

December 8, 2008

West Virginia Regional Jail Authority
C/o State of West Virginia Department of Administration
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305

*RE: Expression of Interest – Regional Jail System Various Projects
Requisition # RJCMNT001*

To Whom It May Concern:

As we celebrate our 25th year of business, Thrasher Engineering, Inc. is pleased to have the opportunity to submit this expression of interest and qualifications to provide engineering design services for the roof replacements and HVAC work at West Virginia Regional Jails. We, along with Harper Engineering – our sub-consultant for the HVAC and Air Handler Unit services -will provide the Regional Jail Authority with quality service in a timely and cost efficient manner.

In addition to our technical and practical expertise, our team offers many qualifications that make us the right choice for your project, including:

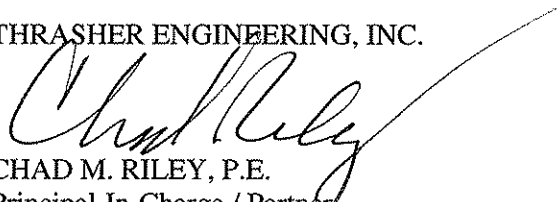
- ❑ ***Experience with Membrane Roof Replacement Projects.***
As demonstrated in this expression of interest, we have provided architectural services for numerous roof replacement projects utilizing rubber membrane roofs, many of which included the replacement of rooftop HVAC systems.
- ❑ ***Engineering Approach to Architecture.***
We believe in functional, durable and easily maintained designs for results that fit into practical budgets. We take an engineering approach to detailed specifications and construction documents to ensure the contractor bids received meet the funding available.
- ❑ ***Priority:*** Although our architectural design team has over forty years of combined experience, our architectural division is young and growing. By virtue of that, our current work load will allow us to place the projects as priorities. We will work as a team with you to determine your needs and design the rehabilitations to meet and exceed your expectations and the regulations required of state agencies.

Enclosed please find one (1) original and (5) copies of our proposal containing *Qualifications Management and Staffing Capabilities, Related Prior Experience and References along with our Purchasing affidavit.*

The Thrasher Engineering, Inc. team looks forward to the opportunity to meet with you to discuss how we can contribute to the success of this project.

Sincerely,

THRASHER ENGINEERING, INC.



CHAD M. RILEY, P.E.
Principal-In-Charge / Partner



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

Request for Quotation

RFQ NUMBER:
RJCMNT001

PAGE:
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
**JOHN ABBOTT
 304-558-2544**

RFQ COPY

TYPE NAME/ADDRESS HERE
 Thrasher Engineering, Inc.
 PO Box 1532
 Clarksburg, WV 26301

REG'L JAIL & CORR'L AUTH'Y
 1325 VIRGINIA STREET EAST
 CHARLESTON, WV
 25301 304-558-2110

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/17/2008				

BID OPENING DATE: **12/09/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL CONTRACT TO PROVIDE ARCHITECT AND ENGINEERING SERVICES TO THE WEST VIRGINIA REGIONAL JAIL AUTHORITY FOR VARIOUS PROJECTS WITHIN THE REGIONAL JAIL SYSTEM, PER THE SPECIFICATIONS. NOTICE A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID BUYER: JOHN ABBOTT RFQ. NO.: RJCMNT001						

SIGNATURE <i>[Signature]</i>				TELEPHONE 304-624-4108		DATE December 8, 2008	
TITLE Principal-In-Charge				FAX 55-0633596-6		ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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

Request for Quotation

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ADDRESS CORRESPONDENCE TO ATTENTION OF:
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SHIP TO

REG'L JAIL & CORR'L AUTH'Y

1325 VIRGINIA STREET EAST
 CHARLESTON, WV
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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/17/2008				

BID OPENING DATE: **12/09/2008** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>BID OPENING DATE: 12/09/2008</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- 304-624-7831 -----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): ----- Craig Baker, Project Manager -----</p> <p>***** THIS IS THE END OF RFQ RJCMNT001 ***** TOTAL: _____</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: 304-624-4108 DATE: 12-8-2008

TITLE: Principal-In-Charge FEIN: ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated.

Vendor's Name: Thrasher Engineering, Inc.

