



May 12, 2014

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

RE: *Statement of Qualifications for Architectural and Engineering Services for the Window Renovations to 5 WV State Armories - DEFK14026*

Dear Selection Committee:

The Thrasher Group appreciates the opportunity to submit our qualifications for the window renovations to 5 West Virginia State Armories in Parkersburg, Dunbar, Bluefield, Keyser and Welch or Point Pleasant, WV. Our company is fortunate to have a wide range of talents that is ideal for this type of project. With the recent acquisition of Blackwood Associates, our combined team of professionals, including Jim and Kenton Blackwood, is more than prepared to meet and exceed your expectations. Our experience with projects similar to this, coupled with our understanding of the intricacies involved with window renovation projects will be a tremendous benefit to the Army National Guard.

We are confident that we are the right firm for the project and will utilize the same project management principles that have been successful on other similar projects. With this said, it is imperative that your facilities remain in excellent condition. In order to guarantee this, regular maintenance is necessary to prevent deterioration over time. That's where Thrasher comes in. We specialize in renovation projects similar to this and will work with your team to make sure these armories look great for years to come.

We are looking forward to sharing our knowledge and experience with the Army National Guard. We've carefully and concisely responded to your request and assembled a familiar group of professionals to meet your project needs.

Sincerely,

THE THRASHER GROUP, INC.

CRAIG BAKER, AAIA
Principal-in-Charge

05/14/14 01:04:33PM
West Virginia Purchasing Division

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 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, it was confirmed that Thrasher acquired the Marion County-based Blackwood Associates architectural firm. Blackwood Associates brings over 40 years of experience throughout the state of West Virginia to the ever-growing Thrasher architecture division.

Throughout the past 5 years, Thrasher has grown from roughly 200 employees to the over 300 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 #37 on the Zweig White Hot Firms - Fastest Growing Firms in the Country.

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:

Charleston, WV
Bridgeport, WV
Princeton, WV
Beckley, WV
Oakland, MD
Fredericksburg, VA
Canton, OH

Thrasher Information:

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



THRASHER

The Thrasher Group, Inc.

With multi-discipline capabilities, Thrasher cover 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 successes 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
- Facility Planning
- 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 engineering firm than just technical design expertise. At Thrasher, our project managers and engineers focus on all aspects of "getting the job done."

Project Approach

Thrasher's project philosophy is very simple: we develop *long-term relationships*.

This fundamental business practice is what drives us to pursue opportunities where we get to work on meaningful projects such as the Armories window renovations. We use our perfected project management method to provide our clients with exceptional service and award winning projects that not only improve communities but provide peace of mind that your facilities will stand the test of time.

Thrasher believes there is significant value in maintaining existing structures. Our reputation of completing projects that enhance communities and urban environments is an important part of what we do. We hope the Division of Engineering and Facilities chooses to work closely with us on the completion of the multiple Armories window renovations because this will guarantee a successful outcome.



THRASHER

Project Approach

Kenton Blackwood will serve as your project manager. Mr. Blackwood is not a new face to the State of West Virginia, but he is to the Thrasher team. When Thrasher acquired Blackwood Associates in early April 2014, Mr. Blackwood brought his nearly 32 years of experience with him to the Thrasher team. Helping Kenton oversee this project will be Craig Baker. Craig has worked with the State of West Virginia in the past on several successful projects and will be heavily involved from a quality control perspective to ensure all your needs are met.

The combined teams first-hand knowledge of the intricacies involved with window renovation projects will make these projects seamless and not as burdensome on the State. The following steps will be used by our team throughout the projects.

Step 1. The first step will be to introduce the project team. Our highly qualified team of professionals will be available at all times to the Army National Guard through the completion of renovations to the 5 Armories.

Step 2. The second step will be to refine the project scope. Our team will spend the required time to nail down your exact needs.



Step 3. The third step will be to establish a detailed project time-line. The step will consist of determining a schedule that is least disruptive to the day to day activities at the various armories.

Step 4. The fourth step will be to complete bidding documents and obtain competitive bids within our project budget.

Step 5. The fifth step in our project approach consists of staying involved until the post project reviews are complete.

Our goal is to make these projects as seamless as possible for you and your staff.

