



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

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

Header



General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 54988

SO Doc Code: CEOI

Procurement Type: Central Purchase Order

SO Dept: 0603

Vendor ID: 000000205388



SO Doc ID: ADJ1500000003

Legal Name: WILLIAMSON SHRIVER ARCHITECTS

Published Date: 12/29/14

Alias/DBA:

Close Date: 1/6/15

Total Bid: \$0.00

Close Time: 13:30

Response Date: 01/06/2015



Status: Closed

Response Time: 10:50

Solicitation Description: Addendum No.1-EOI-Bldg.
design-remove vendor

Total of Header Attachments: 0

Total of All Attachments: 0



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

**State Of West Virginia
 Solicitation Response**

Proc Folder : 54988

Solicitation Description : Addendum No.1-EOI-Bldg. design-remove vendor preference form

Proc Type : Central Purchase Order

Date issued	Solicitation Closes	Solicitation No	Version
	2015-01-06 13:30:00	SR 0603 ESR01061500000001549	1

VENDOR

000000205388

WILLIAMSON SHRIVER ARCHITECTS

FOR INFORMATION CONTACT THE BUYER

Tara Lyle
 (304) 558-2544
 tara.l.lyle@wv.gov

Signature X **FEIN #** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Maintenance Building Design	1.00000	JOB		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description : Addendum No. 1 - To remove the Vendor Preference Certificate form attached to the original CEOI. See attached pages.
The WV Purchasing Division for the agency, WV Army National Guard's Division of Engineering and Facilities, is soliciting expression of interests for professional design services to provide a new Coonskin Park Maintenance Complex



January 6, 2015

Expression of Interest CEOI 0603 ADJI 500000003

The State of West Virginia

West Virginia Army National Guard Coonskin Park Maintenance Building



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STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Williamson Shriver Architects, Inc.

Authorized Signature: *[Signature]* Date: 1/9/2015

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 5th day of January, 2015.

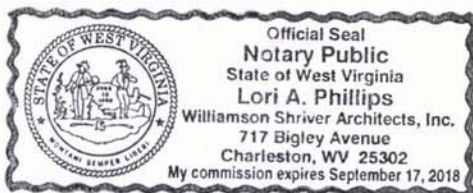
My Commission expires September 17, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature: Lori A. Phillips]

Purchasing Affidavit (Revised 07/01/2012)



ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI - ADJ150000003

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

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

WILLIAMSON SHRIVER ARCHITECTS, INC.
Company

Authorized Signature
1/2/2015
Date

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



January 6, 2015

Ms. Tara Lyle, WV Purchasing Division
2019 Washington Street East
Charleston, WV 25305

RE: Architectural and Engineering Services Expression of Interest
New Maintenance Facility at Coonskin Park

Dear Ms. Lyle:

Williamson Shriver Architects, Inc. was excited to learn of the WVANG's recent Request for Expressions of Interest for a new replacement Maintenance Facility, and we are pleased to have an opportunity to submit our team's experience and credentials for your consideration. We are appreciative of the success of the ongoing renovation projects at Weston and Clarksburg and, should we be selected, are looking forward to similar successes on this and future projects.

Williamson Shriver Architects boasts over 300 employee-years of design experience. Our invested internal staff, along with our team members, have established practices in place to ensure that your project is completed successfully – on time and within budget. Our knowledge, skills, and talents have been proven over and over throughout our 45 year firm history.

Please accept this letter as our team's Expression of Interest in serving as your design team for this exciting project. Our proposed project team will include the following:

- **Williamson Shriver Architects**, Charleston, WV - Architectural and structural design
- **Watkins DesignWorks**, Charleston, WV - Interior design
- **Terradon Corporation**, Nitro, WV - Site / civil engineering and landscape design
- **Harper Engineering**, St. Albans, WV – HVAC, electrical, and plumbing design

We have worked with each of these firms on past projects. We have numerous shared workflow processes that consistently bring projects in on-time and within budget. These include a strong understanding of costs, constructability, the economy of construction in the different regions of West Virginia, project document preparation across a shared Revit software platform, peer-review quality control strategies, and others.

In conclusion, please find enclosed one copy of our Statement of Qualifications outlining our history, experience, and qualifications for all team members to assist you in your evaluation. We are eager to be selected to work with the WV Army National Guard in designing this project and look forward to an interview with your selection team in the near future during which we can present our credentials in greater detail.

We hope to hear from you soon.

Ms. Tara Lyle
January 6, 2015

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Sincerely,

WILLIAMSON SHRIVER ARCHITECTS, INC.

Gregory A. Williamson AIA • LEED AP
President / Architect



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Williamson Shriver Architects

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Harper Engineering

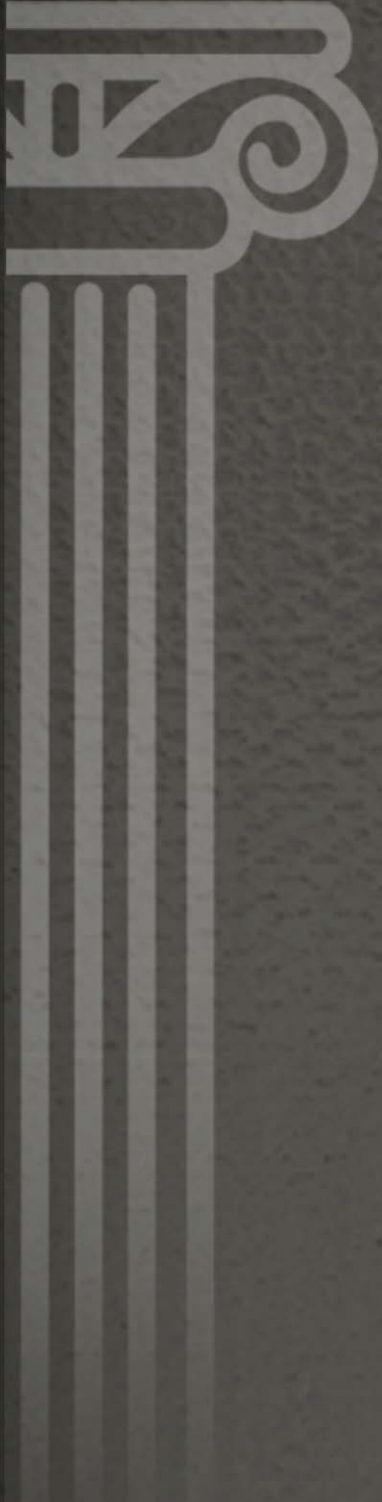
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Terradon Corporation

Portfolio	Tab 8
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Watkins Design Works LLC

Portfolio	Tab 9
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Tab I

Heritage and Experience

heritage & experience

Overview

Williamson Shriver Architects

is an award-winning, multi-disciplinary design firm that has been in business since 1967. While specializing in educational planning and design, we provide design services to a diverse client base throughout West Virginia. With construction values exceeding one billion dollars over our history, the size and scale of our projects have ranged from detailed designs for small interior renovations to large multi-million dollar new new facilities. Large or small, simple or complex, every project has our commitment to diligent, well thought-out design. Our functional and distinctive buildings reflect the vision of our clients and the spirit of our communities.

The Office of Williamson Shriver Architects



The vision of our clients and the spirit of our communities.



Experienced, capable, and responsive, we have a long tradition of excellence and client commitment. Simply put ... we listen ... and combine what we learn from listening with a clear understanding of technology and a wealth of experience. Every Williamson Shriver Architects design is a collaboration with the end user. Our finished projects work for people because they start with people. Through focus groups, individual interviews, and public meetings, we ask our clients to stretch

their imagination and anticipate how they will use each space. The result of this process ... flexible design solutions that respond to people and make the most of budgets.

Experienced ... Capable ... Responsive



Commitment to quality, dedication to project and client, and a 40+ year tradition of innovation and architectural excellence... that's Williamson Shriver Architects. No matter what the program, site, or budget, we've been there and we have the experience and vision to shape your project into a success. At Williamson Shriver Architects, we're listening.



heritage & experience

Experience

- Educational Facilities
- Military / Armories
- Government Facilities
- Libraries
- Office Buildings
- Art Center
- Restaurants
- Athletic and Recreation Facilities

Technology

- One of the first architectural firms in West Virginia (1986) to utilize computer design and drafting technology for production of architectural drawings.
- One of the first architectural firm in West Virginia to utilize building information modeling (BIM) software (AutoCad Revit in 2006).

General Information

- Educational facilities have been recognized and granted awards by the West Virginia Society of Architects, Council of Educational Facility Planners International, American Association of School Administrators
- Architectural projects have been published in the American School and University magazine portfolio
- Members of the American Institute of Architects
- Members of the Council of Educational Facility Planners, International
- Members of the International Code Council (ICC)
- Members of the National Fire Protection Association
- Members of the United States Green Building Council

contract administration

Below is a list of Contract Administration tasks performed during the construction phase of this project:



The construction phase may be a small portion of an architect's fee, but this phase plays a large role in our success. After the commencement of construction, one of our highly-experienced Construction Administrators (with a combined seventy plus years in construction) will undertake the administration of the construction process.

While construction has been humorously defined as "an exercise in conflict resolution", we strive to remove any contentiousness from the process and to be fair with all parties. This attitude, and resulting actions, will ultimately save the Owner time and money (and frustrations) at the same time assuring that the intended design quality is ultimately delivered in the completed building.

Steve Gibson

Contract Administrator

30 Year Employee

Bill Ratcliffe

Contract Administrator/

Educational Planner

11 Year Employee





sustainable design

Williamson Shriver Architects is proud to be in the forefront of West Virginia's sustainable design community. Both firm principals are LEED Accredited Professionals (LEED AP) along with Architect Ray Kleykamp. At Spring Mills Primary School in Berkeley County, Williamson Shriver Architects designed the School Building Authority of WV's first LEED rated facility...specifically earning LEED GOLD Certification in 2011. This building features a geothermal heat pump system, natural daylighting, and many other energy saving and sustainable features. It is anticipated that the integrated design concepts being employed will save the owner over 25% in energy costs annually. A second LEED project which opened in April of 2013 is Eastwood Elementary School in Morgantown, WV. This school is targeting LEED SILVER.

US Green Building Council

Williamson Shriver Architects, Inc. is a member firm of the US Green Building Council

LEED Professionals on staff

Firm Principals:

Gregory A. Williamson AIA, LEED AP BD+C, CEFP
 Ted A. Shriver AIA, LEED AP BD+C, REFP

Staff:

Paul R. Kleykamp AIA, LEED AP BD+C

Spring Mills Primary School



Targeted



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Tab 2

Scope of Available Services

scope of available services

Williamson Shriver Architects offers our clients the design services listed here as either basic or additional services. Services offered by outside consultants are indicated as such.