Authorized Signature:  Date: 12-08-2008

Statement of Qualifications

A. As the largest West Virginia owned and operated civil engineering and architectural firm, Thrasher Engineering, Inc. offers the disciplines necessary for the design and construction of the renovations of roof and HVAC facilities for the WV Regional Jail Authority. Our in-house services include structural engineering, architecture, interior design, survey, construction management and materials testing. We will utilize the services of Harper Engineering, Inc. to provide Mechanical-Electrical-Plumbing engineering design services for this project

B. The majority of Thrasher Engineering, Inc.'s projects are funded by federal or state sources or a combination of the two. As a result, our projects meet and exceed the design standards and regulations set forth by State and Federal agencies. Harper Engineering also has extensive project experience with renovations of state owned buildings

Thrasher Engineering, Inc. provides the West Virginia Regional Jail Authority the advantage of providing the full scope of services for its planned renovation under single corporate management.

Founded in 1983, Thrasher Engineering, a West Virginia owned and operated full-service company has provided engineering design and construction services for infrastructure throughout the State of West Virginia for 25 years.

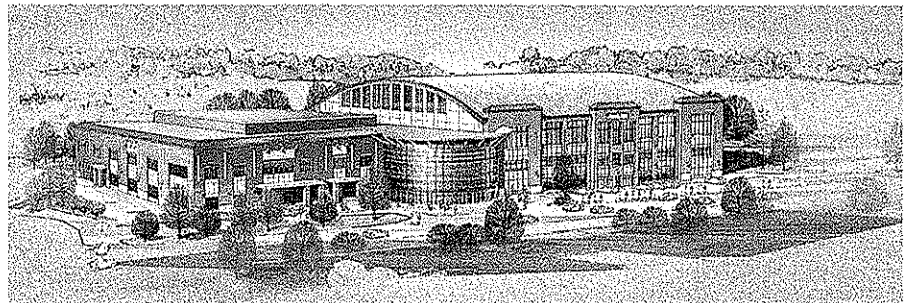


Throughout our history, Thrasher Engineering has provided site development planning and engineering design services for many successful building projects, working with numerous architectural firms and contractors. Based on that success, in 2004, we added architectural design to the scope of services we provide in-house.

Architectural / Engineering Qualifications

Exceptional customer service, versatility, quality and experience are the benefits realized by the selection of Thrasher Engineering.

Our architects bring over 30 years of experience to the project; a balance of aesthetics, functional design and maintainability is the base of their design. These abilities have been demonstrated in the design and construction of new facilities, in addition to



Conceptual plan for Sports / Education Facility for Glenville State College

renovation projects as shown as examples in this proposal. In addition to our ability to provide the necessary services for architecture, civil engineering and field services under **single corporate management**. We manage all aspects of the project, including those performed by our sub-contractors.

Thrasher Engineering has provided feasibility studies, design, bidding and construction phase services for **over \$500 Million** in construction for infrastructure and building projects **within the State of West Virginia**.

Simply stated, there is no other West Virginia civil engineering firm that can surpass Thrasher Engineering in the quality of service and technical ability necessary to meet the needs of the West Virginia Regional Jail Authority.

SERVICES

ARCHITECTURE

With over 40 years of combined experience, our architecture team bases their work on a balance of aesthetics with functional design and maintainability. Thrasher Engineering, Inc. offers the following services that relate to the project:

- ❖ ***Project Management***
- ❖ ***Space Analysis***
- ❖ ***Preliminary Review and Final Design***
- ❖ ***Regulatory Agency Permit Application***
- ❖ ***Preparation of Construction and Bidding Documents***
- ❖ ***Construction Inspection and Oversight***
- ❖ ***Construction Administration***



The renovations and expansion of the WBOY offices required a roof replacement

The additional services Thrasher Engineering will offer in relation to the Authority's projects include structural engineering, and construction management/ inspection and materials testing.

MECHANICAL-ELECTRICAL-PLUMBING DESIGN

The only service that Thrasher Engineering, Inc. sub-contracts for our building projects is for Mechanical, Electrical and Plumbing design. However, we consider these designers as a part of our team and represent them under our ***single contact management method***. For your project, we will utilize the services of ***Harper Engineering***.

Harper Engineering is an innovative new engineering firm serving architects, owners, and contractors throughout the state. They offer full service commercial and industrial engineering with over 60 years of combined experience striving to offer the best service at the most competitive rates.

CONSTRUCTION MANAGEMENT: Knowledgeable and experienced personnel necessary to manage the construction phase are assigned to each of our projects.

