



**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

RECEIVED  
04/21/21 11:55:25  
WV PURCHASING DIVISION

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

April 16, 2020	Job # 2100000001
ATT: Joseph E. Hager, III, Buyer	
RE: WVSDDB   Renovation and Assessment Projects	

**We Are Sending You**

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Shop Drawings  | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items: |
| <input type="checkbox"/> Copy of Letter | <input type="checkbox"/> Prints              | <input type="checkbox"/> Sketch  |
|   | <input type="checkbox"/> Change Order        | <input type="checkbox"/> Samples   |
|   |  | <input type="checkbox"/> Specifications                                      |
|   |  | <input checked="" type="checkbox"/> via UPS                                  |

Copies	Date	No	Description
1	04/19/20	Hard Copy	Expression of Interest for Renovation & Assessment Projects at the WVSDDB
3		CDs	Solicitation No. CEOI 0403 DBS2100000001 (PDF Print Ready   double-sided)
1			Designated Contact Sheet
1			Addendum Acknowledgement Form

**These Are Transmitted**

as checked below:

- |  |   |   |                             |
|--|---|---|-----------------------------|
| <input type="checkbox"/> For Approval            | <input type="checkbox"/> Furnish as Submitted | <input type="checkbox"/> Resubmittal Not Required         | ___ Copies for Approval     |
| <input checked="" type="checkbox"/> For Your Use | <input type="checkbox"/> Furnish as Corrected | <input type="checkbox"/> Rejected                         | ___ Copies for Distribution |
| <input checked="" type="checkbox"/> As Requested | <input type="checkbox"/> Revise and Resubmit  | <input type="checkbox"/> Resubmit                         | ___ Corrected Prints        |
| <input type="checkbox"/> For Review and Comment  | <input type="checkbox"/> _____                |   |                             |
| <input type="checkbox"/> FOR BIDS DUE _____      |   | <input type="checkbox"/> 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.*

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CEOI DBS21\*01**

**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 checked="" 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 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  
Susan A. Yeh  
\_\_\_\_\_  
Authorized Signature  
4/19/21  
\_\_\_\_\_  
Date

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

**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 Ave., 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 - President  
(Printed Name and Title of Authorized Representative)  
4/16/21  
(Date)  
304-624-6326 / 304-623-9858  
(Phone Number) (Fax Number)

# EXPRESSION OF INTEREST

FOR THE

WEST VIRGINIA SCHOOLS OF THE DEAF AND THE BLIND

## RENOVATION & ASSESSMENT PROJECTS



**WYK ASSOCIATES, INC.**

ARCHITECTURE • PLANNING

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

**ROMNEY, WV**

# WEST VIRGINIA SCHOOLS FOR THE DEAF AND THE BLIND RENOVATION & ASSESSMENT PROJECTS

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WYK's Repeat Clientele / References

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

**West Virginia Schools for the Deaf and the Blind  
Renovation & Assessment Projects**

**LETTER OF INTEREST**



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

**West Virginia Schools for the Deaf and the Blind  
Renovation & Assessment Projects**

**COMPANY OVERVIEW**



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

## Company Information

Identity · Project Philosophy · Project Management

[www.wykarhitects.com](http://www.wykarhitects.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.'s legacy began 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 2012, Mr. James Swiger assumed sole ownership 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.**  
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## 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)

### Project Staff

**James B. Swiger**  
AIA, NCARB, LEED AP BD+C  
President / Principal-in-Charge  
[james@wykarchitects.com](mailto:james@wykarchitects.com)

**Stephen M. Kelley**  
Associate AIA  
Senior Project Manager  
[stephen@wykarchitects.com](mailto:stephen@wykarchitects.com)

**Canon T. Fancher**  
Associate AIA, LEED Green Associate  
Designer / BIM Coordinator  
[cannon@wykarchitects.com](mailto:cannon@wykarchitects.com)

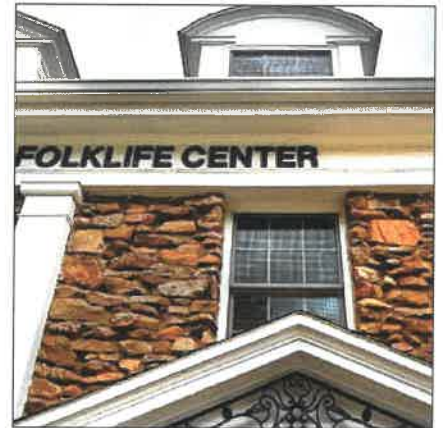
### Summary

Established as a full service architecture firm in 1900, then named Edward J. Wood Architect, WYK Associates, Inc. has been located in Clarksburg for 120 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:

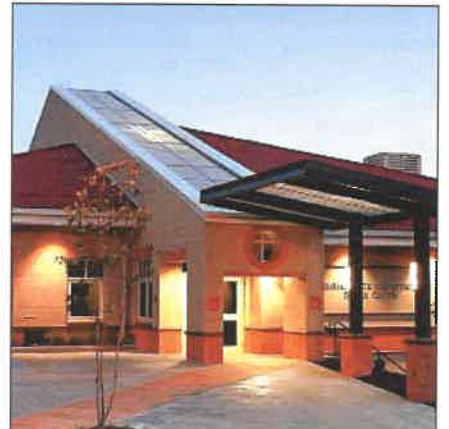
West Virginia Folklife Center,  
Fairmont State University  
Central Fire Station, Clarksburg, WV  
Circleville School,  
Pendleton County, West Virginia  
Harrison Co. Courthouse,  
Clarksburg, WV  
Pocahontas County Courthouse,  
Marlinton, WV  
Barbour County Courthouse,  
Philippi, WV  
Gassaway Depot,  
Gassaway, WV  
Morgantown Depot,  
Morgantown, WV  
Immaculate Conception Parish  
Center, Clarksburg, WV  
Jackson Square, Clarksburg, WV



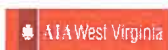
West Virginia Folklife Center



Central Fire Station



Immaculate Conception Parish Center





**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

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.**  
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## Company Information

Identity · Project Philosophy · Project Management

## Awards



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.



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.



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

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



### Robinson 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.



**WYK ASSOCIATES, INC.**  
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## 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.



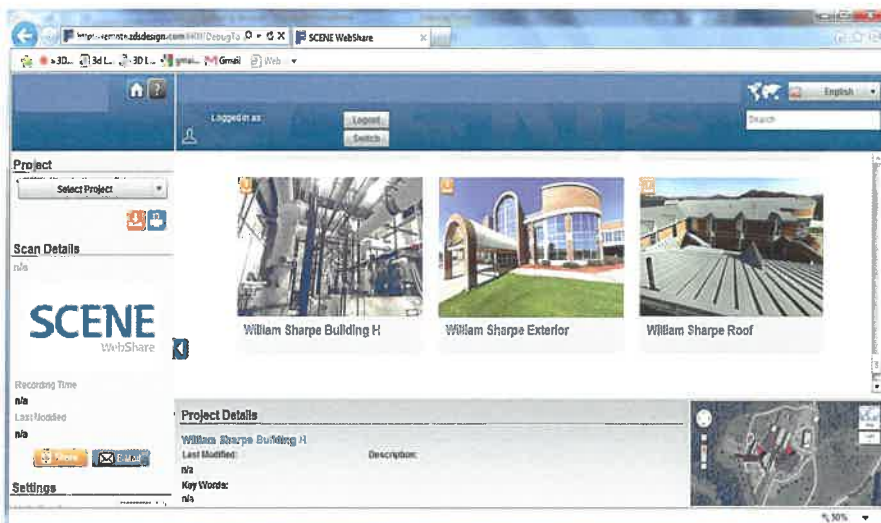
3D Laser Printing



Physical Model Preparation



Shinnston Community Center Physical Model



3D Modeling



3D Laser Scanning



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

## Company Information

120 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.

New Eye Clinic for United Hospital Center	2021
WYK designs "Net Zero" energy Tyler County 911 Center	2020
RGPAC receives two AIA-WV Design Awards	2019
WYK Associates, Inc. signs contract to renovate the Historic Tyler County Courthouse	2019
RGPAC construction complete. Grand Opening!	2018
Construction begins on the RGPAC	2017
Ribbon Cutting Ceremony held for Clarksburg Federal Credit Union	2017
Upshur County Courthouse Roof & Chimney Restoration	2016
WYK Associates, Inc. signs contract to renovate the Robinson Grand Theatre	2015
James B. Swiger becomes sole owner of WYK, now President and Principal-in-Charge	2012
James B. Swiger becomes President	2011
James B. Swiger becomes Partner and Vice President	2008
James B. Swiger returns as Project Architect	2005
James B. Swiger becomes an Architectural Intern at WYK Associates, Inc.	1996
Carleton Wood, Jr. retires; William E. Yoke, Jr. becomes President	1996
Howard Kelley retires	1992
WYK Architects, Inc. becomes WYK Associates, Inc.	1978
Carleton Wood, Jr., William E. Yoke, Jr. and Howard Kelley form WYK Architects, Inc.	1976
Whalen King Architects purchases W.H. Grant's firm	1973
Carleton Wood, Jr. joins Whalen King Architects	1971
William H. Grant, Jr. acquires firm	1956
Carleton Wood, Jr. joins firm as apprentice	1949
Carleton Wood selected to rebuild Robinson Grand Theatre	1939
Carleton Wood designs Clarksburg Fire Station	1927
Firm changes to E.J. Wood and Son Architects as Carleton Wood joins	1921
Edward J. Wood commissioned Marion County Jail	1910
Edward J. Wood starts architectural practice	1900