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

Project Team

**STATE OF WEST VIRGINIA
DEPARTMENT OF ADMINISTRATION**

CRAIG BAKER, AAIA
Principal-in-Charge

KENTON BLACKWOOD, AAIA
Project Manager

LEE GUSTAFSON, AIA
Lead Architect

JIM DECKER
Construction Manager
Estimator

JIM BLACKWOOD, AIA
Quality Assurance/
Quality Control

HARPER ENGINEERING
Mechanical, Electrical,
Plumbing

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

Associations/Certifications:

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

Notable Experience Includes:

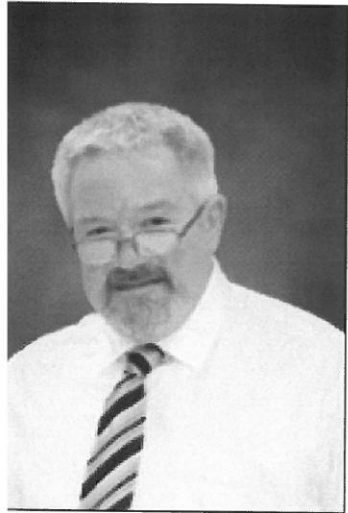
Camp Building 7 Interior and Exterior Renovation - Harrison County, West Virginia
Camp Upshur Marine Corps Base, Quantico, VA Interior Upgrades- Prince William County, Virginia
West Virginia Board of Pharmacy New Office Renovations - Harrison County, West Virginia
North Central West Virginia KCI/V-1 Service Airport Renovations - Harrison County, West Virginia
Marion Dixon Energy Fit-Out Project - Harrison County, West Virginia
Marion County Health Department Interior and Exterior Renovations and Addition - Marion County, West Virginia
Boy Scouts of America Welcome Center- Fayette County, West Virginia



Camp Upshur, Quantico, VA

Kenton Blackwood, LEED AP, AAIA

Project Manager



Kenton Blackwood has over 32 years of experience in the planning and design of various facilities throughout the state of West Virginia. He joined Thrasher in 2014 and serves as 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 and on-site construction observation.

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:

West Virginia University - Architectural curriculum

Accreditations/Certifications:

LEED Accredited Professional

Associate Member of American Institute of Architects

Notable Experience Includes:

Witchinson House Historic Restoration (AIA Craftmanship Award Winner) - Marion County, West Virginia

Dottrill's Opera House - Tucker County, West Virginia

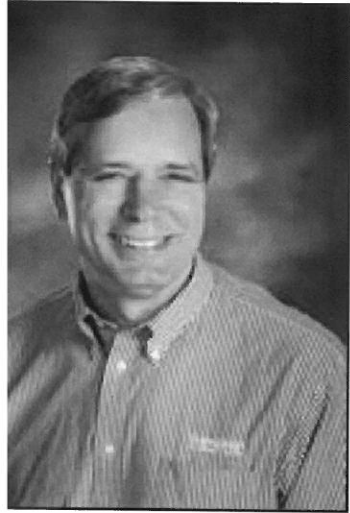
Wentzen Building Interior and Exterior Renovations - Marion County, West Virginia

Veterans Square Plaza and Parking Garage (AIA Award Winner) - Marion County, West Virginia

Maxton-Landstreet Building Interior and Exterior Renovations - Tucker County, West Virginia



Lee Gustafson, AIA Lead 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 Eco-friendly 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

Memberships/Certifications:

West Virginia Society of Architects

AIA Committee on Architecture for Education

AIA Committee on Architecture for Health Care

AIA Committee on Architecture for Justice

AIA-LEED Accredited and Approved for Historic Preservation Work

National Council of Architectural Registration Boards

Selected Experience Includes:

Naval Air Station Upshur Marine Corps Base, Quantico, VA Interior Upgrades- Prince William County, Virginia

West Virginia State University Joe Retton Arena Renovation Project- Marion County, West Virginia

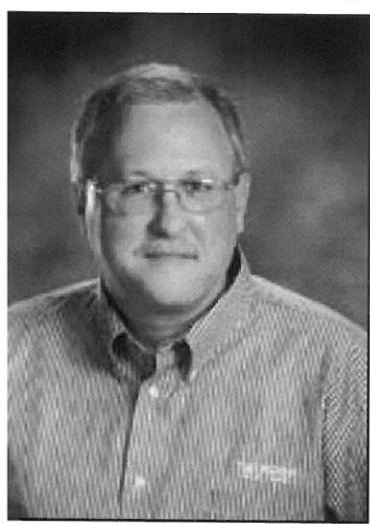
West Virginia State University Hunt Haught Hall Interior and Exterior Renovations- Marion County, West Virginia

West Virginia State University Feaster Center Addition and Interior Renovations- Marion 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.