Project managers and inspectors are experienced in all types of construction activities. From utilities, site development and storm water management to roads, bridges and airports, they apply construction management and inspection expertise to ensure successful projects. Both construction managers and inspectors have years of experience; many of whom are certified by the West Virginia Department of Transportation / Division of Highways for roadwork and materials testing.

Construction Management and Project Administration Services include:

- Site Layout
- Construction Stakeout
- Inspection
- Quality Control

MATERIALS TESTING

Thrasher Engineering's Materials Testing Department is capable of performing a wide range of field and laboratory tests. The laboratory at our Clarksburg, WV office is certified both nationally and by the State of West Virginia. Additionally, engineers and technicians who perform tests both in the field and in the lab are certified by the State.

Services Include:

- Concrete Testing and Inspection
- Soil Testing and Inspection
- Aggregate Testing and Inspection
- Mortar and Grout
- Asphalt
- Paint Coatings
- Sprayed-on Fireproofing
- Subsidence Inspecting
- Caisson and Piling Inspection

MANAGEMENT AND STAFFING CAPABILITIES

The expertise of the Thrasher Engineering team is a combination of education and experience; it is reflected in all aspects of our services. The firm is led by a talented group of principals and partners who are dedicated to the success of our projects and the satisfaction of our clients.

Serving as Principal-In-Charge, will be **Chad Riley, P.E.** He received his Bachelor of Science in Civil Engineering Technology from Fairmont State University and oversees architectural and site development projects, many of which include the design and construction of buildings. Mr. Riley has experience working with architects on the structural aspects of site development projects.

Craig Baker, Associate AIA, will serve as **Project Manager**; in this capacity, he will be the Commission's primary point of contact and be responsible for the administrative aspects including cost control, and project schedule. Mr. Baker received his B.S. in Architectural Engineering at Fairmont State University in 2001 and his A.S. in Architectural Engineering at Fairmont State University in 1999.

Lee Gustafson, AIA of will be the Senior Architect for this project. Mr. Gustafson is a graduate of the University of Cincinnati, with a Bachelor of Science degree in Architecture. Through his practice, Mr. Gustafson has extensive experience in the design and oversight of construction for numerous projects for federal and state owned

buildings and provided architectural design for the projects included as experience in this Expression of Interest. In this capacity he will design and oversee all work performed by any sub-consultants.

Jason Harper, P.E. of Harper Engineering will be responsible for oversight of design and construction for Mechanical-Electrical and Plumbing Services. Mr. Harper recently formed Harper Engineering after 10 years of experience with another West Virginia MEP firm. Working with Mr. Harper will be **Rick Standish** and **Scott Phillips**.

The team will utilize the broad experience of Thrasher Engineering's staff of professional Engineers, CADD operators, construction managers, survey teams, testing personnel and administration staff to provide you with a successful project.

Resumes of all key team members follow.

Chad Mitchell Riley, P.E.

Principal-In-Charge / Site Development Manager

Mr. Riley joined Thrasher Engineering in 1996 and became a partner in the firm in 2004. His past experience with the firm has included survey and construction management / inspection responsibilities; he now holds the responsibility of Site Development Manager and lead engineer for site development projects. The focus of these projects is for the development of industrial and business parks, multi-use developments and long-term, multi-phase infrastructure improvement and building projects. He has extensive experience in working with both Federal and State funding agencies, including the US Department of Commerce, Economic Development Authority and the State of West Virginia Development Office.

REPRESENTATIVE PROJECTS

Mr. Riley is currently, or has served, as Project Manager for numerous economic development projects throughout the State of West Virginia. In this capacity, he holds ultimate responsibility for client communication, engineering design, funding issues, construction document preparation, bidding, and construction management.

