

# EXPRESSION OF INTEREST

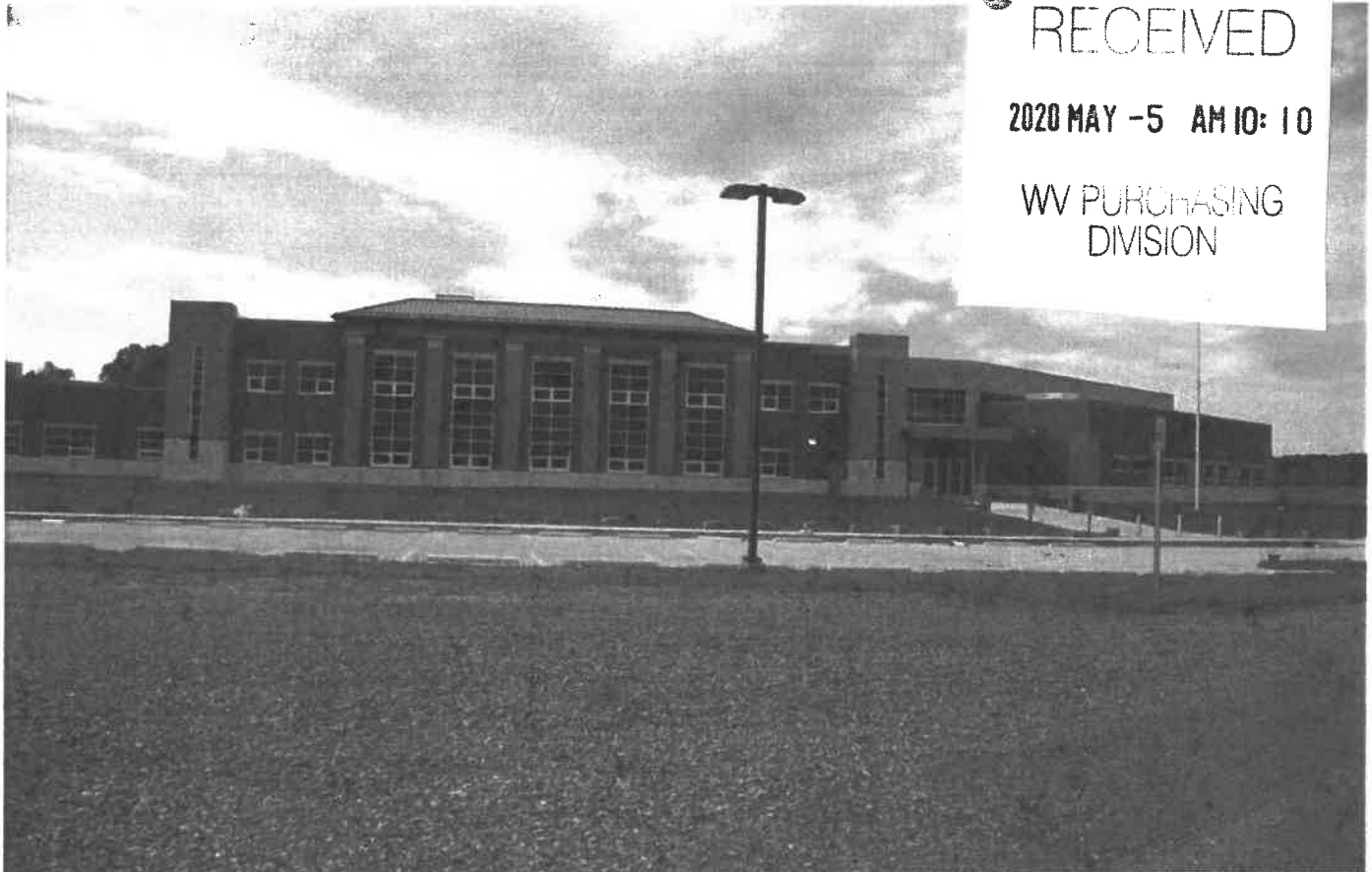
## Buckhannon Readiness Center Phase II Design



RECEIVED

2020 MAY -5 AM 10:10

WV PURCHASING  
DIVISION



**WYK ASSOCIATES, INC.**

ARCHITECTURE • PLANNING

205 Washington Ave., Clarksburg, WV 26301 (304) 624-6326 [www.wykarchitects.com](http://www.wykarchitects.com)

**BUCKHANNON, WV**



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

205 Washington Avenue  
Clarksburg, West Virginia 26301  
Phone: (304) 624-6326 Fax: (304) 623-9858  
E-mail: wyk@wykarchitects.com

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

May 04, 2020	Job # 200000009
ATT: Tara Lyle, Buyer Supervisor	
RE: Buckhannon Readiness Center	
Phase II Design	

**We Are Sending You**

- Attached       Under separate cover via \_\_\_\_\_ the following items:  
 Shop Drawings       Prints       Sketch       Samples       Specifications  
 Copy of Letter       Change Order       Submittals       via UPS

Copies	Date	No	Description
1	05-04-20	Hard Copy	Expression of Interest for Buckhannon Readiness Center Phase II Design
3		CDs	Solicitation No. GEOI ADJ200000009
			SEALED BID: Buckhannon Readiness Center Phase II Design
			BUYER: Tara Lyle
			SOLICITATION NO: ADJ200000009
			BID OPENING DATE: <del>April 30, 2020</del> <b>May 5, 2020</b>
			BID OPENING TIME: 1:30 PM
			FAX NUMBER: 304-623-9858

**These Are Transmitted**

as checked below:

- For Approval       Furnish as Submitted       Resubmittal Not Required      \_\_\_ Copies for Approval  
 For Your Use       Furnish as Corrected       Rejected      \_\_\_ Copies for Distribution  
 As Requested       Revise and Resubmit       Resubmit      \_\_\_ Corrected Prints  
 For Review and Comment      \_\_\_\_\_  
 FOR BIDS DUE \_\_\_\_\_       PRINTS RETURNED AFTER LOAN TO US

**Remarks**

WYK Associates, Inc. thanks you for the opportunity to submit a proposal on this project. We look forward to the possibility of working with you in the near future.

COPY TO: file

SIGNED: James B. Swiger, AIA

*If enclosures are not as noted, kindly notify us at once.*

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

James B Swiger, AIA / President  
(Name, Title)  
WYK Associates, Inc  
(Printed Name and Title)  
205 Washington Avenue Clarksburg WV 26301  
(Address)  
304-624-6326 / 304-623-9858  
(Phone Number) / (Fax Number)  
james@wykarchitects.com  
(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

WYK ASSOCIATES, INC.  
(Company)

James B Swiger AIA - PRESIDENT  
(Authorized Signature) (Representative Name, Title)

JAMES B. SWIGER, AIA  
(Printed Name and Title of Authorized Representative)

5/1/2020  
(Date)

304-624-6326      304-623-9858 - FAX  
(Phone Number) (Fax Number)

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CEOI ADJ200000009**

**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.

WYK ASSOCIATES, INC.  
Company  
Joseph B. Shroyer, AIA  
Authorized Signature  
5/1/2020  
Date

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

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** 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 exceeds 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: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, 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: WYK Associates, Inc.

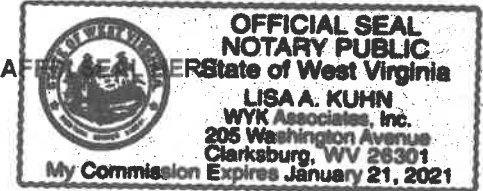
Authorized Signature: [Signature] Date: 5/1/2020

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 1<sup>st</sup> day of May, 2020

My Commission expires January 21, 2021.



NOTARY PUBLIC [Signature]

# BUCKHANNON READINESS CENTER PHASE II DESIGN

## Table of Contents

---

Letter of Interest

Company Overview / Publication

Project Team

Projects

Resumes

**Consultants**

GAI Consultatns, Inc.

CAS Structural Engineering , Inc.

ZDS Design / Consulting Services

&estimate I a PCS Company

Edgar Rae Interiors, LLC

WYK's Repeat Clientele / References

Testimonials



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Buckhannon Readiness Center  
Phase II Design**

**LETTER OF INTEREST**



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

May 4, 2020

Ms. Tara Lyle, Buyer Supervisor  
Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305

Re: Buckhannon Readiness Center Phase II Design

Dear Ms. Lyle:

WYK Associates, Inc. wishes to express a strong interest in providing design services for this exciting project! We have included on our team GAI Consultants for Civil Engineering, Surveying and Landscape Architecture, CAS Engineering for Structural Engineering and ZDS Design Consultants / Engineering for Mechanical, Electrical and Plumbing Design all located out in the Charleston area. We have also enlisted Edgar Rae Interiors, LLC for Interior Design Services and &estimate (a PCS Company) for Construction Cost Estimating / Budget Control if their expertise are required. WYK has a solid working relationship with these consultants and we have custom tailored the team to what we believe is the best team for the unique needs of your project. This proven team has worked together on several successful projects together over a number of years. For decades we have been successful with focusing on architecture, which we are trained at and do best. We carefully select and utilize knowledgeable, experienced and trained consultants who specialize in their respective disciplines.

Our experience includes work on a wide variety of building types and projects of varying scopes and complexities, including projects for the WVARNG at Camp Dawson. Examples of these are included in this Expression of Interest. WYK Associates, Inc. and its predecessors have provided architectural services in West Virginia since 1900. We believe that our knowledge and expertise and strong project team make our firm a sound choice for this endeavor. If LEED or Energy Star requirements are sought for this project, our team has the expertise to handle these facets of this renovation.

Our design team has vast experience evaluating and working within existing buildings with many build-outs in either new construction or complete gut and re-dos. Additionally, we have worked with upgrading many existing buildings to meet modern day codes while maintaining the original integrity of the structure. We are strong proponents of first performing a space needs assessment, which physically evaluates each building, its use and size and determines who is using every square foot of every building. We also evaluate the space relationships and functionality of each department and how each fits within the overall plan. This is often a revealing process. This method has many times proven to minimize the amount of new construction needed over what was originally anticipated.

We understand the importance of working with the staff at the Buckhannon Center and the State of West Virginia Purchasing Office to develop a common sense design solution that works best for you with regards to the scope of work, schedule and available funding. The principals noted in our Team Organizational Chart will be the individuals with whom you will work. We feel that the involvement of these principals throughout the course of the project allows us to provide our utmost level of service. We have demonstrated these services on a variety of projects time and time again.

Thank you for your consideration, we welcome the opportunity to meet with you to discuss your project further. Please feel free to contact me if you any questions or need any additional information regarding this submission at 304-624-6326 (office) 304-677-3373 (cell) or via e-mail at james@wykarchitects.com.

Respectfully Submitted,

James B. Swiger, AIA, NCARB, LEED AP BD+C  
President





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Buckhannon Readiness Center  
Phase II Design**

**COMPANY OVERVIEW / PUBLICATION**



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Company Information

Identity • Project Philosophy • Project Management

[www.wykarchitects.com](http://www.wykarchitects.com)



### Our Identity

#### Who we are

WYK Associates, Inc. is a full service architectural and planning firm serving a wide variety of commercial, religious, educational, civic and industrial clientele.

WYK Associates, Inc. was established in 1900 by Edward J. Wood. Our archives are filled with a century's worth of historic work. From this, many predecessors who have carried the torch of the firm through the last century.

Wood's grandfather's firm had roots in North Central West Virginia dating back to the early twentieth century. William Yoke, Jr. and Howard Kelley partnered with Mr. Wood in 1974 to form WYK Associates, Inc.

Mr. James Swiger joined the firm in 2005 and became a principal and vice president in 2008. In 2010, Mr. James Swiger assumed sole owner of WYK Associates, Inc.

### Project Philosophy

#### Our process at work

COMMUNICATION & TEAMWORK are our guide words for each project. Our client's requirements for quality, service and value are the driving force behind each decision.

Through collaboration with engineering consultants we address the needs and schedule requirements of each client.

We provide thorough planning in all areas of each project to fit the individual requirements for a positive impact on both the natural and built environments. Energy conservation and product safety are very important concerns.

### Project Management

#### How we create excellence

We carefully evaluate the client's program, design concerns, budget, funding sources, and other available data to assure a clear understanding of each project.

We incorporate input from our client and consultants to establish the budget and schedule. These facets are updated during each stage of project development to ensure our client's parameters are met.

WYK's principals engage and manage the entire project team, from concept through occupancy. WYK Associates, Inc. has an outstanding reputation for providing construction administration services along with maintaining an excellent rapport with contractors.

“ Our building stands as a tribute to you and your firm for a job well done. ”

-Charles A. Feathers, Chief Bridgeport Fire Department, Retired



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Company Information

Identity • Project Philosophy • Project Management

## Architecture

### Contact Information

WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

304-624-6326

304-677-3373 Cell

304-623-9858 Fax

[www.wykarchitects.com](http://www.wykarchitects.com)

### Summary

Established as a full service architecture firm in 1900, then named Edward J. Wood Architect, WYK Associates, Inc. has been located in Clarksburg for 119 years. Through innovative and thoughtful responses to the unique issues of each project, our goal is to create places that fit the needs and desires of those who use them.

Our team approach integrates the collaborative strengths of each member to produce a solution of balance between design quality, schedule and budget. We have always considered sustainability, the built environment, and quality of life long before the public began to focus on its benefits. We take seriously the responsibility of designs and solutions to be cost effective and operate efficiently throughout the building's lifecycle.

### Relevant Project Experience:

- West Virginia Folklife Center, Fairmont State University
- Central Fire Station, Clarksburg, WV
- Circleville School, Pendleton County, West Virginia
- Pocahontas County Courthouse, Marlinton, WV
- Barbour County Courthouse, Philippi, WV
- Gassaway Depot, Gassaway, WV
- Immaculate Conception Parish Center, Clarksburg, WV
- Jackson Square, Clarksburg, WV
- Robinson Grand Performing Arts Center, Clarksburg, WV



Robinson Grand Performing Arts Center



West Virginia Folklife Center



Central Fire Station

### Memberships





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Company Information

Identity • Project Philosophy • Project Management

## Awards



### 2013 WV AIA MERIT AWARDS

ALL-ACHIEVEMENT IN  
ARCHITECTURAL DESIGN

MIDDLE-INTERIORS

BOTTOM-UNBUILT CATEGORY

Fairmont State University –  
Frank & Jane Gabor Folklife Center  
Fairmont, West Virginia  
Size: 6,900 S.F.

The Folklife Center was constructed in 1903 by Michael Kennedy and is the last remaining vestige of the Kennedy's dairy farm. The building had been seriously compromised by years of neglect and fire damage. Due to the building's history and notable residents, it was placed on the National Register of Historic Places in 2006.



FSU-Interior Design  
Fairmont, West Virginia

After developing an architectural program for the Folklife Program, WYK Associates, Inc. decided to remove a floor from the existing structure and create a first floor classroom area, and a second floor "Great Room" which would restore the open structure of the barn and provide both exhibit and multi-use space.



Shinnston Community Center  
Shinnston, West Virginia  
Size: 17,000 S.F.

The facility will serve as a performing arts center, a look out for downtown events such as parades, etc. A much needed large banquet hall, accommodating 350 people, will provide the city with a gathering space for meetings and community organization. There is also a room solely dedicated to the Shinnston Senior Citizens, and another additional meeting room. The upper level of the building serves as the city administration offices and Council Chambers.



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Company Information

Identity • Project Philosophy • Project Management

## Awards



2019 WV-AIA Honor Award for Design Excellence in Architecture - Historic Preservation

2019 WV-AIA Craftmanship Award for Excellence in Architectural Detail and Craftmanship

### **Robynson Grand Performing Arts Center Clarksburg, West Virginia**

Size: 45,000 S.F.

This project was awarded full EPACT Tax credits for surpassing the ASHRAE 2007 Standards for HVAC, Interior Lighting and Building Envelope Exterior Improvements. It was also awarded the 2018 Excellence in Construction Award from the Associated Builder and Contractors, Inc.



2013 WV-AIA Merit Award for Design Excellence

### **West Union Bank- Newpointe Clarksburg, West Virginia**

Size: 9,000 S.F.

The design uses a combination of glass curtain wall with brick and monumental masonry units to present a very contemporary image. Because of the building orientation, the glass elevations require the use of solar glazing and a brise soleil system to reduce heat gain and glare in the offices.



2013 WV-AIA Merit Award for Design Excellence

### **West Pike Street Parking Facility**

Clarksburg, West Virginia

Size: 57,000 S.F.

The facility's design compliments all the adjacent properties, both historic and modern. A variety of outdoor activities are easily held here, enhancing the city's economy and livability. Designed by Associated Architectural Consultants, PLLC, which is a combination of Ralph Pedersen Architect & WYK Associates, Inc.



2013 WV-AIA Merit Award for Design Excellence and Sustainable Design

### **Information Manufacturing Corporation (I.M.C.)**

Cowen, West Virginia

Size: 18,000 S.F.

With Sponsorship from Senator Robert C. Byrd, the Webster County Development Authority commissioned this "state of the art" facility to house Information Manufacturing Corporation's regional operations. The important notion of sustainability is addressed through use of recycled steel, regional materials, and an innovative geothermal heat pump heating and cooling system.



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Company Information

Identity • Project Philosophy • Project Management

## 3D Laser Scanning / 3D Modeling / 3D Printing

WYK Associates, Inc. welcomed the New Year by taking a leap of progress in architectural design. By acquiring a color 3D printer, the Clarksburg architectural-planning firm puts themselves on the map as an industry leader in the region.

3D printing technology is just now becoming available, commercially. A color 3D printer creates a physical, three-dimensional gypsum-based model of any project from a digital prototype in nearly three million colors, allowing for exact detailing in every model.

“Our refined modeling process allows our clients to see and touch a new building at scale, but with its actual features. It enables our clients to make educated choices with less variance between their expectation and the actual outcome,” states James B. Swiger, President of WYK Associates, Inc.

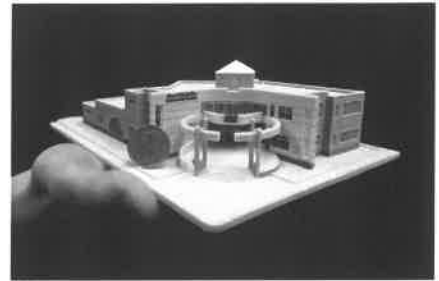
The decision to purchase a color 3D printer was not made lightly. Evaluating different brands, methods

and technologies in 2013 and visiting maker labs and distributors in—and out-of-state, WYK opted for a solution tailored to the architectural environment and the company’s clients, by choice the “greenest”, most environmentally friendly model available to date.

To unleash the full potential of the 3D printer, WYK partners with ZDS Design/Consulting Services on 3D laser scanning. In the process of 3D laser scanning, laser beam signals that collect survey data points are used to capture images, make drawings and record measurements of a structure.

Combining the two technologies, existing buildings are scanned to the accuracy of one millimeter and then recreated as scale models on the 3D printer. An exciting combination - another first for the region - producing results greater than the sum of its parts.

“The possibilities are endless, and we have only just begun,” says Swiger enthusiastically.



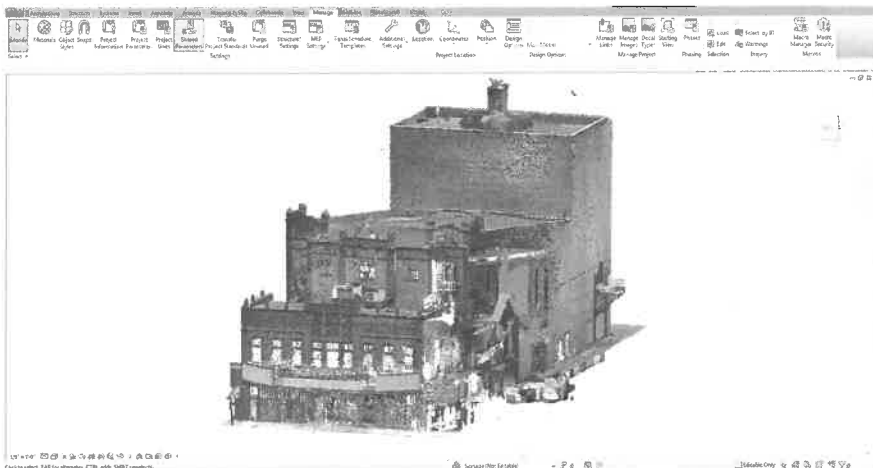
Shinnston Community Center Physical Model



Photo of Building Interior



3D Scan of Building Interior



3D Modeling of Robinson Grand Theater



3D Laser Scanning



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Company Information

119 Years of Excellence in Architecture



### Rooted in History

The history of WYK Associates, Inc. is intertwined with the history of architecture in West Virginia. Through the years, countless buildings have been designed, expanded, and renovated by our company and its predecessors.

### Focus on Knowledge

Our staff is academically trained, all of our Architectural Interns have a degree in architecture from the East Coast's most prominent design schools. We know that professional development and enrollment with the professional organizations of our trade is the key to skilled employees.

### Backed by Experience

We have been involved in a multitude of projects serving clients of the private, industrial and public sectors. From LEED-certified building design and complex multi-phase additions to the careful renovation of historical landmarks or our national heritage, we have been instrumental in our client's building success.

### Passing the Torch

With generations of skilled architects contributing to the growth, values and success of our company, we developed a reliable process and keep an archive of documented solutions for architectural problems and planning challenges. This helps us to save time and resources, providing an advantage for our clients.

### Ready for the Future

We are the first West Virginia architect to offer 3D printing solutions in-house, and with integration of 3D scanning and BIM in our projects, we are ready for the future of our trade.

- 2019 —  
Robinson Grand Performing Arts Center receives two AIA-WV Design Awards
- 2019 —  
WYK Associates, Inc. signs contract to renovate the Historic Tyler County Courthouse
- 2018 —  
RGPAC construction complete. Grand Opening!
- 2017 —  
Construction begins on the RGPAC
- 2017 —  
Ribbon Cutting Ceremony held for Clarksburg Federal Credit Union
- 2016 —  
Upshur County Courthouse Roof and Chimney Restoration
- 2015 —  
WYK Associates, Inc. signs contract to renovate the Robinson Grand Theatre
- 2012 —  
James Swiger becomes sole owner of WYK, now President and Principal-In-Charge
- 2011 —  
William E. Yoke, Jr. retires, James Swiger becomes President
- 2008 —  
James Swiger becomes Partner and Vice President
- 2005 —  
James Swiger returns as Project Architect
- 1996 —  
James Swiger becomes an Architectural Intern at WYK Associates, Inc.
- 1996 —  
Carleton Wood, Jr. retires; William E. Yoke, Jr. becomes President
- 1978 —  
WYK Architects, Inc. becomes WYK Associates, Inc.
- 1976 —  
Carleton Wood, Jr., William E. Yoke, Jr. and Howard Kelley form WYK Architects, Inc.
- 1973 —  
Whalen King Architects purchases W.H. Grant's firm
- 1971 —  
Carleton Wood, Jr. joins Whalen King Architects
- 1956 —  
William H. Grant, Jr. acquires firm
- 1939 —  
Carleton Wood selected to rebuild Robinson Grand Theatre
- 1927 —  
Carleton Wood designs Clarksburg Fire Station
- 1921 —  
Firm changes to E.J. Wood and Son Architects as Carleton Wood joins
- 1910 —  
Edward J. Wood commissioned Marion County Jail
- 1900 —  
Edward J. Wood starts architectural practice



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

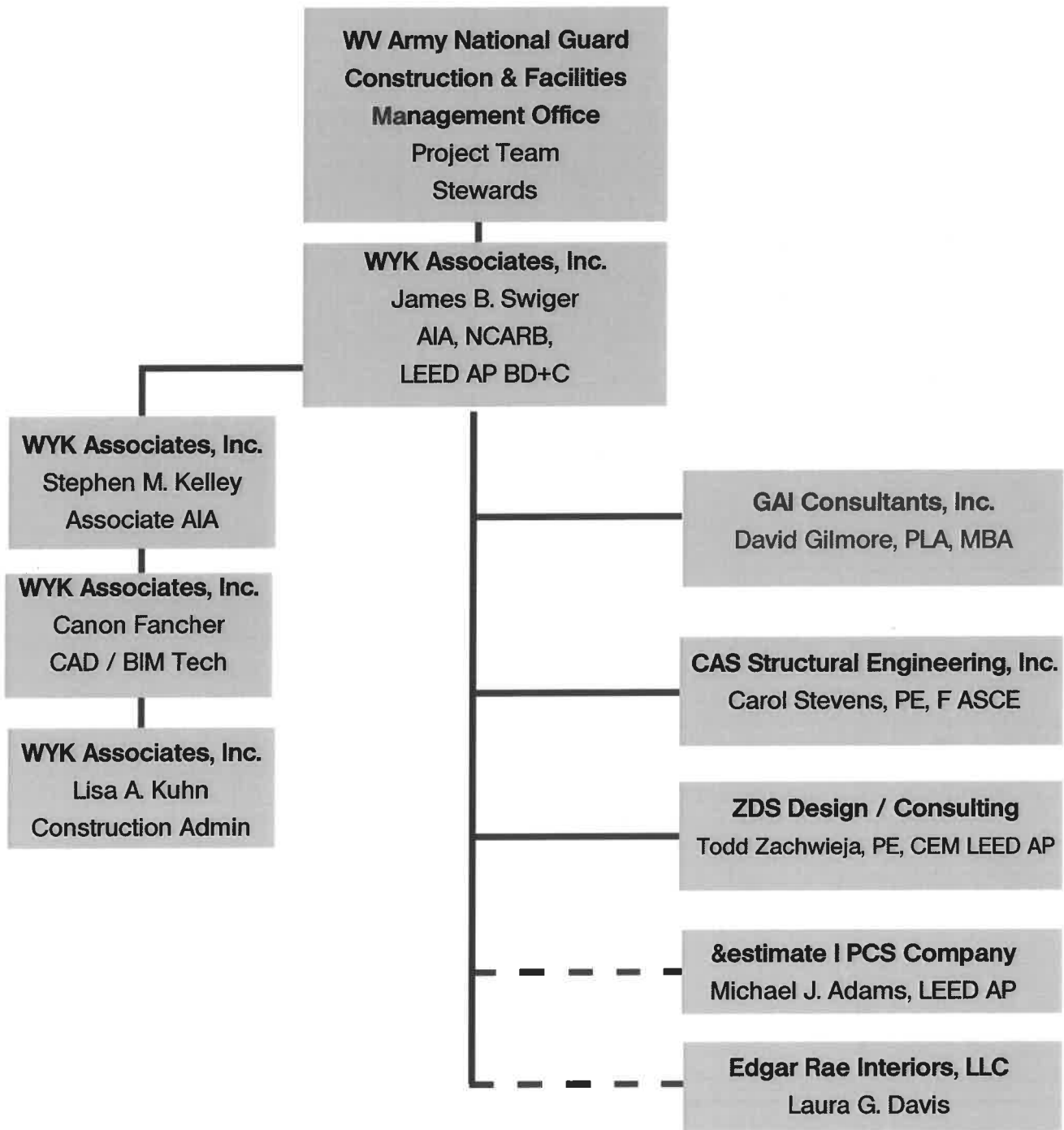
**Buckhannon Readiness Center  
Phase II Design**

**PROJECT TEAM**





**Development Team Organizational Structure**





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Buckhannon Readiness Center  
Phase II Design**

**PROJECTS**



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## West Virginia Army National Guard Fixed Wing Training Site

North Central West Virginia Airport, Bridgeport, West Virginia



### A state of the art training facility

With Sponsorship from Senator Robert C. Byrd, the West Virginia National Guard established the state of the art personnel training facility totaling \$6.4 million in construction costs in 1996. Here students and instructor pilots from the fifty states and Guam train and certify on three different types of transport aircraft.