Pre-Design Services

- Existing Facilities Surveys
- Feasibility Studies
- Programmatic Specifications
- Site Analysis and Selection
- Zoning Processing Assistance
- Bond Issue Planning Assistance
- Educational Facility Planning

Architectural Design

- Building and Site Design
- Structural Design
- Renovation / Restoration Design
- Roof Systems Renovations/Replacements
- Materials Research and Specifications
- ADA / Life Safety Research
- Budget Analysis
- Value Analysis
- Scheduling
- 3D Visualization
- Building Information Modeling (BIM)

Interior Design

- Space Planning
- Tenant Fit-up
- Furniture and Equipment Procurement
- Selection of Interior Finishes
- Color Coordination

Construction Procurement / Administration

- Preparation of Contract Documents
- Bidding / Negotiation
- Construction Observation
- Contract Administration
- Post-Occupancy Services

Other Services

- Facilities Documentation utilizing Autodesk Autocad
- Promotional Materials

The following services are provided through the assistance of outside consulting firms:

- Mechanical/Electrical Engineering
- Fire Protection Design
- Landscape Design
- Civil Engineering
- Stormwater Management
- Acoustical Design

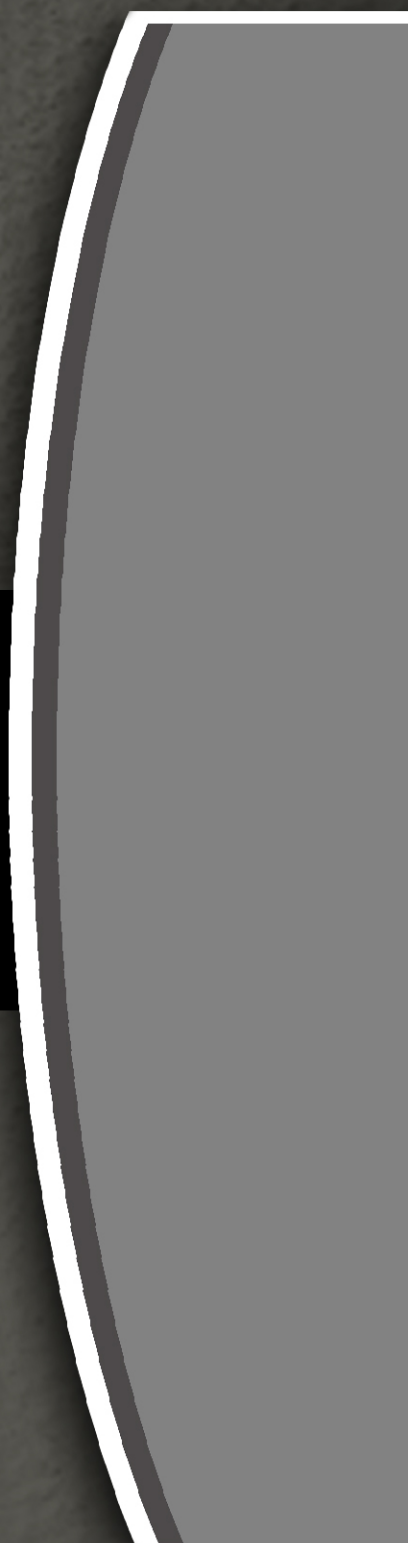


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design philosophy and project approach

Williamson Shriver Architects is a mid-sized firm but with a small-firm attitude of service to our clients. Partners Greg Williamson and Ted Shriver, are actively involved in all aspects of all the firm's projects from concept to completion. To ensure consistency of quality design, all planning and design concepts originate under the direct supervision of the partners. On this project, Greg Williamson will be the Partner-in-Charge and will directly oversee all design activities as well as be the main point of contact with the Owner. Directly under Mr. Williamson's leadership, Architect Ray Kleykamp will serve as Project Manager, and will be assigned with the responsibility to produce documents and specifications based upon the design as well as to coordinate all team member activities and contributions to the project.

For this project, Williamson Shriver Architects will team with two firms specifically selected to provide the most comprehensive, highest quality specialty services relating directly to the proposed scope of work for the Army National Guard's new Coonskin Park Maintenance Building.

- Watkins Design Works, LLC of Charleston WV, specializing in space planning, interior design, and furnishings and equipment selection, and LEED consulting services.
- Harper Engineering, a St. Albans WV consulting engineering firm who will provide HVAC, electrical, plumbing and fire protection design services.

Sustainable Design

Multiple members of Williamson Shriver Architects team are LEED Accredited Professionals with experience in a number of LEED Certified facilities, including Spring Mills Primary School, West Virginia's first new building to attain LEED Gold. However, whether or not LEED Certification is being sought, we believe that architects, engineers, designers have a duty to provide services in a sustainable manner - selecting materials and systems with respect to their impact upon environment as well as to minimize energy usage costs for our clients. Our team commits to bring this attitude to all aspects of this project.

Cost Control

It is vitally important that the project budget, program and outcome expectations are compatible from the outset. Once the initial project budget and project scope is established and agreed upon, all future cost estimates and design decisions will be measured against that budget and program. As indicated herein, further cost evaluation will be performed at the completion of schematic and design development drawings, and at 75% completion of contract drawings. Between formal estimates, the design team is constantly evaluating design and materials/specification alternatives in an on-going effort to achieve the project goals in a cost effective manner and to maximize the value of the funds available for the project.

design philosophy and project approach (continued)

Design Technology Implementation

All of the major disciplines on this project use Autodesk Revit, a Building Information Modeling (BIM) software product. As a result, BIM will be utilized throughout the design process. Well beyond traditional drafting software, BIM is a more holistic approach to building design and culminates in an electronic 3-dimensional model of the building and contains 'intelligent' components. This product is not only a valuable production tool for the design team, but also offers several benefits to the Owner. For example, it's 'clash detection' capabilities offer better technical control of the coordination between work of multiple disciplines, reducing the number of potential change orders during construction. The software also allows for enhanced clarity of contract documents, and provides a potential facilities management benefit for clients through the manipulation of the intelligent components contained within the model. Williamson Shriver Architects was among the first architectural firms in West Virginia to routinely utilize BIM software on our projects.

Quality Management

Williamson Shriver Architects is proud of our success rate for meeting tight project budgets with a low incidence of construction change orders. We believe that this success stems largely from the retention rate of our long-term staff and selection of consultants that are highly specialized in the type of project being designed. We have several peer review steps in place to review Construction Documents prior to letting them out for bidding. These include a design partner coordination review, a review by the Construction Administrator who has jobsite experience, and involvement of nearly all of our production staff in the preparation of technical specifications ... whether or not they are otherwise working on the project ... to assure that the documents are reviewed by a "fresh set of eyes". All of these steps taken together, eliminate many design errors before they make it out of our office.

As products and product applications are constantly changing, our staff and consultants are continually updated on new materials and methods of construction through both internal and outside seminars and programs.

Lastly, utilization of Building Information Modeling (BIM) software greatly reduces the potential for design errors. This is due in part to the integrated approach in which the software cross references information, as well as its potential for clash detection.

Design Schedule

A master project schedule will be prepared to reflect all of the work tasks for the project organized by design phase and showing timelines and milestone dates for all tasks. We will also show the organization/individual responsible for the task. It will be organized as a horizontal bar chart. The schedule will be tested at critical intervals and measures taken to assure the schedule is maintained. Work efforts are tested against progress so that potential conflicts and delays can be detected quickly and appropriate action taken immediately to preserve scheduled milestones.



design philosophy and project approach (continued)

Inclusive Programming and Design Process

We believe that good design comes from good listening. We continually stress the importance of involving the building users throughout the design process and facilitating their input into the final program and design. This starts with the schematic “big picture” design concepts and continues all the way through the process to interior design and furniture selection. This is accomplished through a variety of methods including presentations, design charrettes, interior and exterior 3D concept modeling, and general discussions and feedback. At the conclusion of this phase, a final program / building performance specification document will also be generated to document the discussion and outcome of the planning meetings, building performance requirements, master plan, and infrastructure and technology requirements. We believe that our track record of highly successful buildings is directly attributable to this inclusive process.

Schematic Phase

Based upon the approved program, the design team will begin to develop conceptual design studies to translate the program into design concepts as well as indicating the scale and relationship of spaces. We will also begin the process to investigate appropriate mechanical, electrical, and other relevant systems. Several schematic studies may be presented for review and staff/owner comments along with cost estimates for selected schemes. We will mutually narrow down the schemes to one which is most closely compatible with the final established program which will then be developed into final schematic documents. A cost estimate for this proposed scheme will be finalized, and the entire package submitted to the owner for approval.

Design Development Phase

Once the schematic documents are approved by the Owner, the design team will progress to the design development phase of the project. The Design Development Phase documents advance the approved schematic design by illustrating and describing the architectural, structural, mechanical, and electrical components and systems, and other elements through the use of plans, sections, elevations, typical construction details, and diagrammatic layouts of the building systems as well as other documents to fix and describe the size and character of the project. Important details of construction will be shown, any necessary selective demolition and alterations will be indicated, interior design elements including furnishings and equipment will be conceptually defined, construction materials will be generally selected, and the building systems will be outlined and integrated with the building structure and architecture. Outline specifications will be written and all building performance specifications will be updated. A cost estimate will be prepared reflecting the work described in the Design Development documents along with appropriate strategies to deal with any cost issues which may arise. The completed Design Development document package will be submitted to the Owner and authorities having jurisdiction for review and approval.



design philosophy and project approach (continued)

Construction Documents Phase

Upon approval of the Design Development Phase drawings, the project team will prepare closely coordinated construction drawings and final specifications detailing the quality levels for materials and systems needed for bidding and construction. The design team will also incorporate into the Construction Documents the design requirements of authorities having jurisdiction over the project, including but not limited to the Americans with Disabilities Act, applicable state and local building codes, ordinances, and standards, and any standards provided by the Owner. To enhance the coordination effort between the disciplines, all team members will utilize AutoDesk Revit Building Information Modeling software in the preparation of these documents.

The work of this phase will include furthering the interior design concepts previously developed by selecting material colors and patterns for inclusion into the project. Additionally, furnishings and equipment appropriate to the function and quality of the proposed design will be selected. The design team will meet as needed with the Owner to gain input regarding these interior design elements.

The design team will confer with the Owner to develop and prepare bidding and procurement information, the contract for construction, as well as the conditions of the contract for construction. All of these documents will be contained within the final Project Manual to be released to bidders.

The project cost estimate will be updated reflecting the work described in the Construction Documents along with appropriate strategies to deal with any cost issues which may arise. The completed Construction Documents package will be submitted to the Owner and authorities having jurisdiction for review and approval.

Bidding Phase

Williamson Shriver Architects will assist the WV Purchasing Division as necessary in the advertising of the project for bidding. To further competitive bidding, we will actively solicit bids from contractors known to specialize in work consistent with the project scope. We will assist WV Purchasing as needed in conducting the bid opening. On behalf of the Owner, we will evaluate the bids received and delineate any options for award, and provide our recommendation as to the award for a contract for construction that is in the best interest of the Owner.



design philosophy and project approach (continued)

Construction Contract Administration Phase

The construction phase may be a small portion of an architect's fee, but this phase plays a large role in our success. After the commencement of construction, Steve Gibson will take the lead on the administration of the construction process. Mr. Gibson has 30 years experience as a contract administrator with Williamson Shriver Architects on all project types. As such, he is well known and respected by many commercial contractors around West Virginia. During this phase, he will be assisted by numerous members of the design team who will continue their roles from the design phases.

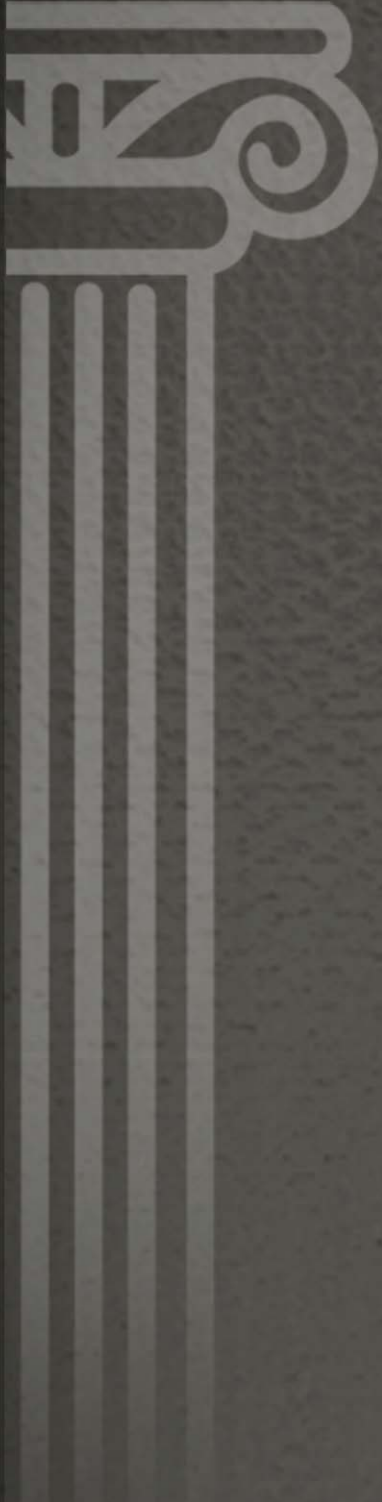
Member(s) of the project team will be present on the project site at two-week intervals, will attend all construction progress meetings, will become generally familiar with the progress and quality of the work completed, and will determine in general that the work is being completed in accordance with the Contract Documents. On behalf of the Owner, we will reject any work not conforming with the Contract Documents.

In between site visits, Mr. Gibson, with assistance of project team members will review and take action on contractor submittals, process change orders and payment requests, issue field memos and clarifications as needed, prepare punch lists, and certify completion of the project.