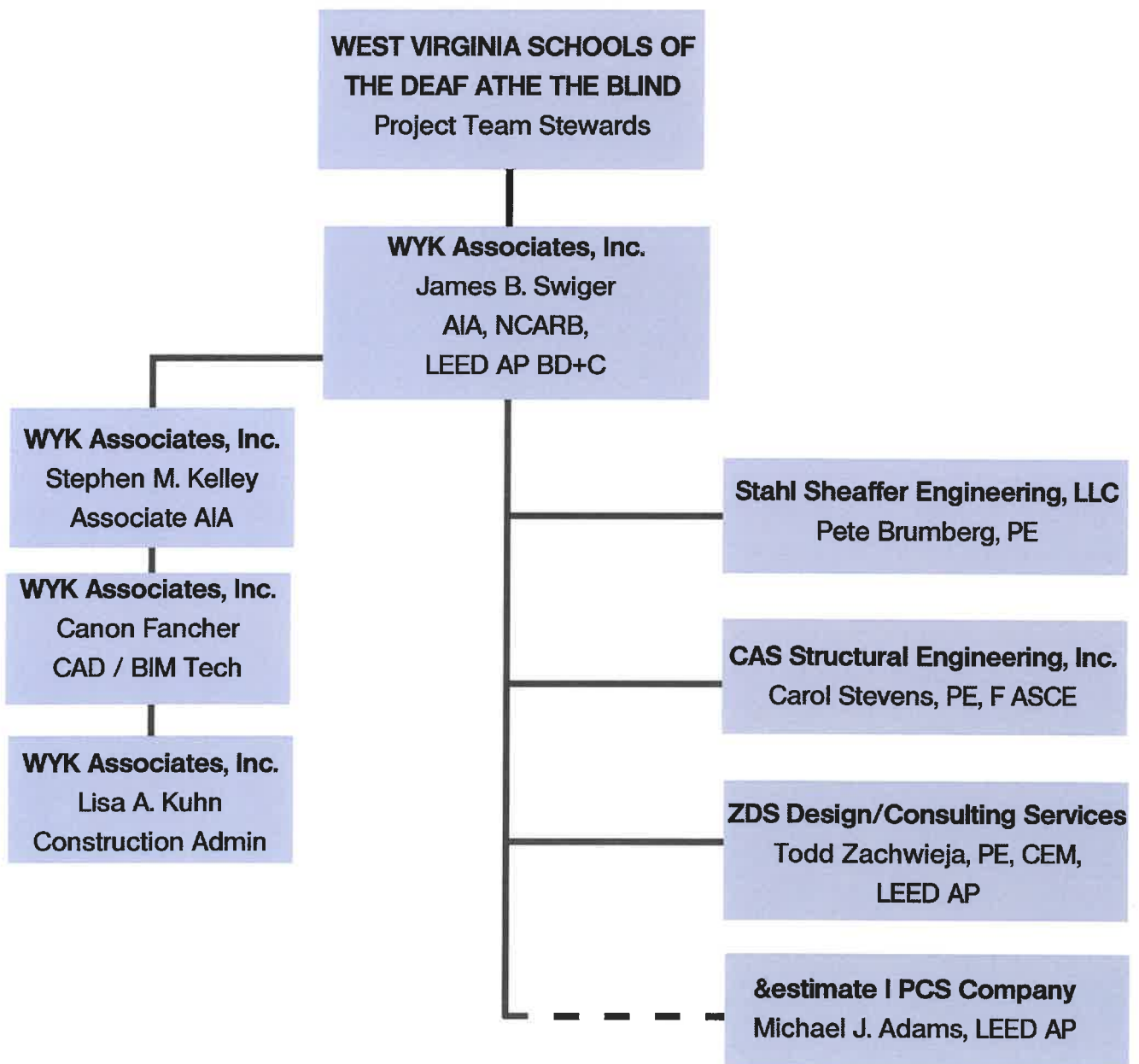
**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**West Virginia Schools for the Deaf and the Blind  
Renovation & Assessment Projects**