A wide hangar and an innovative hangar door system allow quick access to any one of five airplanes without disturbing other aircraft. Each aircraft has a dedicated manufacturer's support and maintenance team with their own work space. The two story masonry annex accommodates administration staff, instructor pilots, and instruction/simulator rooms.

The hangar proper is a steel frame structure with a clear span of the entire 210 foot hangar width. A prefinished insulated metal wall system with translucent thermal panels provides glare-free natural light with little or no maintenance. This was a part of the project's energy cost containment plan. This project also features 30' Tall Vertical Lift Doors.



#### Project Facts

Size: 37,000 sq ft

Completed: 1996

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## West Virginia Air Center Bridgeport, West Virginia

Government > North Central WV Airport > Air Center

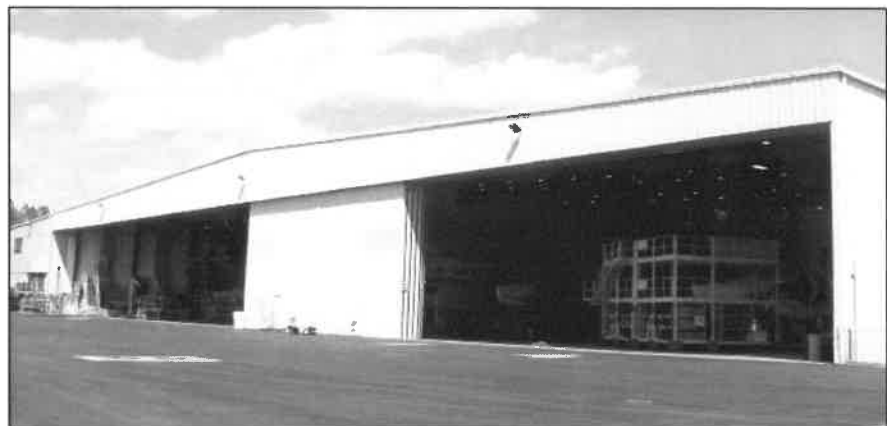
### Fast-track, Aircraft

#### Aircraft maintenance and retrofit service.

The building designed for the West Virginia Air Center is now occupied by Bombardier Services America Corp. The facility houses a complete aircraft maintenance facility which services mid-sized airplanes for both private airlines and the military. The building features four large aircraft maintenance bays which can accommodate up to a dozen aircraft for all types of maintenance and retrofit services.

The center has shops to support all phases of aircraft maintenance including interior finishes, composite materials, avionics and electronics and machine tooling. One bay is specifically designed for the removal and application of paint, and the building has state of the art fire protection and hazardous material collection systems. The modern office and support facilities offer unique views of the maintenance bays, and afford all employees an opportunity to observe the extensive and detailed work as the airplanes are torn down and rebuilt.

The project was completed in just over 14 months using a fast track construction management approach. The construction manager, all contractors, the owners representatives and the design team worked very closely to assure that all project milestones were met.



#### Project Facts

Size: 146,000 sq ft

Completed: 2004

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Laurel Lanes Police Substation

Clarksburg, West Virginia

### Facility Renovation



The project scope was to renovate and revitalize the interior of an existing apartment building at Laurel Lanes into a more functional police substation. The City of Clarksburg and the Clarksburg-Harrison County Housing Authority's goal was to increase police patrols in the area and to provide a police presence and space for police to work from.

The entire interior of the two-story apartment was renovated into a police substation with a conference room and break room on the ground floor with three offices, a toilet room and mechanical room on the second floor. The existing ground floor was removed and replaced with a new slab-on-grade concrete system.

Each room was outfitted with new casework, walls, ceiling and floor finishes, new HVAC system, new plumbing and fixtures, and new electrical wiring and fixtures. These new additions complementary to the layout and functions of the space and provides a great atmosphere for police officers to get their work done.



#### Project Facts

Size: 1,160 sq ft

Completed: 2016

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Davis Memorial Hospital Addition

Elkins, West Virginia

### Local hospital receives new addition!

**New hospital expansion for exam space!**

Davis Health System has added onto their campus with a two- and three-story Outpatient Service area in addition to a new Physician's Office Building.

The addition, directly connected to Davis Memorial Hospital's existing corridors, is designed to create minimal disturbance, penetrating at the facility's two existing corridor locations, joining the present corridors with the new.

The addition consists of exam rooms, administrative offices, reception and waiting areas, and outpatient surgical recovery rooms.

The facade features brick with a glass storefront to blend in with the historic fabric of the town, while also providing a modern look.

Other work included approximately 10,000 SF of renovations to the existing hospital at the connection points, and most noteworthy, the renovation of a new phlebotomy lab on the ground floor.



#### Project Facts

Size: 80,000 sq ft (New)

Size: 10,000 sq ft (Renovation)

Completed: 2014

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Bridgeport Public Safety Substation

Bridgeport, West Virginia

Government > Bridgeport Public Safety > Public Safety Substation



### A Focus on Safety

Public Safety Substation doubles as an emergency shelter.

This facility is located directly adjacent to the new United Hospital Center at Jerry Dove Drive and strategically situated within a ½ mile radius of I-79 and the White Oaks and Charles Pointe Developments.

The building is a substation for the Fire and Police Departments of the City of Bridgeport. The structure is a combination of load bearing masonry and structural steel frame with a decorative brick veneer. The Apparatus Bay and supporting facilities are one story, slab-on-grade with an abundance of natural daylight.

The radiant gas heating, vehicle exhaust and high efficient lighting systems are integrated nicely into the exposed roof structure above. The administrative offices along with each of the department's support facilities are in a connected, two story masonry and steel frame structure.

This facility was designed as a 75-100 year structure to serve the needs of this ever growing area region. The building's power is completely backed up by an emergency generator which will allow it to double as an emergency shelter in times of need.



#### Project Facts

Size: 15,000 sq ft

Completed: October 2009

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Robinson Grand Performing Arts Center Restoration / Renovation

Clarksburg, West Virginia

### Historic property brought back to life!

#### Local theatre to revive downtown

The Robinson Grand Performing Arts Center is comprised of several different layers of classifications, including restoration, rehabilitation, renovations and additions. The 45,000 S.F. project included the restoring of the building's exterior masonry, updating the performance hall to seat over 1,000 guests, adding all new HVAC, finishes, electrical, sound, stage rigging, plumbing, complete roof replacement, concessions, restrooms, stage curtains, lighting, sound systems, dressing rooms, LED lighting, a barrel vaulted ballroom, a multi-purpose educational center, caterer's and preparation kitchens, circular bar, two new elevators, a loading dock and state-of-the-art marquee as well as structural enhancements throughout the building.

The City of Clarksburg purchased the building in April of 2014 and hired WYK in June of 2014 to begin the conceptual design process. WYK worked closely with the WV State Historic Preservation Office and the Owner's tax credit Consultants from the very beginning stages of design. A large portion of this project focused on conducting an ADA / building code assessment and designing the proper solutions. These included: ADA compliant restrooms, a new elevator, and the creation of new accessible routes throughout the center, which has 15 different levels.

The project was ultimately awarded \$6.5 million in state and federal historic and new market tax credits. Other awards the Robinson Grand received include the 2018 Excellence in Construction Award from the Associated Builders and Contractors, Inc. West Virginia Chapter. The project was completed in October of 2018.







# Robinson Grand Performing Arts Center Restoration / Renovation

Clarksburg, West Virginia

**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING



Original Lobby



New Lobby

### Project Facts

Original Bldg: 1913

Theatre Fire: May 1939

Rebuilt: December 1939

Closed: 2000

Bought by City: 2014

Renovation Completed: 2018

45,000 Square Feet

### Project Partners

[www.wykarhitects.com](http://www.wykarhitects.com)

[www.aurora-llc.com/](http://www.aurora-llc.com/)

[www.studioilighting.com](http://www.studioilighting.com)

[www.casstruceng.com](http://www.casstruceng.com)

[www.wrldesign.com](http://www.wrldesign.com)

[www.zdsdesign.com](http://www.zdsdesign.com)

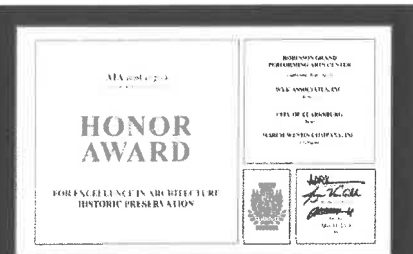
[www.pcscmservices.com](http://www.pcscmservices.com)



Original Second Floor Lobby



New Second Floor Lobby and Bar



Winner of Two AIA WV 2019  
Design Awards



Original Ballroom



New Ballroom



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Frank & Jane Gabor WV Folklife Center

Fairmont State University, Fairmont, West Virginia

Education > Fairmont State University > Frank & Jane Gabor Folklife Center

### The Folklife Center - A Success Story

#### Living history carefully updated

Originally a barn, this historic building is at Fairmont State University's new main campus entrance. This charming stone building has previously been used as apartments and storage.

It is now the home of Fairmont State University's West Virginia Folklife Program and also serves the school as a Visitor's Center.

By removing the third floor and gutting the second floor plan, WYK designed a two story day lit gallery space on the existing second floor. Remedial structural repairs were needed to brace the existing roof structure once the third floor was removed.

The first floor houses offices, classrooms and informal gathering spaces. An elevator, replacement of 72 windows, doors, natural and specialized lighting, sprinkler system and HVAC systems have all been integrated into this structure.

By marrying the historic character of the building with upscale contemporary features and educational elements, the Folklife Center welcomes alumni, students, faculty and the general public to share many public functions.



The façade of the Folklife Center invites visitors and historians alike



The day lit gallery space is the center piece of this unique adaptive re-use project



Updated windows and doors invite the sunlight into the building

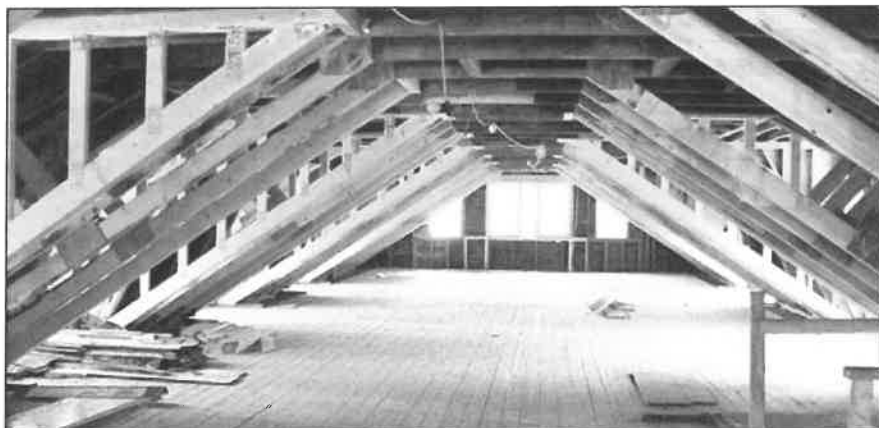


**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

# Frank & Jane Gabor WV Folklife Center

Fairmont State University, Fairmont, West Virginia

Education > Fairmont State University > Frank & Jane Gabor Folklife Center



Structural update in progress

## Project Facts

Phase I: Completed 2009

Phase II: Completed 2010

Phase III: Completed 2011

## Project Links

[www.wykarchitects.com](http://www.wykarchitects.com)

[www.fairmontstate.edu](http://www.fairmontstate.edu)

[www.pierpont.edu/folklife/](http://www.pierpont.edu/folklife/)



AIA West Virginia

This project won two awards - the **2013 Merit Award for Achievement in Architecture Design** in the categories **Interior** and **Exterior**.

We are thankful of the recognition and like to acknowledge the team effort leading to the project's success.



The Colonial Apartments



The Frank and Jane Gabor  
West Virginia Folklife Center

1201 Locust Avenue  
Fairmont, WV 26554

(304) 367-4403

[wfolklife@fairmontstate.edu](mailto:wfolklife@fairmontstate.edu)  
[wfolklife@pierpont.edu](mailto:wfolklife@pierpont.edu)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## FAA Sector Field Office & Storage Building

Bridgeport, West Virginia

Government > North Central WV Airport > Office & Storage Building

### Now serving: NCWV Airport

#### Office and storage buildings

##### Field Office

This facility, built along the access road to the airport terminal, houses the Airfield Services Support Staff to the FAA. These technicians provide support for the airport safety and navigation systems for the entire state of West Virginia.

The building houses not only office spaces, but shops for repair and assembly of components and a garage area for storage of equipment and maintenance of vehicles.

##### Storage Building

This pre-engineered building provides garage space for the airport's snow removal and runway support equipment.

The building includes minimal office space for record keeping and is designed to accommodate storage of salt, sand and cinders to keep both the runways and the roads open during winter weather conditions.



#### Project Facts

Size: 6,000 & 4,000 sq ft

Completed: 2004

[www.wykarchitects.com](http://www.wykarchitects.com)





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## World Vision Addition

Philippi, West Virginia

Community > Non-profit > World Vision Addition



### Building materials for the community

Construction Materials for all.

WYK Associates, Inc designed the addition and renovations for the Appalachian Storehouse of World Vision. This ministry receives, stores and distributes a wide variety of building materials at little or no cost to allow families in need to improve and weatherize their homes. Housed in a former dressmaking shop, the facility needed additional space and upgrades to the existing building.



The design reoriented the flow of materials through the facility by adding a 3,000 S.F. loading dock/staging area on the east end of the existing building, and approximately 15,000 S.F. of new warehouse space on the west end. The entire facility received new fire alarm and sprinkler systems, and additional and upgraded office and administrative spaces. Lighting upgrades were also performed in the existing warehouse space for to create a much better work environment as well as save on energy costs.



The finished building more than doubles the storage capacity of the operation, and eliminates long standing traffic conflicts between delivery trucks at the loading docks and client vehicles.

#### Project Facts

Size: 15,000 sq ft warehouse

Size: 3,000 sq ft loading dock

Completed: 2009

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Webster County EDA Building

Cowen, West Virginia

### Not your typical steel building...

#### Flexible spaces for lease!

This structure was built to bring in businesses to rural West Virginia, located in Cowen. It is a pre-engineered steel building with a masonry and metal façade. The design allows the building to be divided into three separate tenant spaces or "pods". Its design also had the foresight to be flexible enough to be used by a single tenant. The "pods" range in size from 2,500 S.F., 6,000 S.F. and 12,000 S.F.

A local doctor has leased the smallest segment of the building and has opened up a new health clinic of which the build-out was also designed by WYK. This facility is located on the same campus as the I.M.C. The glass entry element reflects the same detail from the I.M.C. building which contributes to the feeling of an overall campus.

The building is situated so that it is surrounded by parking to easy access to each "pod" and minimized common space in order to maximize the leasable area of the building.

The roof gables are turned 90 degrees to each other to break up the large mass of the building within its rural setting. It appears to be three separate buildings from a distance in lieu of a large warehouse "big box" metal building.



#### Project Facts

Size: 21,100 s.f.

Completed: 2005

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Stockmeier Urethanes Addition

Clarksburg, West Virginia

Commercial > Stockmeier Urethanes



### Functional addition

**Spacious expansion to an international company.**

This is the third facility for this international manufacturer of industrial grade polyurethane. Headquartered in Germany, Stockmeier will now have the flexibility to reach markets in North and South America and to deal in both Euros and dollars.

By acquiring/renovating this existing pre-engineered shell building with its large developed site (another project completed by WYK Associates in the late 1990's) Stockmeier Urethanes has created contemporary offices and their first American production center.

They use specialized laboratories, production areas, storage spaces, and loading/transportation staging areas to comply with government oversight and regulations. The existing facility was expanded to include an enlarged loading dock with canopy, a new maintenance storage area, and a specialized storage tank facility.

WYK most recently completed a design to expand this facility. This added 7,800 S.F. of warehouse space as well as an additional loading dock with a shipping/receiving area.



#### Project Facts

Size: 32,500 sq ft

Completed: 1998, 2009, 2012

[www.wykarchitects.com](http://www.wykarchitects.com)



SKB Architecture & Design



WYK ASSOCIATES, INC.  
ARCHITECTURE • PLANNING

# Steptoe & Johnson Headquarters

Bridgeport, West Virginia

Commercial > Steptoe & Johnson PLLC > Headquarters Building

## A Next Generation Success Story

### Prime location with a View

The law firm of Steptoe & Johnson PLLC retained SKB to design a new build-to-suit headquarters building for their home office in West Virginia.

As the local associated architectural firm, WYK communicated the design to the team of contractors and was instrumental in the project's success.

The move from downtown Clarksburg to a new office park in Bridgeport was spurred by a new FBI evidence complex and regional hospital center. Serving as a symbol of West Virginia's economic growth, the new building sits picturesque on a hill with commanding views of the region.

The offices are intended to respect the company's tradition as a stalwart in the region and ushers in their next generation. The building includes offices for 70 attorneys; a conference center; a data center serving all of Steptoe & Johnson's offices in West Virginia, Ohio and Kentucky; a library and the associated support spaces.

The architects have been able to streamline the design process and minimize the construction costs while maintaining a high quality building inside and out that befits a law firm of this stature.



The headquarters overlook the I-79 tech corridor



The Modern Façade



Hallway Interior



Meeting Spaces

### Project Facts

Completion Date: 2010

Size: 80,000 sq ft

[www.step toe-johnson.com](http://www.step toe-johnson.com)





## Northpointe Business & Industrial Park Shell Building Bruceton Mills, West Virginia

**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING



### Multi-Use Shell Space

#### Growth and Convenience

This highly visible shell building was a project of the Preston County Economic Development Authority through West Virginia's EDA Shell Building Loan Program.

It is located at the Hazelton Exit of Interstate 68. This location in the Northpointe Business and Industrial Park is convenient to the intersections of I-79 and I-68, and within 500 miles of the major population centers of the northeastern United States.

This building is currently occupied by Puris, LLC, a 3D metal printing fabricator. With a 22' eave height, the building is adaptable for many uses. The office portion is masonry clad with two colors of CMU. All utilities are available within the Northpointe Business and Industrial Park.



#### Project Facts

High Bay: 47,250 s.f.

Office Space: 5,000 s.f.

Total: 52,250 s.f.

Completed: 2002

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

# Information Manufacturing Corporation

Cowen, West Virginia

Commercial > IMC

## Hi-tech expression

**Sustainable design focusing on office operations.**

With Sponsorship from Senator Robert C. Byrd, the Webster County Development Authority commissioned this "state of the art" facility to house Information Manufacturing Corporation's regional operations. This company transforms data into business intelligence and manages electronic data for government agencies.

The facility embraces a "hi-tech" image through expressions of form and materials. Extensive use and thoughtful composition of architectural metal panels, large glazed panels, and geometric proportioning of the brick masonry are integral to the building's character. The concept of manufacturing information guided the functional interpretation of the building's interior. Demands of the company's activities dictated large, ultra-flexible spaces defining the majority of the form. The building combines this square footage with smaller spaces for offices, secure storage spaces and conference areas.

Much consideration was given to employing user-friendly materials and creating environments whose focus was on the comfort of the users. Strategies range from indirect lighting in data processing areas, to creating exterior views from virtually every workstation.

The important notion of sustainability is addressed through use of recycled steel, regional materials, and an innovative geothermal heat pump heating and cooling system.



### Project Facts

Size: 18,000 sq ft

Completed: 2006

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Total Dental

Bridgeport, West Virginia



### An “AHH” inspiring building!

Open up and say “AHH”!

WYK Associates provided architectural services for Dr. Jeffrey Browning in designing this new 9,800 square foot facility. Designed primarily for Total Dental, this building provides additional build-out spaces for future clients.

WYK designed the second floor of the building to the dental office with eight operatory rooms for dental services, a large waiting room, two doctor's offices, and a breakroom/kitchen space with access to an outdoor balcony.

The first floor of the facility is partially occupied by Subway and another doctor's suite. WYK provided access for a drive-thru area, making the restaurant capable of accepting drive-thru orders!



#### Project Facts

Size: 9,800 sq ft

Completed: 2014

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

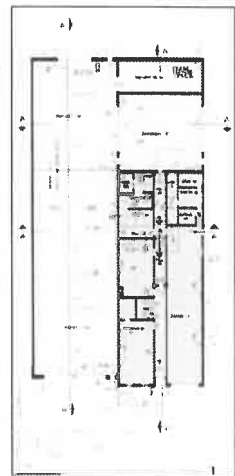
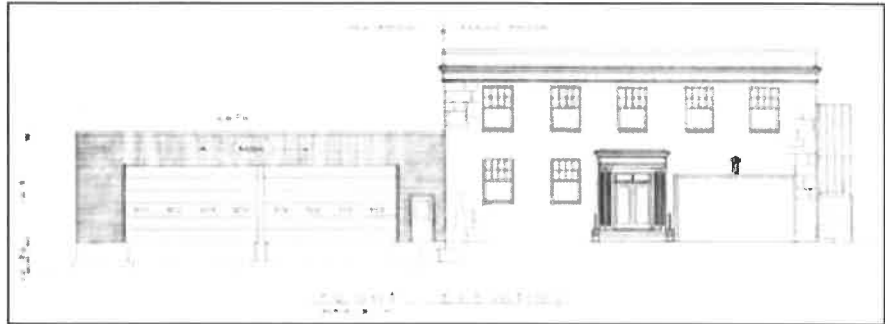
## Elkins Fire Station - Apparatus Bay Addition

Elkins, West Virginia

### Addition to Firestation

The addition to Elkins Fire Station includes two apparatus bays and a wash bay. Additional support spaces wrapped behind the existing early 20th century two story masonry structure incorporating equipment and maintenance rooms for the fire and rescue equipment. This one story masonry addition approximately increased the existing fire department's main floor area by 250%.

The apparatus bay's height was designed tall enough for fire and rescue equipment but yet kept low enough to compliment and not to overpower the scale of the neighboring two story house.



#### Project Facts

Size: 8,450 sq ft

Completed: 2004

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

# Preston County Courthouse Renovation

Kingwood, West Virginia



## Located in: Historic District

### Addition to a National Register property

The Preston County Commission hired WYK Associates, Inc. to restore the exterior sandstone façade of this Pre-World War II Structure. WYK did extensive research and found the location of the original stone, quarried from Ohio. Given the nature of sandstone, which is very soft and porous, much of the stones around the top had deteriorated due to the failed stone parapet allowing water penetration into the stone.

WYK was involved with this project from beginning to final completion and beyond. All of the parapet stones were replaced as well as 2/3 of the upper stone façade with new stone from the original quarry. The new stone was a very close match to the original. The parapet stones were set with stainless steel pins over a waterproof flashing system. The head joints of the parapet were caulked in lieu of mortar to ensure its performance through the expansion and contraction of the extreme weather conditions prevalent in Preston County.

The building once cleaned and repointed was coated with a breathable water repellent coating which allows moisture to escape the stone but prevents it from entering, thus reducing the freeze/thaw cycle, which is very detrimental to stone, especially sandstone.



#### Project Facts

Size: 8,000 S.F.

Completed: 2004

[www.wykarchitects.com](http://www.wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Christie-Cutlip Office Complex

Charles Pointe, Harrison County, WV

Commercial > Comvest Limited Inc. > Christie-Cutlip Office Complex



### A 21st century office complex design

**Easily accessible from major  
highways!**

This office complex is located in the new prestigious Charles Pointe Development directly off the I-79 Technology Corridor.

Their location is highly visible from the Harrison-Marion Airport and the I-279 connector to the airport. The client wanted a distinguished and comfortable modern design that incorporates historic/traditional architectural features.

The welcoming arched entry of the structure is flanked by a distinguished soaring clock tower to give the building presence within its surroundings. The brick incorporates intricately detailed ribbon bands which reflect a common building practice of yesteryear.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

# Christie-Cutlip Office Complex

Charles Pointe, Harrison County, WV

Commercial > Comvest Limited Inc. > Christie-Cutlip Office Complex

### Project Facts

Phase One Completed: 2007

First Floor Build-Out: 2008

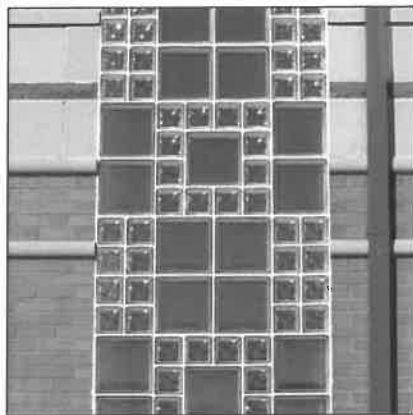
Size: 12,000 sq ft

Dark tinted aluminum storefront windows provide views to the majestic surrounding hills and the arriving and departing aircraft.

These energy efficient windows provide contrast to the brick textures while reducing heat gain and glare within the offices. The large overhangs provide protection to the façade from the elements as well as reduce direct heat gain in summer months.