Post Construction

Williamson Shriver Architects team will not walk away from a project at final completion. Rather, we continue to assist our clients with warrantee issues which may arise after completion. We will also conduct an eleven month walkthrough to observe any other warrantee issues, and also will conduct an interview with a committee of the Owner's staff and building users. This feedback will allow the project team to evaluate the performance of the final design, to determine whether the design adequately meets the Owner's needs, and gives our team members valuable input helping us to improve our knowledge for services on future projects. Even after the expiration of the twelve month warrantee period, Williamson Shriver Architects continues to service clients on our completed projects. Numerous times, we have assisted Owners of our completed projects years after occupancy on issues relating to the function of building components and systems. Never once have we invoiced for these services.





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Tab 4

Specific Related Experience



design for defense

Williamson Shriver Architects, Inc. has gained our experience in facilities for defense in part through the projects listed here:

Armed Forces Reserve Center Renovations

Clarksburg, West Virginia

Interior renovations of approximately 4,000 square feet including toilets, locker rooms, and mezzanine railing replacement.

Armed Forces Reserve Center Renovations

Weston, West Virginia

Interior renovations of approximately 500 square feet including toilets and locker rooms.

Armed Forces Reserve Center

Huntington, West Virginia

New approximately 67,000 square foot reserve center located at Tri-State Airport.

Army Reserve Training Center and Maintenance Facility

Jane Lew, West Virginia

Construction documents for a new 9,000 square foot training center and a 1,600 square foot operations maintenance and support facility for the U.S. Army Corp. of Engineers.

Army Reserve Training Center

Clarksburg, West Virginia

Construction documents for a new 16,000 square foot training center for the U.S. Army Corp. of Engineers.



Armed Forces Reserve Center

Huntington, West Virginia



Owner: United States Army Reserve National Guard

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Structural Design: Donald W. Beyer

Project Data:
Square Footage: 86,896
Project Cost: \$8.4 Million
Year Occupied: 1995
Project Scope: New Construction



Army Reserve Center

Jane Lew, West Virginia



Owner:	United States Army Corps of Engineers
Project Team:	Williamson Shriver Architects
Responsible Partner:	Ted. A. Shriver, AIA, LEED AP
Structural Design:	Donald W. Beyer
Project Data:	New Construction
Square Footage:	11,256
Project Cost:	\$2.6 Million
Year Occupied:	1997
Project Scope:	New Construction



Army Reserve Center

Clarksburg, West Virginia

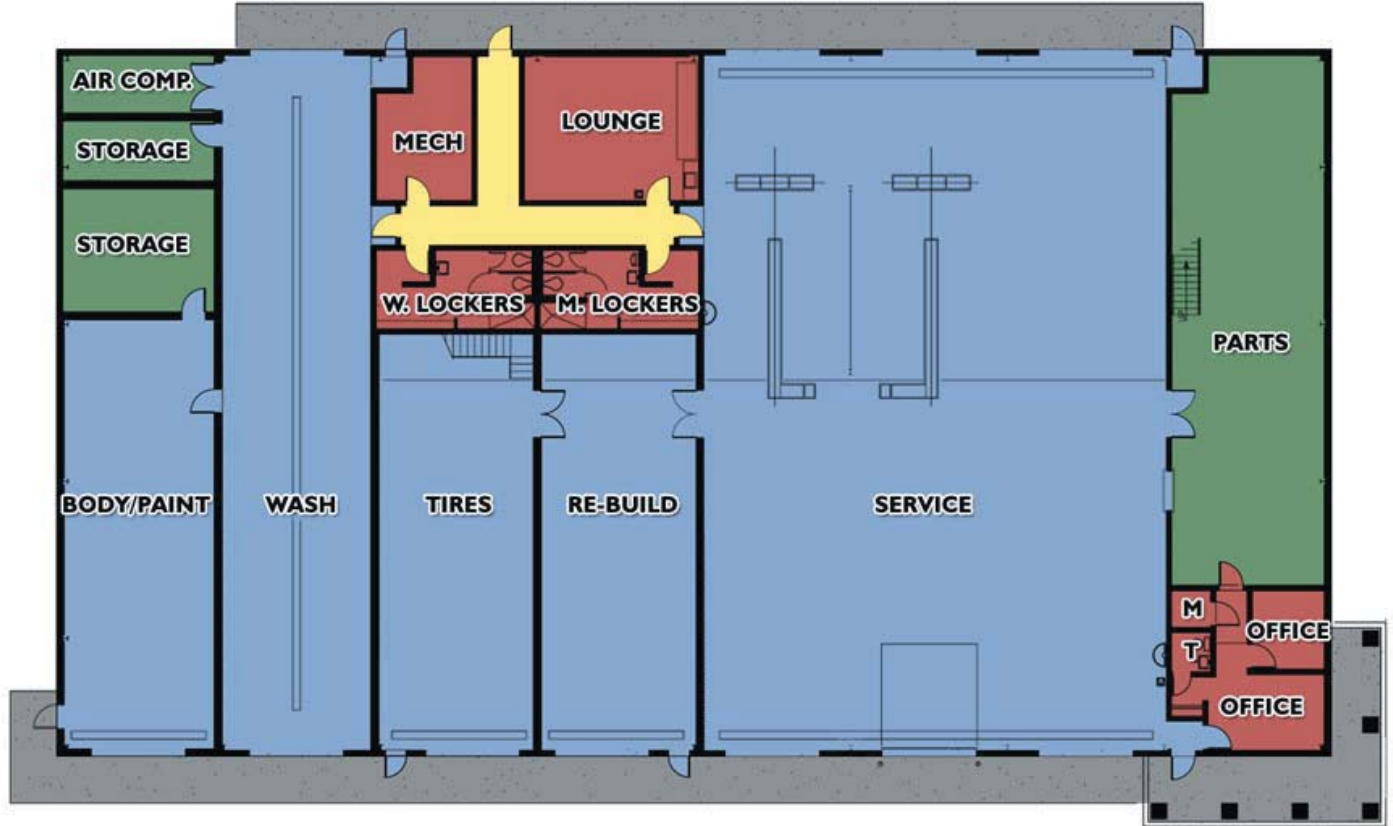


Owner:	United States Army Corps of Engineers
Project Team:	Williamson Shriver Architects
Responsible Partner:	Ted. A. Shriver, AIA, LEED AP
Structural Design:	Donald W. Beyer
Project Data:	New Construction
Square Footage:	26,288
Project Cost:	\$6.4 Million
Year Occupied:	1996
Project Scope:	New Construction



Marshall County Transportation Facility

Moundsville, West Virginia

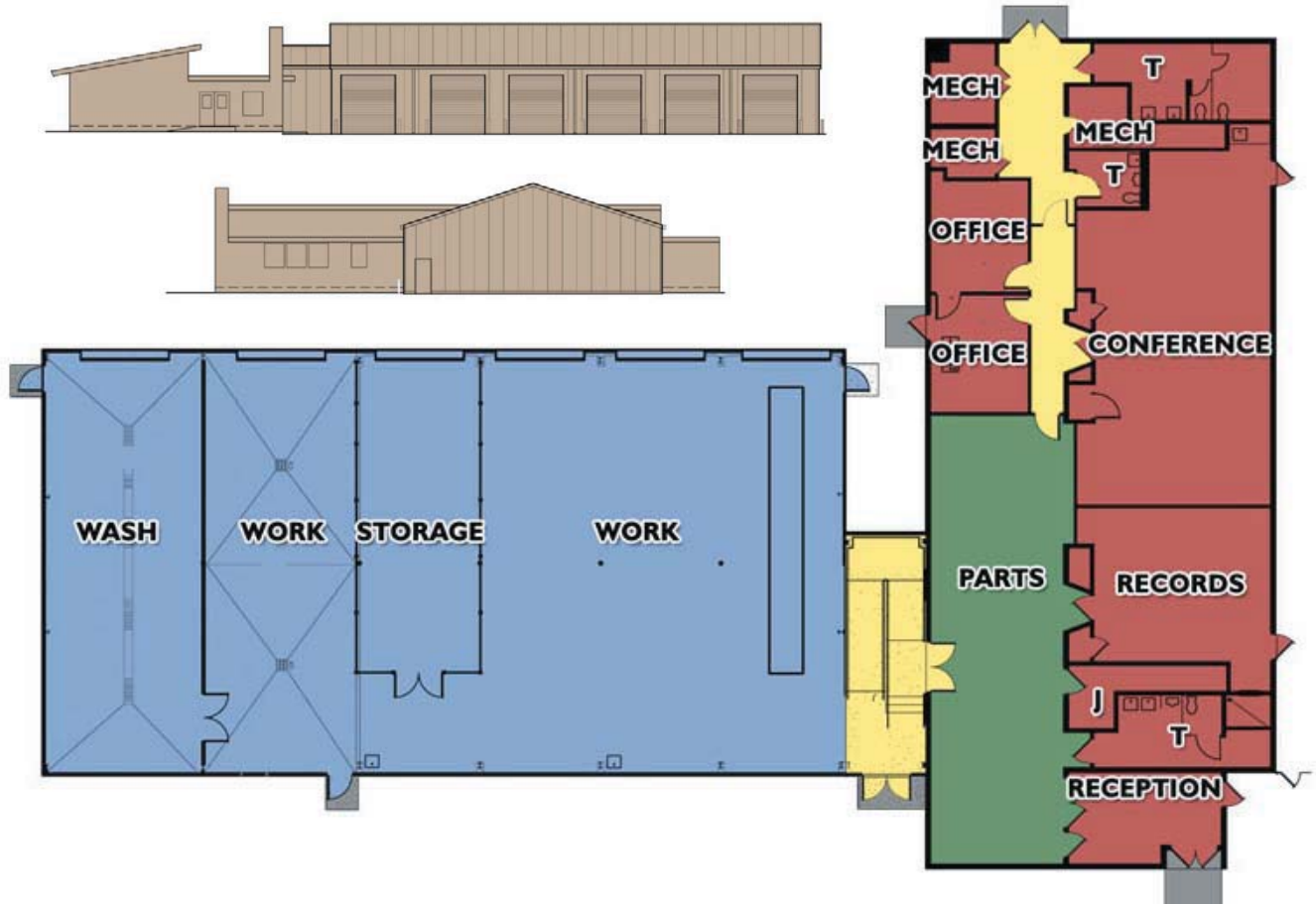


Owner: Marshall County Board of Education
Project Team: Williamson Shriver Architects
Project Data:
Square Footage: 14,500
Year Occupied: 1986
Project Scope: New Construction



Brooke County Bus Garage

Wellsburg, West Virginia



Owner: **Brooke County Board of Education**

Project Team: **Williamson Shriver Architects**

Project Data:
Square Footage: **6,000 Addition 4,700 Renovation**
Year Occupied: **1993**
Project Scope: **Garage Addition and Office Renovation**



South Charleston Fire Station #1

South Charleston, West Virginia



Owner: City of South Charleston
Mayor Frank Mullens
Carlton D. Lee, City Manager

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Project Designers: Ray Kleykamp / Greg Williamson
Project Manager: Ray Kleykamp

Project Data:
Square Footage: 10,115
Year Occupied: Anticipated 2016
Project Scope: Design for a new facility to replace existing aging fire station located within downtown South Charleston. The building includes a three vehicle bays, living quarters for full-time staff, support spaces, and an attached administrative office for the City Fire Chief. Construction is anticipated to commence in Summer of 2015.



South Charleston Fire Station

South Charleston, West Virginia



Owner: City of South Charleston
Mayor Frank Mullens
Carlton D. Lee, City Manager

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Project Manager: Dana Scarberry

Project Data:
Square Footage: 5,760
Year Occupied: 2008
Project Scope: New Construction



Town Public Services and Community Center West Virginia



First Floor



Second Floor

Project Team: Williamson Shriver Architects
Responsible Partner: Gregory A. Williamson, AIA, LEED AP

Project Data:
Project Scope: Conceptual Design Unbuilt



New Mingo Central High School

Newtown, West Virginia

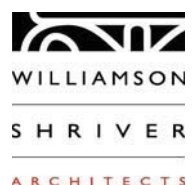
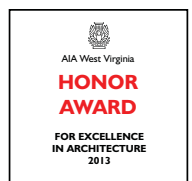


Owner: Mingo County Board of Education
Mr. Randy Keathley, Superintendent

Project Team: Williamson Shriver Architects, Inc.
Responsible Partner: Ted A. Shriver, AIA, LEED AP
Structural Design: Donald W. Beyer, PE
Const. Admin.: Steve W. Gibson

Project Data:
Square Footage: 176,260
Capacity: 856
Project Cost: \$34,942,490 Million
Year Occupied: 2011
Funding: SBA and Local
Project Scope: New Construction

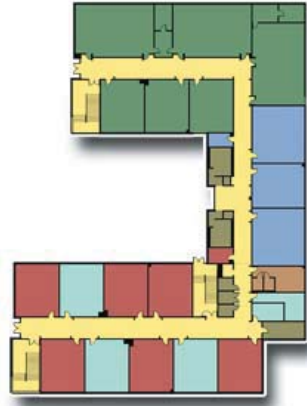
Mingo Central High School is the consolidation of four high schools into one single comprehensive facility. The 850 student project is located on a former mountaintop removal site with spectacular views in most directions. The school includes a large, multi level gymnasium with upper level walking / running track, a 500 seat auditorium, and a career and technology center including pro-start, pre-engineering, health professions, and other programs. In 2013, the project was awarded an Honor Award for Excellence in Architectural Design from the American Institute of Architects West Virginia Chapter.