SITE DEVELOPMENT PROJECTS

- ❑ FAIRMONT STATE UNIVERSITY: 10-YEAR INFRASTRUCTURE IMPROVEMENTS PROJECT:
 - Utilities, Roadways, Sidewalks, Storm Drainage, Utility Relocation
 - Parking Garage
 - Falcon Center (Student Activity Center)
 - Bryant Place Dormitory
- ❑ RALEIGH COUNTY MEMORIAL AIRPORT INDUSTRIAL PARK
- ❑ McDOWELL COUNTY PRISON
- ❑ PINECREST BUSINESS AND TECHNOLOGY PARK –RALEIGH COUNTY, WV
- ❑ WOLF CREEK PARK “LIVE, WORK AND PLAY” COMMUNITY – FAYETTE COUNTY, WV
- ❑ CHARLES POINTE DEVELOPMENT – BRIDGEPORT, WV
 - Mass Grading, Roadways, Sidewalks, Utilities
 - Conference Center
- ❑ WOOD PRODUCTS INDUSTRIAL PARK – MINGO COUNTY, WV
- ❑ PUTNAM COUNTY INDUSTRIAL PARK
- ❑ BELINGTON INDUSTRIAL PARK – BARBOUR COUNTY, WV
- ❑ FEDERAL BUREAU OF PRISONS
 - Glenville Correctional Institute – Gilmer County, WV
 - Canaan U.S. Penitentiary / Federal Prison Camp

EDUCATION

FAIRMONT STATE UNIVERSITY – Bachelor of Science, Civil Engineering Technology

REGISTRATIONS

- ❑ Registered Professional Engineer, State of West Virginia
- ❑ Registered Professional Engineer, State of Maryland
- ❑ WVDOH Certified Concrete Technician
- ❑ WVDOH Certified Compaction Technician

AFFILIATIONS

- ❑ Fairmont State University Technology Advisory Committee

Resume

Craig M .Baker, Associate AIA **Architectural Project Manager / Architect**



Mr. Baker serves Project Manager for numerous public and private architectural projects throughout the State of West Virginia. In this capacity, he holds responsibility for client communication, scheduling, construction document preparation, bidding, and construction management.

- ❑ Rahall Center at the Woodlands (Beckley, WV)
- ❑ Shenandoah Office Park (2 Multi-Story Office Buildings – Martinsburg, WV)
- ❑ Pea Ridge Public Service District Service Building
- ❑ Mon Valley Bank (Bridgeport and Martinsburg, WV)
- ❑ Horizon Church, Lost Creek, WV
- ❑ Cortland Acres Medical Records Department, Thomas WV
- ❑ Oak Hill Police Station, Oak Hill, WV
- ❑ Glenville State Convocation Center, Glenville, WV
- ❑ Morgantown AES Credit Union, Morgantown, WV
- ❑ Elkins Hospice Center, Elkins, WV
- ❑ GSA/ Co-op Office, Martinsburg, WV
- ❑ GSA / Public Defenders Office, Martinsburg, WV

REPRESENTATIVE PROJECTS

Past Experience (Other Firms):

- ❑ Fieldcrest Hall Renovations, West Virginia University, Morgantown WV
- ❑ Grant Franklin Jr. M.D Office Building, Fairmont WV
- ❑ Bridgeport City Building, Bridgeport, WV
- ❑ Therapy Services, Morgantown, WV
- ❑ Uniontown Senior Housing Facility, Uniontown, PA
- ❑ Willowdale Mixed Use Facility, Morgantown, WV
- ❑ F.B.I Fingerprint Facility, Fairmont, WV
- ❑ Med Express Urgent Care, Morgantown, WV
- ❑ Mon Schools Foundation Bus Garage, Morgantown, WV
- ❑ Burroughs Street Senior Housing Facility, Morgantown, WV
- ❑ Texas Roadhouse Restaurants, Morgantown, Clarksburg WV & Greensburg, Washington PA

EDUCATION

Bachelor of Science—Architecture Engineering Fairmont State University

PROFESSIONAL AFFILIATIONS:

American Institute of Architects- Associate, West Virginia #1500 - Student

HONORS AND AWARDS:

Bachelors Level Design Award, 2000 Fairmont State University

PROFESSIONAL AND CIVIC INVOLVEMENT: President American Institute of Architecture Students, Fairmont State University, 1999-2000

Lee O. Gustafson, AIA
Lead Architect



Prior to joining Thrasher Engineering in 2005, Mr. Gustafson a sole-proprietorship firm specializing in educational and health care facilities. Additionally, he provides architectural services for military installations, apartment complexes, office buildings and structures associated with Thrasher Engineering's site development projects. A graduate of the University of Cincinnati, Mr. Gustafson brings over thirty years of experience to the team, with over twenty-five of those years designing and managing projects throughout the State of West Virginia.