A few of Jim's qualities:

- 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:

Fairmont State University Bryant Place Dormitory, 400 Bed Suite Style Student Housing Project - Marion County, West Virginia

MVA Shinnston Clinic Renovations - Marion County, West Virginia

Fairmont State University Feaster Center Addition and Interior Renovations - Marion County, West Virginia

Marion County Health Department Interior and Exterior Renovations and Addition - Marion County, West Virginia

Romney Public Works Building New Facility - Hampshire 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

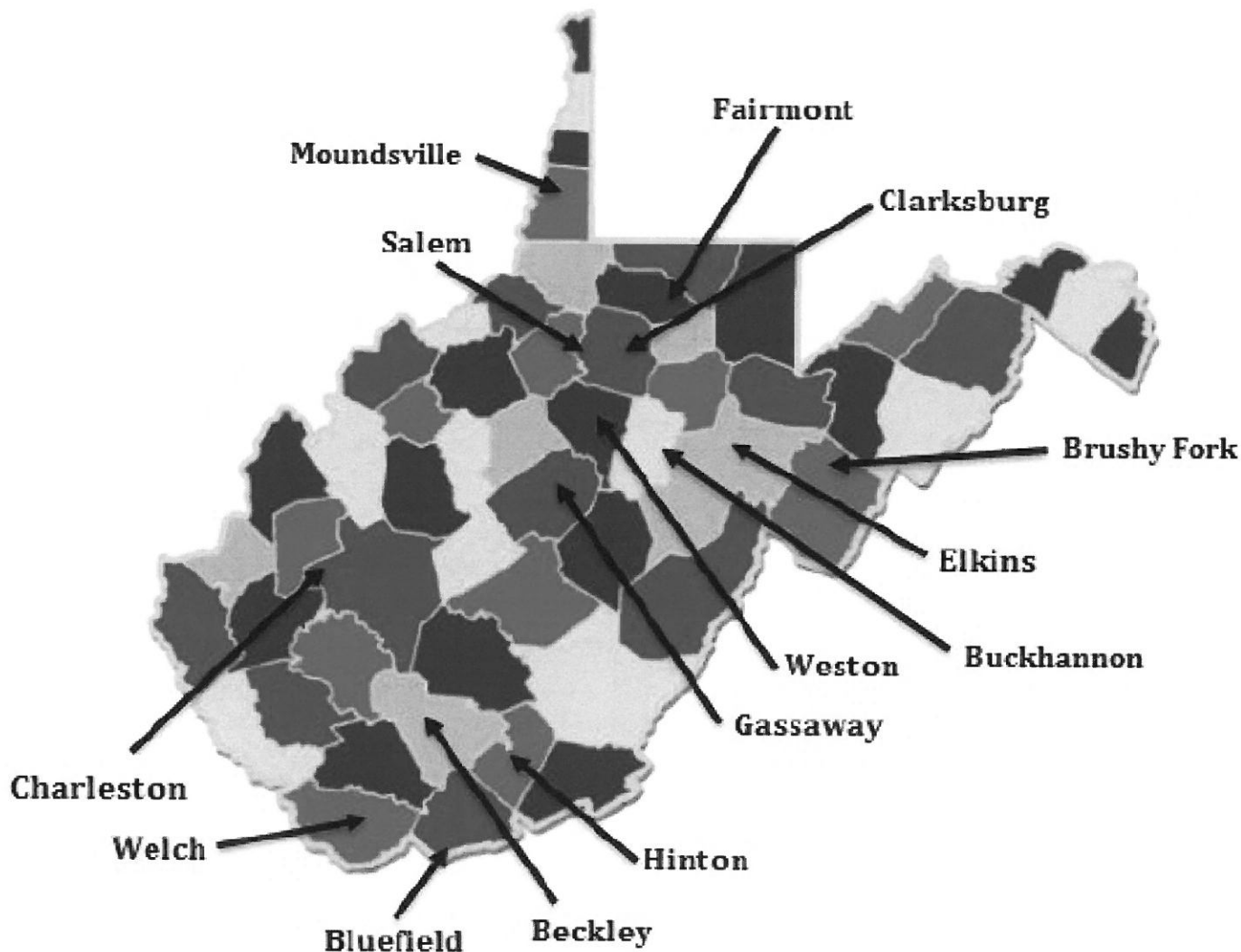
- Electrical load calculations specifications
- Panel and switch gear selection project management
- Lighting construction documents
- Fire alarm
- Site utilities
- Emergency generators
- Security and communications