New Mingo Central High School

Newtown, West Virginia



Second Floor



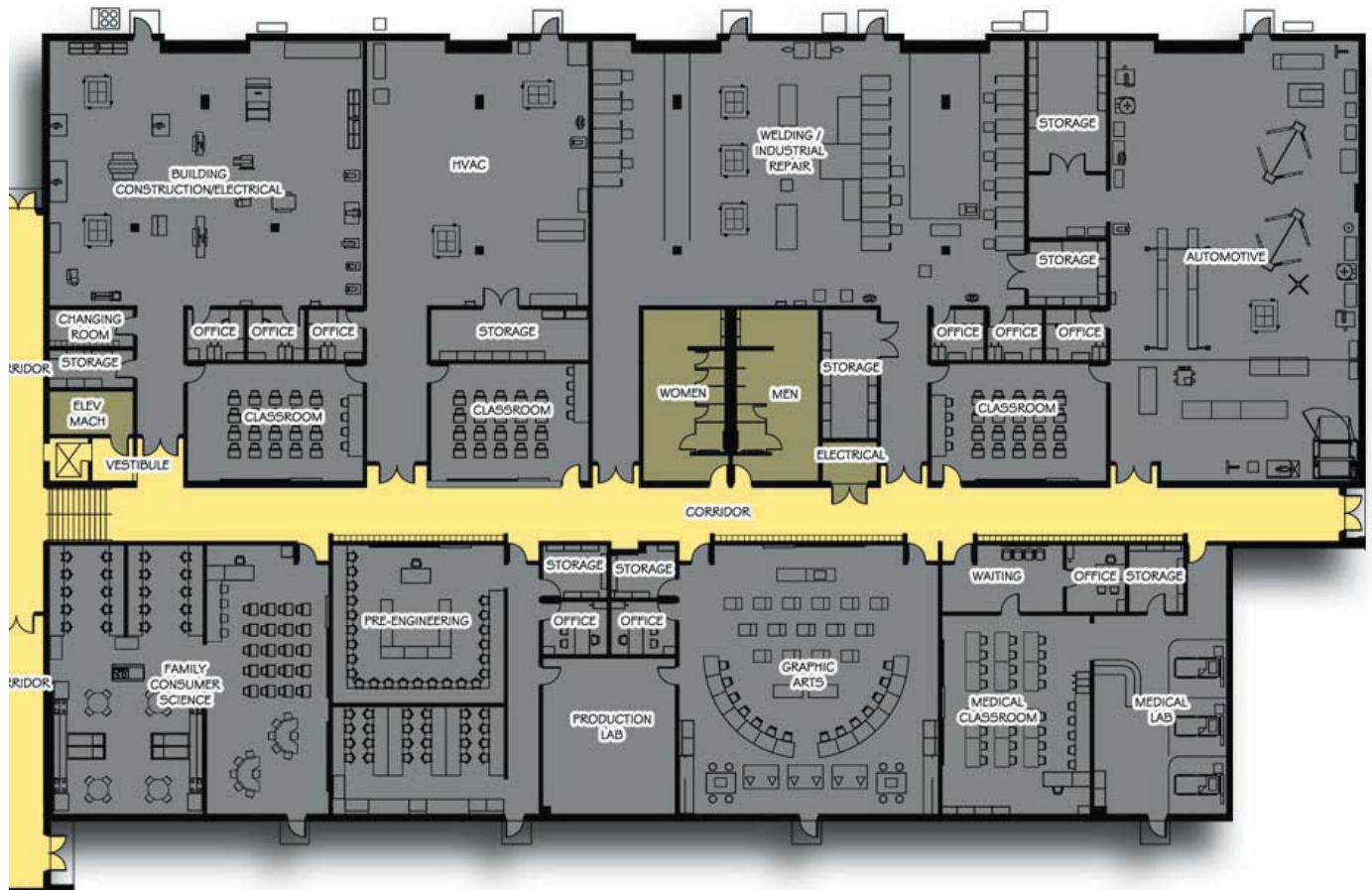
First Floor

SCIENCE	COMPUTER	DRIV ED./HEALTH	ADMINISTRATION
BUSINESS	SOCIAL STUDIES	GYMNASIUM	VO-TECH
SPECIAL ED.	MEDIA CENTER	FOREIGN LANG.	SUPPORT
MATH	LANGUAGE ARTS	AUDITORIUM/ARTS	CIRCULATION



New Mingo Central High School - Vocational Wing

Newtown, West Virginia



Owner: Mingo County Board of Education
Mr. Randy Keathley, Superintendent

Project Team: Williamson Shriver Architects, Inc.
Responsible Partner: Ted A. Shriver, AIA, LEED AP
Structural Design: Donald W. Beyer, PE
Const. Admin.: Steve W. Gibson

Project Data:
Square Footage: 30,500
Capacity: 125
Project Cost: \$7.3 Million
Year Occupied: 2011
Funding: SBA and Local
Project Scope: New Construction



Hampshire County HS Training Center Shop Expansion

Romney, West Virginia



Owner: Hampshire County Board of Education

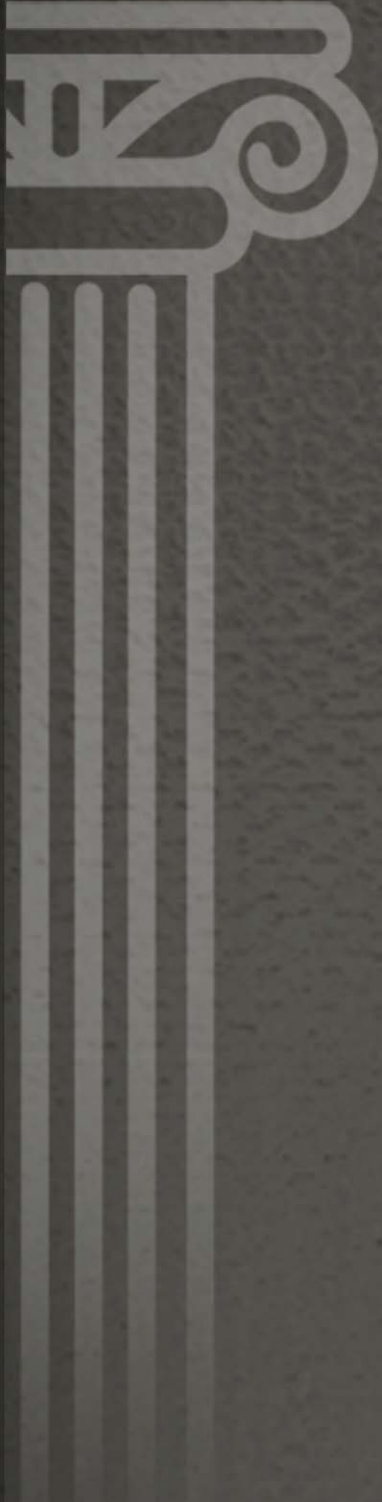
Project Team: Williamson Shriver Architects

Project Data:

Square Footage: 2,400 Addition

Year Occupied: 2009

Project Scope: Garage Expansion



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Tab 5

Staff and Resume

staff and experience

Name	Position	Years This Firm (Total Experience)
Gregory A. Williamson AIA LEED AP CEFP	Architect / President	31 (34)
Ted A. Shriver AIA LEED AP REFP	Architect / Vice President	30 (35)
Paul R. Kleykamp AIA LEED AP	Architect	5 (17)
Donald W. Beyer P. E.	Structural Engineer	25 (35)
Steven W. Gibson	Contract Administration	30 (36)
Dana K. Scarberry AIA Associate	Project Manager	26 (31)
Lori A. Phillips	Executive Assistant	16 (24)
Mike W. Nichols AIA Associate	Project Manager	12 (17)
Bill A. Ratcliffe REFP	Planning/Contract Administration	11 (41)
Greg I. Martin AIA Associate	Intern Architect	7 (9)
Joyce A. Johnson	Financial Administrative Assistant	7 (12)
Andrew W. Crawford AIA Associate	Intern Architect	6 (7)
Sarah J. Petry	Marketing Assistant	5 (15)

Average tenure for WSA employees is 16 years with 300+ years of experience.

project organization

Williamson Shriver Architects, Inc.



Principal, Partner in Charge



Gregory A. Williamson AIA • LEED AP BD+C • CEFP

Greg will serve as the Partner-in-Charge for this project, as well as the Design Architect. He will be the primary point of contact throughout all stages of the project, from concept to completion. While creating functional designs that are responsive to the client's needs, Greg provides that "outside the box" thinking that makes every project innovative and memorable.

Principal



Ted A. Shriver AIA • LEED AP BD+C • REFP

With the utmost professionalism, loyalty, and devotion to the success of the project, Ted will serve as quality control director, providing document peer review to assure that all necessary project components are clearly and correctly delineated. This effort will enhance the constructibility of the contract documents, and reduce potential project change orders.

Project Architect



Ray Kleykamp AIA • LEED AP BD+C

Ray will serve as Project Architect, supporting the partners' design efforts by translating the program and design into a constructible work of architecture.

Structural Engineer



Donald Beyer PE

As the firm's primary structural designer for the past 25 years, Don has amassed an extensive amount of structural engineering experience. His practical knowledge, coupled with his tenacity for perfection will prove invaluable to your project.

Contract Administration



Steve Gibson

With over 35 years of experience in the construction industry, you can rest easy knowing he is overseeing the job site with a keen eye and knowledge that can only be obtained with boots in the dirt.

Williamson Shriver Architects boasts over 300 employee-years of experience. Because of our invested internal team, we have established practices in place to ensure your project is completed successfully - on time and within budget. Our knowledge, skills, and abilities have been proven over and over throughout our 45 year firm history.

Gregory A. Williamson AIA LEED AP CEFPI (Architect/President)

Mr. Williamson attended the University of Tennessee, where he received his bachelor of architecture degree in 1981. His professional career began at Sverdrup and Parcel and later with Donald L. Moses Associates, both in Charleston. In 1983 he joined Gandee Thomas and Sprouse / GTS Partners as an architect and project designer and obtained his West Virginia registration as an architect in 1985.



In 1994, along with Ted Shriver, Mr. Williamson acquired the firm from founder Kent Gandee, and together they have continued the tradition of quality, client-focused architectural design for which the firm has been recognized. As a design partner, Mr. Williamson has designed such prominent and well-received projects as the LEED Gold Spring Mills Primary School, Caperton Center for Applied Technology at WVU-Parkersburg, and the Lodge and Conference Center at Chief Logan State Park. Additionally, he represented Williamson Shriver Architects in their role as associated architect on two prominent commissions in Charleston, the United States Federal Courthouse with architect SOM of New York, and the Clay Center for the Arts and Sciences with Kise Straw Kolodner Architects of Philadelphia.

Mr. Williamson is a member of the WV Board of Architects, appointed by Governor Underwood in 1999. He has active registrations in West Virginia, Virginia, Maryland, and Kentucky, and is a holder of an NCARB certificate. He is a past president of the West Virginia Society of Architects, has served as a part time instructor at the University of Charleston, and has also served as a juror on several local or regional design award programs.

In his spare time, Mr. Williamson is a musician and songwriter and enjoys recording his original music in his home studio.