REPRESENTATIVE PROJECTS

- ❑ Rahall Center at the Woodlands
- ❑ Lumberport Volunteer Fire Department
- ❑ Spelter Volunteer Fire Department
- ❑ Shenandoah Office Park (2 Multi-Story Office Buildings – Martinsburg, WV)
- ❑ Mon Valley Bank (Bridgeport , Fairmont and Martinsburg, WV)
- ❑ Horizon Church, Lost Creek, WV
- ❑ Cortland Acres Medical Records Department, Thomas WV
- ❑ S.T.A.R Training Facility, Parkersburg, WV
- ❑ Glenville State Convocation Center, Glenville, WV
- ❑ West Virginia University Eye Institute; New Construction
- ❑ West Virginia University Ruby Memorial Hospital; Renovations
- ❑ Salem International University Randolph Hall, ADA Compliance and Fire Code Upgrades
- ❑ Erickson Alumni Center; New Construction
- ❑ Horizon Church and Education Complex; New Construction
- ❑ United Hospital Center; Renovation, ADA Compliance and Fire Code Upgrades
- ❑ William R. Sharpe, Jr. Hospital; Renovation, ADA Compliance and Fire Code Upgrades
- ❑ Grant County Nursing Home; New Construction, Additions and Renovations
- ❑ Tucker County Senior Center, New Construction
- ❑ Harrison County Board of Education

EDUCATION

Bachelor of Science, Architecture, 1975 - University of Cincinnati

REGISTRATION

American Institute of Architects (AIA), State of West Virginia
Certification, National Council of Architectural Registration

PROFESSIONAL AFFILIATIONS:

West Virginia Society of Architects
A.I.A. Committee on Architecture for Education
A.I.A. Committee on Architecture for Health Care
A.I.A. Committee on Architecture for Justice

HE H a r p e r E n g i n e e r i n g

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Jason E. Harper, PE
(304)-541-1390
jason@harperengwv.com

Education

West Virginia University Institute of Technology
Montgomery, WV
Bachelor of Science-Mechanical Engineering

Registrations/Professional Affiliations

WV licensed Professional Engineer
ASHRAE

Experience

Jason E. Harper, PE brings 6 years design experience to our firm. He has experience with HVAC and piping design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

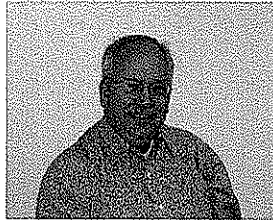
Projects

Stonewall Jackson Hospital Endoscopy Renovations
Lewisburg Readiness Center
Dominion Gas Office Building
Mylan Pharmaceuticals Expansion
Oak Hill Police Station

Independence High School HVAC
Liberty High School HVAC
Renovations to Glenville ES
Moses Factory Outlet-Teays Valley
ARH-CT Scan Renovations

HE H a r p e r E n g i n e e r i n g

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Richard M. Standish
(304)-722-3206
Rick@harperengwv.com

Registrations/Professional Affiliations

ASHRAE

Experience

Richard M. Standish brings 36 years design experience to our firm. He has experience with HVAC, plumbing, and electrical design. His specialty is the electrical design of water treatment and wastewater treatment plants. Rick's projects include treatment plants, educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Projects

Brooke County High School
University of Charleston Dorm
Tri-State Gaming Center
Mylan Pharmaceuticals Expansion
Mason Co. 911 Center
Oak Hill Police Station
Kenova WTP
Boone County WWTP
Salt Rock PSD
Eleanor Maintenance Facility

Wyoming West High School
WVU- Boreman Hall
Greenbank Observatory
Robert Byrd Health Science Center
WV DEP Consolidated Offices
Flatwoods-Canoe Run PSD
Union PSD
City of St Mary's WWTP
St. Albans WTP
Dominion Gas Office Building

HE H a r p e r E n g i n e e r i n g

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Scott D. Phillips
(304)-722-3602
Scott@harperengwv.com

Education

Ben Franklin Career and Technical Center
Dunbar, West Virginia
Certificate: Mechanical Drafting

Registrations/Professional Affiliations

American Society of Plumbing Engineers

Experience

Scott D. Phillips brings 25 years design experience to our firm. He has experience with plumbing and fire suppression system design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Projects

Renovations to Glenville ES
Capital High School
Brooke County High School
Oak Hill Police Station
Mylan Pharmaceuticals Expansion
Dominion Gas Office Building

Salem Industrial Home for Youth
Martinsburg Correctional Facility
Charleston Gardens Assisted Living
Moses Factory Outlet- Teays Valley
WVU- Boreman Hall Sprinkler