Floor plan, second floor

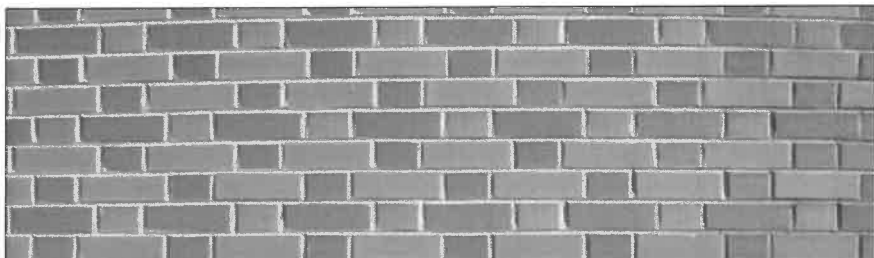


### Project Links

[www.wykarchitects.com](http://www.wykarchitects.com)

[www.beldenbrick.com](http://www.beldenbrick.com)

[www.marchwestin.com](http://www.marchwestin.com)





**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

## Bridgeport Public Safety Substation

Bridgeport, West Virginia

Government > Bridgeport Public Safety > Public Safety Substation

### A Focus on Safety

**Public Safety Substation doubles as an emergency shelter.**

This facility is located directly adjacent to the new United Hospital Center at Jerry Dove Drive and strategically situated within a ½ mile radius of I-79 and the White Oaks and Charles Pointe Developments.

The building is a substation for the Fire and Police Departments of the City of Bridgeport. The structure is a combination of load bearing masonry and structural steel frame with a decorative brick veneer. The Apparatus Bay and supporting facilities are one story, slab-on-grade with an abundance of natural daylight.

The radiant gas heating, vehicle exhaust and high efficient lighting systems are integrated nicely into the exposed roof structure above. The administrative offices along with each of the department's support facilities are in a connected, two story masonry and steel frame structure.

This facility was designed as a 75-100 year structure to serve the needs of this ever growing area region. The building's power is completely backed up by an emergency generator which will allow it to double as an emergency shelter in times of need.



#### Project Facts

Size: 15,000 sq ft

Completed: October 2009

[www.wykarhitects.com](http://www.wykarhitects.com)





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Buckhannon Readiness Center  
Phase II Design**

**RESUMES**



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Team Profiles

James Swiger

www.wykarhitects.com > About WYK > Team



**James B. Swiger**  
**AIA, NCARB,**  
**LEED AP BD+C**

**President/Principal-In-Charge**

WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

304-624-6326

304-677-3373 Cell

304-623-9858 Fax

www.wykarhitects.com

james@wykarhitects.com

### Memberships

WV AIA Board of Directors  
2007 - 2009



He is a Harrison County native involved with several community and professional organizations.

James has gained broad experience in both the private and public sectors of the construction / design industry. His completed work reflects a variety of projects with values ranging from thousands of dollars to over \$22 million.

### EDUCATION

5-Year Bachelor of Architecture, 1996  
University of Tennessee, Knoxville, TN  
NAAB Accredited University

### ARCHITECTURAL REGISTRATION

West Virginia [REDACTED]  
Ohio [REDACTED]  
Pennsylvania [REDACTED]  
Virginia [REDACTED]  
Maryland [REDACTED]  
National Council of Architects [REDACTED]

### HONORS AND AWARDS

2019 "Sharp Shooter" WV Executive Magazine

2019 AIA-WV Honor Award for Excellence in Architecture - Historic Preservation / AIA-WV Craftsmanship Award for Excellence in Architectural Detail and Craftsmanship; Robinson Grand PAC, Clarksburg, WV

2015 Clarksburg Uptown Business Member of the Year

2015 Campaign Chair - United Way of Harrison County, Inc.

2015 Harrison County Chamber of Commerce Education Committee Chair

2015 "Young Gun" WV Executive Magazine

2013 AIA-WV Merit Award for Achievement in Architecture Design - Unbuilt: Shinnston Community Center, Shinnston, WV

2013 AIA-WV Merit Award for Achievement in Architecture Design; Fairmont State University- Frank and Jane Gabor Folklife Center, Fairmont, WV - Interior and Exterior

Energy Star Certification, Elkins Middle School, Elkins, WV

2010-11 Cambridge Who's Who Member

2009 West Virginia Kiwanis District Governor's Award for "Promoting Membership Growth"

2008 Volunteer of the Year - Harrison County Chamber of Commerce

2008 Selected "Generation Next: 40 Under 40" by the West Virginia State Journal

2008 Strathmore's Who's Who Worldwide Recipient

2008 AIA-WV Merit Award for Achievement in Architecture; West Pike Street Parking Facility, Clarksburg, WV (Co-Design Architect)

### PROFESSIONAL AFFILIATIONS

American Institute of Architects

AIA - West Virginia

National Council of Architectural Registration Boards

Accredited Professional  
U.S. Green Building Council  
Building Design + Construction

USGBC-WV Chapter

League of Historic American Theatres

National Trust for Historic Preservation

NFPA – National Fire Protection Agency

WVSHE – Associate Member of West Virginia Society for Healthcare Engineering

Affiliate Member of Builders Supply Association of West Virginia

### CIVIC AFFILIATIONS

Health Access, Inc. - Board of Directors

Bi-County Nutrition, Inc. - Board Member

Clarksburg Uptown - President / Board of Directors

Bi-County Nutrition, Inc. - Board Member

Salem University - Advisory Committee to the School of Business

Central WV Corvette Club Member

Harrison County Chamber of Commerce – Board of Directors (2013-15)

United Way of Harrison County, Inc.; Board of Directors (2009-2016) - Executive Committee "Stonewall Leadership Contributor"; 2015 Campaign Chair

Kiwanis Club of Clarksburg 2008/2009 President

Kiwanis Division 3  
2009/2010 Lieutenant Governor

Kiwanis Club of Clarksburg 2018 - Present Volunteer and Service Committee Chair

Salem Area Chamber of Commerce - Past Board Member

West Virginia Kiwanis District – District 3 – Past Lieutenant Governor

Harrison County Chamber of Commerce – Past Education Committee Chair

Salem Elementary School Nature/Fitness Trail – Project Manager



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Team Profiles

Stephen Kelley



### **Stephen M. Kelley** **Associate AIA**

**Senior Project Manager**

WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

304-624-6326

304-623-9858 Fax

[www.wykarchitects.com](http://www.wykarchitects.com)

[stephen@wykarchitects.com](mailto:stephen@wykarchitects.com)

### **Associated Memberships**



While in college, Stephen worked two years for a construction company that focused mainly on roofing and masonry work of historic homes and buildings in the Philadelphia area. After graduation he took that experience and applied it to several projects at another local architecture firm, all the while completing his profession's required Intern Development Program. He served as Senior Project Manager for the award winning Robinson Grand Performing Arts Center and numerous healthcare projects for UHC and WVU Medicine. Stephen's 20 years of experience has ranged from small house additions to multi-million dollar complex construction projects.

Stephen has gained broad experience in both the private and public sectors of the construction/design industry. He has been either the Project Designer or Project Manager in a range of projects totaling over \$22 million in value.

### **Education**

5-Year Bachelor of Architecture, 2000  
Philadelphia University  
NAAB Accredited University

### **Professional Affiliations**

Associate Member, American Institute of Architects (AIA), National Chapter

Associate Member, American Institute of Architects (AIA), West Virginia Chapter

### **Civic Affiliations**

Salem Area Chamber of Commerce -  
Past Board Member

Harrison County Development Authority - Past Board Member

Fort New Salem Foundation -  
Current Board Member

Sperry-Davis VFW Post 9151  
Quartermaster 2008 - Present

Dept. of WV - District 3  
Quartermaster (2015/2016)

Sigma Mu Fraternity Alumni,  
Mu Pi Chapter

United Way of Harrison County, Inc.,  
Stonewall Leadership Contributor



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Team Profiles

Canon Fancher

[www.wykarchitects.com](http://www.wykarchitects.com) > About WYK > Team



**Canon T. Fancher**  
**Associate AIA**  
**LEED Green Associate**  
Designer / BIM Coordinator

WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

304-624-6326

304-623-9858 Fax

[www.wykarchitects.com](http://www.wykarchitects.com)

[canon@wykarchitects.com](mailto:canon@wykarchitects.com)

### Associate Memberships



### Vita

Canon began his career at WYK Associates, Inc. in 2016. His background includes a Bachelor's of Science in Architecture with a minor in general business from Fairmont State University. He is currently pursuing a Masters in Architecture from Fairmont State, and is equipped to aid in all areas of a project, from design through completion, including client relations, schematic design, project visualization, design development, construction documents and specifications, bidding phases and construction administration.

Having grown up in Fairmont, WV, Canon understands the needs and desires of small communities, and has a desire to infuse modern, contextually sensitive, and sustainable designs into the projects he takes on. Knowing the importance of communication and coordination throughout a project, Canon always aims to develop positive client and consultant relationships in order to create a cohesive project environment. In all phases of a project, whether it be conceptual and schematic design, inquiries and exploration of design possibilities, conceptual visualization, drafting and Building Information Modeling utilization, 3D modeling, creation of specifications, construction administration or project support for other staff, Canon will work to create a high standard of production quality.

### Education

Bachelor of Science  
in Architecture with a  
Minor in General Business, 2016  
Fairmont State University

Masters of Architecture  
(2017 - Present)  
Fairmont State University

### Professional Affiliations

American Institute of Architects (AIA), National Chapter, Associate Member

American Institute of Architects (AIA), West Virginia Chapter, Associate Member

National Council of Architectural Registration Boards (NCARB)

USGBC - LEED Green Associate

### Volunteer Experience & Affiliations

United Way "Day of Action" - Annual Volunteer



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Buckhannon Readiness Center  
Phase II Design**

**CONSULTANTS**



**gai consultants**





**gai consultants**

**GAI Consultants, Inc.**

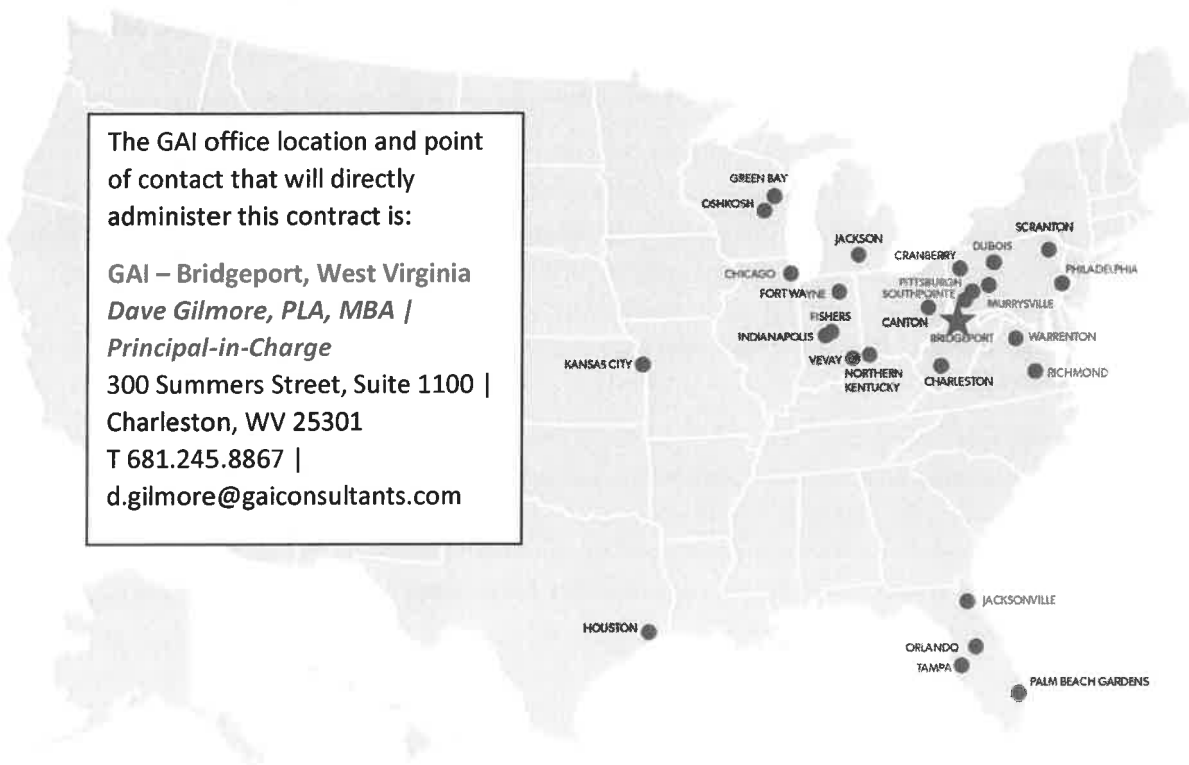
Charleston, WV



## FIRM OVERVIEW

### Streamlining Solutions

GAI is an engineering and environmental consulting firm with more than 60 years of experience delivering innovative engineering solutions. Transforming ideas into reality since 1958, we currently serve our clients from 27 office locations throughout the Eastern, Midwestern, and Southern United States. Through engineering expertise, and broad, deep knowledge of regulatory processes, we offer solutions that make a real difference to our clients.



With an award-winning and respected professional reputation in multiple engineering, environmental, and technical practice areas, GAI distinguishes itself by our solid reputation of providing excellent customer service along with innovative yet practical solutions.

Our work in the following disciplines provides innovative and cost-saving solutions for clients in municipal, as well as energy, transportation, water, government, real estate, and industry.

### **Our Clients**

Our clients are highly respected global energy and manufacturing firms, transportation agencies, and national developers—as well as local communities and state and federal government. They challenge us with projects that demand skilled technical expertise and sustainable results.

### **Our Communities**

Our numerous offices are organized to mobilize staff and services seamlessly. They foster a unique blend of professional consulting disciplines, dedicated engineering and environmental specialists, and local experts. We work, live, and give charitably to the communities we serve.

## **AVIATION**

### **Streamlining Solutions**

Airports nationwide face a capital development need of over \$75.7 billion for the next four years, while the proposed FAA funding for the same period is projected to be less than a quarter of that amount. Vital to transporting people and cargo around the world, airports face the complex challenge of maintaining safe, reliable, facilities while enduring some of the most challenging economic and funding conditions in decades.

GAI strives to provide sustainable, economical solutions to maximize our clients' infrastructure investment. We employ aviation professionals who are accomplished in design, transportation planning, environmental studies, and construction phase services for airports. Our aviation professionals understand the importance of building strong relationships with our clients through honest communication, concise plans and reports, commitment to the project from start to finish, and providing outstanding service throughout.

### **Aviation Services**

#### ***Planning***

- Aviation planning
- Conceptual site planning
- Financial/economic planning
- Capital improvement plans



### ***Design Engineering***

- Airfield engineering
- Pavement design
- Airfield lighting, signage, and marking plans
- Stormwater design and permitting
- Civil/site design
- Security fence and access control plans
- Roadway and parking lot design
- Aircraft hangar design
- Terminal building design
- Maintenance and equipment storage building design
- Structural design
- Surveying
- Grant administration
- Building services

### ***Construction Services***

- Construction administration
- Resident engineering
- Construction inspection
- Grant closeout

### **CIVIL/SITE**

Land development is an integration of site planning, civil engineering, and stormwater management—and GAI has engineers, planners, and environmental professionals dedicated to developing sites. Our project managers have 10 to 30+ years of experience in managing small to complex residential, commercial, industrial, institutional, and brownfield development projects.

Development projects embody unique site layout, grading, roadway, and utility design characteristics; and every region has topography, property constraints, and infrastructure design challenges. This is why land development requires seasoned project managers skilled in determining the best use of a site—through planning, design, permitting, and construction.

GAI's design process starts with client meetings. We listen to our clients' needs and aspirations, and discuss their envisioned master plan. We then analyze governing municipalities at all levels, and review ordinances for allowable use, site development requirements, and stormwater management ordinances to gain a solid understanding of the site specifics.

GAI evaluates existing site conditions, including topography, natural resources, wetlands and streams, drainage patterns, and existing or nearby utility and roadway infrastructure. We understand the importance of the early planning, so the site layout is in continuity with existing conditions and meets the intended use of the client.

GAI's land development professionals are skilled in effectively utilizing existing conditions as much as possible to be cost effective, yet remaining compliant with current regulations, and ultimately achieving the client's goals for the project.

GAI designs sites that meet the Leadership in Energy and Environmental Design (LEED) Site/Civil requirements of our clients. Our site layouts maximize development potential with cost-effective features and aesthetic stormwater management design. We design rain gardens and vegetated swales to convey stormwater runoff and locate catch basins, piping systems, and ponds to maximize land use. GAI has practical stormwater management solutions that meet site topographic and natural resource challenges.

Our engineers and construction specialists are skilled in developing construction cost estimates and performing construction inspection, documentation, monitoring, and management for site projects.

GAI's award-winning professionals have the experience and vision to handle a broad range of development needs, including the design, approvals, and construction of civil site development and stormwater management projects.

#### ***Civil/Site Engineering Services***

- Land use and economic feasibility studies
- Impact fee studies and code impact assessments
- Facilities planning and design
- Site selection and permit acquisition
- Hydrologic and hydraulic (H&H) studies
- Soil-structure interaction investigations
- Foundation investigations and design
- Structural/non-structural alternative analysis
- Cultural and historic resources investigations
- Environmental assessments and species studies
- Wetland mitigation, design, and permitting
- Stormwater management and site drainage design
- Water and sewer design
- Utility assessment, rehabilitation and design
- E&S Control Plans and permitting
- Surveying, construction layout, and as-builts
- Site geometry, demolition, and grading plans
- Subdivision, roadway, lighting, and traffic design
- Traffic impact studies and MOT plans
- Landscape architecture and streetscape design
- Parks and recreation trails design

## ENVIRONMENTAL

Past industrial activities and waste management practices on commercial and industrial properties pose a risk to owners/operators. The environmental professionals at GAI are dedicated to assisting our clients evaluate and minimize these risks and liabilities. Combining extensive experience and academic training, GAI's environmental professionals evaluate potential sources of environmental impacts, risks, and liabilities through due diligence and environmental assessment. Our due diligence, site assessment and remediation professionals recommend risk based, long-term solutions that protect human health and the environment. We design and implement strategic, focused and cost-effective site investigations targeting potentially impacted soil and water-bearing zones underlying the Site while developing scientifically defensible Conceptual Site Models (CSM). Our investigations are focused on mitigating the impacts or the risk-based liabilities of the Site. We employ state-of-the-art computer models to conduct hydrogeologic analyses and fate and transport evaluations to determine migrations pathways and potential risks to receptors.

Our professionally licensed engineers and geologists have extensive experience conducting Phase I and Phase II ESAs in accordance with "All Appropriate Inquiry" and applicable ASTM standards; successful development and implementation of Sampling and Analysis Plans/Quality Assurance Project Plans in accordance with guidance provided by the USEPA; planning and conducting Site Characterizations; obtaining relief of liability under Voluntary Remediation Programs (VRP); and characterization, remediation, and Site closure in accordance with the Corrective Action Process for storage tanks.

GAI has successfully obtained relief of liability for clients under risk-based standards, eliminating the need for costly remediation. Our experience allows us to evaluate sites and determine which remedial strategies can be implemented most cost effectively or, if schedule is a priority, in the quickest time frame. GAI's Site investigation and Assessment experience encompasses waste disposal sites, underground storage tanks, transportation facilities, commercial /industrial facilities, voluntary remediation sites, and brownfields.

In addition to our Site Characterization and Remedial Investigation expertise, GAI is also experienced in the development and implementation of Cleanup Plans and Remedial Action Plans. GAI has most recently designed and implemented soil and groundwater remediation projects associated with a former storage tank site, which included the design and oversight of soil removal and disposal actions, and design of an Enhanced Fluid Recovery (EFR) extraction system. GAI also designed and implemented a groundwater extraction system at a local Power Generating facility consisting of six extraction wells. GAI performed all groundwater extraction and conveyance systems design. Other recent remedial designs include a planned soil removal action, and the design and implementation of groundwater and product recovery at a brownfield site for a local urban redevelopment organization.

At another brownfield site, GAI recently designed a removal action for Polychlorinated Biphenyls (PCB) and heavy metal contaminated demolition debris and related sludge from a former industrial facility. The removal action also included specifications for the characterization and removal, transport, and disposal of historical containerized wastes. In each case listed above, GAI prepared the remedial scope of work and specifications for inclusion in an RFP for implementation of the remedial action. GAI personnel performed oversight of the remedial actions serving as the liaison between the client and the remedial contractor. GAI scientists and engineers measured progress and effectiveness of the remediation and tracked costs against the engineer's estimates.

A premier site remediation consulting firm, GAI provides independent reviews of proposed remedial designs and actions. Our permitting, public outreach, and remediation work on brownfield and Superfund sites have earned engineering excellence awards.

***Environmental Due Diligence, Site Assessment, and Remediation:***

- Environmental Due Diligence
- Phase I ESA
- Phase II ESA
- Site Characterization/  
Remedial Investigation
- Corrective Action (Underground Storage  
Tanks)
- Fate and Transport/GW Flow Modeling
- Vapor intrusion/Stray Gas
- Rapid response
- Clean Fill Determination
- Remedial Design
- Hazardous and Industrial Waste  
Management
- Soil and Groundwater Remediation and  
Oversight
- Waste Management
- Spill and Site Cleanup
- Regulatory Agency Coordination

**PA WILDS CENTER FOR ENTREPRENEURSHIP, INC. (PA WILDS CENTER)**

**Bradford Regional Airport – Terminal Building Renovations,  
McKean County, Pennsylvania**



GAI, in partnership with KTH Architects, Inc., worked with Bradford Airport staff on this project, which is part of the airport's overall renovation and expansion. The project included upgrades to the terminal entrance, HVAC system, and public restrooms; as well as a new roof, new carpet, and furniture.

## FLAGLER EXECUTIVE AIRPORT

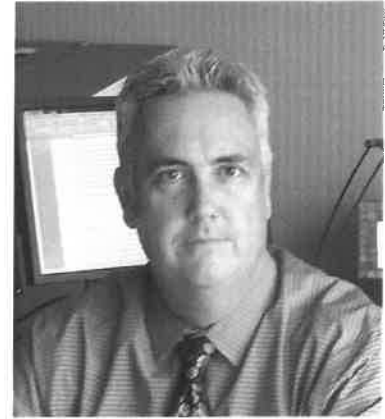
### Flagler Executive Airport – General Aviation Terminal Design and Bidding Services, Palm Coast, Florida



GAI, as a subconsultant, is providing project tracking, landscape design, drainage design, drainage permitting, utility coordination, aviation planning, and value engineering services under this contract. The project includes demolition of existing Administration Office/Fixed-Base Operator (FBO) and hangar, design and construction of a new 15,000-sf GA Terminal Building and related parking, roadway access, aviation ramp rehabilitation, and site work. The terminal will accommodate airport administrative offices, an FBO and its appurtenant facilities, public space, meeting space, and room for additional small tenants.

# DAVE GILMORE, PLA, MBA

Director, Landscape Architecture



Dave currently serves as the Director of Landscape Architecture services for GAI Consultant's Community Solutions Group. In this role, he coordinates projects and marketing activities for all of GAI's offices throughout the NE and Midwest region. In this capacity, Mr. Gilmore brings more than 27 years of experience on a diverse range of projects covering all aspects of landscape architectural design in both the public and private sector.

Throughout his career, Dave has been actively involved in a wide variety of challenging projects. His experience includes but is not limited to public outreach and programming, construction document and technical specification preparation, site analysis, schematic design, construction administration, master and land use design (campus, riverfronts, resorts, parks, recreational, residential, industrial, and commercial), streetscape and municipality improvements, landscape and hardscape design, and graphic presentation drawing.

Dave also remains active with the West Virginia University School of Landscape Architecture and has won multiple awards from the American Society of Landscape Architects for his work.

## EDUCATION

- MBA Point Park University
- BS Landscape Architecture, West Virginia University

## AFFILIATIONS

- American Society of Landscape Architects (ASLA)
- Council of Landscape Architectural Review Board (CLARB)
- West Virginia Chapter (WVASLA)
  - Past WVASLA State Licensing Board
  - Past President
  - Executive Committee Member
  - Chairman, Licensing and Sunset Review Committee
  - Judge, Senior Design Awards, West Virginia University

## AWARDS

- Haddad Riverfront Park – American Society of Landscape Architects, Award of Excellence
- National Youth Science Center Master Plan – PAAIA Honor Award
- National Youth Science Center Master Plan – American Society of Landscape Architects, Award of Merit

- Haddad Riverfront Park – WVAIA, Honor Award
- Florida Street Revitalization Master Plan – American Society of Landscape Architects, Award of Merit
- Dupont 'Hyper' Plaza – American Society of Landscape Architects, Award of Merit
- *WV Focus Magazine*, If You Build It They Will Come, July 2015
- Charleston Civic Center Design Competition, First Place
- Top of Rock Design Competition, First Place

## Highlighted Professional Experience

- **Haddad Riverfront Park, Charleston, WV.** Master planning, public participation services, design, construction and engineering solutions for the renovation of the Haddad Riverfront Park, which is a popular concert, festival and leisure site in downtown Charleston, West Virginia. Among the City of Charleston's project requirements were a retractable canopy to provide protection and visual interest, an overlook plaza and pavilion that extends Court Street to the Kanawha River, an extension of the lower wharf area, a new streetscape design along Kanawha Boulevard, and an event stage for concerts.
- **Putnam County Comprehensive Parks and Recreation Plan, WV.** Master planning services for county wide parks, recreation and open space plan for Putnam County, WV. The design team also focused on upgrading and providing additional park amenities for Valley Park, the crown jewel in the Putnam County Parks System. Enhancements include a new pool complex, community center, and sports complex that would enhance and create opportunities for park sponsored events and programs.
- **Charleston Civic Center, Charleston, WV.** Design Competition winner for a 100 million renovation to the Charleston Civic center. Design Highlights include a river trail, new streetscape and entrance features and a new riverfront park and boardwalk.
- **East End Community Park, Charleston, WV.** Masterplan and bidding documents in the East End neighborhood of Charleston, West Virginia. The location of the park has a history of industrial use and was considered a brownfield prior to development. The design team created a plan to remove the contaminated earth and cap the area with clean soil as an extra measure to ensure complete environmental

remediation of the site. Following the completion of construction, the park has evolved into a popular community asset from what was once considered spoiled land.