Education:

University of Tennessee, 1981
 B. Architecture
 West Virginia State College, 1978
 Winfield (WV) High School 1976

Registration:

Architect, WV (████), KY (████), MD (████), VA (████), OH (████)
 NCARB Certified (████)
 Green Building Certification Institute
 LEED Accredited Professional (LEED AP)

Affiliations:

West Virginia Board of Architects 1999-Present
 President 2003-2006, 2009-2011, 2014-Present
 Secretary 2007-2009, 2013-2014
 American Institute of Architects
 American Institute of Architects - WV Chapter
 President 1994 & 1995
 Contractors Association of WV
 Council of Educational Facility Planners Int. (CEFPI)
 Certified Educational Facility Professional (CEFP)
 Putnam County Board of Zoning Appeals
 Member - 1997 to 2001
 US Green Building Council, (USGBC)



Ted A. Shriver AIA LEED AP REFP (Architect/Vice-President)

Mr. Shriver is an architect and Vice President of Williamson Shriver Architects and is responsible for the office-wide coordination and production of contract documents. He brings to the firm 30 years of architectural experience, and his primary responsibility is to ensure that appropriate production and support resources are applied to each project. Mr. Shriver's career began in 1979 with other local firms, but he has been with the firm since 1984 with partner Greg Williamson.



Office management, marketing and construction administration on smaller scope projects add to his daily responsibilities. He also oversees the firm's computer system, including evaluation and installation of new technology. He has extended this computer expertise to an understanding of the utilization and implementation of technology in school facilities and attends the Council of Educational Facility Planners' Technology Conferences. Since 2005, Mr. Shriver has focused on establishing guidelines for our designs on implementing safe schools and monitoring systems.

Mr. Shriver is active in the Council of Educational Facility Planners International especially in the Southeast Region. In 2003, he was one of the founding members of the West Virginia Chapter and served as their President from 2004-2007. He has also served as the Southeast Director since 2002.

Education:

Fairmont State College, 1979
A.S. Architectural Technology
South Charleston High School 1977

Registration:

Architect, WV (), OH (), MD ()
Green Building Certification Institute
LEED Accredited Professional (LEED AP)

Affiliations:

West Virginia State Fire Commission, 2009-Present
Code / Regulatory Committee, Chair 2009-Present
American Institute of Architects
American Institute of Architects WV Chapter
Executive Committee 2008-2013
Treasurer 2008-2013
Boone Career and Technical Center, Advisory Council
Council of Educational Facility Planners Int. (CEFPI)
Southeast Region Alternate Director 2002-2003
Southeast Region Director 2003-Present
Recognized Educational Facility Professional (REFP)
Contractors Association of WV
Kanawha Valley Builders Association
International Code Council
National Fire Protection Association
South Charleston Board of Health
United States Green Building Council



Paul R. Kleykamp AIA LEED AP (Architect)

Mr. Kleykamp joined Williamson Shriver Architects in 2011 and serves as a Project Architect / Manager. He is a registered architect and a LEED accredited professional with over 18 years of experience on a wide range of project types including higher education, K-12 education, research facilities, military, commercial, and cultural.



Prior to Williamson Shriver Architects, Mr. Kleykamp held positions in two District of Columbia firms and worked as Project Architect on several large and notable projects including the FDA/GSA Center for Biometrics Evaluation and Research in White Oak MD and the National Geospatial Intelligence Agency Facility in Fort Belvoir, VA.

In his spare time, Ray is an artist and enjoys creating striking compositions in mixed media.

Education:

University of Kentucky
B. S. - Architecture - 1996

Registration:

Architect, West Virginia No. [REDACTED]
NCARB Cert. No. [REDACTED]
Green Building Certification Institute
LEED Accredited Professional (LEED AP)

Previous Employment:

Bowie Gridley Architects
2009-2011
Kling Stubbins
2008-2009
Edward Tucker Associates
1996-2007

Affiliations:

American Institute of Architects WV Chapter
National Council of Architectural Registration Boards
US Green Building Council, (USGBC)



Donald W. Beyer P.E. (Structural Engineer)

Mr. Beyer is responsible for the coordination of structural design for all of Williamson Shriver Architects projects, and personally designs the structural systems for most of the firm's projects. He coordinates and integrates his design work with our in-house architectural designs as well as with mechanical and electrical engineering design performed by our consultants. He is also involved with the production of details and specifications for a project's structural systems and materials.



Mr. Beyer's close involvement with the project architect provides for the smooth integration of the structural system into the project while maintaining the aesthetics of the architect's design. His availability for immediate consultation is an asset to the design team. Mr. Beyer draws from his years of experience as a structural steel detailer, a structural draftsman, and engineering technician within the Charleston area.

In addition to his structural responsibilities, Mr. Beyer also serves as production coordinator for all project disciplines, ensuring that appropriate staff is in place to assure on-time completion of design work.

Mr. Beyer is an avid whitewater kayaker, and currently sits on the WV Whitewater Commission, appointed by Governor Wise in 2005

Education:

WV Institute of Technology 1997
 B. S. Civil Engineering
 WV Institute of Technology 1978
 A. S. Drafting & Design Eng. Technology

Registration:

Professional Engineer, WV [REDACTED]

Previous Employment:

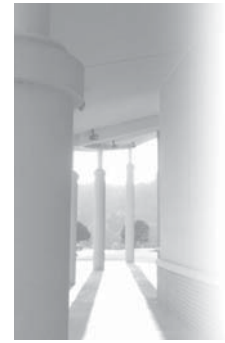
Kelley, Gidley, Blair and Wolfe Engineers
 1986 - 1990
 W. C. Haworth, Structural Engineers
 1984 - 1986
 Union Carbide Corporation
 1979 - 1983
 West Virginia Steel Corporation
 1978 - 1979

Affiliations:

American Society of Civil Engineers
 American Institute of Architects
 American Institute of Architects WV Chapter
 Professional Affiliate Member

Certifications:

American Canoe Association
 Swiftwater Rescue Instructor



Steven W. Gibson (Construction Administration)

Mr. Gibson is responsible for contract document administration and field observation during the construction phase of a project. His duties include shop drawing review, attending construction conferences, compiling construction observation reports, and serving as liaison between owner and contractor.



Prior to joining the staff in 1985, Mr. Gibson's experience was primarily in the engineering fields. He has participated in the design, project management and construction of numerous industrial, commercial, public housing and public works facilities since 1970.

Mr. Gibson has also worked for a large local construction firm as an estimator. This employment allows him to bring a unique knowledge and understanding of the contractors' perspective toward construction projects to the firm.

Education:

West Virginia State College, 1971
B.S. Industrial Technology

Affiliations:

American Institute of Architects
American Institute of Architects WV Chapter

Previous Employment:

Carlton Construction Company
1984 - 1985
Randolph Engineering
1977- 1984
Swindell-Dressler Engineering
1974 - 1977
JH Milam Engineering
1969 - 1974

Sarah Petry (Marketing Assistant)

Mrs. Petry has served as Williamson Shriver Architects' Marketing Assistant since 2010. She has an upbeat, energetic personality with which she enthusiastically promotes the firm and the firm's capabilities. Her work in marketing and event planning ranges from personal connection to clients, development and distribution of marketing materials, to meeting and event planning, not the least of which is a quite festive annual bingo experience at a conference for educational clients. She also is integral in the planning stages of many projects, regularly attending planning meetings and functions as a client liaison. She also serves as assistant to Mr. Shriver and Mr. Williamson.



Prior to coming to Williamson Shriver Architects, Inc. she was Vice President of Promotions for two Harley-Davidson dealerships as well as the Muscular Dystrophy Association where she coordinated fundraising events. These experiences honed her skills in client relations and event planning which are essential keys to our success.

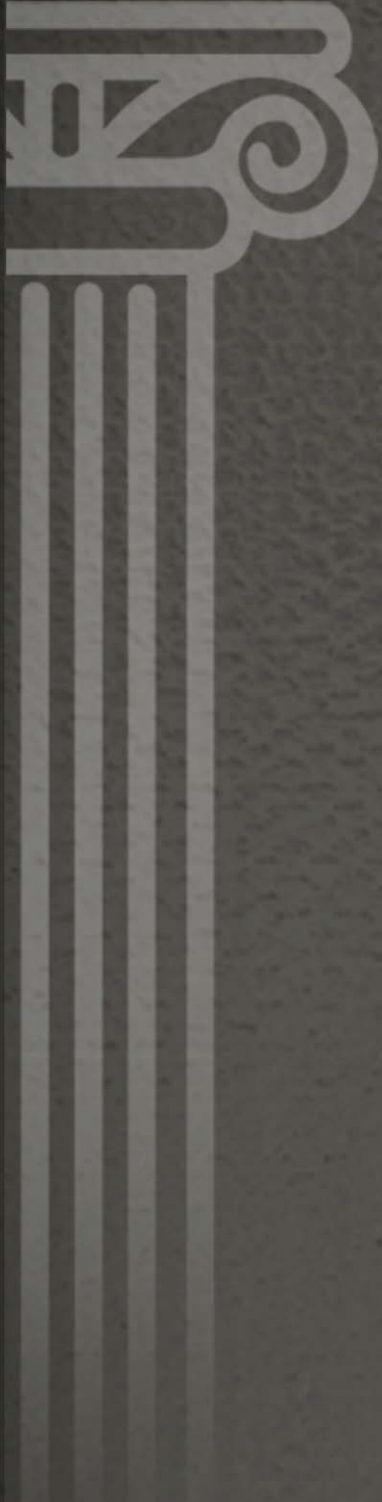
In her spare time, Sarah enjoys athletic activities with her husband and son and traveling.

Education:

University of Charleston
 Master of Business Administration - 2003
 University of Charleston
 B. S. - Business Administration/Marketing - 2001

Previous Employment:

Harley-Davidson of West Virginia
 (Vice President of Promotions)
 2007 - 2010
 Muscular Dystrophy Association
 (Program Coordinator)
 2005 - 2007
 Innovative Mattress Solutions
 (Sales and Administrative Coordinator)
 2003-2005
 University of Charleston
 (Senior Admissions Counselor)
 2001-2003



WILLIAMSON

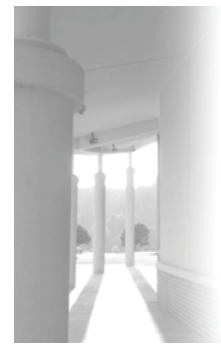
SHRIVER

ARCHITECTS

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Tab 6

References



references

This page contains a list of references for your information. Please feel free to contact any of the following at your convenience:

Mr. O. Eugene “Gene” Kitts

Alpha Natural Resources
Julian, WV
Office: 304-369-8500

Dr. Mark Manchin

Former Executive Director
School Building Authority of WV
Current Contact Information
Office: 304-326-7300

Governor Earl Ray Tomblin

Office of the Governor
State Capitol
1900 Kanawha Boulevard, East
Charleston, WV 25305
Office: 304-558-2000

Mr. Oshel Craigo, CEO

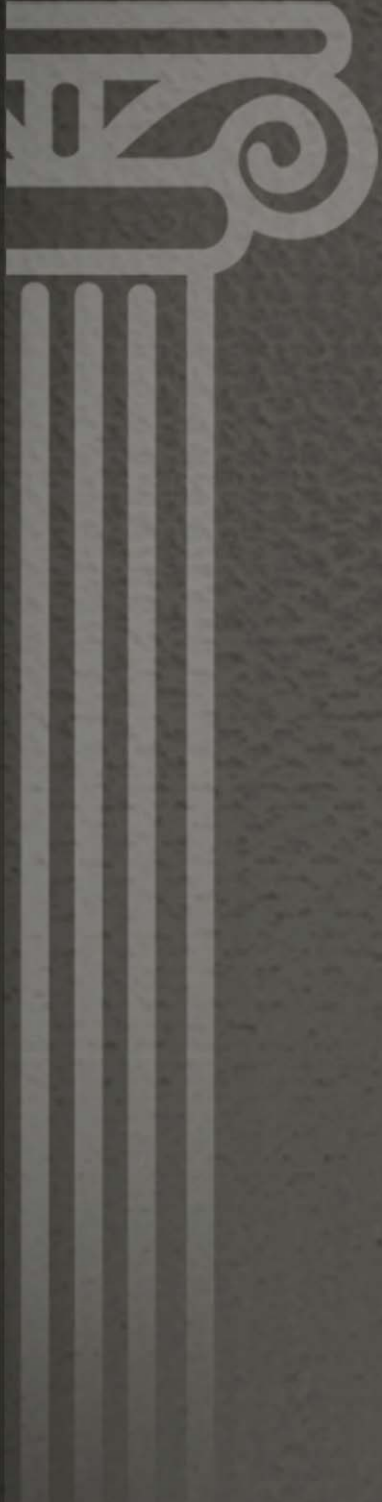
Better Foods, Inc.
209 First Avenue, South
Nitro, WV
Office: 304-722-3511
Home: 304-586-3017
Mobile: #2-304-550-2898

Mr. Richard A. Robb

Former Mayor
City of South Charleston
South Charleston, WV
Home: 304-744-8231

Honorable Mayor Mullens

City of South Charleston
South Charleston, WV
Office: 304-744-5301
Mobile: 304-389-1275



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Tab 7

Harper Engineering



Harper Engineering,pllc

52 B Street
St. Albans, WV 25177
Office: 304.722.3602 Fax: 304.722.3603

Harper Engineering, pllc 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 HVAC, Plumbing, Lighting, Electrical, Fire Alarm and Sprinkler Suppression systems.