C. REPRESENTATIVE PROJECTS

The information provided about these representative projects displays the scope of our work in relation to the needs of your projects at the three Regional Jail locations

Pendleton Nursing Home

Client:

Pendleton Nursing Home
Anna Mae Harman
304-358-2322

Project Classification:

Roof Replacement
HVAC Replacement

Building Size:

28,000 Square Feet

Cost:

\$516,000

Roof & HVAC Replacement

Scope of Services:

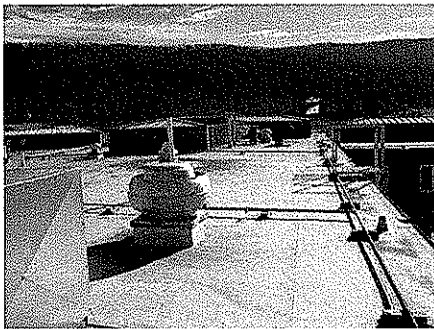
This project includes design and construction of a new rooftop heating, ventilation and air conditioning system, and metal enclosure for the ductwork for approximately 28,000 square feet of the existing Pendleton Nursing Home.

The new roof enclosure work consisted of constructing 5,900 square feet of metal framed cupola type structures with metal studs, batt insulation, non-combustible sheathing for floor and walls and removal of the existing roof within the enclosed area.

The roof outside of the enclosure was also replaced. This project consisted of removing the existing EPDM roofing, patching existing insulation, adding tapered insulation and re-roofing. The HVAC replacement consisted of the removal and replacement of exhaust systems and the installation of all new rooftop HVAC units and duct systems. These duct systems have main runs in the new enclosure supply, return air duct drops in the corridor ceiling space and exhaust duct drops through restroom ceilings.

Electrical wiring and new fire alarm systems were also included in this project.

All work had to be completed with fully occupied conditions.





WBOY-TV Station Renovations

This project consisted of combining and unifying three adjacent properties, both physically and aesthetically, into one complex. The majority of the work was in the 12,000 square foot new office renovation for marketing, administration, bookkeeping, computers, conferences and business functions. Within the renovation was roof replacement utilizing rubber membrane roofing. This addition allowed for the expansion of the existing news room, engineering and employee lounge facilities.



Client:

WBOY-TV
P.O. BOX 1590
CLARKSBURG, WV 26301
304-623-3311

Location:

Harrison County, WV

Project Cost:

\$500,000

Size:

25,000 Square Feet

Salem University Renovations



Randolph Hall at Salem
International University

Client:
Salem International University
304-782-5287

Location:
Harrison County, WV

Project Cost:
\$600,000

Building Size:
18,000 Square Feet

This project consists of renovating the Randolph Hall Dormitory at Salem International University. This building had been vacant for nine years. One aspect of the project included replacing the roof with ballasted rubber. This building consisted of four floors, with sixteen rooms per floor and a student lounge area. The work included asbestos abatement, new doors and windows, wardrobes, finishes for flooring, walls and ceilings, mechanical and electrical systems, fire alarm systems, telephone and cable television systems and restrooms. This project also included a new lounge and apartment area, site work and demolition of an existing home for a new parking area.

Van Horn Elementary School Renovations

Client:
Harrison County Board of Education
P.O. Box 1370
Clarksburg, WV 26301

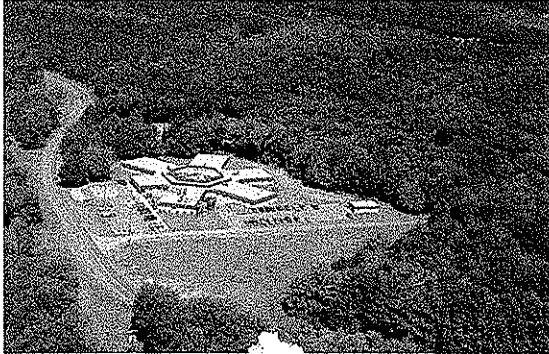
This project consisted of roof and window replacement and general building renovation of Van Horn Elementary School located in Salem, West Virginia. This general building renovation was part of a general bond issue and corrected fire code deficiencies, HVAC and electrical restorations and general finish improvements.