- **Washington County Comprehensive Parks and Recreation Plan, PA.** Master planning services for county wide parks, recreation and open space plan for Washington County, PA. To continue the parks legacy of providing environmental education and recreation opportunities for the surrounding communities, the design team focused on upgrading and providing additional park amenities that would enhance and create opportunities for park sponsored events and programs.
- **Mingo Creek County Park, Washington County, PA.** Master planning services for a 3,500 acre park master plan as part of an overall park, recreation, and open space plan for Washington County. A few of the recommendations included streamside boardwalks, a disc golf course, group campgrounds, and an amphitheater.
- **Slack Plaza Master Plan, Charleston WV.** Master planning and rehabilitation of a large urban plaza in downtown Charleston. The existing plaza had become tired and in disrepair over the years and as result became virtually underutilized by nine to five, daily office employees in the surrounding downtown area. To breathe a breath of fresh air into the plaza, the design team analyzed the factors contributing to the underutilization of the park and responded with a design that will ultimately energize and invite users into the plaza.
- **Brawley Walkway, Charleston, WV.** Renewal of a prominent linear pedestrian corridor that links two major retail districts within Charleston's downtown core.
- **Charlotte's Creek Farm Equestrian Center, Cabell County, WV.** Master planning and bidding documents for a 50 acre equestrian facility. The plan includes both a private residence and a commercial equestrian farm that will be utilized for housing and training show horses.
- **Kanawha Boulevard Walk and Bikeway Trail Master Plan, Charleston, WV.** Master planning and Bidding document preparation for a two mile bikeway project along a riverfront boulevard along the West Side neighborhood of Charleston, West Virginia. In addition to the addition of a two-way bike line, the team incorporated state-of-the-art stormwater management techniques to showcase the City of Charleston's commitment to water quality and best management practices.

#### Planning and Parks and Recreation List of Projects

- Charleston Riverfront Park, Charleston, WV
- Kanawha Boulevard Greenway and Bike Trail, Charleston, WV
- Washington County Parks Recreation and Open Space Plan, Washington, PA
- Cross Creek Park Masterplan, Washington, PA
- Charleston Riverfront Park, Charleston, WV
- Kanawha Boulevard Greenway and Bike Trail, Charleston, WV
- Washington County Parks Recreation and Open Space Plan, Washington, PA
- Cross Creek Park Masterplan, Washington, PA
- Terra Haute Gateway, Terra Haute, IN
- Putnam County Parks Recreation and Open Space Plan, Putnam County, WV
- Valley Park Masterplan, Putnam County, WV
- Lee Way Park, Charleston WV
- Slack Plaza, Charleston WV
- Charleston Gateway Design, Charleston, WV
- West Virginia State Capital Grounds Masterplan, Charleston, WV
- Stonewall Jackson State Park Master Plan, Roanoke, WV
- Horicon Preserve, Horicon, WI
- Charleston Gateway Park, Charleston, WV
- West Liberty Soccer Complex, West Liberty, WV
- Frontier Riverfront Park, Charleston, WV
- Court Street Overlook, Charleston, WV
- Huntington Dog Park, Huntington, WV
- Meadowlark Park, Fostoria, OH
- Shoenbaum Performance Stage, Charleston, WV
- Berry Hills Country Club Master Plan, Charleston, WV
- Twin Falls State Park, Twin Falls, WV
- Dow Heritage Park, Charleston, WV
- CAMC General Division Employee Park, Charleston, WV
- Dupont 'Hyper' Plaza, Belle, WV
- Ohio to Erie Trail in Multiple Counties, OH
- Coonskin Park, Charleston, WV





**CAS Structural Engineering, Inc.**  
Alum Creek, WV



## Firm Profile

**CAS Structural Engineering, Inc.** – CAS Structural Engineering, Inc. is a West Virginia Certified Disadvantaged Business Enterprise structural engineering firm located in the Charleston, West Virginia area.

Providing structural engineering design and/or analysis on a variety of projects throughout the state of West Virginia, CAS Structural Engineering has experience in excess of 30 years on the following types of building and parking structures:

- Governmental Facilities (including Institutional and Educational Facilities)
- Industrial Facilities
- Commercial Facilities

Projects range from new design and construction, additions, renovation, adaptive reuse, repairs and historic preservation (including use of The Secretary of the Interior's Standards for Rehabilitation) to evaluation studies/reports and analysis.

CAS Structural Engineering utilizes AutoCAD for drawing production and Enercalc and RISA 2D and 3D engineering software programs for design and analysis. Structural systems designed and analyzed have included reinforced concrete, masonry, precast concrete, structural steel, light gauge steel and timber.

Carol A. Stevens, PE is the firm President and will be the individual responsible for, as well as reviewing, the structural engineering design work on every project. Carol has over 30 years of experience in the building structures field, working both here in West Virginia and in the York, Pennsylvania vicinity. Carol is also certified by the Structural Engineering Certification Board for experience in the field of structural engineering.

CAS Structural Engineering, Inc. maintains a professional liability insurance policy.

PO Box 469 • Alum Creek, WV 25003-0469    PHONE: 304-756-2564    FAX: 304-756-2565    WEB: [www.casstruceng.com](http://www.casstruceng.com)

PROVIDING STRUCTURAL ENGINEERING SOLUTIONS FOR YESTERDAY, TODAY AND TOMORROW  
**COMMERCIAL, GOVERNMENTAL AND INDUSTRIAL STRUCTURAL DESIGN, ANALYSIS AND RESTORATION**  
A WEST VIRGINIA CERTIFIED DBE CONSULTANT • CERTIFIED IN THE PRACTICE OF STRUCTURAL ENGINEERING

WV   VA   NC   TN   MO   OH

# ROBINSON GRAND THEATRE RESTORATION

Clarksburg, West Virginia

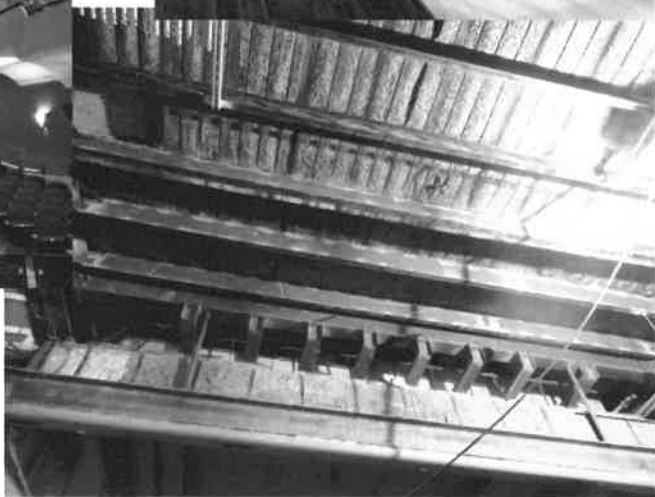


This early 1900's structure was devastated by fire and partially re-built in 1939. The front portion of the building was salvaged, and the rear of the auditorium and stagehouse were reconstructed. This structure is listed on the National Register of Historic

Additional framing and reinforcing of the existing structure was installed below the ballroom on the second floor to comply with current building codes.



The design included a large two-story addition to the side to provide dressing rooms for performers on the 1st floor and conference space on the 2nd floor. Additional structural modifications and additions were included for accessibility and egress. Construction is expected to be completed during the fall of 2018.



## TWIN FALLS STATE PARK LODGE ADDITION

Mullens, West Virginia



Performed structural design for new 28,000 SF addition to existing lodge facility. Addition includes new lobby and conference areas, sleeping rooms, indoor pool facility and all support spaces.

Construction materials consisted of timber, concrete, masonry, precast plank and structural steel.



Project Owner: West Virginia Division of Natural Resources  
Contact Person: Brad Leslie, PE  
Contact Phone: (304) 558-2764  
Professional Services End Date: December 2009  
Construction Completion Date: Winter 2010  
Construction Cost: \$7.3M



## BURNSVILLE I-79 REST AREAS

Burnsville, West Virginia



The rest areas consist of three buildings, the rest area building, the vending building and the maintenance building. Each of the buildings was constructed with a local West Virginia stone façade.

The existing rest area buildings were demolished and replaced with these new state-of-the-art facilities.



The main lobby framing consists of a tube steel beam, glulam beams and timber decking.



# GEORGE WASHINGTON HIGH SCHOOL

Charleston, West Virginia



Addition to this high school included a 3-story classroom wing, new entrance/commons area and new auxiliary gymnasium.



Construction was completed while the school was in session, including interior renovations and tie-ins to the existing facility.



Project Architect: NVisions Architects  
Project Structural Engineer: CAS Structural Engineering, Inc.

South Charleston, West Virginia  
Alum Creek, West Virginia

# JOHNSON AVE PROFESSIONAL BUILDING

Bridgeport, West Virginia



This building was designed as professional office space for several tenants. The 9,400 SF building has a complex system of wood roof trusses supported by a structural steel frame.



Project Architect: The Omni Associates—Architects  
Project Structural Engineer: CAS Structural Engineering, Inc.



Fairmont, West Virginia  
Alum Creek, West Virginia

# POCAHONTAS COUNTY WELLNESS AND COMMUNITY CENTER

Marlinton, West Virginia



The new approximately 13,000 SF Wellness Center was constructed adjacent to the existing Marlinton Elementary School. The facility includes a middle-school size gymnasium and basketball court, two multi-purpose rooms, a racquetball court, a wellness center and a warming kitchen/concession stand.



The majority of the structure consists of a pre-engineered metal building, with the entrance being constructed using conventional stick-framed construction.





## PCC 911 / OEM Center Kingwood, West Virginia



Performed structural design for new 6,200 SF building to house 911 call center and office of emergency services for Preston County, WV.

Construction materials consisted of precast concrete sandwich panels, steel joists and metal roof deck.

Project Owner: Preston County Commission  
Contact Person: Craig Jennings  
Contact Phone: (304) 329-1805  
Professional Services End Date: June 2010  
Construction Completion Date: Winter 2010



# EASTERN WEST VIRGINIA REGIONAL AIRPORT TERMINAL BUILDING

Martinsburg, West Virginia



This facility replaced an existing, undersized terminal building at the airport. The building houses normal airport terminal building functions such as rental car space, restaurant ticket counters, baggage areas and offices.

Both the air side and the public side have attractive brick and limestone exteriors, with a standing seam metal roof system.



The building structure consists of structural steel frame with metal stud infill.



# Carol A. Stevens, PE, F.ASCE

## Structural Engineer



### EDUCATION

West Virginia University, BSCE, 1984  
Chi Epsilon National Civil Engineering Honorary  
The Pennsylvania State University, ME Eng Sci, 1989

### PROFESSIONAL REGISTRATION

P.E. 1990 Pennsylvania  
P.E. 1991 West Virginia  
P.E. 1994 Maryland  
P.E. 2008 Ohio  
P.E. 2010 Kentucky  
P.E. 2013 Virginia

### BACKGROUND SUMMARY

2001 – Present President, Structural Engineer  
CAS Structural Engineering, Inc.

1999 – 2001 Structural Engineer  
Clingenpeel/McBrayer & Assoc, Inc.

1996 – 1999 Transportation Department Manager  
Structural Engineer  
Chapman Technical Group, Inc.

1995 – 1996 Structural Engineer  
Alpha Associates, Inc.

1988 – 1995 Structural Department Manager  
Structural Engineer  
NuTec Design Associates, Inc.

1982 – 1988 Engineer  
AAI Corporation, Inc.

### PROFESSIONAL ASSOCIATIONS

American Society of Civil Engineers  
National Society of Professional Engineers  
American Concrete Institute  
American Institute of Steel Construction  
West Virginia University Department of Civil and  
Environmental Engineering Advisory Committee  
West Virginia University Institute of Technology  
Department of Civil Engineering Advisory Committee

### EXPERIENCE

**West Virginia, Spruce River Volunteer Fire Department, Boone County, Boone County:** Structural design of additions and renovations to existing volunteer fire department.

**West Virginia, Kanawha County Schools:** Structural design of additions to George Washington High School, including 3-story classroom addition, new commons area and auxiliary gymnasium.

**West Virginia, Kanawha County Schools:** Structural design of auxiliary gymnasium additions to Sissonville, Herbert Hoover, South Charleston and Nitro High Schools.

**West Virginia, Upshur County Courthouse:** Designed renovations to 3-story building addition, renovations to existing 1899 building main entrance and dome structure.

**West Virginia, Eastern West Virginia Regional Airport:** Designed foundations and structural steel framing for new 2-story terminal building.

**West Virginia, Star USA Federal Credit Union:** Designed foundations and roof framing for new one-story commercial building.

**West Virginia, Covenant House:** Structural design of new 3-story, 13,700 SF steel frame and light-gauge steel roof truss building.

**West Virginia, Twin Falls Resort State Park Addition:** Structural design for new 3-story, 36,600 SF expansion to existing lodge facility, including conference rooms and new indoor pool.

**West Virginia, State Capitol Complex, Main Capitol Building Dome:** Exploratory investigation of structural steel components of Lantern Level of dome and development of contract documents for repairs. Building is on the National Register of Historic Places and was constructed in the 1930's. Received a NYAIA Merit Award for Design Excellence.

PO Box 469 • Alum Creek, WV 25003-0469 **PHONE** 304-756-2564 **FAX** 304-756-2565 **WEB** [www.casstruceng.com](http://www.casstruceng.com)

PROVIDING STRUCTURAL ENGINEERING SOLUTIONS FOR YESTERDAY, TODAY AND TOMORROW  
COMMERCIAL, GOVERNMENTAL AND INDUSTRIAL STRUCTURAL DESIGN, ANALYSIS AND RESTORATION  
A WEST VIRGINIA CERTIFIED IRE CONSULTANT - CERTIFIED IN THE PRACTICE OF STRUCTURAL ENGINEERING

WV VA KY OH MD PA

### **PREVIOUS EXPERIENCE**

**West Virginia, Sissonville Branch Library:** Performed structural design of new 6,700 SF branch library for Kanawha County.

**West Virginia, Morrow Library at Marshall University:** Performed structural evaluation of portion of existing library floor that was exhibiting damage and found that floor was severely overstressed. Floor was unloaded and repairs made.

**West Virginia, Wise Library at West Virginia University:** Performed structural evaluation of existing stack system for renovations to main library.

**West Virginia, Upshur County Courthouse Annex:** Performed structural evaluation and design for repairs to existing 3-story steel framed multi-story Annex addition.

**West Virginia, Johnson Ave Professional Building:** Structural design of new 9,400 SF steel framed office building.

**West Virginia, Morgantown High School Additions:** Designed steel framing and foundations for science classroom, cafeteria and gymnasium additions to existing education complex.

**West Virginia, Grafton High School Addition:** Designed steel framing and foundations for new science classroom addition to existing high school.

**Pennsylvania, Metropolitan Edison Company, Headquarters:** New 80,000 SF two-story office addition to existing complex.

**Pennsylvania, Defense Distribution Region East:** Structural engineering and design for a 33,000 SF Hazardous Materials Storage Warehouse.

**Pennsylvania, Engel Worldwide:** Steel framing and foundations for new 12,000 SF two-story office building; design of crane beams and columns for adjacent 60,000 SF crane building.

**Maryland, Columbia 100:** Design of structural steel framing for new two-story 43,000 SF office building.

**Pennsylvania, York Federal Savings and Loan Association/New Service Corporation:** Design of steel framing, reinforced concrete retaining wall and foundations for new 14,400 SF two-story office building.

**Pennsylvania, Glatfelter Insurance:** Design of steel framing and foundations for new 30,200 SF building.



**ZDS Design / Consulting Services**  
St. Albans, WV

## ABOUT ZDS DESIGN/CONSULTING SERVICES

In 1983, Todd A. Zachwieja founded ZECO Consultants. In 1994 ZDS Limited Liability Company was incorporated in West Virginia using dba ZDS Design/Consulting Services, and was founded to provide design and consulting services.

Each new project is assigned to a principal in charge who will follow the project from inception through commissioning. ZDS assigns the production staff according to the nature of the project and the work force necessary to meet the schedule. The principal in charge of that project determines if consultants are needed and coordinates all areas. After bidding, a principal of ZDS coordinates visits to the job site regularly, all the way through the post-warranty inspection. ZDS believes in the team approach when providing engineering design and consulting services. We start with our client as the number one member on our team. We listen to the needs and concerns of our client and that becomes the basis for our design.

### COMPANY LEGAL NAME

ZDS Limited Liability  
Company dba ZDS Design/Consulting Services

### LOCATION OF INCORPORATION

West Virginia

### FOUNDERS

Todd A. Zachwieja, P.E., C.E.O.  
Lori L. Zachwieja, C.P.A., C.F.O.  
Daniel H. Kim, Ph.D.

### OFFICE

281 Smiley Drive, St. Albans, WV 25177

### EMPLOYEES

ZDS currently employs design professionals covering all aspects of our services.



## CLIENTS & EXPERIENCE

- ◆ Charleston Area Medical Center
- ◆ Charleston National Bank/Chase
- ◆ Coal Heritage Discovery Center
- ◆ Concord University Nick J. Rahall II Technology Ctr.
- ◆ District 2 Headquarters' Building HVAC Renovations
- ◆ General Motors North America Operations
- ◆ Harvard University Arboretum
- ◆ Hopemont Hospital, WVDHHR
- ◆ IMC Data Center
- ◆ Jackie Withrow Hospital, WVDHHR
- ◆ Kanawha County Commission Courthouse & Judicial Annex
- ◆ Kanawha County Metro 911
- ◆ Laidley Towers
- ◆ Marshall University Harris Hall & Smith Hall
- ◆ Meadowbrook & Burnsville Rest Areas, WVDOT
- ◆ Mercer County Courthouse
- ◆ Pendleton County Courthouse & Annex
- ◆ Pocahontas County Community Center
- ◆ Robinson Grand Performing Arts Theatre
- ◆ Redmond House, WVDOT
- ◆ St. Patrick Church Renovations
- ◆ Tyler County Commission Courthouse
- ◆ Tucker County Courthouse
- ◆ University of Charleston Innovation Center
- ◆ Veterans Administration
- ◆ Webster County Development Authority
- ◆ White Sulphur Springs Welcome Center
- ◆ William R. Sharpe, Jr. Hospital, WVDHHR
- ◆ World Trade Center, MD
- ◆ WV Air National Guard
- ◆ WV Army National Guard
- ◆ WV Children's Home, WVDHHR
- ◆ WV Dept. of Education - State wide PreK-12 Schools
- ◆ WV Division of Energy
- ◆ WV Dept. of Transportation
- ◆ WV Dept. of Health & Human Resources
- ◆ WV Division of Culture and History Renovations
- ◆ WV Division of Protective Services
- ◆ WV General Services Division
- ◆ WV Higher Education Policy Commission
- ◆ WV Parkways Authority HVAC Renovations
- ◆ WVU Stewart Hall & Wise Library
- ◆ WVU Tech (Montgomery Campus) Engineer Bldg.
- ◆ WVU Davis Hall
- ◆ Yeager Airport

ZDS provides comprehensive design services. We have experience and specialties in indoor air quality, energy management and commissioning, along with traditional mechanical and electrical design experience dating back as far as 1958. We offer a complete package. ZDS works with all levels of the client's staff: the building owner, budget supervisor, operating and maintenance staff and others impacted by the project. We recognize that the maintenance and operating staff live with the design long after the project's completion. We listen to and work with those who will continue to operate and maintain the equipment. We find that proper communication benefits the client throughout the design process and beyond.

The ZDS design team provides a total system evaluation for cost-effective selection, installation, and ease of maintenance for both new systems and retrofit of in-place systems. Design begins with our client. Our staff meets with our client to review their concerns, budgets and schedules. The ZDS design team reviews the entire picture, and ends with "A Total Design."

The ZDS staff has the expertise with codes and standards. We have extensive experience in conducting engineering code surveys of existing facilities. Our staff has excellent working relationships with the West Virginia Fire Marshal's Office, West Virginia Department of Education and the West Virginia School Building Authority. In addition to comprehensive Engineering services from an experienced design team, another major consideration in the selection of your engineer and design staff should be their track record.

ZDS' organization has an unbeatable, long running, and well-known track record for meeting our clients' needs, on time and within budget, with outstanding quality. ZDS views these characteristics as the foundation of Quality. We look forward to the opportunity to discuss our ideas with you and assist you by providing solutions for your needs with a full range of services from Planning to Commissioning.

## INDOOR AIR QUALITY SERVICES

ZDS provides consulting engineering services for the indoor air quality (IAQ) environment. These services include: strategic planning for renovation and new construction projects; technical research and writing; specialized applications software development; corporate and professional training programs; publications support and fulfillment; and site-specific engineering and scientific consultation. Todd Zachwieja, ZDS Principal, is contributing editor for the following IAQ publications:

- Technical Review Panel for the publication of the *INvironment™ Handbook of Building Management and Indoor Air Quality*, by Chelsea Group and published for Powers Educational Services
- Technical Review Panel for the quarterly publication of the *INvironment™ Newsletter*, by Chelsea Group for Powers Educational Services
- *Ventilation for a Quality Dining Experience: A Technical Bulletin for Restaurant Owners and Managers*, released in January 1993
- *The New Horizon: Indoor Environmental Quality*, published as a supplement to an issue of *Consulting-Specifying Engineer* magazine, a trade magazine distributed to roughly 50,000 engineers
- Editorial Advisory Board member reviewing the articles of the monthly publication *INvironment™ Professional*
- Editorial Advisory Board member of *POWER PRESCRIPTIONS™ Indoor Air Quality Publication* by Electric Power Research Institute

ZDS provides Indoor Air Quality (IAQ) services for major corporations, government organizations and property owners to resolve their specific facility problems:

- Resolve “sick building syndrome”
- Identify solutions to building-related illnesses due to extensive biological contamination
- Develop solutions for HVAC systems, temperature controls, equipment, operating and maintenance practices for indoor air quality
- Commission new and renovated facilities to minimize or eliminate IAQ issues before problems arise
- Develop and establish master plans as well as conduct training seminars for IAQ of schools and commercial buildings

As one of the nation’s leaders in Indoor Air Quality (IAQ), ZDS provides sophisticated technical expertise that enables our client to be proactive in solving and preventing indoor environmental problems.

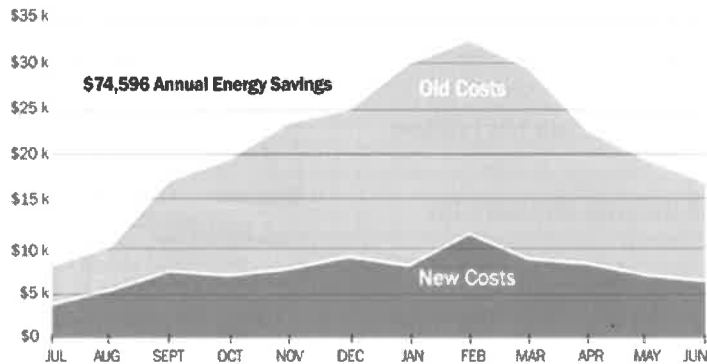




At ZDS, our engineering staff integrates energy efficiency into each project design to provide you, our client, with the added value that you expect and deserve. The ZDS team approach represents a tremendous amount of experience in designing energy efficient facilities. ZDS offers a comprehensive range of energy management services including:

- Providing detailed analysis of facilities
- Recommending sound and proven energy saving solutions
- Implementing energy management improvements
- Determining, quantifying and assisting in securing available Utility and Government grants

The ZDS team members take pride in the quality of their projects and have been responsible for designing and implementing numerous energy management programs. These programs are providing significant energy improvements and include optimizing, central utility plant equipment, control systems, air handling systems, lighting systems, and other energy consuming equipment.



**ABOVE:** ZDS designed and implemented the region's first and largest commercial geothermal system saving Webster County High School over \$74,596 in energy savings.

### Recent projects include:

- Interconnecting boilers and chiller plant systems
- Designing Geothermal HVAC systems
- Optimizing HVAC equipment and operating sequences, including upgrades to variable speed operation
- Installing Direct Digital Control (DDC) Energy Management Systems
- Replacing inefficient lighting equipment with energy efficient systems
- Modifying air handling equipment from 100% outside air to return air operation
- Implementing heat recovery units into HVAC equipment
- Improving laundry, kitchen and other process application efficiencies



In addition to the energy management projects outlined above, the ZDS team members have extensive experience in identifying and implementing energy efficient operating and maintenance measures. These are typically low cost or no cost measures that include:

- Inspecting, calibrating temperature controls and adjusting outdoor air dampers
- Commissioning economizer cycle operation
- Testing steam traps and pressure relief equipment operation
- Enabling heating and cooling equipment only when required

The ZDS team is trained and experienced in advising you of program options to incorporate energy efficiency and operational savings features into the design of your new construction and renovation projects. At ZDS, we view our role as helping you to define your own energy efficiency needs and goals through identifying energy savings options and providing supporting financial information. We then help you fit your energy efficiency needs and goals into a workable budget and schedule, and then design a program to fill those needs.

Sustainable “Green Building” design, including LEED certification, recognizes the importance of commissioning. The design and construction industry have had start-up problems when a facility is occupied and construction deficiencies were not discovered until the contractor’s traditional one-year warranty period expired. The mechanical and electrical systems have continued to become more complex with sophisticated control systems and equipment, and a mountainous amount of changing technology. If not properly addressed, building owners could face numerous operational problems from “Sick Building Syndrome,” excessive energy costs, and uncomfortable indoor environments.

Commissioning is the missing link between design and implementation. Prior to joining ZDS, Todd Zachwieja established commissioning services for one of the nation’s largest energy service companies. He is also a LEED Accredited Professional. Many utility companies and building owners now require commissioning for new or renovated facilities in order to maximize the use of their investments in their facilities and to obtain LEED certification.