Our 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 85 years of experience working with clients in a variety of fields including but not limited to K-12 Schools, hospitals, offices, airports, manufacturing, and water treatment plants.

Services:

HVAC Design

- Heating and Cooling load calculations
- Ductwork sizing
- Hydronic pipe sizing
- Equipment selection

Electrical Design

- Electrical load calculations
- Panel and switch gear selection
- Lighting
- Fire alarm
- Site Utilities
- Emergency Generators
- Security and communications

Plumbing Design

- Pipe Sizing
- Fixture Selection
- Sprinkler design
- Site Utilities

Drafting

- Specifications
- Project Management
- Construction Documents



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

Licensed Professional Engineer – WV, KY, MD
ASHRAE
NFPA
LEED Green Associate

Experience

Jason E. Harper, PE brings 10 years design experience to our firm. He has experience with HVAC, Electrical, plumbing, and fire alarm 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

Addition and Renovation to Geary School
Baileysville Elem. HVAC Renovations
W. Kent Carper Justice and Public Safety Complex
Dominion Gas Office Building
Renovations to Glenville ES
Addition to Shady Spring Middle School
Addition and Renovations to Flinn Elementary
Renovations to Park Middle School



Harper Engineering, PLLC

52 B Street
St. Albans, WV 25177
Office: 304.722.3602 Fax: 304.722.3603



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

Registrations/Professional Affiliations

American Society of Plumbing Engineers

Experience

Scott D. Phillips brings 30 years design experience to our firm. He has experience with mechanical, electrical, 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

W. Kent Carper Justice and Public Safety Complex
Renovations to Burnsville Elementary School
Pioneer Community Bank
Bible Center Recreation and Ministry Building
Pulmonary Associates Office Building
Additions and Renovations to Little Birch Elementary School
Moses Factory Outlet- Teays Valley
Dominion Gas Office Building
Fairmount State University WV Folk Life Center
South Preston Pre K-8 School
Rahall Technology and Business Center Community Based Outpatient Clinic
Renovations to Davis Elementary School



Kevin Mark King, PE
mark@harperengwv.com

Education

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

Bluefield State College
Bluefield, WV
Bachelor of Science-Computer Science

Registrations/Professional Affiliations

Licensed Professional Engineer – WV, KY, PA, OH, VA
WV licensed Master Electrician
LEED Green Associate
NFPA

Experience

Kevin Mark King, PE brings 9 years of electrical design experience and over 10 years of electrical construction/maintenance experience to our firm. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, emergency services facilities, government buildings and industrial projects.

Projects

Raleigh Co. 911 Center
Mason County 911 Center
WVARNG Fire Station

Independence High School HVAC
WVU Tech Printing Innovation Center
Talcott Elementary School



52 B Street
St. Albans, WV 25177
Office: 304.722.3602 Fax: 304.722.3603

Fayette Co 911 Center: HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for a new 7,200 sq ft 911 Center.

Oak Hill Police Station: HVAC, Plumbing, and Electrical design for a new 5,400 square foot office space for the City of Oak Hill Police Department.

Wayne Co 911 Center: HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for a new 5,800 sq ft 911 Center.

W. Kent Carper Justice and Public Safety Complex: HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for renovations to the 62,400 sq ft Justice and Public Safety Complex.

Dominion Gas Office Building: HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler Design for a 20,000 square foot office.

Office Addition to Boone Co. Courthouse Annex: HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for a 20,000 square foot addition and renovations to the Boone Co Courthouse Annex.

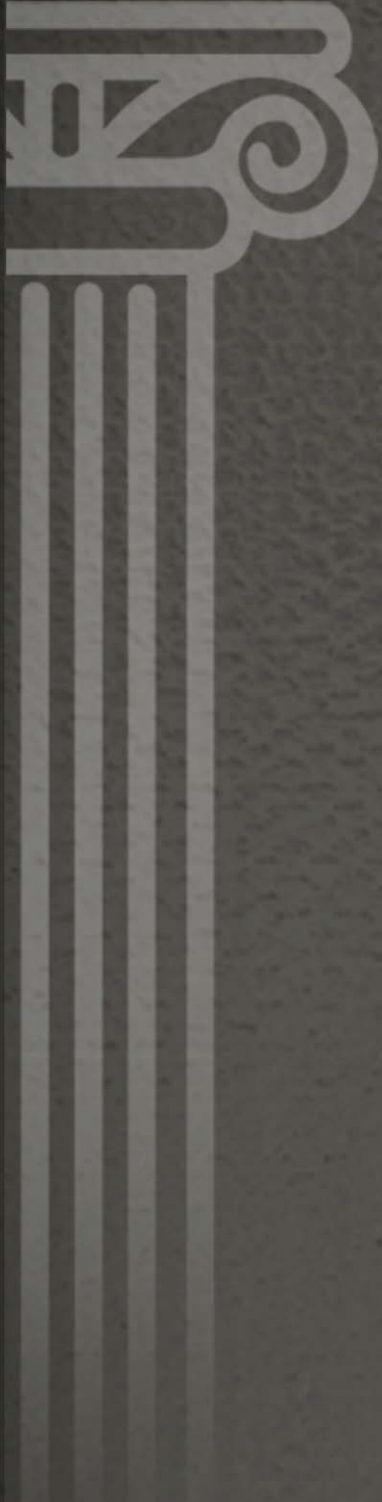
New Marsh Fork Elementary School: HVAC, Plumbing, and Sprinkler design for the new 39,000 sq ft elementary school located in Raleigh Co. WV.

Geary Elementary School: HVAC, Plumbing, Sprinkler, and Electrical design for renovations to an existing 39,500 sq ft elementary school and 21,000 sq ft gymnasium and classroom addition.

Baileysville Elementary School HVAC Renovations: HVAC and Electrical design for new HVAC, Lighting, and electrical Service.

Rahall Technology and Business Center Community Based Outpatient Clinic: HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for an 8,500 sq ft VA outpatient clinic.

Fairmont State College WV Folklife Center: HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for a renovation to a 6,100 sq ft historic building.



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Tab 8

Terradon Corporation

Corporate Overview



TERRADON Corporation offers a multi-faceted approach to design engineering and consulting services. For the past 25 years TERRADON staff has provided a wealth of engineering solutions blanketing the Appalachian and Mid-Atlantic region with successful projects. The company built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today.

The second-generation, family-owned business has built a strong reputation by providing flexible, cost effective design solutions and maintaining the highest level of customer service. The firm has been recognized through numerous awards from professional organizations and agencies including the American Society of Civil Engineers, State Highway Departments, the Department of Environmental Protection and the American Institute of Architects.

TERRADON's corporate culture promotes innovation and progressive thinking. Project leaders strive to sustain customers through a wide-range of engineering offerings. TERRADON employees understand the purpose behind their services and work to cultivate lasting relationships with clients through honest, hard work.

TERRADON is the largest woman-owned engineering firm in West Virginia. TERRADON is a certified Women's Business Enterprise as defined by the Women's Business Enterprise National Council and the National Women Business Owners Corporation.



Locations

TERRADON maintains four WV locations: headquarters near Poca/Charleston, WV and offices in Lewisburg, Clarksburg and Charlton Heights. A fifth office is located in Columbus, OH. With five locations, TERRADON is equipped to meet any engineering design needs for this project.

Qualifications



Land Development covers a broad swath of TERRADON's service offerings and sees a large percentage of its annual revenue from repeat clients or referrals. The group is composed mainly of Landscape Architects and CAD designers who frequently team with every other department within the company.

TERRADON's Land Development department collaborates with public and private entities and has a strong presence in the recreation, public/civil, educational and commercial development sectors. TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional engineers work closely with the client from the project's initial phase through a schematic design, construction documents and project delivery. TERRADON's Landscape Development Group remains on the forefront of sustainable design, providing LEED Accredited Professionals to clients. Projects utilizing sustainable design best practices aid clients in significantly reducing energy costs on projects.

TERRADON's Land Development Group works in a variety of markets including: Civic/Public, Parks/Recreation, Commercial/Industrial, K-12 Education, Higher Education and Medical.

Projects include: Master planning, recreational planning, funding agencies assistance, economic development planning, surveying, engineering, architecture, historical preservation construction administration and inspection.

LAND DEVELOPMENT SERVICES

- Master Planning
- Presentation Drawings/Renderings
- Site Feasibility Studies
- Schematic Design
- Layout Plans
- Grading Plans
- Stormwater Management Plans
- Erosion Control Plans
- Planting Plans
- Construction Observation



TECHNICAL EXPERTISE - KEY PERSONNEL

Greg Fox, ASLA, LEED AP **VP Land Planning & Development**

Greg Fox has overseen the Land Development Department at TERRADON since its inception in 2000. He offers more than 25 years of industry experience, providing design services to a variety of markets. During his tenure, the Land Development Group has completed more than one hundred K-12 Educational projects and dozens of Higher Education projects.

Under his guidance, the group has been the recipient of Engineering Excellence awards from the West Virginia Association of Consulting Engineers, and the Gold Award for Engineering Excellence from the American Council of Engineering Companies. Additionally, the Land Development Group has been recognized numerous times for Merit Awards by the West Virginia Chapter of American Society of Landscape Architects. Fox is a registered Landscape Architect in West Virginia, Ohio, North Carolina, South Carolina, Pennsylvania and Virginia. He is an active member of the American Society of Landscape Architects. Fox received degrees in Landscape Architecture and Planning from West Virginia University.

Jim Nagy, PE **Utility Infrastructure**

Nagy performs Civil Engineering related to water and waste water projects at TERRADON. He specializes in the design of water treatment and distribution systems. He has more than 25 years of on-hand experience providing engineering for the largest private water company in West Virginia. He earned a B.S. in Civil Engineering from West Virginia University. His primary focus is on management of water and wastewater projects. He also performs design work related to water distribution systems and sewage collection systems.

Shawn Gray, ASLA **Landscape Architect**

Shawn Gray is an experienced Site Designer and Land Planner who serves as an integral part of the TERRADON design team. He offers experience on many of TERRADON's highest profile projects, focusing on large scale site development and parks and recreation projects. Gray also provides site design and landscape architecture services for K-12 and Higher Education projects. He is responsible for developing site, grading, landscape and utility plans, site detailing and erosion sediment control plans and permitting.

Peter J. Williams, ASLA **Landscape Architect**

"Pete" Williams is a graduate of West Virginia University with a Bachelor of Science in Landscape Architecture. His responsibilities include landscape architectural design, grading and storm water drainage design, the design of pedestrian circulation systems and related amenities, roadway design, site planning, and quality control. Mr. Williams is registered as a professional Landscape Architect in West Virginia with more than 13 years of experience at TERRADON and more than 22 years of overall experience.

Robert Thaw, PS **VP Survey and Mapping**

Robert Thaw, Vice President of Survey and Mapping, oversees all TERRADON Survey services. TERRADON's survey group serves a diverse range of projects in support of TERRADON's service groups in addition to managing survey-specific clients. Thaw manages a staff of Professional Surveyors and Computer Aided Drafting (CAD) designers who provide mapping, construction layout, ALTA survey, topographic survey and boundary survey services. Thaw's leadership has been instrumental in TERRADON's prioritization of the use of modern technology, ensuring clients the most efficient and accurate results. Additionally, he is responsible for in-house design of commercial property sites, parking and utility easements, and review of project plans and base mapping creation. Thaw's group also provides as-built surveys, utility identification surveys and deformation monitoring of design features such as retaining walls and dams.