**PROJECT TEAM**



**Development Team Organizational Structure**





**WYK ASSOCIATES, INC.**  
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**West Virginia Schools for the Deaf and the Blind  
Renovation & Assessment Projects**

**PROJECTS**





**WYK ASSOCIATES, INC.**  
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**West Virginia Schools for the Deaf and the Blind  
Renovation & Assessment Projects**

**RESUMES**



**WYK ASSOCIATES, INC.**  
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## Team Profiles

### James Swiger

www.wykarchitects.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 Office

304-677-3373 Cell

304-623-9858 Fax

www.wykarchitects.com

james@wykarchitects.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]  
Virginia [REDACTED]  
Pennsylvania [REDACTED]  
Ohio [REDACTED]  
Maryland [REDACTED]  
Kentucky [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; Robison 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

ASHE - Associate Member of National Society for Healthcare Engineering

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



Stephen began his employment at WYK in 2008, after working at a previous firm and serving our country in active duty. He served as Senior Project Manager for the award winning Robinson Grand Performing Arts Center and numerous healthcare projects for United Hospital Center (UHC) and WVU Medicine. Stephen's 20 plus years of experience has ranged from small building additions to multi-million dollar, complex construction projects. Stephen has broad experience in both the private and public sectors of the construction / design industry.

#### EDUCATION

5-Year Bachelor of Architecture, 2000

Philadelphia University

NAAB Accredited University

#### MILITARY EXPERIENCE

US Army Reserves 1994 - 2006

OIF II 2003 - 2005

#### 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

Post Commander 2020 - Present

Quartermaster 2008 - 2020

Department 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.  
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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



The American Institute of Architects



Canon began his career at WYK Associates, Inc. in 2016. His background includes earning a Bachelor's of Science in Architecture with a minor in general business and a Masters in Architecture from Fairmont State University and he 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. Canon also heads up the firm's residential design department, where he has worked on small additions to homes exceeding \$1.5 Million in construction.

Having grown up in north central West Virginia, 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 works 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 working 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 meet the highest standard of production quality.

#### EDUCATION

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

Masters of Architecture - 2020  
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

**West Virginia Schools for the Deaf and the Blind  
Renovation & Assessment Projects**

**CONSULTANTS**



**STAHL SHEAFFER  
ENGINEERING**

**ZDS**  
Design/Consulting Services

**&estimate**  
a PCS company

## Firm Profile



**Stahl Sheaffer Engineering (Stahl Sheaffer)** is a multi-discipline civil/structural engineering firm that has been providing design, inspection, and surveying services since 2006. Stahl Sheaffer specializes in site civil and structural engineering services necessary to support the West Virginia School for the Deaf and Blind (WVSDb) Renovation and Assessment Projects. Stahl Sheaffer was ranked as a top design firm in the ENR Mid-Atlantic Top Design Firms list in 2018, 2019, and 2020. We operate from eight locations in three states, including our Morgantown, WV Office: **250 Lakewood Center, Morgantown, WV 26508.**

We have extensive K-12 experience, including:

- **Triadelphia Middle School, Wheeling, WV** – Annex Parking Lot Design (in progress)
- **Wheeling Park High School, Wheeling, WV** – Civil Engineering (in progress)
- **Woodsdale Elementary School, Wheeling, WV** – Civil Engineering (in progress)
- **Gore Elementary School Renovation, Harrison County, WV** – Civil Engineering (in progress)
- **Young Scholars Charter School of Central PA, State College, PA** – School Facility Site Design, Structural Design, Traffic Impact Analysis
- **Sugar Valley Charter School, Loganton, PA** – School Addition Site & Structural Engineering
- **Middle-West School District, Middleburg, PA** – High School Renovation Survey & Construction Layout
- **State College Area School District, State College, PA** - Renovation of a classroom in the old South Building of the High School, design for installation of a wrestling matt lift system in the High School Gymnasium, and feasibility studies for a new maintenance and vehicle storage building.
- **Selinsgrove Area School District, Selinsgrove, PA:**
  - Harold Bolig Stadium Pressbox Site & Structural Engineering
  - Middle School Exterior Masonry Investigation
  - Middle School Food Service Expansion Site & Structural Engineering
  - Football Field Light Inspection
  - Football Storage Building Permit Approval Drawings
  - Soccer Boosters Concession Stand Site Engineering
  - Softball Dugouts Permit Approval Drawings
- **Mifflinburg Area School District, Mifflinburg, PA** – Safe Routes to School Construction Inspection
- **Williamsport Area School District, Williamsport, PA** – Safe Routes to School Survey, Traffic Study, & Construction Inspection
- **Step by Step School, State College, PA** – Traffic Impact Study
- **Warrior Run School District, Turbotville, PA** - Track and Soccer Stadium Survey and Conceptual Site Planning