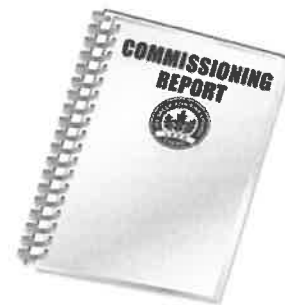
ZDS offers commissioning services for their clients, including meeting LEED enhanced commissioning requirements. These services include strategic planning and operations assistance for renovation and new construction projects. Commissioning services consist of construction document review, equipment performance testing, documentation of design criteria, value engineering, operational fine tuning, coordination of professional operations training programs and site-specific engineering consultation. Our project team has the unique experience of in-depth design knowledge and hands-on operations knowledge that fills in the gap between traditional design services and the building owner’s operational needs.

The commissioning process now required by ASHRAE 90.1 Energy Code and offers the following benefits:

- Improved comfort, serviceability and owner understanding of systems and design intent
- Added technical support for the owner and being proactive in preventing new problems
- Reduced maintenance and decreased expenses related to operating deficiencies
- Early identification and resolution of system discrepancies while designers and contractors are still under contract and on the job
- Verification of system performance while meeting financial restraints

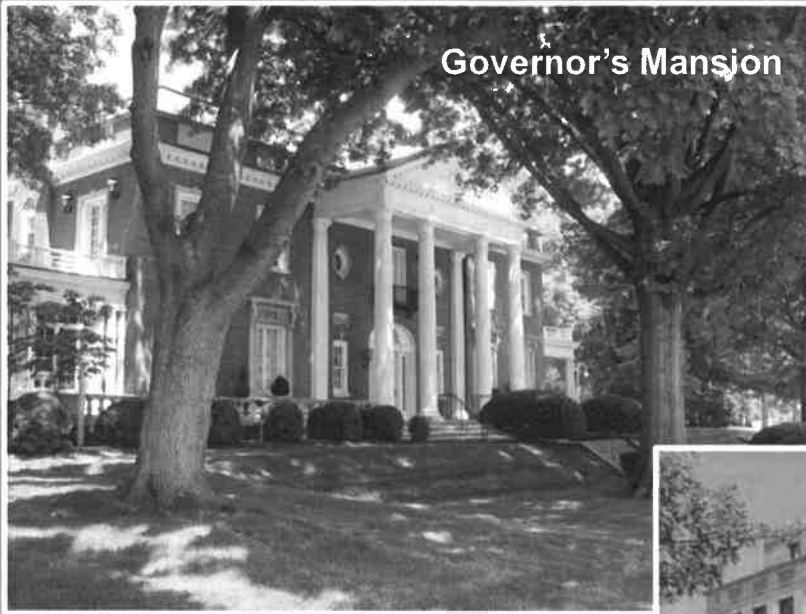
The National Conference on Building Commissioning invited Todd Zachwieja to speak and he jointly presented a paper with the Director of Maintenance of Charleston Area Medical Center’s Memorial Division. The Tampa, Florida Conference involved experts nationwide.

Since 1958, the ZDS design staff has provided millions of dollars of engineering design services on a variety of project types. The ZDS design team will provide comprehensive services utilizing experienced staff through planning, cost estimating, engineering, coordination of bidding, regular site visitation during construction and specifications for equipment.



You, our client, will greatly benefit from a single point of responsibility for every need your project may have.

# Engineering for State & Local Government Facilities



**Governor's Mansion**

Engineering planning and design for central heating plant, DDC controls, Air Handling Unit replacements and retrofits, operating and maintenance, training, heat recovery, fuel conversion, VFD's, variable water volume pumping, steam/heating hot water and chiller optimization.

Renovations included HVAC, fire safety, lighting, plumbing, indoor air quality and electrical power engineering.



**Building #3**



**State Capitol**



**LEED Certified Candidate**



**Design/Consulting Services**

# Engineering for State & Local Government Facilities

ZDS engineering project experience includes facilities registered as official Historic Buildings



Jackie Withrow State Hospital



WVDHHR hired ZDS to engineer the upgrades for three historic hospital facilities in three separate locations. ZDS successfully completed the projects while meeting the requirements of the State Historic Preservation Office (SHPO).



Hopemont State Hospital



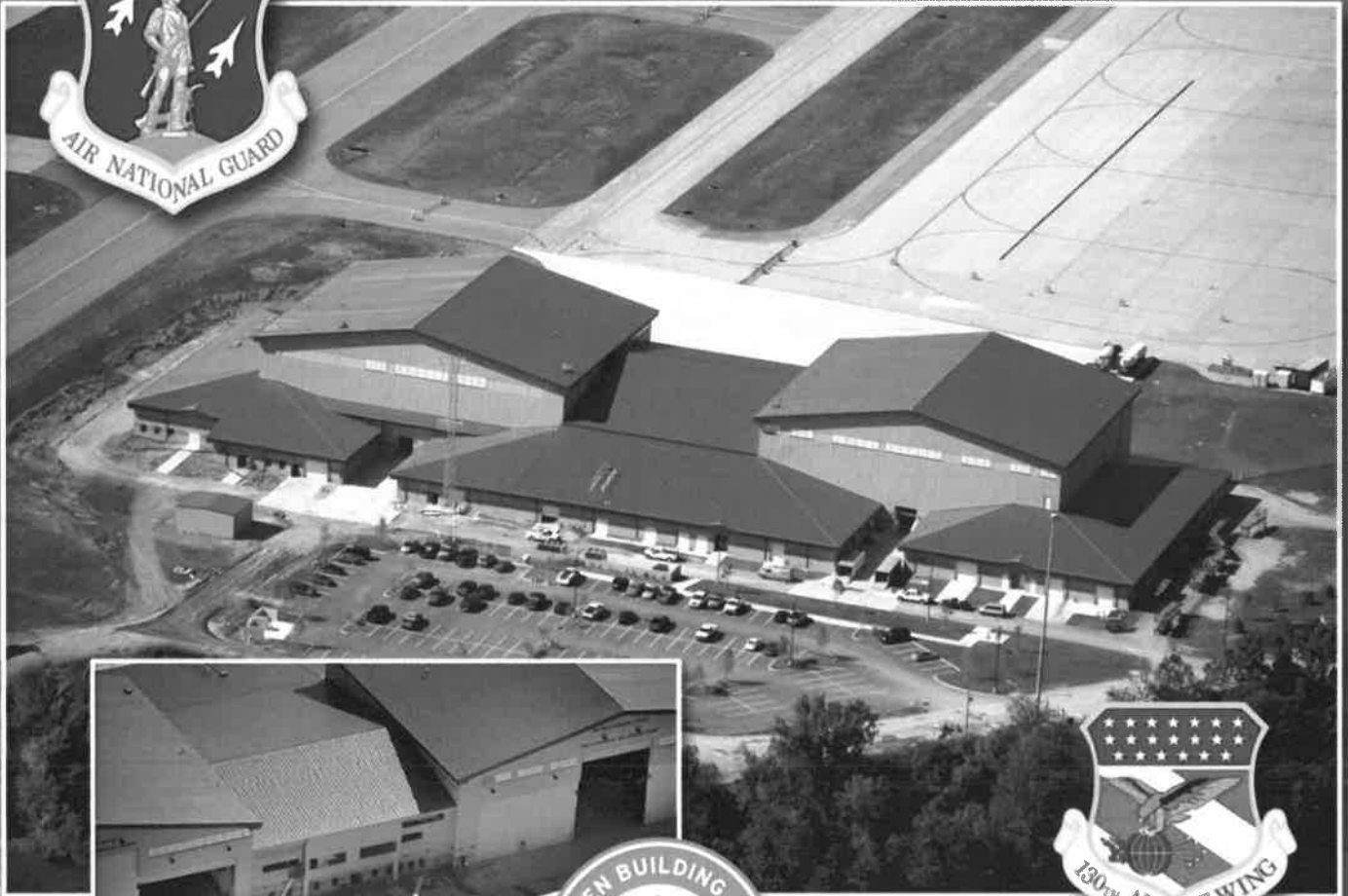
Mildred Mitchell-Bateman State Hospital

Renovations included HVAC, fire safety, energy efficient lighting, plumbing, indoor air quality and electrical power engineering.



Design/Consulting Services

# Engineering for State & Local Government Facilities



130th Airlift Wing at Yeager Airport,  
Phase I and Phase II  
Aircraft Maintenance Fuel Systems  
Hangars and Shops  
**Awarded LEED Silver Certification**

ZDS worked with the West Virginia Air National Guard on the Commissioning for their new Replacement Aircraft Maintenance Hangar and Shops plus a new Fuel Cell Hangar. This facility included a larger maintenance hangar, miscellaneous maintenance shops, central boiler plant and chiller plant. The project successfully achieved LEED Silver Certification with commissioning being an integral part of that certification.

Construction Costs: \$43,000,000  
Project Size: 128,715 ft<sup>2</sup>

***"ZDS's commissioning services were invaluable in helping us understand our facility and ensure the systems were installed as intended and optimized for long-term operating benefits. We would recommend them again!" - Captain Harry Netzer, WVANG Project Manager***



## WV Army National Guard Headquarters & Annex Building

ZDS Design/Consulting Services and its principals Ted and Todd Zachwieja were involved in many mechanical, electrical, and plumbing design projects for the WV Army and Air National Guard. ZDS projects with the Army National Guard include providing electrical Design/Build engineering and project management for emergency power for the Army Headquarters Building and Annex Building in Charleston, WV. This project was completed ahead of schedule and within budget to provide emergency power needs for the Coonskin Army National Guard campus as part of their overall homeland security strategy. ZDS also evaluated and designed HVAC renovations to restore four indoor firing ranges to meet current compliance with Army Standards.



**Total MEP Cost:** Over \$4,000,000

**Contact:** Lt. Co. Todd Justice, Deputy Director of Joint Operations: [anthony.t.justice.mil@mail.mil](mailto:anthony.t.justice.mil@mail.mil)

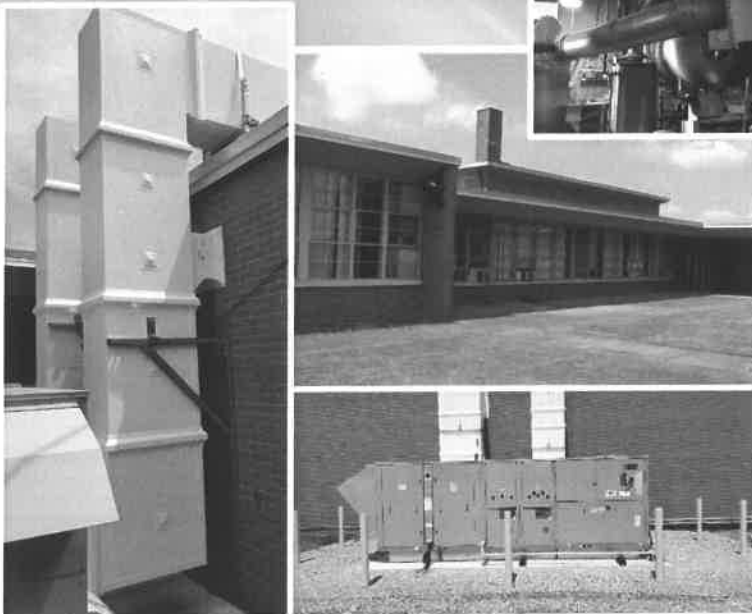
WEST VIRGINIA

ARMY NATIONAL  
GUARD

## WV Army National Guard Dunbar Armory

ZDS provided comprehensive MEP engineering support for HVAC/partial lighting renovations at the Dunbar Armory. Our professional services included preparation of the Construction Bid Documents, issued in one package, and continued through bidding, negotiation and construction administration of the Contract.

Renovations resulted in a **61% reduction** in energy for lighting and **41% reduction** in energy for HVAC renovations over ASHRAE 90.1-2007 standards qualifying the project for EPAct.



**Total Project Cost:** \$1,000,000 (completed under budget)

**Contact:** SGM Kenny Goodson: [kenneth.c.goodson.mil@mail.mil](mailto:kenneth.c.goodson.mil@mail.mil)

ZDS

Design/Consulting Services

**William R. Sharpe, Jr. Hospital**  
Weston, WV



**Size:** 219,754 ft<sup>2</sup> plus 33,000 ft<sup>2</sup> Addition

**Date Complete:** 2017

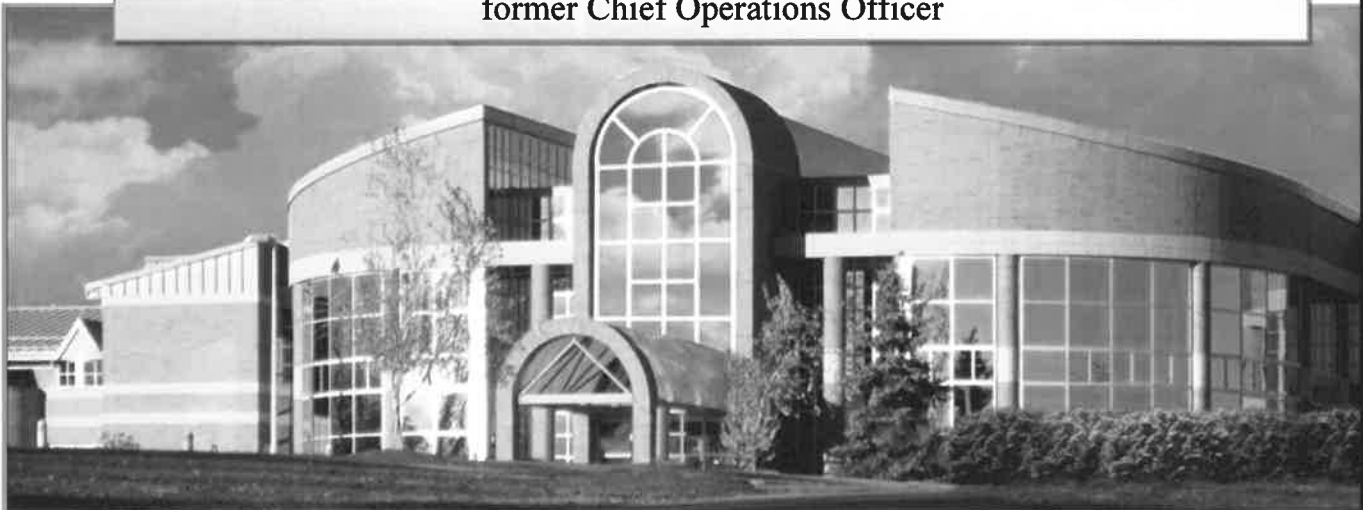
**219,754 ft<sup>2</sup> Renovation plus 33,000 ft<sup>2</sup> New Construction**

Prime for Engineering Master Planning, HVAC Renovations, Lighting Upgrades, Emergency Generator, Fire Protection, Electrical Renovations, Roof Replacement, Commissioning, 3D Scanning.  
Consultant for all MEP engineering through IKM, Inc. for the addition.



MEP Engineering design and Commissioning services for both the HVAC/lighting/roof Renovation project retrofitting Hospital and the patient wing addition. Comprehensive MEP engineering and commissioning services for a central domestic hot water services, central boiler/chiller plant and 1.8 MW bi-fuel emergency generator system. VVW Pumping for heating, cooling and domestic hot water. Integrated DDC controls for central monitoring, troubleshooting and control including demand control ventilation and outside air measuring/monitoring. The HVAC system is also an integral part of the smoke control system. Lighting systems upgraded to LED and controlled to minimize energy. IAQ enhancements were incorporated into the high performance HVAC systems. Careful phasing, and the need to disrupt only small portions of the Hospital at a time, resulted in an extended construction period.

***“The ZDS staff are great planners and designers! They help us make the best decisions for the long term. We would recommend them to anyone!”***  
former Chief Operations Officer



**Renovations resulted in a 48% reduction in lighting and 28.8% reduction in energy for HVAC renovations over ASHRAE 90.1-2001 standards qualifying the project for EPAc.**

<b>Construction Costs:</b>	Phase I HVAC Cost	\$ 1,403,000	Completed in 2011
	ARRA Funded Lighting Upgrade Costs	\$ 618,700	Completed in 2011
	Comprehensive Renovation Cost	\$30,000,000	Completed in 2017
	Addition Project Cost	\$13,500,000	Completed in 2014



# State of West Virginia Capitol Complex

Charleston, WV



## State of West Virginia Capitol Complex Charleston, WV

**Project Cost:** \$20,000,000

**Size:** 1,900,000 ft<sup>2</sup> covering 9 buildings

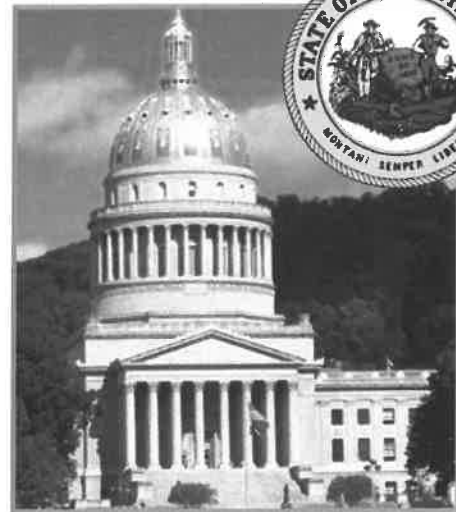
**Date Complete:** 2019 for latest project

HVAC Renovations, Fire Protection,  
Electrical Renovations, Consultant for Performance Contracting

**Client Reference:**

Mark Lynch, Mgr. Facility Operations; mark.w.lynch@wv.gov

**Builder Reference:** Constellation Energy; Chuck Moeller  
(previously with Johnson Controls; (724) 584-3331



Numerous design and renovation projects for the WV State Capitol Complex including engineering planning, design, supervision, preparation of construction documents, specifications, construction administration, and commissioning of HVAC systems, sprinkler systems, plumbing systems, electrical power, lighting, fire alarm, security, technology and communications for many facilities on the WV Capitol Complex: **WV Division of Protective Services:** Engineering master planning & design for specific life safety issues involving homeland security, fire alarm, sprinklers, emergency power, CCTV, intercom, mass notification and "giant voice" system for all State facilities on the Capitol Complex under a 10-year open-end contract. **WV Division of Culture and History Library** renovations addressing long-term HVAC and IAQ problems including fire alarm and fire protection upgrades completed in 2011. Renovations conserved energy without sacrificing comfort or indoor air quality. **District Heating System:** As a consultant to Johnson Controls under a Performance Contracting program to provide master planning and design for the district heating system for the **WV Capitol Complex**. The project included the Master Planning, IAQ evaluation, energy analysis, code analysis and Mechanical design involving more than 1,900,000 ft<sup>2</sup> of facilities including the Capitol Building, Building's #3, #4, #5, #6, #7, Holley Grove, Governor's Mansion and the Cultural Center.

Master planning & design for central heating plant, DDC controls, Air Handling Unit replacements and retrofits, operating and maintenance, training, heat recovery, fuel conversion, VFD's, variable water volume pumping, steam/heating hot water & chiller optimization.



**The Capitol Complex renovations are estimated to save nearly \$2,000,000 annually over the costs of operating the old systems.**

Project Experience



# Robinson Grand Performing Arts Center

Clarksburg, WV



**Project Cost:** \$17,000,000, **Size:** 45,000 ft<sup>2</sup> **Date Complete:** 2018

Study/Evaluation, HVAC Renovations, Fire Protection, Electrical Renovations, Emergency Generator, Lighting Upgrades, 3D Scanning

**Client Reference:**

WYK Associates, James Swiger, President; (304) 624-6326, james@wykassociates.com

High performance sustainable HVAC/Electrical/Plumbing/FP upgrades. Quiet HVAC system meeting stringent acoustical performance requirements for Performing Art. 3D-Scan-to-BIM of the existing facility was invaluable to develop the comprehensive existing conditions. Built in 1913, this beautiful award winning historic theatre has come back to life!

*Renovations resulted in a **50.8% reduction in energy** over ASHRAE 90.1-2007 standards qualifying the project for EPAct.*



Project Experience

**Project Cost:** \$17,000,000, **Size:** 117,500 ft<sup>2</sup>, **Date Complete:** 2017

Study/Evaluation, HVAC Renovations, Lighting Upgrades, Fire Protection, Electrical Renovations, 3D Scanning

**Client Reference:** Gary Boyd, Director of Facilities; (304) 357-4871

The facility consists of classrooms, offices, flexible meeting areas and a large two-story Innovation Center space. Mechanical and Electrical work includes new chiller and boiler plants with pumps and accessories, HVAC air handling units, DDC Controls, new domestic and fire protection water services, new gas service, domestic water heating equipment, extensive plumbing fixtures/showers/lockers, new electrical service from the campus 12.5 kv distribution loop, switchgear, distribution and branch panel boards, and new state-of-the-art energy efficient LED lighting systems.

*Renovations resulted in over a 50% reduction in energy over ASHRAE 90.1-2007 standards.*



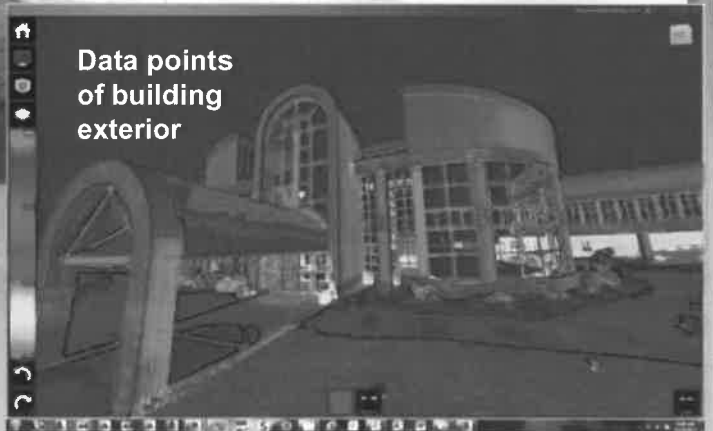
Project Experience

# BIM - 3D Digital Imaging

Our 3D Laser Scanning Services helped William R. Sharpe, Jr. Hospital document existing conditions and integrate their 50-bed addition.



3D Laser Scanning



Data points of building exterior

## Why 3D Laser Scanning is better:

3D laser scans reveal significant differences between existing conditions and the original drawings.

3D laser scans also provide superior details by capturing data that is more comprehensive and precise than conventional methods.

**“With the 3D laser scanning service, ZDS saved us countless hours communicating to all project team members, even to those who work or live far away.**

**Also, we now have an accurate record of the existing conditions that DHHR can easily access now and into the future.”**

*former Chief Operations Officer*



## Web Share:

3D laser Scanning allows facility owners to view and measure areas with others on their planning and construction team.



# BIM - 3D Digital Imaging

**"The 3D laser imaging improves quality, saves time and money while providing a valuable resource now and into the future."**

*DHHR*



**3D Laser Scanning**



**Data points of building interior**

**"The 3D laser scans safely document hard-to-reach interior areas — this greatly reduces our risk for liability.**

**Also, the excellent details of the laser scans convert to accurate construction drawings, both architectural and engineering."**

*DHHR Director of Construction & Project Management*



**3D Engineering Drawing:**  
Sample of 3D mechanical drawing converted from 3D laser scan data points.

**Web Share:** Helps construction team members integrate existing conditions into BIM models.





## Principal-in-Charge

**Ted (Todd) A. Zachwieja**, BSME, MSEM, P.E., CEM, LEED AP with over 40 years of experience in MEP design, energy management, IAQ and commissioning. Nationally recognized for expertise in IAQ, LEED and Certified Energy Manager. Received "Legend in Energy" by AEE in 2007/2008. Founding partner of ZDS.



## Chief Technical Officer BIM Manager/MEP Engineer-of-Record

**Ted A. Zachwieja III**, BSME, P.E., CEM and 2012 Legend-in-Energy Award, specializes in MEP design, energy management, IAQ and commissioning. Forerunner in adaption of 3D scanning for buildings for use in MEP design for renovations. Extensive experience in IT systems administration with over 16 years of experience at ZDS. Co-authored BIM Training for Autodesk University presented in Las Vegas 2015, receiving national recognition.



## MEP Design/Construction Admin.

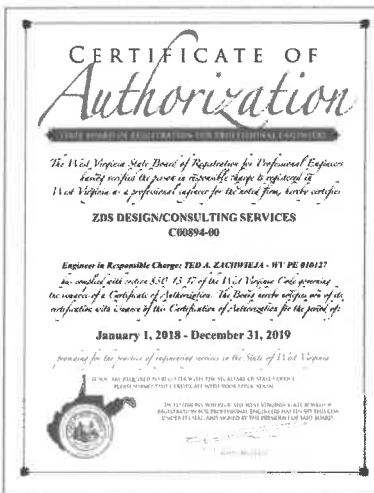
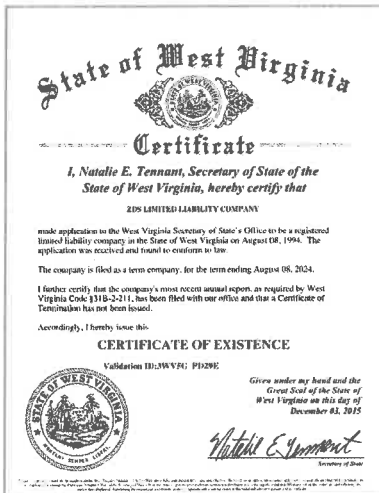
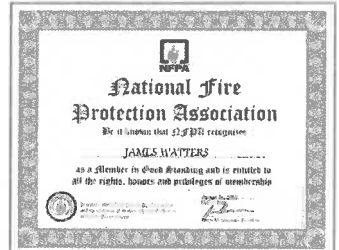
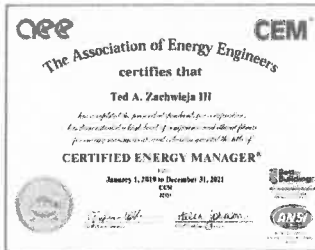
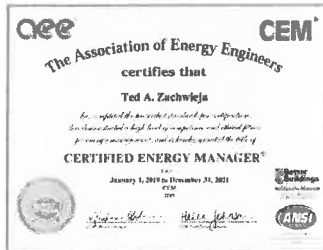
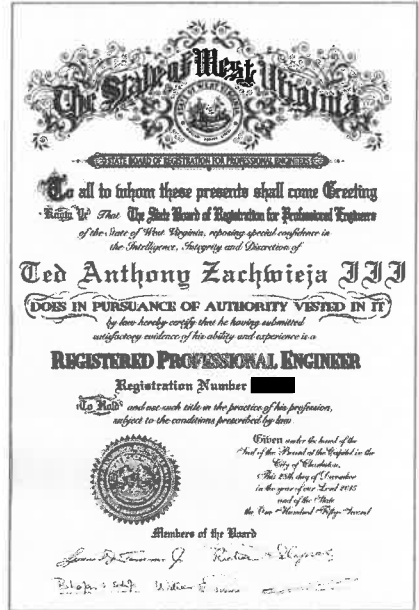
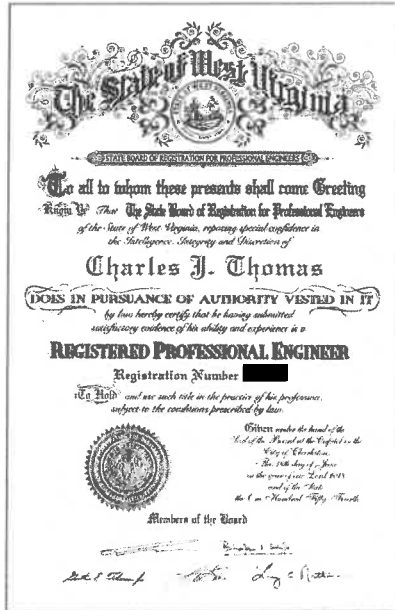
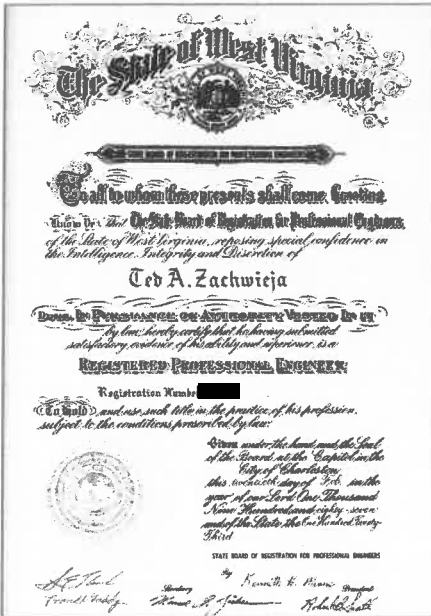
**Jim Watters**, with over 40 years of experience in mechanical, electrical and plumbing design/commissioning and Construction Administration. Extensive construction experience, including cost estimating, contractor coordination and scheduling for various projects.