Bill Hunt, PG, LRS **VP Geo-Environmental, Materials Testing and Inspection**

Bill Hunt serves as Vice President of Geo-Environmental at TERRADON Corporation. He will oversee any environmental needs, permitting and direct work for geotechnical tasks and testing and inspection required of the project. Hunt offers relevant experience in environmental documentation, investigations, and coordination with federal, state, and local agencies. He prepares Environmental Impact Statements, Environmental Assessments, Section 4(f) Evaluations, and other environmental technical documents. He supervises and participates in work plan development, field surveys, on-site monitoring, data collection, impact analysis, subconsultant management, public meeting organization and group presentations.

PRIOR EXPERIENCE - Transportation Storage/Dispatching Facilities

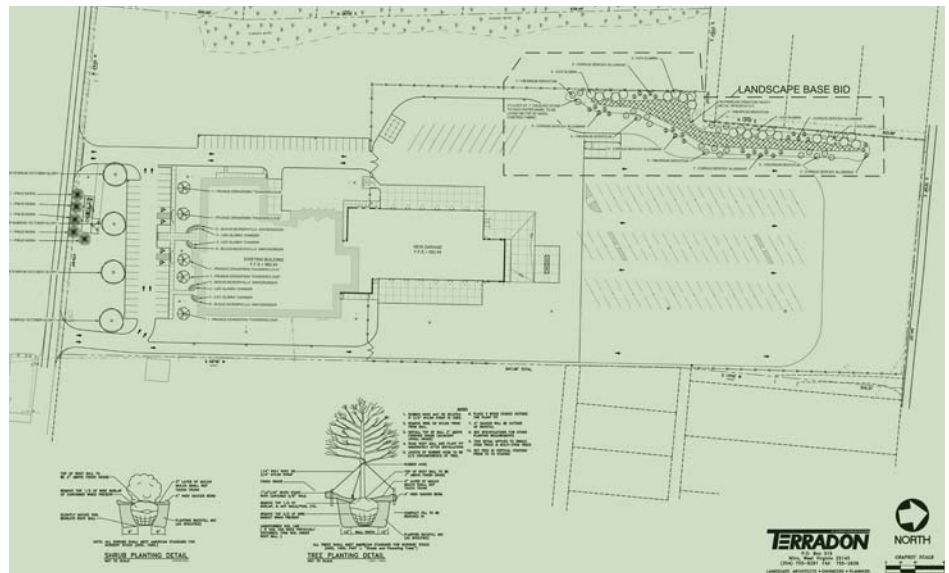
Cabell County Bus Garage

Construction began in April 2013 on the new Cabell County Schools bus garage located in Lesage, WV.

TERRADON Corporation, as a subconsultant, provided site civil design services for this major renovation project, which will house approximately 85 of Cabell County Schools' 120 buses and modernize its transportation operations by offering better access to eastern and central schools in the county. The new facility includes storage space for the large fleet of buses, service and maintenance equipment and wash bays that meet new EPA standards.

TERRADON services included:

- Civil Engineering
- Land Development
- Full Construction Documents
- Layout
- Grading
- Landscaping

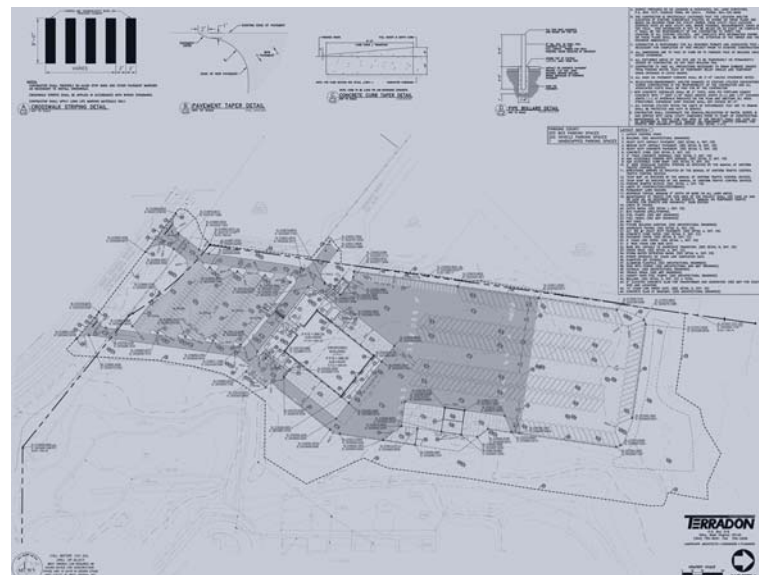


Jefferson County Bus Garage

TERRADON Corporation, as a subconsultant, provided site civil design services for the Jefferson County Bus Garage. When construction begins, this facility will provide parking for more than 200 buses and more than 200 cars. A fueling island, wash bay and new facility building also comprise the location.

TERRADON services included:

- Civil Engineering
- Land Development
- Full Construction Documents
- Layout
- Grading
- Landscaping



PRIOR EXPERIENCE - Fire Stations

Yeager Airport Fire/Crash/Rescue Station, Charleston, WV

TERRADON Corporation, as a subconsultant, provided site civil engineering design for the Yeager Airport Fire/Crash/Rescue Station in Charleston, WV. TERRADON was a part of the design/build team and created civil engineering plans & specifications for the siting of this large, 6-bay drive-thru design station. The team worked with tight existing conditions and infrastructure to make the design work economically.



Fairmont Public Safety Building & Fire Station, Fairmont, WV

TERRADON Corporation, as a subconsultant, provided site civil engineering design for the Fairmont Public Safety Building in Fairmont, WV. The Public Safety Building houses the Fairmont Public Works Department, the Fire Department and the Police Department.

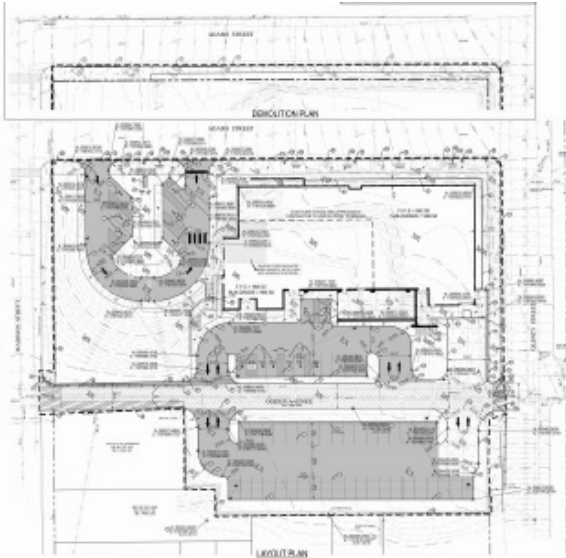
TERRADON services included: Geotechnical Engineering; Design and Boundary Survey, Full Site Engineering Drawings, Layout, Grading, and Drainage and Erosion Control.

TERRADON performed engineering services as a subconsultant to the architect. TERRADON engineers considered site layout options in order to maximize land use while minimizing earthwork and utility installations. TERRADON provided landscape and hardscape design as well.



PRIOR EXPERIENCE - Civil/Public Buildings

WV Department of Administration State Office Building, Fairmont, WV



TERRADON Corporation, as a subconsultant, is the Site/Civil consultant to the architect and also provided Environmental, Geotechnical and Survey services to West Virginia Department of Administration for the State Office Building located in Fairmont, West Virginia.

TERRADON Environmental team provided phase 1 and phase 2 Environmental site assessments (ESA) for the site, phase 2 ESA consisted of: soil and ground water sampling and pesticide wipe sampling. The team also conducted asbestos survey and lead-paint survey. For the project, TERRADON prepared quantities for bid documents and provided oversight for demolition and abandonment.

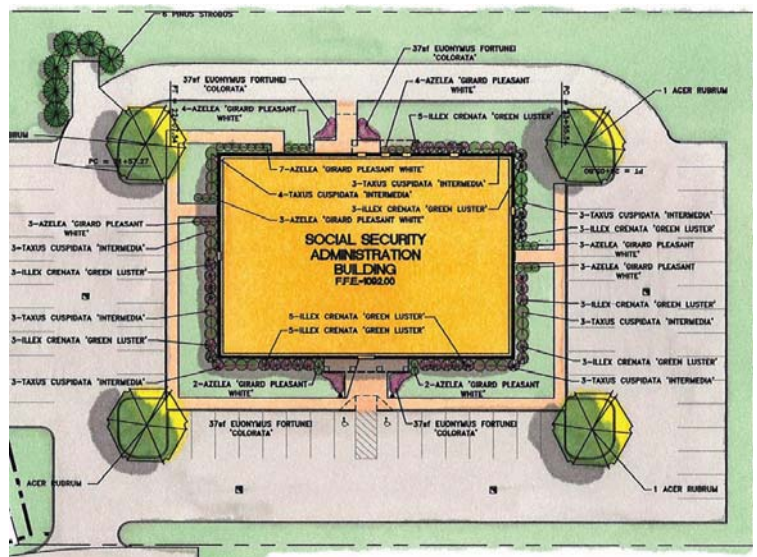
TERRADON Geotechnical experts conducted investigation of existing filled basements and foundation investigation and design of the Fairmont building site.

Social Security Administration Building, Logan, WV

TERRADON, as a subconsultant, Corporation provided site civil engineering design for the Social Security Administration Building in Logan, WV.

TERRADON services included:

- Design and Boundary Survey
- Full Site Engineering Drawings
- Layout
- Grading
- Drainage and Erosion Control



PRIOR EXPERIENCE - First Responder Centers

Kanawha County Metro 911

TERRADON Corporation, as a subconsultant, provided site civil engineering design for the Kanawha County Commission 911 Call Center.

TERRADON services included:

- Design and Boundary Survey
- Full Site Engineering Drawings
- Layout
- Grading
- Drainage and Erosion Control



TERRADON performed engineering services as a subconsultant to the architect. TERRADON engineers considered site layout options in order to maximize land use while minimizing earthwork and utility installations, resulting in an end savings to the owner. TERRADON also designed parking, access, landscapes and hardscapes for the project. The Kanawha County Metro 911 Center is a central emergency hub who coordinates with 47 other agencies in emergency situations.



Lincoln County 911 Call Center

TERRADON Corporation, as a subconsultant, provided site civil engineering design for the Lincoln County Commission for the Lincoln County 911 Call Center. TERRADON performed engineering services as a subconsultant to the architect. TERRADON engineers considered site layout options in order to maximize land use while minimizing earthwork and utility installations. TERRADON provided landscape and hardscape design as well.



