELOPMENT, LLC
PO BOX 940
BRIDGEPORT, WV 26330
304-626-50969

MR. WARREN GREEN
FACILITIES MANAGER
DOMINION
133 GOSHEN ROAD
MORGANTOWN, WV 26508
304-669-4360

MR. WILL CHAPMAN
FACILITIES DIRECTOR
MCDOWELL COUNTY SCHOOLS
30 CENTRAL AVENUE
WELCH, WV 24801
304-436-6143

CERTIFICATIONAND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained 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)

(Company)

(Authorized Signature) (Representative Name, Title)

ph (304) 424-4108 fax (304) 6034-7831 (Phone Number) (Fax Number) (Date)

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: DNR1500000016

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)				
[X]	Addendum No. 1]]	Addendum No. 6
[]	Addendum No. 2	[]	Addendum No. 7
[]	Addendum No. 3	E]	Addendum No. 8
[]	Addendum No. 4	1]	Addendum No. 9
[]	Addendum No. 5	[]	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 Grup, Inc. Company Authorized Signature				

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing. Revised 6/8/2012

10-10-2014