## MEP Engineer/Commissioning Controls/Energy Modeling

**Chase Thomas**, BSME, P.E. with 10 years of experience specializing in mechanical and electrical engineering design. He provides HVAC, electrical and plumbing design and commissioning services for a variety of clients in West Virginia with extensive experience.

# Team Certifications



# Todd Zachwieja, PE, CEM, LEED AP



Todd has over 40 years of experience involving the analysis, design, construction management and specifications for mechanical engineering, heating, ventilating, air conditioning, plumbing, fire protection, electrical and lighting, as well as indoor environmental quality analysis, building system commissioning and forensic engineering for educational, governmental, military, commercial, industrial and health care clients. He is also recognized as a campus master planner for utility infrastructure providing master planning at many Universities, hospitals and the State of WV Capitol Complex.

Prior to starting a consulting engineering firm, Todd Zachwieja coordinated comprehensive energy conservation programs resulting in annual energy savings of millions of dollars. He has managed a profitable regional office for one of the country's largest energy companies that service the southeastern United States. Todd also developed computer modeling programs for building energy analysis and monitoring. He has been invited as an industry leader to present technical papers and speak at professional conferences both regionally and nationally.

Todd selected and designed the pilot project for one of the largest geothermal heat pump applications in the Eastern US including designing custom geothermal rooftop AHU's. He has retro-commissioned HVAC systems for millions of square-feet for facilities located in 10 states. He has been involved with many commercial structures including high-rise commercial building renovations. Todd designed renovations to many existing schools which received **Energy Star Certifications** placing them in the nation's top 25% of energy efficiency schools. *The College Planning and Management Magazine* featured Todd and his work with a major University for the performance contracting programs that save millions of dollars in energy and operating costs. Most projects also qualified for EPAct which requires buildings use over 50% less energy than buildings designed using ASHRAE 90.1.



## PROFESSIONAL REGISTRATIONS

Professional Engineer...

Florida [REDACTED]

Georgia [REDACTED]

Kentucky [REDACTED]

Maryland [REDACTED]

North Carolina [REDACTED]

Ohio [REDACTED]

Pennsylvania [REDACTED]

South Carolina [REDACTED]

Virginia [REDACTED]

West Virginia 10177

Fire Investigation Certification under the direction of Peter Vallas, S

**CEM** Certified Energy Manager (C.E.M.) Nation Certification No. 2205

**LEED AP** LEED Accredited Profession. National Certification through USGBC No. 100838

## EDUCATION

Masters of Science in Engineering Management from West Virginia University College of Graduate Studies  
Bachelor of Science in Mechanical Engineering from West Virginia Institute of Technology.

## GOVERNMENT/HISTORIC/COMMERCIAL PROJECT EXPERIENCE

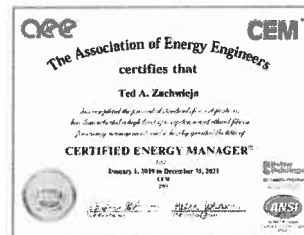
- Bank One
- Bayer Material Science
- Calvert County Aquatic Center, MD
- Charleston Area Medical Center
- Cass Scenic Railroad Clubhouse, WVDNR
- Coal Heritage Discovery Center
- Culture Center, HVAC & Fire Protection, WV State Capitol Complex
- General Motors Corp. Re-commissioning
- Hopemont Hospital, WVDHHR
- Jackie Withrow Hospital, WVDHHR
- Jackson County Courthouse Annex
- Kanawha County Commission: 120,000 sf Judicial Annex additions/renovations
- Kanawha County Courthouse
- Kanawha County Metro 911
- Kanawha County Public Library
- Kanawha County Schools
- Kohl's
- Laidley Towers
- Marshall University
- Mercer County Courthouse Annex
- Olin Corporation
- Phillip Morris USA
- Public Service Commission of WV
- Redmond House, WVDOT
- Rhone-Poulenc
- Robinson Grand Performing Arts Theatre
- Santa Anna Federal Building, CA
- St. Patrick's Church
- Tyler County Courthouse
- Tyler County Schools
- Toyota Motor Manufacturer, WV Inc.
- Union Carbide/DOW
- United Center
- University of Charleston Innovation Ctr
- William R. Sharpe, Jr. Hospital, WVDHHR
- Word Trade Center, MD
- WV Air National Guard including Cx \$45M Fuel Cell/ Maintenance Hangars at Yeager Airport – **LEED Silver Certified**
- WV Army National Guard
- WV Capitol Complex Central Heating Plant
- WV Children's Home, WVDHHR
- WV Department of Transportation/DOH
- WV Division of Protective Services
- WV Higher Education Authority
- WV General Services Division
- WV State Capitol Complex renovations
- WVU Stewart Hall & Wise Library
- Yeager Airport

# Todd Zachwieja, PE, CEM, LEED AP



## PROFESSIONAL AND COMMUNITY AFFILIATIONS

- Member of Investigative Engineers Association (I-ENG-A) and founder of I-ENG-A of the Tri-State Region
- Past President 2013-14, current Governor** - WV ASHRAE Chapter, Served as ASHRAE's Energy and Technical Affairs Chairman for six years. Recognized by ASHRAE Region VII in 2014 with the David Levine Award of Excellence, Presidential Award of Excellence,
- Recognized by the International Who's Who of Professionals
- Recognized nationally as West Virginia's Business Man of the Year
- Recognized by AEE nationally in 2007 as a Legend in Energy
- Recognized by AEE nationally in 2008 as a Charter Legend in Energy
- Charter Life Member of the Association of Energy Engineers
- Professional Affiliate Member of the American Institute of Architecture
- Associate Member West Virginia Society for Healthcare Engineering
- Member of the International Code Council
- Member of the National Society of Professional Engineers



## OTHER RECOGNITIONS

- Selected by WVU and the WV Division of Energy to train Code officials and the design community on ASHRAE 90.1 State Energy Code
- Presented at regional and national conferences including the annual National System Commissioning Conference
- Contributing editor and served on the Editorial Review Panel for *"The Handbook of Building Management and Indoor Air Quality"*
- Contributing editor *"Ventilation for a Quality Dining Experience"*
- Contributing editor and served on the Editorial Review Panel for *INvironment Professional, Power Prescriptions* and other publications and articles featuring Indoor Air Quality (IAQ) and MEP engineering systems
- Energy Star Certified for facilities in the nation's top 25% of energy efficiency
- 1<sup>st</sup> Place 2014 ASHRAE Technology Award, Region VII
- LEED Silver Certified WVANG Fuel Cell/Maintenance Hangar, Charleston, WV
- LEED Gold Certified Harvard Arboretum, Boston, MA
- First ASHRAE bEQ certified building in West Virginia, 2015





# Ted Zachwieja III, PE, CEM



Ted has over 16 years of experience in building construction design industry. His strategic thinking and development of technical resources at ZDS has helped streamline design processes and improve quality of work office wide. Ted is an innovative problem solver in engineering design, communication methods and management of BIM models between stakeholders during a design project. As a pioneer and a believer in technological processes Ted has championed Integrated Design Practices that has become the fabric of ZDS's day to day operations.

Ted developed ZDS's 3D Scanning services which have assisted in collecting key existing conditions for renovation projects, forensic engineering, historical preservation, and high definition reality capture. Ted has in depth experience on collection, registration, and scan to BIM processes. He has provided training and developed materials for best practices when using 3D scan data. Ted's 3D scanning experience includes governmental, educational, health care, industrial, and commercial facilities. He also has experience in speaking on how 3D laser scanning impacts our industry today.

Ted develops, designs and manages the IT systems. The experience encompasses development and deployment of central server systems to networked client computer systems, strategic development for ZDS' Integrated Design Processes, and research and development into new technologies to continue staying on the cutting edge for ZDS and others.

Ted's project experience includes design and commissioning for heating, ventilating, air conditioning, plumbing, fire protection, electrical and lighting systems for educational, health care, industrial and commercial facilities. His experience encompasses working both on new construction and renovation projects. He also is experienced in historical facilities including theatrical.

Ted maintains an active membership to the ASHRAE professional society and also has a lifetime membership to the Association of Energy Engineers. He maintains an active continuing education towards today's standards and codes as well as participates in ASHRAE at both a local and society level. He was recently appointed to the Electronic Communications Standing Committee with ASHRAE. Ted has designed renovations to existing K-12 schools which received **Energy Star Certifications** placing them in the nation's top 25% of energy efficiency schools.



## PROFESSIONAL REGISTRATIONS

Professional Engineer:

Florida [REDACTED]

West Virginia [REDACTED]

Certified Energy Manager (C.E.M.)



National Certificat

No. [REDACTED]

## EDUCATION

Bachelor of Science in Mechanical Engineering from Rochester Institute of Technology, Rochester, NY

## AWARDS AND RECOGNITIONS

Awarded 2012 Legend in Energy by the Association of Energy Engineers

Awarded acceptance into ASHRAE's 2015 Leadership University

ASHRAE Blue Ribbon Award of Excellence

Co-Author at Autodesk University



Energy Star Certified for facilities in the Nation's top 25% of energy efficiency



Member & Co-Founder I-ENG-A of the Tri-State Region

## GOVERNMENT/HISTORIC/COMMERCIAL PROJECT EXPERIENCE

- WV Air National Guard Maintenance Hangar and Fuel Cell Hangar, Charleston, WV – **LEED Silver Certified**
- Adams Morgan Historic Hotel, DC
- Bayer Material Science
- Catholic Church of Ascension, Parish Hall Renovations
- Coal Heritage Discovery Center
- Culture Center, WV State Capitol Complex
- Highland Museum, KY
- Hopemont Hospital, WVDHHR
- Jackie Withrow Hospital, WVDHHR
- Kanawha County Judicial Annex HVAC Renovations
- Laidley Towers
- Meadowbrook Rest Areas
- I-70 Welcome Center
- CASCI Building, Charleston WV
- Morgantown Welcome Center
- Pocahontas County Community Center
- Redmond House, WVDOT
- Robinson Grand Performing Arts Theatre
- Servia Rest Areas
- St. Patrick's Church, Weston WV
- Stonewall Jackson Marina
- Tyler County Courthouse
- University of Charleston Innovation Center Additions/Renovations
- William R. Sharpe, Jr. Hospital Additions/Renovations, WVDHHR
- World Trade Center, Renovations, MD
- WV Children's Home, WVDHHR
- WV Parkways Authority, Toll Booth Plazas
- WV State Capital Complex Central Heating Plant
- WVU Wise Library
- White Sulfur Springs Rest Area
- Numerous K-12 School Renovations

# Jim Watters



Jim has over 40 years' experience in design and implementation of lighting, HVAC, plumbing and electrical systems including nine years in the construction industry. He has a comprehensive knowledge of construction documents, contracts, and development of cost estimates, budgets and schedules. Jim's strengths reside in his ability to manage projects and people in an organized and cost-effective manner. Jim has been involved with the design and production of mechanical and electrical drawings including HVAC, plumbing, fire protection, lighting, electrical power, fire alarm and specialized systems. He has worked with and managed engineers in projects for health care, educational and commercial buildings in the states of West Virginia, Florida, Maryland, Pennsylvania, Ohio, Kentucky, Virginia, Georgia, New York, Arizona, Illinois and Massachusetts.

Jim has extensive experience in energy savings' programs for lighting, HVAC, plumbing and electrical systems in hospitals, state and government office buildings, school systems, and manufacturing facilities, as well as managing performance contracts for a large facility's campus totaling \$10,000,000 in construction costs on various projects, including the conception, design and construction administration for the installation of a 1.5 Megawatt emergency generator. The propane-fired generator and associated switchgear in conjunction with 60,000 gallons of propane fuel storage served to provide peak shaving/load shedding to save on the campus utility costs as well as emergency power functions. Through the years, Jim has researched and implemented into practice International Building Codes, NFPA Codes, National Electrical Codes, Life Safety Codes, IES standards, AIA Guidelines for Design and Construction, and ADA guidelines. His involvement in construction through the years has been mainly from the design side of the industry with a 9 year stint working for a contracting firm at the turn of this century. His experience includes coordinating with Architects, Owners and Agencies including an excellent relationship with the office of State Fire Marshal.

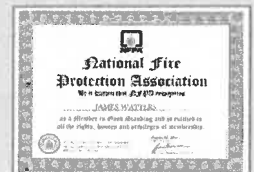


## PROFESSIONAL AFFILIATIONS

Member of Investigative Engineers Association (I-ENG-A) of the Tri-State Region



Member of the National Fire Protection Association (NFPA)



Member of the Health Care Section of the NFPA

Member of the Illuminating Engineering Society (IES)

Past member of the American Society of Plumbing Engineers (ASPE)

Past member of the Institute of Electrical Engineers (IEE)

## OTHER RECOGNITIONS



Energy Star Certified for facilities in the Nation's top 25% of energy efficiency

## GOVERNMENT/HISTORIC/COMMERCIAL PROJECT EXPERIENCE

- Bluefield Area Transit Authority Administration and Maintenance Facility
- Kentucky Judicial Center, Boyd County
- Coal Heritage Highway Authority
- Chase Towers (formally Charleston National Bank)
- Culture Center Fire Alarm/Sprinklers, WV State Capitol Complex
- Department of Transportation Rest Area prototype
- Department of Transportation Welcome Center prototype
- Fenway Park Lightning Protection/ Grounding Study, Boston
- Glenville State College
- Hopemont Hospital, WVDHHR
- I-70 Welcome Center
- Jackie Withrow Hospital, WVDHHR
- Jackson County Libraries Renovations
- Kanawha County Commission Judicial Annex Renovations
- Laidley Towers
- Meadowbrook Rest Areas
- Morgantown Welcome Center
- Redmond House, WVDOT
- Rhone-Poulenc New Admin. offices
- Robinson Grand Performing Arts Theatre
- Sacred Heart Pavilion and Daycare Ctr
- St. Patrick's Church
- Shawnee Park Clubhouse
- Stonewall Jackson Marina Renovations
- Tucker County Board Office Boiler Retrofit
- Tucker County Courthouse
- Tyler County Courthouse
- University of Charleston Innovation Ctr
- William R. Sharpe, Jr. Hospital, WVDHHR
- World Trade Center, MD
- WV Air National Guard including Cx \$45M Fuel Cell/ Maintenance Hangars at Yeager Airport – **LEED Silver Certified**
- WV Children's Home, WVDHHR
- WV Department of Military Affairs, Public Safety Maintenance Facility, Eleanor
- WV Department of Transportation Burnsville Rest Area and Domestic Water Pumping Station—**AIA Merit Award Recipient**
- WV State Capitol Complex Renovations to Buildings 1, 3, 4, 5 & 7
- White Sulphur Springs Welcome Center

# Chase Thomas, PE



Chase has over 10 years of experience providing design, Construction Administration and Commissioning services in mechanical, plumbing, fire protection and various electrical systems. His experience encompasses a broad range of Projects including, but not limited to, Commercial, Government, Healthcare, Educational and Industrial facilities. These Projects over the years have ranged extensively from small to large in terms of both physical sizes and construction budgets. He also has construction experience adding a practical hands on knowledge to both design and commissioning.

Chase's specializes in the design/commissioning and layout of HVAC systems, fire protection/sprinkler systems, lighting and other electrical systems. He has an excellent understanding of the design and implementation of piping systems encompassing all domestic water, sanitary waste/vent, storm water and natural gas combined with a knowledge in steam/water heating systems, boilers, pumps, recirculating systems, Thermostatic Mixing Valves, etc. He consistently stays current with applicable Codes and national, as well as local, standards and regulations.

He has a good awareness of all aspects of the design process and how the various disciplines need to be coordinated to avoid conflicts during construction. Chase has maintained growth as technology has changed throughout the years in the field of engineering design and drafting standards beginning with varying degrees of CAD drafting and proficient in BIM/REVIT and energy modeling.

Chase is the President for the WV ASHRAE professional society . He maintains an active continuing education towards today's standards and codes as well as participates in ASHRAE at both a local and society level. He has also continued his education with relevant courses associated with the field of engineering, and has been active in leadership training provided through ASHRAE and other highly reputable coaching services.



## PROFESSIONAL REGISTRATIONS

Professional Engineer  
West Virginia

## EDUCATION

West Virginia University  
Bachelor of Science  
in Mechanical Engineering


## PROJECT EXPERIENCE

- Ashland Community & Technical College HVAC Controls
- Ben Franklin Career Center HVAC Renovations and Commissioning; Kanawha County Schools
- NEW Bluefield Primary School Commissioning; Mercer Co. Schools
- Bluestone Dam Gate Controllers Electrical Renovations
- Bluestone & Dunbar Armory HVAC Renovations
- Bonsak Elementary (VA) HVAC Controls Renovations
- Cabell Huntington Hospital Surgery Center HVAC Controls Renovations
- CAMC Memorial Hospital Patient Rooms HVAC Renovations
- NEW Mountain Valley Elementary Commissioning; Mercer County Schools
- St. Mary's Hospital Patient Rooms
- HVAC Renovations
- North Central Regional Jail Renovations
- North Fork Elementary Renovations and Commissioning
- Pendleton County Middle/High School Renovations and Commissioning
- Tucker County High School HVAC Renovations
- Tyler County Courthouse
- Tyler Consolidate Middle/High School HVAC Renovations and Commissioning
- Urlings General Store Renovations
- West Edge Factory Renovations
- Weston Hampton Inn HVAC Retrofit
- WV Capitol Complex Central Heating Plant Renovations
- World Trade Center Renovations, MD

## AWARDS AND RECOGNITION

Member of Boy Scouts of America  
(Eagle Scout,  
General Contractor License Holder

## PROFESSIONAL AFFILIATION

President of WV ASHRAE  
  
Member I-ENG-1  
of the Tri-State Region



## References



ZDS has worked on hundreds of projects in West Virginia including many with Governmental agencies. We encourage you to call the references listed below:

- 1. Mike Pickens**, Retired Executive Director  
**WV Department of Education**  
(304) 400-9993;  
involved with dozens of MEP projects in WV since the 1990's.
- 2. Chuck Smith**, Executive Director of Facilities Operation  
**Kanawha County Schools**  
(304) 348-6148, dcsmith@mail.kana.k12.wv.us;  
for projects with Kanawha County Schools as well as previous projects with the Kanawha County Commission.
- 3. Charles Wilson**, Retired Executive Director Facilities Operation  
**Kanawha County Schools**  
(304) 533-6149, cwilson@mail.kana.k12.wv.us  
**Amanda Washington**, Coordinator Facilities Planning  
(304) 348-6148, awashington@mail.kana.k12.wv.us;  
for many projects with Kanawha county Schools.
- 4. Racine Thomas**, Retired Assistant Superintendent  
**Raleigh County Schools**  
(304) 222-3907
- 5. Gary Boyd**, Director of Facility Services  
**University of Charleston**  
(304) 357-4871, garyboyd@ucwv.edu;  
worked on projects at both WVU and UC involving MEP systems since 1990's.
- 6. Amanda Kimble**, Director of Facilities  
**Tyler County Schools**  
(304) 758-2145, akimble@k12.wv.us;  
for renovations to Tyler Consolidated Middle/High School.

# Tyler County Schools

---

P.O. Box 25  
Middlebourne, WV 26149  
(304) 758-2145  
Fax (304) 758-4566

A. Shane Highley, Superintendent

Linda Hoover, President  
Katrina Byers, Vice-President  
Dave Roberts, Member  
Larry Thomas, Member  
P.J. Wells, Member

February 4, 2020

To Whom It May Concern:

This letter is to recognize the outstanding performance of ZDS Design/Consulting Services regarding their team and services rendered to Tyler County Schools. ZDS worked with Tyler County Schools on the Tyler Consolidated Middle/High School HVAC Equipment Replacement Project.

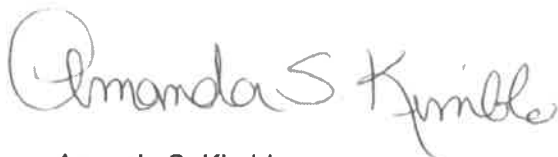
ZDS Design/Consulting Services are to be commended for their patience, diligence, and HVAC engineering expertise with our recent project. The project was complicated with funding and scheduling issues, and ZDS was able to overcome these hurdles and deliver a construction project that had very little issues. Their knowledge of the building systems and project construction administration were key.

From initial project planning, design development, bidding, construction administration, and closeout, ZDS was beside Tyler County Schools to provide any necessary support needed to make this project successful. Their professional team worked closely with our staff to ensure the design accommodated all of the needs for our students and staff.

It has been a pleasure working with the staff at ZDS. I wholeheartedly recommend ZDS Design/Consulting Services for projects similar to the scope of this one.

Please feel free to contact me if you may have any questions or comments.

Sincerely,



Amanda S. Kimble  
Director of Support Services and Facilities  
Email - [akimble@k12.wv.us](mailto:akimble@k12.wv.us) Office - # 304-758-2145



Michael Pickens

172 Oak Street

Dunbar, WV 25064

(304) 400-9993

**RE: ZDS Design/Consulting Services**

I have had the privilege to work with ZDS Design/Consulting Services' principals and many of their staff since working at the School Building Authority in the 1990's in my roles at the School Building Authority to my current role as Executive Director of the Office of School Facilities at the West Virginia Department of Education.

When an emergency issue arose, they would immediately make themselves available to help. ZDS's principal, Todd Zachwieja, did not hesitate to board a helicopter during a weekend to help assess the damage to the State's school facilities when damaging floods occurred. Helicopters were the only way to reach many of the facilities because the roads had been washed away or were impassible. Anytime a challenging issue has arisen that no one knew how to resolve, ZDS has stepped up to solve the challenges. Their extensive engineering knowledge of energy efficient systems, HVAC, controls, lighting, power and plumbing systems has always been at the leading edge in the industry, providing innovative solutions that also minimize energy and operating costs. I have always considered their approach in engineering design and commissioning for buildings to be the best and would highly recommend them to anyone.

Their ability to work with the State Fire Marshal and other agencies – while guiding everyone to a practical design approach – always provided each project with the best value. They are much more than excellent design engineers; they also understand the importance of operating and maintaining equipment and have hands-on knowledge to troubleshoot and also commission to ensure our projects were a great success. Their combined engineering design and commission skills prove to be invaluable.

ZDS Design/Consulting Services was also selected to help the WV Department of Education and the School Building Authority in writing new codes and standards to raise the bar for the entire State. They were chosen because their projects were a success while we were having challenges with others. Todd Zachwieja was also asked to teach school facility staff members, and his reference books continue to be used today. I would always think of ZDS first whenever a challenge would occur, knowing I would get the best results possible.

I trust ZDS's staff in their technical expertise and their approach in solving challenging engineering issues and believe that anyone who uses them will be as satisfied as I have been. They are worth it!

Sincerely,

Michael E. Pickens

# Boyd, Gary MA, CFP

---

2300 MacCorkle Ave. SE | 304 357-4871 | garyboyd@ucwv.edu


To Whom It May Concern

With well earned respect I would like to recommend ZDS as a high quality MEP design firm.

I have had multiple opportunities to work on highly technical projects with Todd Zachwieja and his team of skilled engineers. The first project that I had the opportunity to work with ZDS was a WVU project that connected several older chillers to develop a chilled water loop on the downtown campus. The project included piping through congested areas, load calculations, differential pressure and pump control, and load balancing. This project was designed to become a phased approach to a central chiller plant which is now in operation. The project was efficiently managed and the performance exceeded expectations. As the system changed and older chillers were removed from the loop, Todd always responded to questions and concerns to insure a positive outcome for the overall objective.

At present I am working with ZDS on a University of Charleston project constructing a new Innovation Center and Athletic Complex. ZDS has accommodated many twist and changes to this project. We are on track to open the new facility in December of this year. I have found Todd and his team to be highly responsive and professional.