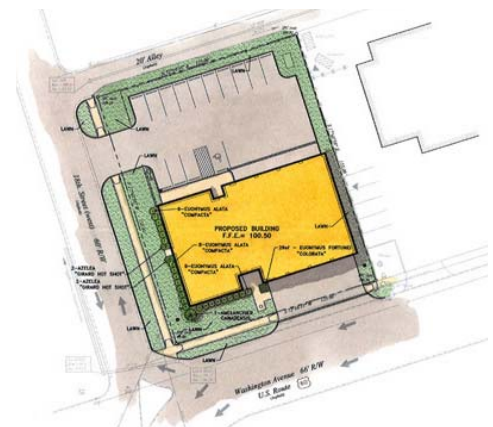
TERRADON services included:

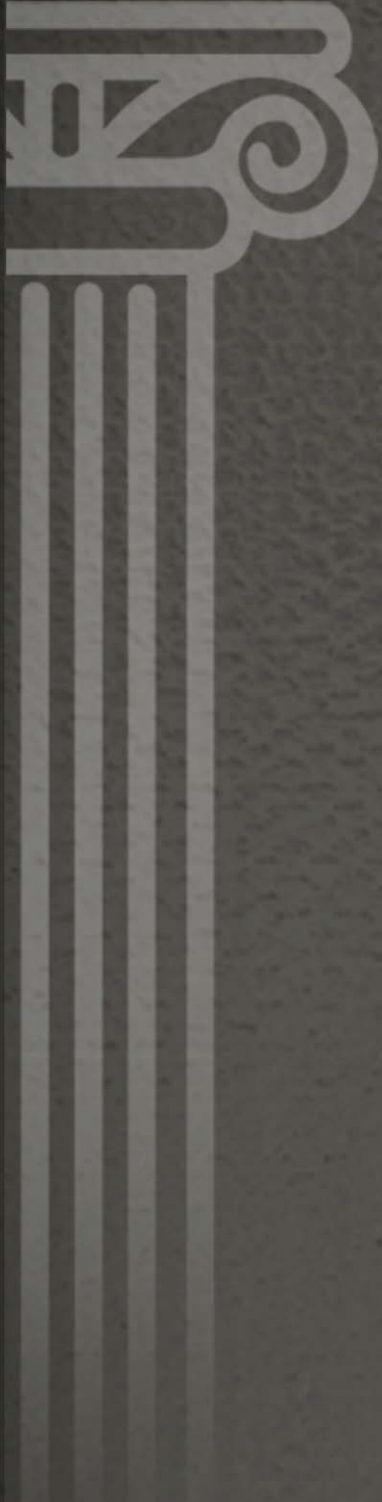
- Design and Boundary Survey
- Full Site Engineering Drawings
- Layout
- Grading
- Drainage and Erosion Control

Cabell County EMS Stations

TERRADON Corporation, as a subconsultant, performed Site Civil Engineering Services for two Cabell County EMS Stations—one on Norway Avenue and the other in Westmoreland. TERRADON’S services included site civil engineering design for the following:

- Layout
- Grading
- Drainage
- Utilities
- Erosion and sediment control





WILLIAMSON

SHRIVER

ARCHITECTS

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Tab 9

Watkins Design Works



CURRICULUM VITAE

Jill M. Watkins, Principal

Education

Bachelor of Science in Interior Design May 1993
The University of Tennessee, Knoxville CIDA Accredited

Certifications / Accreditations

National Council for Interior Design Qualification (NCIDQ)..... Oct 1997
LEED Accredited Professional BD+C Apr 2003

Community Involvement / Memberships

U.S. Green Building Council WV Chapter Vice Chair
Leadership Kanawha Valley 2014–2015 Participant
American Institute of Architects WV Chapter..... Professional Affiliate Member
Sustainability Institute at BridgeValley Advisory Council Chair
Charleston Area Alliance Member
American Society of Interior Designers Professional Member
U.S. Green Building Council..... National Organizational Member

Previous Experience

ZMM Architects and Engineers May 2008 – Dec 2013
Interior Designer/Sustainability Coordinator Charleston, WV
In this dual role, Jill worked alongside project architects in developing comprehensive finish and furniture designs, as well as with all project team members on the firm's LEED projects.

Cubellis Dec 2005 – May 2008
Senior Interior Designer Boston, MA
Jill was responsible for design of the firm's Boston headquarters, which received LEED–CI Gold Certification in August of 2009. She was also a key team member in the design of Gillette's renovated global headquarters and subsequent tenant redistribution in their former lease space.

Wolf Maison Limited Feb 2004 – Aug 2005
Interior Designer Cleveland, OH
As interior designer for this architectural start-up, Jill expanded her experience into dental office design and high-end residential projects, along with additional corporate work. She also provided LEED assistance to Cleveland State University in the form of drawing and specification reviews and recommendations for the new Recreation Center; the building is LEED Silver Certified.



- Doty & Miller Architects May 2003 – Feb 2004
Interior Designer Cleveland, OH
For one of Cleveland’s greenest architectural firms, Jill provided sustainable interior design for a variety of project types, including healthcare, public and nonprofit organizations.
- URS Corporation Nov 1999 – Feb 2003
Senior Interior Designer Cleveland, OH
Jill participated among teams of interior designers, architects and engineers to work on secondary schools, higher education, and public projects.
- KA, Inc. Architecture Apr 1998 – Nov 1999
Interior Designer Cleveland, OH
Jill went to KA after their purchase of Triad Design in 1998. As part of the Corporate Studio, she gained experience in the design of corporate headquarters, but also assisted architects with malls and big-box retail store design and documentation.
- Triad Design Interiors Aug 1996 – Apr 1998
Interior Designer Cleveland, OH
As a designer with this small interior design firm, Jill was involved in many different project types, including corporate offices, restaurants, and private suites for the new Cleveland Browns football stadium.
- Koster & Associates Architects Mar 1995 – Aug 1996
Interior Designer Cleveland, OH
Koster & Associates specialized in library design throughout the Midwest. Jill was responsible for interior finishes, furniture design and custom millwork design and documentation.
- Capitol Business Interiors May 1993 – Feb 1995
Interior Designer Charleston, WV
After working at CBI in the summer months while in college, Jill worked as a full-time designer supporting the salespeople in the firm’s many public and private projects, including Union Carbide’s Building 6000 and the initial renovation of One Station Place.

Professional References

COL David Shafer
West Virginia Army National Guard
304.382.7861 mobile
david.p.shafer.mil@mail.mil

Erica Boggess, Acting Executive Director
West Virginia Housing Development Fund
5710 MacCorkle Avenue, Charleston, WV
304.391.8638, ericaboggess@wvhdf.com

LTC Craig Lambert, Retired
West Virginia Army National Guard CFMO
304.561.7501 mobile

Alan Engelbert, Director
Kanawha County Public Library
123 Capitol Street, Charleston, WV
304.343.4646 ext. 1241
alan.engelbert@kanawhalibrary.org

MG Melvin Burch, Retired
West Virginia Army National Guard CFMO
304.727.0074 home



Representative Projects

West Virginia Army National Guard

Clarksburg Armory / Weston Armory Interior Renovations
5 Armory Road, Clarksburg, WV 26301 / 40 Armory Road, Weston, WV 26452
Architect: Williamson Shriver Architects
Project Manager: Jim Skaggs, WVARNG CFMO, 304.561.6550

The armories in Clarksburg and Weston are slated to receive finish and ADA upgrades to the shower/locker rooms. Jill was responsible for documentation of existing conditions, overall drawing production and finish selections.

Joint Interagency Training and Education Center
1001 Army Road, Kingwood, WV 26537
Architect: ZMM Architects & Engineers
Project Manager: Todd Reynolds, WVARNG CFMO, 304.561.6445

As a joint venture between ZMM and AECOM, the *Joint Interagency Training and Education Center* at Camp Dawson was designed to provide a 24/7 operations center and expanded billeting facility. Jill was responsible for interior design of the Billeting addition, including the main lobby, Liberty Lounge, signage, millwork, and billet rooms; coordination of finishes with the AECOM team; and assisted in LEED coordination. She played an integral role in achieving SSc8 Light Pollution Reduction as the main author of an appeal to the USGBC. The project is on track to receive LEED Gold Certification.

Jackson County Armed Forces Reserve Center
8832 Point Pleasant Road, Millwood, WV 25262
Architect: ZMM Architects & Engineers
Project Manager: Greg Thaxton, WVARNG CFMO, 304.561.6445

The *Jackson County Armed Forces Reserve Center* is designed to house several units, with an expanded drill hall that is used for various community events. Jill worked closely with the architect to develop a comprehensive interior color palette that works seamlessly with the exterior materials, as well as interior details, lighting design, and LEED coordination for the project. She designed enhanced acoustical treatments for the drill hall that expand its functionality as a large group space. The AFRC is designed to meet LEED Silver certification.

Morgantown Readiness Center
Morgantown Municipal Airport, Morgantown, WV 26505
Architect: ZMM Architects & Engineers
Project Manager: Darryl Sears, WVARNG CFMO, 304.561.6445

As home to the 249th Army Band and other units, the *Morgantown Readiness Center* features an auditorium, practice rooms, offices, classrooms and drill hall. Jill was responsible for interior design of all areas, coordination with the acoustic consultant and LEED coordination. The project is designed to meet LEED Silver certification.



West Virginia Army National Guard *continued...*

Logan-Mingo Readiness Center

James A. "Buck" Harless Industrial Park, Holden, WV 25625

Architect: ZMM Architects & Engineers

Project Manager: Greg Thaxton, WVARNG CFMO, 304.561.6445

Housing the military police and other units in the heart of coal country, the Logan-Mingo Readiness Center is just now under construction. Jill was responsible for all aspects of the interiors for public areas, offices, classrooms, and drill hall. The interior design includes a darkly painted "coal seam" that is seen throughout the public spaces and combined with bright accent colors. She was also responsible for LEED coordination; the project is designed to meet LEED Silver certification.

Wood County Commission

The new *Wood County Justice Center* in Parkersburg is a culmination of the Sheriff's Department, Magistrate Court and 12-hour holding center moving from three separate buildings into one existing building. Jill was responsible for programming, space planning, interior design, millwork design, lighting design, furniture design and LEED Coordination.

The project is LEED Certified.

West Virginia Housing Development Fund

For the WVHDF's new office building in Kanawha City, Jill developed a clean, modern color palette and furniture design to match. She was also responsible for lighting and millwork design, and many sustainable features of the building.

Jackson County Schools

Jill provided an interior design for the new *Kenna Elementary School* that followed the client's wishes for a "West Virginia" theme. A blue "river" undulates down the main corridor; accent colors include deep blue, green and yellow; and furniture was designed to enhance the color scheme.

Kanawha County Public Library

The new *Elk Valley Branch Library* in Elkview is providing a much-needed modernized and accessible space for this small branch. The library moved into an existing building and Jill was responsible for all aspects of the interior, including space planning, finish selections, furniture design, and construction administration.

Christ Church United Methodist

This historic church near Charleston's East End underwent an extensive renovation of its educational wing, choir area, teen area, and gymnasium. Jill was responsible for finish selections, furniture design, coordination with each committee, and assisted with construction administration.

Procter & Gamble

Not long after Procter & Gamble purchased Gillette in 2005, plans to convert the original Boston factory into *Gillette's Corporate Headquarters* with expanded amenities and strict P&G branding commenced. Jill was a key team member consisting of architects and other interior designers involved in programming, master planning, space planning, design and documentation.



CAPABILITIES STATEMENT

Jill M. Watkins, Principal

Core Competencies

We provide all aspects of interior design service, including:

- Programming
- Schematic design, space planning, and design development
- Contract and bid documents
- Interior construction administration
- Lighting design
- Custom casework and millwork design
- Furniture design
- LEED Green Building Rating System consulting

Differentiators

With over 20 years of commercial interior design experience and 7 years of recent design experience for the WV Army National Guard, we are uniquely qualified to provide interior design services for the new maintenance building at the Coonskin campus. Interior design for the military requires a detailed understanding of mission, space program, building codes, and owner expectations. As West Virginia’s only 100% commercial interior design firm, Watkins Design Works brings this level of detail to the WVARNG, as well as the creativity needed to provide functional, attractive interior spaces that meet project goals and objectives.

Corporate Data

Watkins Design Works is a commercial interior design and green building consulting firm, established in January 2014. Our work is focused in West Virginia and surrounding states.

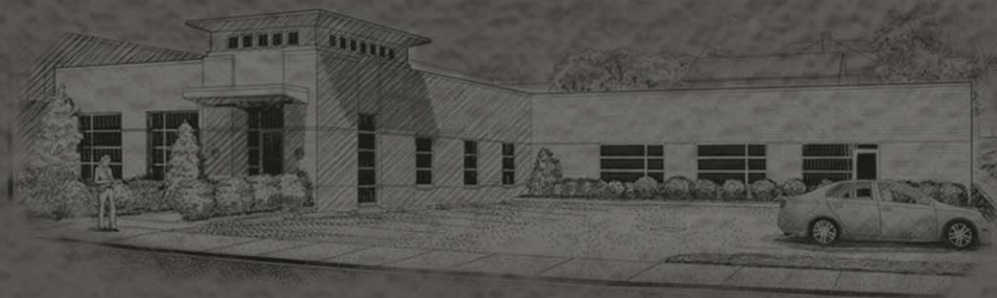
DUNS Number 079258297
 CAGE Code 71X86
 NAICS Codes 541410, 541620
 EIN 46-4275408

Small Business Administration Certifications:
 Woman-Owned Small Business
 Economically Disadvantaged Woman-Owned Small Business

State of West Virginia Vendor Certifications:
 WV Oasis Vendor Code 190493
 Small Business and Woman-Owned Business

Contact Information

Watkins Design Works, LLC
 Jill M. Watkins, LEED AP BD+C, NCIDQ, ASID, Principal
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 jill@watkinsdesignworks.com
 http://www.watkinsdesignworks.com



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