THRASHER

West Virginia National Guard Armories Renovations, Upgrades and Structural Evaluations

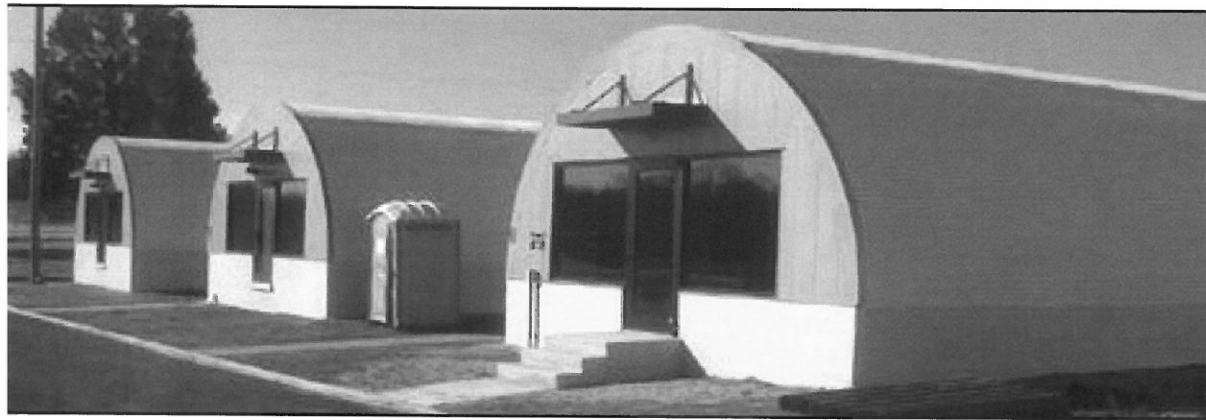
Senior Vice President of Gustafson & Associates, Inc., Lee Gustafson, Thrasher In-House Architect, completed renovation projects for approximately one-third of the Army National Guard Armories throughout the state of West Virginia. The work performed primarily included structural evaluations and investigation of laminated wood beam apparatuses, restroom upgrades to meet ADA compliance codes, fire alarm and life safety work, as well as the addition of stairwells and bleachers at some of the facilities. The map below shows the Armories where Mr. Gustafson has already completed renovation projects:



United States Marine Corps Camp Upshur Marine Core Base - Quantico, VA

QUANZIT STYLE BARRACKS:

Quanzit style barracks were renovated and are used for office space, housing and training rooms. The renovations to these facilities included exterior window replacement, new EPDM roofing, and new paint. For the interiors, all new walls were constructed, paint, new flooring, and updates to electrical and HVAC.



WAREHOUSE FACILITY:

Renovations to the warehouse facility, which was used for all on-site maintenance, included exterior façade upgrades such as new metal panels and entrance canopies, along with new windows. The interior renovations added new fire rated demising wall, sprinkler system, updated storage shelving, new lay in ceiling and lighting.



DC
VA
US
MC
A
P
C
A
T
C
H
E
R

THRASHER

United States Marine Corps Camp Upshur Marine Core Base - Quantico, VA

BATH HOUSE:

Renovations to the on-site bath house and restroom facility included exterior painting, roofing, and windows. Interior upgrades were all new flooring, restroom and shower stalls, new fixtures, ceilings, lighting, and updated HVAC equipment as needed.