Sincerely,



**Boyd, Gary MA, CFP**  
**Director of Facilities**  
**University of Charleston**



**&estimate, LLC**  
Cleveland, OH



# COST ESTIMATING SERVICES

1301 E9 St., #2100 and-estimate.com  
 Cleveland, OH 44114 216.619.1700

One of our greatest strengths is estimating. &estimate has developed over \$10 billion of construction project cost estimates on all types of construction nationally and internationally. As an independent service, we provide in-house architectural, civil, structural, mechanical, electrical, plumbing, and fire protection estimating to Owners and architectural firms nationally. Our in-house capabilities in estimating are of particular significance when the Value Engineering process is undertaken because of our first-hand knowledge of all aspects of the building construction. Accurate and well-defined cost estimates are critical to the success of every project. Our estimators specialize in providing accurate construction cost estimates from the initial programming phase through the detailed design and construction phases. Our estimating procedures are developed to ensure that each element of the project is well defined and accounted for in the estimate format.

Our estimating efforts begin with the Program Level estimates of the proposed project. These estimates serve as our "Cost Models" for the project and will be updated to reflect the additional information and details included on the Schematic, Design Development, and Construction Documents. We work with the design team and the Owner throughout the design phase to ensure design components align with available funds. Our final estimate, prior to bidding, is used to evaluate the competitive bids received for the various elements of work.



## What We Will Do For You

&estimate offers construction consulting services from your idea moment through completion when the owner is handed the keys. For over 30 years, our clients have depended on us to provide the equilibrium between the owner's budget and the design.

### Services we offer:

- Owner's Representation
- Probable Cost Estimating
- Value Engineering
- Building Assessments
- Constructability Review
- FFE Estimating and Procurement
- Scheduling
- Cost Segregation
- Life Cycle Costing

### Our Areas of Expertise:

- Education, both Public and Private
- Healthcare
- Governmental
- Community/Recreation Centers
- Corporate
- Performing Arts
- Museums
- Historical Restoration
- Senior Living
- Hospitality
- Housing
- Religious
- Non-Profit
- Mixed-Use
- High Performance/Energy Efficient Construction

## Firm at a glance

**Legal Name**  
 &estimate LLC

**Established**  
 1988 - 30 years in business

**Website**  
 www.pcscompanies.com

### Number of Employees

Project Executives	1
Project Managers	6
Project Engineers	1
Project Superintendents	4
Cost Estimators	7
Others	7



### **Secret Arboretum and Gardens Learning and Resource Center**

Wooster, Ohio

&estimate provided a Concept Cost Estimate for the 6,840 square foot interior/ exterior renovation of an existing garage into the new learning/resource center. This project underwent multiple changes throughout our estimating efforts; the final construction document came in at \$1,513,821. The interior renovation consists of an orientation area, offices, kitchen, storage space, a large multi-purpose room dividable into two smaller rooms - slated for use by OSU classes and arboretum special events. A display corridor extending from the building's existing entryway to the east end for hanging murals, photograph, etc., was also included.

**Construction Cost:** \$1.9 Million

**Architect:** Van Auken Akins Architects



### **Wolf Trap National Park**

Vienna, Virginia

&estimate worked with the Design Team in estimating this project from the Design Development phase through the final Construction Development phase with a strong emphasis that the project bid on budget, as well as be built on time. The specific scope of the project included additions and renovations to the existing maintenance facilities, as well as, extensive stormwater based sitework improvements. Underground stormwater detention and bioretention swales were incorporated to alleviate existing stormwater runoff problems that existed in the maintenance yard vicinity. Work was complete without any interruption to the National Parks maintenance operations.

**Construction Cost:** \$390,000

**Architect:** Westlake Reed Leskosky



### **Blossom Music Center - House Left Improvements**

Cuyahoga Falls, Ohio

&estimate provided provided conceptual and design development cost estimates for this \$2.2 million construction of new ADA-compliant restroom facilities and concession area site lighting upgrade. The estimates were used to determine the overall budget of the project and to assist with Value Engineering to help the project stay on the estimated budget. The project was approved for funding by the Ohio Controlling Board.

**Construction Cost:** \$2.2 Million

**Architect:** Westlake Reed Leskosky



### **Patuxent River Naval Air Museum and Visitor Center**

Lexington Park, MD

&estimate provided SD, DD and CD level cost estimating services for the new 20,858 square foot Patuxent River Naval Air Museum and Visitor Center. The new building, with a focus on the research, development, test and evaluation environments of naval aircraft, includes an exhibit space, simulators, support spaces and offices, a gift shop and displays 22 one-of-a-kind aircrafts.

**Construction Cost:** \$5.3 Million

**Architect:** Westlake Reed Leskosky

## WV Cost Estimating Experience

- Harrison-Taylor 911 Center, Clarksburg, WV
- Martinsburg VA Medical Center, Martinsburg, WV
- West Virginia State Office Building, Clarksburg, WV
- West Virginia State University, Fleming Hall, Institute, WV
- West Virginia University Medicine
  - Clinical Lab Building
  - Heart Lab - Foundating Pricing
  - New Ambulatory Surgery Center
- West Virginia University, Morgantown, WV
  - Basketball Practice Facility
  - Colson Hall
  - Downtown Housing Project
  - Evandale Campus Redevelopment
  - Healthcare Outpatient Surgery Center
  - Heart and Vascular Institute Renovations
  - Maclin Hall
  - Nursery School
  - Physical Education Building
  - Student Health Center and College of Physical Activity and Sport Science (CPASS)

## K-12 Education

- Berkeley County Schools
  - New Middle School, Gerrardstown, WV
  - Spring Mills High School, Spring Mill, WV
- Brooke County Schools, Wellsburg, WV
- Cabell County Schools, Huntington East Middle School, Huntington, WV
- Calhoun County Schools, Arnoldsburg Elementary, Orma, WV
- Gilmer County Schools, New Gilmer Elementary, Glenville, WV
- Hancock County Schools
  - New Cumberland, Elementary School, New Cumberland, WV
  - Weirton Elementary School, Weirton, WV
- Jackson County Schools, Kenna Elementary School, Kenna, WV
- Jefferson County Schools, Harpers Ferry Middle School, Harpers Ferry, WV
- Khanawha County Schools, Charleston, WV
  - West Side Elementary School
  - Edgewood PK-5 Elementary School
- Lewis County Schools, Lewis-Gilmer InterCounty Elementary School, Linn, WV
- Marion County Schools, East Fairmont Middle School, Fairmont, WV
- Marshall County Schools, Moundsville, WV
  - Cameron Elementary, Jr./Sr. High Vocational Buildings Roof Replacements
  - Hilltop Elementary School Athletic Fields Layout
  - New Hilltop Elementary School and Athletic Field





## **Government Cost Estimating Experience**

*(continued)*

- Central Elementary School Combined
- Moundsville Middle School Additions
- Cameron Elementary School, Cameron, WV
- McNinch Elementary School
- John Marshall High School Proposed Natatorium, Glen Dale, WV
- Cold Storage Building
- John Marshall High School Proposed Sports Complex, Glendale, WV
- Monarch Stadium Improvements, Glendale, WV
- Cameron Fieldhouse, Cameron, WV
- John Marshall High School Concession Additions, Glendale, WV
- Mercer County Schools, Oakvale Elementary School, Princeton, WV
- Mineral County Schools, Keyser PK-4 School, Keyser, WV
- Mingo County Schools, Burch Pre-K-8 School, Delbarton, WV
- Monongalia County Schools
  - Suncrest Elementary School, Morgantown, WV
  - Marsh Fork Elementary School, Marsh Fork, WV
  - Eastwood Elementary, Morgantown, WV
- Nicholas County Schools, Gauley River Elementary School, Craigsville, WV
- Putnam County Schools, Winfield Middle School, Winfield, WV
- Preston County Schools
  - South Area PK-8, Denver, WV
  - Central Preston Middle School, Kingwood, WV
- Raleigh County Schools
  - Marsh Fork Elementary School, Marsh Fork, WV
  - Beckley Stratton Middle School, Beckley, WV
  - Crab Orchard Elementary, Crab Orchard, WV
  - Shady Spring High School, Shady Spring, WV
- Wayne County Schools
  - Ceredo Kenova Pre K-5 School, Kenova, WV
  - Wayne High School, Wayne, WV
  - Fort Gay PK-8, Fort Gay, WV
  - Crum Elementary School, Crum, WV
- Wetzel County Schools, New Martinsville, WV
- Wood County Schools, Parkersburg, WV
  - Parkersburg High School, Parkersburg, WV
  - Williamstown High School, Williamstown, WV
  - South Parkersburgh High School, Parkersburg, WV
- Wyoming County Schools
  - Huff Consolidated Elementary School, Hanover, WV
  - Pineville Elementary School, Pineville, WV



## **MIKE ADAMS, LEED AP BD+C** **vice president / lead M/E/P estimator**

Mike leveraged his hands-on maintenance and repair experience with plant operation systems including HVAC, electrical, plumbing and technology systems, gained from 11 years as a Facility-Services Technician with Lake Health Systems, to make a career leap into the world of cost estimating. He joined PCScompanies in 1997 as an estimator. Mike is a Certified Environmental Journeyman and Certified Refrigeration and Air Conditioning Technician and possesses additional certifications dealing with design, programming, graphics and repair of energy management systems. His invaluable experience and knowledge combined with his willingness to mentor make him an asset on all &estimate endeavors. Today Mike is our Lead Estimator and is responsible for the oversight of all mechanical, electrical and technology system estimates. Mike has estimated over \$10 Billion construction projects worldwide and maintains security clearances through the Department of Defense.

### **Education:**

Westside Institute of Technology  
Lake Health Systems

### **Registrations:**

LEED Accredited Professional  
Certified Journeyman  
Bloodborne Pathogens  
Fire, Safety & Emergency Procedures  
Hazard Communications  
Intro to Electrical Safety - OSHA 29  
CFR1929  
Personal Protective Equipment

### **Memberships:**

American Society of Heating,  
Refrigerating and Air Conditioning  
Engineers, Inc. (ASHRAE)  
Construction Specifications Institute  
(CSI), Past President  
Association of the Advancement  
Cost Engineers International  
(AACE International)

### **Speaking Engagement Passion:**

Building Automation

### **Relevant Project Experience:**

- Air Force Bases:
  - Lackland AFB, San Antonio TX
  - Little Rock AFB, Jacksonville, AR
  - NAS Pensacola, FL
  - Randolph AFB, Universal City, TX
  - Vance AFB, Enid, OK
  - Wright Patterson AFB, Dayton, OH
- Schofield Barracks Army Bases, Oahu, HI
- Allen Correctional Institution, Lima, OH
- Architect of the Capitol, Washington, DC:
  - Library of Congress
  - John Adams Building
  - Thomas Jefferson Building
  - James Madison Memorial Building
  - Capitol Power Plant
- Arizona Army National Guard, AZ
- Avon Lake Safety Center, Avon Lake, OH
- Bay Village City Hall, Bay Village, OH
- Bedford Fire Station, Bedford, OH
- Bedford New Municipal Complex, Bedford, OH
- City of Cleveland, New Police Headquarters, Cleveland, OH
- Cuyahoga County Admin. Headquarters, Cleveland, OH
- Cuyahoga County Port Authority, Cleveland, OH
- Federal Reserve Bank, Cleveland, OH:
  - Entry Steps Replacement
  - Water Heater Tank Replacement
  - East 6th Street Entrance Repair/Replacement
  - Tele-Presence Room
  - Learning Center Restroom
  - Cash Department Renovation
  - Lobby Security/Secure Screening Vesibule
- Perimeter Security
- 6th Floor Tenant Fit-out
- Protection Department Renovations
- Conference Center Space Planning
- Conference Center Space Planning; 9M and 10th Floors
- SDS Department Space Planning Concept
- Cash Portal Renovations
- SCS Modernization Project
- Law Enforcement Unit
- Paying and Receiving Area
- Hydraulic Barriers Upgrade
- Research Department Renovations
- Multi-Year Plan
- General Services Administration (GSA):
  - A.J. Celebrezze Federal Bldg., Cleveland, OH
  - Carl B. Stokes Fed. Courthouse, Cleveland, OH
  - J.P. Kinneary U.S. Courthouse, Columbus, OH
  - J.W. Peck Federal Building, Cincinnati, OH
  - Howard Metzenbaum Federal Bldg., Columbus, OH
  - John W. Bricker Federal Bldg., Columbus, OH
  - Potter Stewart Courthouse, Cincinnati, OH
  - Harry S. Truman Building, Washington, DC
- GCRTA, Cleveland, OH
- Harrison-Taylor 911 Center, Clarksburg, WV
- IRS (Internal Revenue Service), Brooklyn, NY
- Medina County Jail, Medina, OH
- NASA John Glenn Research Center, Cleveland, OH
  - Security Enhancements
  - Warehouse 351 East Addition
  - Warehouse 351 West Addition
  - Intrusion & Institutional Plumbing Repairs
- Parmadale Juvenile Center, Parma, OH
- Russell Township Fire Sta., Russell Township, OH
- West Virginia State Office Building, Clarksburg, WV



## **BRANDON LAWLOR, LEED AP** **project executive**

Brandon joined PCScompanies in 2004 as a Project Estimator/Engineer and today is President of &estimate. He is our Chief Estimator with over 17 years of vast experience in MEP. He has advanced training and strong knowledge base in Architectural, Structural and Civil Engineering. Brandon is the primary contact for all our clients and his responsibilities include all estimating oversight. In addition he provides third party legal opinions as well as project or cost estimating audits and maintains security clearances with the Department of Defense. Brandon has estimated over \$10 Billion of construction projects.

### **Education:**

Bachelor of Science  
Bowling Green State University

### **Registrations:**

LEED Accredited Professional  
Bloodborne Pathogens  
Fire, Safety & Emergency Procedures  
Hazard Communications  
Intro to Electrical Safety - OSHA 29  
CFR1929  
Personal Protective Equipment

### **Memberships:**

American Society of Professional  
Estimators (ASPE)

### **Speaking Engagement Passion:**

Master Planning and benefits of the  
conceptual estimate

### **Relevant Project Experience:**

- Air Force Bases:
    - Lackland AFB, San Antonio TX
    - Little Rock AFB, Jacksonville, AR
    - Randolph AFB, Universal City, TX
    - Vance AFB, Enid, OK
    - Wright Patterson AFB, Dayton, OH
  - Schofield Barracks Army Bases, Oahu, HI
  - Architect of the Capitol, Washington, DC:
    - Library of Congress
    - John Adams Building
    - Thomas Jefferson Building
    - James Madison Memorial Building
    - Capitol Power Plant
  - Avon Lake Safety Center, Avon Lake, OH
  - Bay Village City Hall, Bay Village, OH
  - Bedford Fire Station, Bedford, OH
  - Bedford New Municipal Complex, Bedford, OH
  - City of Cleveland, New Police Headquarters, Cleveland, OH
  - Cuyahoga County Administrative Headquarters, Cleveland, OH
  - Cuyahoga County Juvenile Justice Center, Cleveland, OH
  - Federal Reserve Bank, Cleveland, OH:
    - Entry Steps Replacement
    - Water Heater Tank Replacement
    - East 6th Street Entrance Repair/Replacement
    - Tele-Presence Room
    - Learning Center Restroom
    - Cash Department Renovation
    - Lobby Security/Secure Screening Vesibule
    - Perimeter Security
    - 6th Floor Tenant Fit-out
    - Protection Department Renovations
    - Conference Center Space Planning
    - Conference Center Space Planning; 9M and 10th Floors
  - SDS Department Space Planning Concept
  - Cash Portal Renovations
  - SCS Modernization Project
  - Law Enforcement Unit
  - Paying and Receiving Area
  - Hydraulic Barriers Upgrade
  - Research Department Renovations
  - Multi-Year Plan
- GCRTA, Cleveland, OH
  - General Services Administration (GSA):
    - A.J. Celebrezze Federal Bldg., Cleveland, OH
    - Carl B. Stokes Federal Courthouse, Cleveland, OH
    - J.P. Kinneary U.S. Courthouse, Columbus, OH
    - J.W. Peck Federal Building, Cincinnati, OH
    - Howard M. Metzzenbaum Federal Building, Columbus, OH
    - John W. Bricker Federal Bldg., Columbus, OH
    - Potter Stewart Courthouse, Cincinnati, OH
    - Toledo Public Library, Toledo, OH
    - Toledo Municipal Courthouse, Toledo, OH
    - Harry S. Truman Building, Washington, DC
  - Harrison-Taylor 911 Center, Clarksburg, WV
  - NASA John H. Glenn Research Center, Cleveland, OH
    - Security Enhancements
    - Warehouse 351 East Addition
    - Warehouse 351 West Addition
    - Intrusion & Institutional Plumbing Repairs
  - Parmadale Juvenile Center, Parma, OH
  - Parma Library, Cuyahoga County Public Library System, Parma, OH
  - Ricerca Bioscience Campus Upgrades, Concord, OH
  - Russell Twp. Fire Station, Russell Township, OH
  - Shaker Hts. Fire Station No. 1, Shaker Heights, OH
  - Westlake Recreational Center, Westlake, OH
  - West Virginia State Office Bldg., Clarksburg, WV



**Edgar Rae Interiors, LLC**

Morgantown, WV

# Laura G. Davis

---

Edgar Rae Interiors llc  
2000 Coombs Farm Road, Suite 102  
Morgantown, WV 26508  
304.881.1694  
laura@edgarraeinteriors.com

## Education

Queens University of Charlotte - Charlotte, NC | August 2000 - December 2001 | Business

Harrington College of Design - Chicago, IL | May 2002 - May 2003 | Interior Design

University of Charleston - Charleston, WV | September 2004 - May 2006 | B.A. Interior Design

## Experience

### **INTERIOR DESIGNER | WILLIAMSON SHRIVER ARCHITECTS | 2004-2007**

- Firm's Sole Interior Designer | Used AutoCAD daily to convey creative ideas in drafted format for Principal Architects to communicate said thoughts to our clients | Provided solutions for clients' needs regarding their existing buildings or new construction projects | Worked with team members to meet constant deadlines for large scale commercial projects.
- Area Projects of Note: University H.S. | Morgantown H.S. | Skyview & Mylan Park Elementary Schools

### **INTERIOR DESIGNER | SMITH FLOOR COVERING DISTRIBUTORS | 2007-2010**

- Part of a two-member, in-house design team responsible for providing a unique experience to our company's retailers | Acted as a liaison between clients and installers | Significantly increased our showrooms annual sales through affective communication skills.

### **INTERIOR DESIGNER | EDGAR RAE INTERIORS, LLC | 2010-2018**

Sole Proprietor, Business Owner & Interior Designer | Built my business from scratch | Received a majority of clients through word of mouth | Project Management & Organization | Positive attitude

#### Projects of Note:

Pies & Pints Pizzeria (13 Stores designed in total in West Virginia, Ohio, Kentucky, Alabama)

4 Points by Sheraton- 8 Luxury Condos ranging from 1500sf-2300sf by BBL Carlton Construction -

Ghareeb Dental Group in Charleston, West Virginia

Running Right Leadership Academy & Training Center for Alpha Natural Resources - \$35 million project

Prim Law Firm in Hurricane, West Virginia

Private Office at Jackson Kelly, PLLC law firm in Charleston, West Virginia

14,000sf Private Residence in Berry Hills Country Club neighborhood in Charleston, West Virginia

## Memberships & Hobbies

NCAA Division II Volleyball Team Member at Queens University of Charlotte (Charlotte, North Carolina)

Member of Alpha Delta Pi Sorority at Queens University of Charlotte (Charlotte, North Carolina)

Member of the Greenbrier Sporting Club (White Sulphur Springs, West Virginia) 2009-2016

Mentor to an interior design student at The University of Charleston in Charleston, West Virginia

Love to play golf & all things WVU Sports



**Alpha Natural Resources Training Facility**

Julian, West Virginia



**Coal Mining Training Center & Offices**

- Interior Finishes
- Furniture
- Decor

## Pies & Pints

West Virginia, Alabama, Kentucky, Ohio (Total of 13 Store Locations)

---



- Interior Design Finishes
- Decor

## Condominiums for BBL CARLTON

Charleston, West Virginia

---



Eight Condominiums on the 11th & 12th Floors of the 4Points By Sheraton.

- Six Condos were 2000 S.F. and remaining two were under 1500 S.F.
- Interior Finishes
- Furniture
- Decor per each owners request

**Prim Law Firm**

Hurricane, West Virginia



- Interior Finish Selection
- Exterior Finishes
- Color Consult



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Buckhannon Readiness Center  
Phase II Design**

**WYK's REPEAT CLIENTELE  
REFERENCES**



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## References

WYK Associates, Inc.

---

Geoff Marshall, CHFM, CHC  
(Chief, Flemington VFD)  
Vice-President of Support Services  
United Hospital Center  
327 Medical Park Drive  
Bridgeport, WV 26330  
(681) 342-1220

Eric Vincent, President  
Tyler County Commission  
121 Main Street  
Middlebourne, WV 26149  
(304) 758-2102

James A. Harris  
(Former, County Administrator of Harrison County)  
Executive Director I Health Access, Inc.  
489 Washington Avenue  
Clarksburg, WV 26301  
(304) 622-2708

Dr. Judy P. Byers, Director of Folklife Center  
Fairmont State University  
1201 Locust Avenue  
Fairmont, WV 26554  
(304) 367-4861

Steven Haning  
Diamond Development, LLC  
209 West Pike Street  
Clarksburg, WV 26301  
(304) 622-1562

Dr. Mark Manchin, Superintendent  
Harrison County Schools  
445 West Main Street  
Clarksburg, WV 26330  
(304) 642-3300

Robert Titchenal  
West Virginia Fruit & Berry  
3927 Brushy Fork Road  
Bridgeport, WV 26330  
(304) 842-8945

Ryan Tolley  
Executive Director  
Robinson Grand PAC - City of Clarksburg  
444 West Pike Street  
Clarksburg, WV 26301  
(304) 624-1500

Tom Whaling, President & CEO  
West Union Bank  
320 Emily Drive  
Clarksburg, WV 26301  
(304) 873-2361

Dr. C. Eric Kirkland, Ph. D, PMP  
Executive Vice-President  
Salem International University  
223 West Main Street  
Salem, WV 26426  
(304) 782-5011

Gary W. Nickerson  
Steptoe & Johnson, PLLC  
400 White Oaks Blvd.  
Bridgeport, WV 26330  
(304) 933-8163

Mark Bonamico  
Bonamico Construction  
424 Lawman Avenue  
Bridgeport, WV 26330  
(304) 848-2372

Dr. Jeffrey Browning, DDS  
Total Dental  
1219 Johnson Avenue Suite 201  
Bridgeport, WV 26330  
(304) 842-7591

Richard Roach, Mayor  
Town of Gassaway  
712 Braxton Street  
Gassaway, WV 26624  
(304) 364-5111



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## **WYK Repeat Clientele**

WYK Associates, Inc.

---

Amos Carvelli Funeral Home  
ARC of Harrison County  
Barbour County Board of Education  
Barbour County Commission  
Citizens' National Bank of Elkins  
City Neon  
City of Bridgeport  
City of Clarksburg  
City of Salem  
Corhart Refractories  
Daisy Development  
Diamond Development  
Dominion Exploration and Production  
Fairmont State University  
Fellowship Bible Church  
Greathouse Funeral Home  
Harrison County Board of Education  
Harrison County Bank  
Harrison County Commission  
Harrison County Courthouse  
Harrison County Senior Citizens  
Harrison County YMCA  
Health Access  
Kappa Sigma Pi  
Lewis County Board of Education  
Louis A. Johnson V.A. Medical Center - Clarksburg  
MVB Bank  
North Central West Virginia Airport  
Pocahontas County Commission  
Quiet Dell United Methodist Church  
Stockmeier Urethanes  
Arnett Carbis Toothman, LLP (formerly Toothman & Rice)  
Town of Addison (Webster Springs)  
United Hospital Center  
United Summit Center  
Vienna Public Library  
Webster County EDA  
West Union Bank  
World Vision



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Buckhannon Readiness Center  
Phase II Design**

**TESTIMONIALS**





# CITY OF CLARKSBURG

WEST VIRGINIA

OFFICE OF  
CITY MANAGER

November 7, 2016

James Swiger, President and Principal-In-Charge  
WYK Associates, Inc.  
205 Washington Ave.  
Clarksburg, WV 26301

Re: Letter of Appreciation


Dear James:

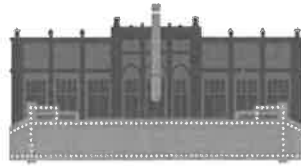
It is with great pleasure that I am writing this letter of recommendation and appreciation for James Swiger and the entire team at WYK Associates, Inc. I have thoroughly enjoyed working with Mr. Swiger and his staff. James and his team are courteous and professional and have been dedicated to even the smallest of details for each project they have completed for the City of Clarksburg. Additionally, they have ensured the projects were always on time.

Over the years, James and the staff at WYK Associates, Inc. have completed multiple projects for the City of Clarksburg including a Police Sub-Station in Laurel Lanes, three (3) Fire Stations in Clarksburg which include the Central Fire Station in downtown, and two (2) sub-stations; the East End and North View Stations, as well as designing the Jackson Square Parking Facility. Jackson Square is used for downtown parking with an outdoor venue utilized for outside events. Everything from farmers' markets, wedding receptions, holiday events and festivals like the West Virginia Italian Heritage Festival's Pasta Cook-Off. I am proud to share that WYK was awarded the AIA West Virginia Merit Award for Achievement in Architecture for this project.

I personally look forward to working with WYK Associates, Inc. again and would highly recommend them to other local governments for use on their projects.

Sincerely,

  
Martin Howe, ICMA-CM  
City Manager



---

## ROBINSON GRAND

PERFORMING ARTS CENTER

---

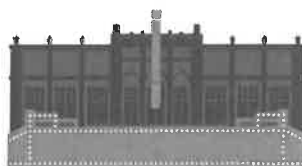
To Whom it May Concern,

The Robinson Grand Performing Arts Center is a historic performance and event facility, with roots dating back to initial construction in 1913. For over 100 years, our facility has provided the North Central West Virginia region with arts and entertainment events, along with facility rentals for social gatherings of all types. Throughout the 1980s, 1990s, and early 2000s, the Robinson Grand experienced a decline in business activity and upkeep, which ultimately led to its permanent closure in 2004.