Location:
Harrison County, WV

Project Cost:
\$250,496

Building Size:
28,300 Square Feet

Cortland Acres Master Planning for Housing, Clinic, Adult & Child Daycare, & Future Replacement Facility



Client/Contact:

Cortland Acres Nursing Home
Don Black, Administrator
304-463-4181

Location:

Thomas, WV

Project Status:

Completed

Wellness & Therapy Addition

This 3,460 square foot addition replaced the existing Physical and Occupational Therapy areas and greatly increased the space to include Outpatient Therapy and Community Fitness programs. The gym will house therapy and fitness equipment, and provide open floor space for a variety of fitness activities.

Construction in general is a wood frame with brick veneer and mansard fascia and EPDM roofing to match the existing building.

The "Endless Pool" is a first of its kind in this region of the state and allows for continuous walking and swimming against a steady current or therapeutic massage from the hydro jet system. Administrative areas include Outpatient Reception, Waiting Room, and Shower Rooms, as well as Offices, Record Rooms, and Private Treatment Rooms.

Construction in general is a wood frame with brick veneer and mansard fascia and EPDM roofing to match the existing building. Special features include high transom windows and cushioned vinyl flooring in the gym to allow for both natural light and a view of the wooded surroundings.

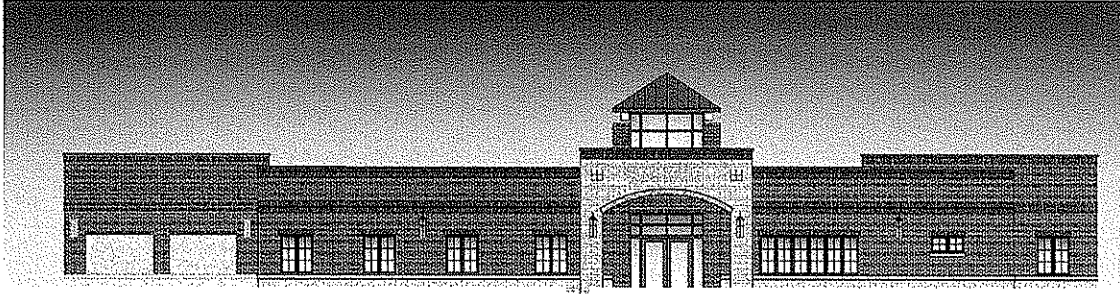
Addition Size:

3,460 Square Feet

Cost:

\$461,925

*City of Oak Hill Police Department
Oak Hill, West Virginia*



Client:

City of Oak Hill, West Virginia
Oak Hill Police Department
100 Kelly Ave.
P.O. Box 1245
Oak Hill, WV 25901
(304) 465-0596
(304) 465-0729 FAX

Michael W. Whisman Jr. - Chief

Project Cost:

\$1,450,000.00

Building Size:

6500 Square Feet

This project consists of planning, design and development of contract and bidding documents along with Construction oversight for the new Oak Hill West Virginia Police Department building. Interior drawings and detailing were also included

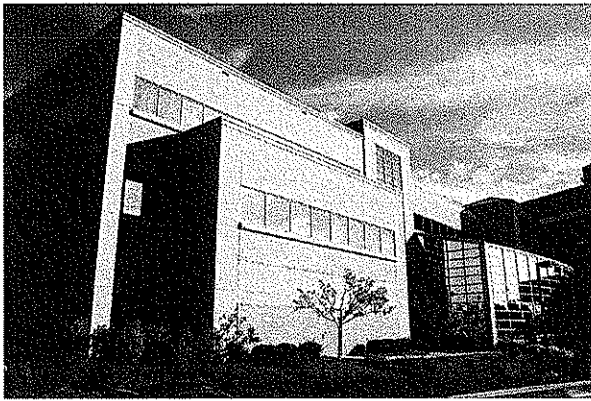
This facility is a 6500 square foot masonry and split face structure. Features of this building include a Haz-mat room, secure firearms room, evidence and evidence processing rooms, holding, booking and interrogation rooms along with shower facilities, exercise room and offices.