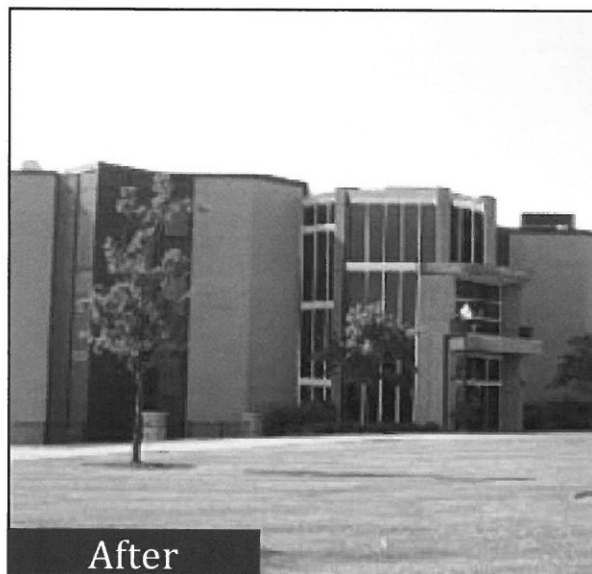
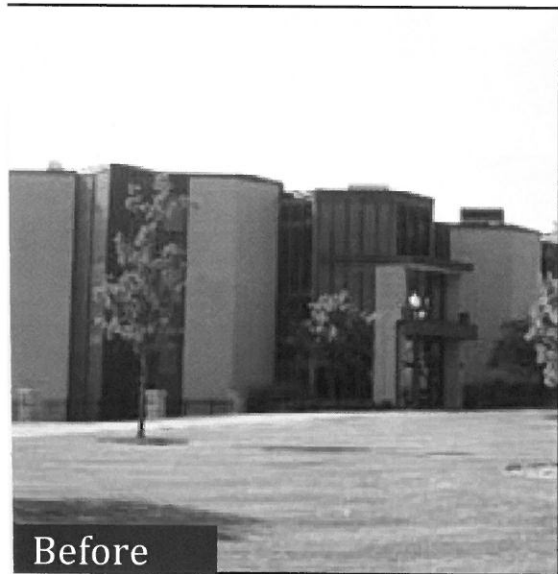


Fairmont State University Hunt Haught Hall Renovations

Thrasher provided all architectural services to plan, design, and provide construction administration for the renovation of Hunt Haught Hall at Fairmont State University. Renovations included replacement and repair of the glass curtainwall in the stair tower and numerous HVAC upgrades. Due to the fact the structure is over 30 years old and has endured abundant wear, the steel structure within the glass curtainwall had deteriorated from years of leaky windows and needed extensive work. The existing glass needed complete replacement to be compliant with energy efficiency guidelines set forth by FSU. The HVAC upgrades included the removal and replacement of existing roof top hot water boilers to comply with the energy standards.

The architectural team at Thrasher had to be mindful of several challenges while working on Hunt Haught Hall. The most important challenge was to avoid disrupting the everyday use of the facility. The team had to be fully aware of ingress and egress, safety concerns, as well as noise disruption during classes. Specific guidelines were developed and included into the bidding documents to allow a clear understanding of the expectations before bidding.

It was very important to FSU to keep the aesthetics of the building in tact and not to change its look too drastically. As seen below, Thrasher was able to make the upgrades without sacrificing the building's original feel.



Contact:

Fairmont State University
Mr. Tom Tucker, Facilities Manager
1201 Locust Avenue
Fairmont, WV 26554
304-367-4861

Project Description:

- project included HVAC and window replacements to comply with energy efficiency standards
- construction requirements were set forth in bid documents to regulate disruptive construction activity during classes
- made necessary upgrades while maintaining building aesthetic as requested by FSU

Department of Health and Human Resources Hopemont Hospital Exterior Upgrades



Contact:

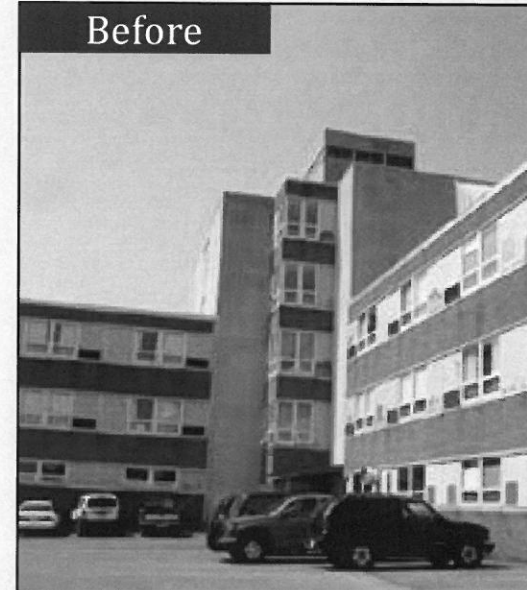
David Hildreth

1-304-558-3062

David.J.Hildreth@wv.gov

Project Description:

Major exterior upgrades at Hopemont Hospital in Preston County. Work included removal of all existing windows and insulated panels and complete replacement of the metal support system and flashing with proper thermal break material. The work also includes the installation of new energy efficient panels and reinstallation of the existing windows.