For many years our regional community and the City of Clarksburg had dreams of how this facility could be renovated, preserved, and functionally brought into the 21<sup>st</sup> century. Those dreams became a reality in 2014, when the City of Clarksburg purchased the facility and partnered with WYK Associates, Inc. in the consulting, planning, and ultimate renovation/construction over the following years.

WYK's outstanding team, under the direction of James Swiger, led our renovation/construction effort through meticulous historical research, numerous site surveys, and a turn-key plan that involved expert consultants. Work began on the facility in early 2017 and was completed by our Grand Opening on October 20, 2018. We have now been in full operation for just over a year and couldn't be more pleased with the outcome of this project.

WYK's scope involved a myriad of aspects and requirements, which provided functionality for the facility, but also allowed our project to receive New Market and Historical tax credits. These items included restoration and preservation of the historical structures, as well as the design of new buildings to seamlessly integrate into our existing facility and complete ADA accessibility. Additionally, mechanical, fire, audio/visual, and automation systems were completely updated. James and his team were here every step of the way, even going above and beyond their contractual obligations to ensure the best design and implementation.



---

## ROBINSON GRAND

✧ PERFORMING ARTS CENTER ✧

---

The Robinson Grand was met with much excitement and awe from the regional community upon completion. In addition, the project has received numerous awards. Most recently it won the following:

- 2019 Preservation Alliance of WV Downtown Preservation Award
- 2019 AIAWV Honor Award for Excellence in Architecture & Historic Preservation
- 2019 AIAWV Craftsmanship Award for Excellence in Architectural Detail & Craftsmanship for the brick sculptures in the new West Addition facade
- 2018 Associated Builders and Contractors, Inc. WV Chapter award for Excellence in Construction for Historical Renovation
- 2019 Outstanding Community Impact Award for The Community Affordable Housing Equity Corp. (CAHEC)

I would highly recommend the services of WYK Associates, Inc. for your next project. They are not only skilled and professional, but also provide a personal service that is hard to find at many larger firms. My contact information is listed on the footer below. Please don't hesitate to reach-out to me directly for further information on our beautiful facility or how WYK played an instrumental role in our re-birth.

Sincerely,

A handwritten signature in black ink that reads "Ryan W. Tolley".

Ryan W. Tolley  
Executive Director  
Robinson Grand Performing Arts Center



131 WEST MAIN ST. • BRIDGEPORT, WEST VIRGINIA 26330-6310  
Phone: (304) 842-8251 • Fax: (304) 842-8254 • [www.bridgeportwv.com](http://www.bridgeportwv.com)  
CHUCK FEATHERS • BRIDGEPORT FIRE DEPARTMENT  
Chief

September 20, 2010

Mr. James B. Swiger  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

Dear Mr. Swiger,

It has been almost a year now since we moved into our new Public Safety Substation and I wanted to take a moment to thank you for all you did in insuring the success of our building. It is more than we expected when we first started this project. Your detail to our requests as we started this project is what has made it such a workable project. You took our words on what we wanted and turned them into a state of the art public safety building that is not just pleasing to the eye but very functional.

Throughout the project as problems rose you were quick to find answers that worked for our needs and decisions evolved around our needs instead of what worked best for others.

Thank you again for all the great work you did for us and the building stands as a tribute to you and your firm for a job well done. If I can be of assistance to you in the future just let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Chuck Feathers", written in a cursive style.

Charles A. Feathers, Chief

Bridgeport Fire Department



## Webster County Economic Development Authority

139 Baker Street • Webster Springs, WV 26288 • Phone: (304) 847-2145  
Email: [wcda@WebsterWV.com](mailto:wcda@WebsterWV.com) • Website: [www.WebsterWV.com](http://www.WebsterWV.com)

February 8, 2016

Mr. James Swiger, President and Principal-In-Charge  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

To Whom It May Concern:

It is my pleasure to recommend WYK Associates, Inc. for your next project. I have had the privilege of working with them on a variety of projects over the last decade. The Information Manufacturing Corporation (I.M.C.) Building in Cowen at our Industrial Park utilizes a geothermal heating and cooling system. The I.M. C Building is a 17,000 S.F. structure with an abundance of daylight in the front office area and houses a spacious open structure work space. This project won a Merit Award in Architecture from the WV Chapter of the American Institute of Architects (WVAIA). The 21,000 S.F. Webster County multi-tenant building was built following completion of the I.M.C. in the same development. The multi-tenant building was designed to accommodate a variety of manufacturing spaces and was uniquely designed to be divided or used as a whole.

Recently we have worked with WYK for the interior renovations to our railroad depot building in Webster Springs and R.V. Park adjacent to the depot. This project is part of a master plan to convert this area into a small commercial/recreation area and possibly a trail head for a local trail system in the near future.

WYK has always been diligent in answering any questions or concerns we might have had. In working with WYK on the depot they worked very hard at designing it to meet our very tight budget constraints. The project was funded by a matching grant and there were no additional monies above and beyond the grant. WYK worked with us to give us the most "bang for the buck" to prepare the depot for its future use as a hub for the adjacent facilities.

We were pleased to work with WYK on these projects and we look forward to working with them again in the future. Please do not hesitate to contact me for additional information or questions.

Sincerely,

A handwritten signature in cursive script that reads "Geary Weir".

Geary Weir  
Executive Director



February 8, 2012

To Whom It May Concern,

The City of Shinnston has worked with WYK Associates, Inc., on a variety of projects and has always been impressed by their level of skill, professionalism and commitment to quality. The staff exhibits an expertise in their field and is attentive and attuned to the community they are working in.

Current projects that WYK Associates, Inc., are assisting the City of Shinnston with include the design and construction of the Shinnston Community Building. This \$5 million building is located at the entrance to the City's historic downtown district and WYK have excelled at designing a building sensitive to its location and history, yet able to carry the City into the twenty first century. From initial stakeholder meetings to design presentations, the team at WYK listened to the community's needs and responded accordingly.

The City of Shinnston is also utilizing the planning and design aspect of WYK Associates, Inc., on the former G.C Murphy building project. This project is a detailed feasibility study to assist the City in deciding whether to purchase the hundred year old property. The WYK team has researched the current condition, reviewed code requirements with regard to future development and developed a plan for the highest and best use of the building.

In 2009, WYK Associates Inc., designed and managed the renovation of the City of Shinnston Museum. The Museum now has excellent display space, coupled with galleries for exhibits, and a spacious meeting area. WYK's ability to design space to serve multiple purposes has meant that the Museum is used for government meetings and receptions as well as traditional preservation uses.

The City of Shinnston has been very pleased to partner with WYK Associates, Inc., on these and other projects. From architects to administrative support personnel, the firm exhibits a high commitment to quality and customer satisfaction.

Yours truly,

A handwritten signature in black ink that reads "Emma Clarke". The signature is written in a cursive, flowing style.

Emma Clarke  
Finance Officer

# UPSHUR COUNTY COMMISSION

Upshur County Administrative Annex  
91 West Main Street, Suite 101 • Buckhannon, West Virginia 26201

Telephone: (304) 472-0535  
Telecopier: (304) 473-2802

TDD Numbers  
Business: 472-9550  
Emergency: 911

March 10, 2017

WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

Re: Upshur County Courthouse Roof and Chimney Projects

To Whom It May Concern:

We recently had the pleasure of working with WYK Associates, Inc. on the roof and chimney restoration for the Upshur County Courthouse in Buckhannon, WV. WYK was instrumental in coordinating with West Virginia's State Historic Preservation Office (SHPO) to ensure the new designs were compatible with the historic character of the building.

For the roof, new metal shingles and flashing replaced existing materials surrounding the bell tower dome and at the front gable. The remaining shingles on the main roof were cleaned and coated with a fibred aluminum coating. For the two chimneys, the existing brick was dismantled and rebuilt from the roof up. Both chimneys were restored to their existing height using similar materials and topped with new stainless steel caps.

WYK brought their experience, knowledge, and professionalism to both projects as they expertly developed the new design, created the construction documents, facilitated the bidding process, and administered the construction contract. WYK's attentiveness and responsiveness contributed to both projects being successfully completed on time and within budget.

The Upshur County Commission is fortunate to have worked with a competent architect such as WYK Associates and looks forward to working with them again.

Sincerely,



Carrie L. Wallace

Upshur County Administrator

*An Equal Opportunity Employer*



400 White Oaks Boulevard  
Bridgeport, WV 26330  
(304) 933-8000 (304) 933-8183 Fax  
www.steptoe-johnson.com

Writer's Contact Information  
  
(304) 933-8163  
Gary.Nickerson@steptoe-johnson.com

March 10, 2016

To Whom It May Concern:

I am presently the managing partner of the Bridgeport, West Virginia, office of Steptoe & Johnson PLLC, a national law firm of over 300 lawyers in six states. S&J has its roots in Harrison County, West Virginia, where it was formed in 1913 in Clarksburg. Our firm maintained its primary office in downtown Clarksburg for almost 100 years.

Recognizing that the facility in Clarksburg could no longer meet the needs of a growing national law firm, in 2008, we made the decision to build a new home office, strategically located in Bridgeport, West Virginia, along the I-79 Corridor. We retained SKB Architects, a firm known worldwide for the design of law firm buildings. Because SKB was not local to this area, both SKB and our firm recognized the critical need to have a local architectural firm be actively involved in the design and construction of the 80000 square foot state-of-the-art office building. Without hesitation, we recommended WYK Associates, Inc. to SKB, having known the architects of this firm and the quality of their work for several decades.

Specifically, from day one, WYK performed oversight of the project, serving as an important liaison between SKB, the S&J's building committee and the construction firm. Initially, WYK Associates, Inc. provided a peer review of SKB's design and construction documents prior to the documents being released to contractors for bidding. With SKB and our firm's building committee, WYK was actively involved in the contractor interview and selection process for the \$16 million building, designed to LEED standards. The assistance of James Swiger of WYK was of critical importance to S&J's selection of a contractor and that selection proved to be outstanding. Moreover, WYK attended all construction meetings with SKB, the firm's executive director, the contractor and sub-contractors throughout the course of the construction period. WYK also served as the "eyes and ears" for SKB, making site visits and reporting back to SKB-- on the "off" weeks that SKB was not present at the site-- as a means of quality control as well as verifying construction conditions for SKB. WYK was active in the job site meetings, offering input and solutions to any construction related issues that arose throughout the course of the construction process. In the end, the project was a resounding success for our firm and we moved into our beautiful, state-of-the-art facility, in August, 2010.

From S&J's standpoint, WYK provided our firm's "safety net" and "comfort zone" throughout the entire process, being a longstanding and respected firm of architects who we have known and trusted for decades. Despite our large size, we had never built our own building, and had leased in all office locations throughout our century of existence. James



March 10, 2016

Page two

Swiger and WYK Associates, Inc. provided a much needed comfort level to our lawyers as well as a level of service and oversight that was of critical importance to the successful completion of the project, on time and on budget. As the office managing member, and as an active member of the S&J building committee, I cannot imagine our law firm completing this beautiful facility without WYK in our corner. Should you have any questions, please feel free to call me.

Very truly yours,



Gary W. Nickerson

GWN

7133013 1

---

# SMS

---



---

**St. Mary's School**  
107 East Pike Street  
Clarksburg, WV 26301  
(304) 622-9831  
[www.stmaryswv.org](http://www.stmaryswv.org)

---

February 5, 2016

To whom it may concern:

I am very pleased to write this letter on behalf of WYK Associates, Inc. of Clarksburg. Our century old school building was in desperate need of additional classroom and office space. We were faced with a sudden increase in enrollment for the upcoming school year for the Pre-Kindergarten class. The Wheeling-Charleston Diocese asked me to contact WYK to explore solutions to utilize the most space within our tight budget and timeframe. The Diocese spoke very highly of WYK as the firm had recently completed a new parish center for our associated church and they also performed other renovations to our school as well as our neighboring Notre Dame High School.

James Swiger and his staff diligently studied our building, exploring every option of gaining Pre-Kindergarten classroom space. Another challenge of the project was the requirement of the Pre-K to be located on the main floor for direct exiting requirements. The ultimate solution was to move the principal's office to the center of the school, utilizing the back of the oversized existing auditorium, under what was once a balcony. This created four new private offices for our administration in addition to a much needed conference room. The old office space was removed, thus expanding the adjacent classroom into that area. This kept the Pre-K on the main floor, made our offices more centrally located and increased visibility and security to all three entrances to the main floor level. They kept insisting they wanted to solve as many design issues within the school as they could while doing this renovation. They did just that!

WYK's staff was very professional, experienced, thorough and timely. They produced a wonderful design that fit within our budget and allowed for minimal disruption to the school. They worked closely with the contractor, which assisted him in completing the work in our shortened summer vacation.

It is without reservation that I highly recommend WYK Associates, Inc. for your project. I can now see why the Diocese asked me to contact WYK to execute this work.

Sincerely,

Nicole A. Folio, M. Ed.  
Principal

*The mission of St. Mary's Central School is to nurture the spirit, challenge the mind, and strengthen the heart of each student who enters her doors. Through the lens of the teachings of the Roman Catholic Church, St. Mary's cultivates a Christ-centered environment in which we nurture our children, families, and community so that we might see the face of Christ in each other.*



1219 Johnson Avenue, Suite 201  
Bridgeport, WV 26330

304-842-7591

---

To whom it may concern:

It is with great pleasure that I am writing this letter of recommendation for James Swiger and the entire WYK team.

When I was starting my building project, I asked several people for recommendations. I spoke with contractors, businessmen, and people who had been through construction projects. Overwhelmingly, the one name that was mentioned was James Swiger.

Every aspect of the project that James was involved with was done with great care and excellence, from the initial design of the building, to coordinating all of the work, and even now that the building is complete. James was and is available to answer my questions and to help in any way that I ask. I honestly cannot remember a single incident that James or a WYK team member was not available. I feel that his knowledge of and rapport with the engineers, contractors, and inspectors was a tremendous asset to the project. His attention to detail would amaze me. It is obvious that he takes great pride in his work. His professionalism and level of commitment is beyond what would be expected. I would visit my construction site every evening after work and on the weekends, and often times James would show up.

Finally, as the saying goes, the proof is in the pudding. The finished product is a thing of beauty. My patients are always commenting about the building. My building is the perfect space for my dental practice as well as the other tenants.

Please feel free to contact me if I can be of further assistance.

Sincerely,

Jeffrey W Browning, DDS



## LEWIS COUNTY SCHOOLS

239 Court Avenue  
Weston, West Virginia 26452  
Telephone (304) 269-8300  
Fax (304) 269-8305

---

**Superintendent**  
Dr. Joseph L. Mace

February 4, 2016

**Board of Education**  
Paul Derico, President  
Debbie Clem  
Sylvia McNeish  
Robert Mitchell  
Michael Monachello

Mr. James Swiger  
President/Principal-In-Charge  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

To Whom It May Concern:

I am writing this letter on behalf of WYK Associates, Inc. and it is my pleasure to recommend Mr. James Swiger and the WYK Associates, Inc. team.

For many years I have worked with the WYK team on multiple projects for Lewis County Schools including the construction of Peterson Central Elementary School and Outdoor Classroom; Roanoke Elementary School; Lewis County High School Bleachers; Lewis County High School Concession Stand; Robert Bland Field House Addition; and security upgrades for the Lewis County Board of Education. Lewis County Schools have greatly benefited from the skills and expertise of WYK Associates, Inc.

James and the team at WYK offer professionalism at its best and I have enjoyed working with them over the years. WYK has always offered sound architectural options while being conscientious of financial constraints. The team at WYK has always been readily available for questions or concerns and has always given Lewis County Schools superior service in a timely manner. Lewis County Schools would welcome the opportunity to work with WYK Associates, Inc. on future projects, and I would strongly recommend them to other School Boards and organizations.

Please do not hesitate to contact me for further information or questions.

Sincerely,

Dr. Joseph Mace, Superintendent  
Lewis County Board of Education



DR. MARK A. MANCHIN  
*Superintendent*

# HARRISON COUNTY SCHOOLS

408 E. B. SAUNDERS WAY  
POST OFFICE BOX 1370  
CLARKSBURG, WEST VIRGINIA 26302-1370  
(304) 326-7300  
FAX (304) 624-3361

**BOARD OF EDUCATION**  
DOUGLAS K. HOGUE, *President*  
FRANK DEVONO, JR. *Vice President*  
MICHAEL DAUGHERTY  
GARY M. HAMRICK  
KRISTIN MESSENGER

August 18, 2015

Mr. James Swiger  
President and Principal-In-Charge  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

To Whom It May Concern:

It is my pleasure to write this letter on behalf of WYK Associates, Inc. and recommend Mr. James Swiger and the WYK Associates, Inc. team.

For over 20 years I have worked with WYK team on numerous projects for Harrison County Schools and they have proven to be a valuable asset to the school district. We have greatly benefitted from the expertise and architectural skill of WYK Associates. James and his team are true professionals and bring important architectural knowledge and outstanding management skills to their projects. James and his team are active supporters of Harrison County and show leadership in our community.

James and the team at WYK have always been conscientious of financial constraints and have always delivered superior service in a timely manner for Harrison County Schools. Harrison County Schools would not hesitate to work with WYK Associates on future projects, and I would recommend them to other organizations without reservation.

Please do not hesitate to contact me for further information or questions.

Sincerely,

A handwritten signature in cursive script that reads "Neil Quinn".

Neil Quinn, Director  
Harrison County Schools



**HARRISON COUNTY YMCA  
Lowndes Hill Park  
P.O. Box 688  
Clarksburg, WV 26302-0688  
304-623-3303**

August 14, 2015

To whom it may concern:

WYK Associates serve their clients with thoughtful planning; creative design; and credible engineering. Their professional skill is underscored by impeccable character and generosity to their community.

Commending WYK Associates to prospective clients comes from personal experience and observation of projects completed for others. Their talent and high standards will serve you well.

Sincerely,

**MX**

D. Max Francis  
Interim Executive Director

August 13, 2015

Mr. James Swiger  
President and Principal-In-Charge  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

Dear James,

I would like to take this opportunity to express our satisfaction with Premier Bank's Flatwoods Branch. I was the Executive Vice President of the Bank of Gassaway when the branch was constructed and all of us at the Bank of Gassaway were well pleased with your design and project management of the branch.

The branch stands out from the other businesses in the area and we regularly are complimented on its appearance. The branch is very functional and it serves our customers well.

Thank you for your excellent work on the project.

***Jim McQuain***  
***Senior Vice President***  
***304-364-5138 ext 1701***  
***[jimmy.mcquain@premierbankinc.com](mailto:jimmy.mcquain@premierbankinc.com)***



July 16, 2015

Mr. James B. Swiger  
President and Principal-In-Charge  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

Dear James,

Please consider this letter my recommendation of you and the staff at WYK Associates based on the projects completed for United Hospital Center. UHC was pleased to work with WYK on a variety of projects at our hospital facilities and we were impressed with your level of skill, professionalism, and commitment to quality. The staff at WYK exhibits a high-level of expertise in their field and was attentive to the needs of the hospital and our objectives.

United Hospital Center hired WYK Associates, Inc. to redesign two existing physician office suites in our multi-tenant facility and the jobs included a complete demolition of the existing offices. In addition to the multi-tenant building, WYK also renovated United Hospital Center's Cardiac Rehabilitation Center, Physical Therapy Suite, and Sleep Center.

I am confident that the work completed by WYK Associates, Inc. at United Hospital Center will be instrumental in better serving our patients and community and we are pleased with the results. I would be happy to recommend WYK and express my pleasure in working with the firm on the various projects at United Hospital Center. I would also welcome the opportunity to work with WYK Associates, Inc. again in the future.

Sincerely,



Geoff Marshall  
VP Support Services



**BOB TRICKETT**

**Cadillac Buick GMC Inc.**

**GMC**



P.O. Box 808, Route 50, East • CLARKSBURG, WEST VIRGINIA 26301 • (304) 624-6594

February 5, 2016

Mr. James Swiger  
President and Principal-In-Charge  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

To whom it may concern:

It is with great pleasure that I am writing this letter of recommendation for James Swiger and the entire WYK Associates, Inc. team.

WYK Associates, Inc, renovated the Bob Trickett Cadillac Buick GMC dealership located on old Bridgeport Hill. Throughout the entire process, WYK was available any time to answer any questions or concerns I had. WYK was able to complete our project on time and adhere to our budget. WYK had an excellent rapport with the project engineers, contractors and inspectors. Our newly renovated building is easily the most attractive building on Old Bridgeport Hill now.

James and the team at WYK are professional and courteous. I would not hesitate to recommend WYK Associates, Inc. to other car dealerships or businesses for their architectural services.

Please contact me for further information or questions.

Sincerely,

Mr. Robert W. Trickett, Owner  
Bob Trickett Cadillac Buick GMC



## **Health Access, Inc.**

489 Washington Avenue • Clarksburg West Virginia 26301  
Phone 304-622-2708 • Fax 304-623-9302 • E-mail [healthac@marrr.com](mailto:healthac@marrr.com) • Web [www.healthaccessinc.org](http://www.healthaccessinc.org)

July 10, 2015

James B. Swiger, AIA, NCARB, LEED AP  
President / Principal  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

RE: Letter of Recommendation

Dear Mr. Swiger:

Health Access, Incorporated first hired WYK Associates, Inc. in 2010 to design, plan and manage a project to completely renovate the medical clinic located at 489 Washington Avenue in Clarksburg, West Virginia. The project had a total cost of over \$350,000.00 and a very tight time frame of ninety days from start to finish. Another very challenging aspect to our project was the need to keep our Pharmacy operational to fill prescriptions during the entire ninety days of construction. From the outset, WYK Associates exhibited great attention to the details of our operation and our specific space and functionality needs within this medical facility and this was an outstanding feature of our relationship with the company. We found your willingness to make changes in the design phase as required by our budget limitations so helpful in bringing forward the very best design that our agency could afford.

Throughout this entire project, your "hands on" approach in managing the project made this experience very rewarding for our agency Board of Directors, Staff and ultimately for our many patients. The contractors that WYK Associates invited to bid on the project were all top of the line in our area and I'm confident that any one of them would have done excellent work, however we were extremely satisfied with the successful bidder; Elkview Builders, Inc.

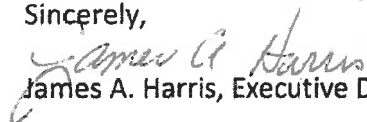
In addition to the major renovation project in 2010, Health Access, Inc. once again engaged the services of WYK Associates, Inc. for a smaller project in 2014. That project involved renovation of a space to install a small employee restroom within the clinical spaces and also the modification of five exam room doors to install sound seals that afford privacy and confidentiality of patient-provider discussions in those areas. Again we were delighted with the process in working with WYK Associates in this project which was completed in a timely manner, within budget and without disruption to the operation of the clinic which remained open during the entire project.

James B. Swiger

Page -2-

Please feel free to use Health Access, Incorporated as a reference to any potential clients seeking Architectural, Planning-Design or Project Management services. We can certainly recommend WYK Associates, Incorporated without reservation as we are a very satisfied customer. Thank you again for your efforts to make this beautiful new home for the free clinic and the hundreds of low income uninsured patients we are privileged to serve.

Sincerely,

  
James A. Harris, Executive Director

James B. Swiger, AIA, NCARB, LEED AP

President/Principal

WYK Associates, Inc.

205 Washington Avenue

Clarksburg, WV 26301

Salem International University has benefited from the expertise, professionalism and friendship of Mr. James Swiger for a number of years. WYK and Mr. Swiger, specifically, have aided the University in planning and execution of renovations. He has helped identify regulations and options as well. He is always mindful of financial constraints and deadlines while delivering quality work products.

He has worked with the community of Salem on a number of efforts sometime as a partner with the University, the Chamber of Commerce and others. Salem International University is pleased to recommend WYK and James Swiger for consideration for any architectural/engineering project that is under consideration. He and his team take pride in their work, and all are conscientious and professional. That reflects on his leadership.

As loyal supporters of the University and the Salem Community, Mr. Swiger and his team are community advocates that we treasure. We would be more than pleased to be contacted if further information is required.



Dan Nelant

President

Salem International University



Keith Bullion

Associate Director of Campus Operations

Salem International University

March 10, 2011

Mr. James B. Swiger, AIA  
President / Principal-In-Charge  
WYK Associates, Inc.  
205 Washington Avenue  
Clarksburg, WV 26301

Dear James:

This letter is in appreciation of all the work WYK Associates has provided to the Pocahontas County Commission and myself over the last year. I have thoroughly enjoyed working with your company and have appreciated the professionalism and dedication you have given our projects.

Due to the historic nature of the Pocahontas County Courthouse I knew there would be surprises in replacing the roof and installing an elevator. WYK was very creative in overcoming these challenges and researching alternatives that would fit within the budget of funds we had to use for this project. I have also enjoyed the consistent and timely communication you provided while I was managing the project for the County Commission. You never failed to respond to a request, and even provided direction when we were at a loss as to how to proceed.

I would highly recommend your company for other projects with local governments or in the private sector.

Thank you again for all your assistance.

*Reta Griffith*

Sincerely,  
Reta Griffith  
Former Commissioner, Pocahontas County (1998-2010)  
RR 1 Box 122A  
Marlinton, WV 24954  
304-799-4523  
[retagriffith@frontiernet.net](mailto:retagriffith@frontiernet.net)

# TOWN OF GASSAWAY

**RICHARD M. ROACH, MAYOR**

**CHERRI WILSON-GERWIG, RECORDER/CLERK**

**RICK A. BURROWS, SR. CHIEF OF POLICE**

**COMMON COUNCIL**

**JIM MALICK**

**FRANCES CLAYTOR**

**JIM CRINER**

**LYNN JEFFRIES**

**EDNA WILSON**

Jordan Garland  
205 Washington Avenue  
Clarksburg, West Virginia 26301

I am writing to recommend the services of WYK Architects'. WYK did an outstanding job on the restoration of the Gassaway Depot. Their knowledge and attention to detail made the restoration of the Gassaway Depot a success. I feel confident in recommending WYK Architect services. Their work was not only thorough but they were also easy to work with, and willing to take the time to discuss any concerns and responses to any questions.

If you have any further questions please feel free to contact me.

Regards,



Richard M. Roach, Mayor

416 ELK STREET, P.O. Box 147  
GASSAWAY, WV 26624  
304-364-5111  
304-364-4003 FAX  
THETOWNOFGASSAWAY@FRONTIER.COM