The project is currently under construction



West Virginia University Eye Institute

This project encompasses a 50,000 square foot medical facility in Morgantown, West Virginia. As part of West Virginia University's Department of Ophthalmology, this building houses clinics for patient care, diagnostic testing and laser treatments, offices and laboratories. Additionally, this building provides specialized equipment for examinations rooms and classrooms. This project was funded by West Virginia University Hospitals, University Health Associates and the WVU School of Medicine. The facility includes a membrane rubber roof



Client:
WVU Department of Ophthalmology

Location:
Monongalia County, WV

Building Size:
50,000 Square Feet

Cost:
\$7,000,000

Project Status:
Occupied

HE H a r p e r E n g i n e e r i n g

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Renovations to Martinsburg Correctional Institution- Plumbing design and Contract Administration for an approximate 50,000 square foot facility including prisoner pods, kitchen, dining, and admin area's

Salem Industrial Home for Youth- Plumbing design, Sprinkler design, HVAC design, and Contract Administration for an approximate 200,000 square foot facility including prisoner pods, kitchen, dining, admin areas, and exercise areas.

WVDEP Office Building- HVAC Design, Plumbing Design, and Sprinkler Design for new 3 story 180,000 sq foot office building for the WV DEP.

Mylan Pharmaceutical Expansion- HVAC, Plumbing, Sprinkler, and Electrical Design for 200,000 square foot expansion at pharmaceutical manufacturing plant.

WV Department of Health and Human Resources Office- Plumbing Design, Sprinkler Design, and Contract Design for a 17,800 sq ft office building.

D. Understanding of Requirements of Correctional Facilities or Similar Institutions

Thrasher Engineering, Inc. is experienced in the specific requirements of correctional facilities and similar institutions. As a member of design build teams for three federal correctional institutions (Glenville Federal Prison, Canaan Federal Prison – Scranton, PA, and McDowell County Prison), we have developed a thorough understanding of the needs.

E. Understanding of the Work Environment associated with an Operational Correctional Facility

Ensuring security and avoiding disruptions to the daily operations of the regional jails during all phases of design and construction are the anticipated challenges of these projects. Our approach to the project will focus on communication with the Authority and administration of each of the jails to plan and schedule all events in order to allow for the development of strategic contingency plans.

F. Approach and Timeline

Thrasher Engineering will utilize the following approach and timeline for this project:

ASSESSMENT PHASE: 3 WEEKS

Starting with a “kick off” meeting with the Authority, this phase will consist of the investigation of the physical constraints of each facility and observation of the operations of current HVAC and Air handling units.

SCHEMATIC PHASE – 4 WEEKS PER FACILITY

- Meeting to Disclose Findings***
- Develop Program into Schematic Design Concept***
- Owner Review Concept Review and Comment Meeting***
- Prepare Cost Estimates***

DESIGN DEVELOPMENT – 4 WEEKS

- Refine Schematic Design***
- Code Reviews – Preliminary Fire Marshal / Code Official Meetings***
- Budget Reviews***
- Owner Review Meeting***

CONSTRUCTION DOCUMENTS – 8 TO 10 WEEKS PER BUILDING

- Detailed Drawings and Specifications for Bidding / Construction***

FINAL CODE REVIEW – 4 WEEKS

BIDDING – 4 WEEKS

BID EVALUATION – 1 WEEK

CONSTRUCTION PHASE: 6 TO 8 MONTHS PER BUILDING

REFERENCES

In addition to those included with project experience

❑ US GOVERNMENT – GENERAL SERVICES ADMINISTRATION

PROJECT: SHENANDOAH OFFICE PARK

Jamie Thompson – Project Manager 215-446-4665

Stacy Keefer – Project Manager 215-446-4579

Charles Green – Project Manager 215-446-4568

❑ 4-C ECONOMIC DEVELOPMENT AUTHORITY

PROJECT: RAHALL TECHNOLOGY BUILDING

Judy Radford – Executive Director 304 -254-8115

❑ MON VALLEY BANK

PROJECT: BRIDGEPORT BRANCH OFFICE BUILDING

Larry Mazza - Manager 304 -842-6700

PROFESSIONAL REFERENCES

❑ *Mr. Edsil Smith, Fire Marshall* (304) 558-2191
State of West Virginia
Fire Commission

❑ *Ms. Susan Pierce* (304) 558-0240
State of West Virginia
Division of Culture & History (SHPO)

H. Litigation

Thrasher Engineering, Inc. has no litigation or arbitration proceedings related to performance of a contract for site representative services

I. Disbarment

Thrasher Engineering, Inc. is not barred from bidding or proposing governmental contracts for the federal government or any state.

H. Procurement

No procurement laws in the State of West Virginia would affect the potential award of a contract to Thrasher Engineering, Inc. for this project.