Barbour County Career and Technical Center Interior / Exterior Renovations



Contact:

Mr. Glen Sweet
Barbour County Board of Education
3 North High Street
Philippi, WV 26416
304-457-3030

Project Description:

This project consisted of a complete interior renovation package and a sprinkler system upgrade. The work consisted of the replacement of all ceiling tiles, flooring, and base throughout as well as all windows and exterior doors. Once the complete interior, windows, and exterior doors were complete, a new HVAC system was installed.

As part of this project, a former Tech Ed. classroom was transformed into a high tech, interactive learning environment. Portions of this project were completed as part of an Energy Performance Contract where energy savings generated from the upgrades will pay down the construction costs over time.

Marion County Board of Education Fairmont Senior High School Renovations



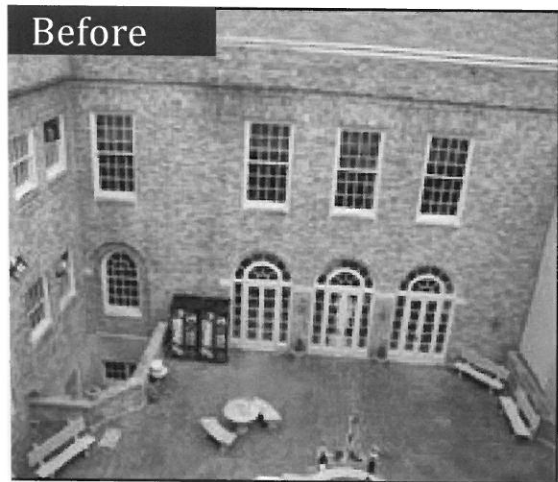
Contact:

Marion County Schools
Gary Price
200 Gaston Avenue
Fairmont, WV 26554
1-304-367-2107
gprice@access.k12.wv.us

Project Description:

The recently completed Fairmont Senior High School Renovations & Upgrades Bond Project included exterior and interior renovations and a new media center/library. Normal school operations continued throughout the entire construction period without any delays or interruptions. The total renovation cost using several funding sources (QZAB, Local, SBA and Federal Stimulus) was in excess of \$11.0 million. An unused courtyard in the center of the school was turned into a state-of-the-art multi-story media/library center under a skylighted ceiling.

Work included removal of existing windows, removal and replacement of HVAC system, installation of new windows, installation of sprinklers, installation of ceilings, plaster patching, removal and replacement of lighting, and removal and replacement of fire alarm.



Mt. View High School, McDowell County Window Replacement



Mount View High School windows prior to replacement.



Mount View High School replacement windows are being installed.

Contact:

Mr. William Chapman
McDowell County Schools
30 Central Avenue
Welch, WV 24801
304-436-8441

Project Description:

The Thrasher Architecture team has completed several upgrades and enhancements to facilities in McDowell County for McDowell County Schools in the past few years.

Work at Mt. View High School included:

- Complete replacement of 140 windows throughout Mount View High School
- Replacement included all sills and jambs



Old Mount View High School windows prior to replacement.

Division of Juvenile Services Innston School Renovations



Contact:

WV Division of Juvenile Services
Joe Merendino, Superintendent
304-782-2371

Project Description:

Project involved renovations to an old school building located on the grounds of the WV Industrial Home for Youth in Industrial, WV. The purpose of the original study was to determine the feasibility of renovating the structure to again serve as an educational facility.

The final report and cost estimates led to a recommendation to the State of West Virginia to renovate the present building in lieu of constructing a new facility.

Renovations included exterior masonry repair, new roof, new windows, utility, safety, technology, security and cosmetic upgrades.

References

MR. WARREN GREEN
FACILITIES PROJECT COORDINATOR
DOMINION
445 W. MAIN STREET
CLARKSBURG, WV 26301
304-669-4360

MR. LLOYD WHITE
DIRECTOR
MARION CO. HEALTH DEPT.
300 2ND STREET
FAIRMONT, WV 26554
304-366-3360

MR. KEVIN STEAD
CITY MANAGER
CITY OF GRAFTON
11 EAST MAIN STREET
GRAFTON, WV 26534
304-265-1412