Recent innovations, investments, and staff additions in project management, geotechnical engineering, LiDAR scanning, GIS-based asset management, and environmental services have expanded Stahl Sheaffer's geographic reach and capabilities for the education market. Our experience includes generating solutions and managing projects related to all aspects of school / campus engineering, including K-12 and higher education.

## Site/Survey Engineering Services

Stahl Sheaffer provides a broad range of site development services including feasibility analysis, environmental reviews, site design, survey, traffic studies, structural engineering, regulatory permitting, utility coordination, erosion and sedimentation control design, storm water design, and construction inspection. As a representative of our client, Stahl Sheaffer provides a professional approach through all stages of the project delivery process, including planning, design, meetings, and construction oversight. We work closely with local and state agencies to resolve the many issues involved in moving a development process from design through construction. Services include:

- Site feasibility studies
- Environmental review
- Site layout & grading
- Access design and layout
- Storm water management
- Erosion & sediment control plans
- Regulatory coordination
- Land development plans
- NPDES permit applications
- Bridge & culvert design
- Retaining wall design
- Site lighting
- Perimeter fencing & retaining wall design
- Municipal meetings & review preparation
- Utility coordination and relocation



Land development and site engineering services are supported by In-house surveying capabilities, including Professional Land Surveyors and LiDAR technology. And we can provide construction management and inspection services, serving as the point of contact through project close-out.



## Charter School Land Development & Structural Design

**Owner: Young Scholars Charters School**

**Services:**

- Survey
- Land Development Plan Preparation
- Structural Design

Stahl Sheaffer was responsible for the survey and site design for the construction of the Young Scholars Charter School, and subsequent second-story addition and parking expansion projects. Stahl Sheaffer teamed with a local architect to provide land development services, including site layout and grading, parking lot design, stormwater management, erosion and sedimentation control plan, landscaping, site lighting, and buffer yard landscaping designs.

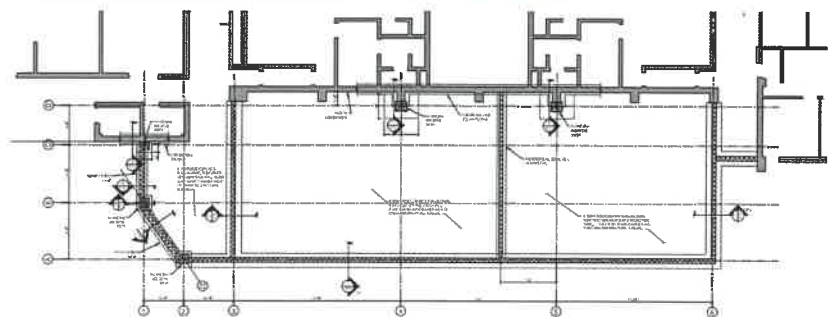


Stahl Sheaffer also led the structural design of three phases of construction for the school. A variety of structural systems were used due to architectural requirements. Phase one included a single-story wing of classrooms and offices, as well as a large gymnasium that doubles as a cafeteria. Portions of the entry and offices consist of CMU bearing walls, while the remainder consists of wood framed bearing walls. These supported prefabricated wood trusses. Foundation consists of strip footings, CMU foundation walls and slab on grade. Phase two included a new wing for classrooms. Stahl Sheaffer designed the structure to support adding a future second story on this wing. Phase three included the design of the second story using wood-framed construction, prefabricated wood trusses, and an elevator. Stahl Sheaffer worked with the project team to provide the structural design of load bearing walls, foundations, lintel and header beams, and a loading summary. A phased development was implemented to allow current operation and future expansion of the charter school.





- **Baseball Batting Cage Structure** – Stahl Sheaffer designed a free-standing structure to provide a roof covering over batting cages to be used by Selinsgrove baseball and softball teams. The project constraints were coordinated with the net support frame and netting to allow the cage to be used without balls impacting the surrounding structure. Detailing was completed to resist code required loading while also reducing the likelihood of damage due to exposure for the wood frame building. Considerations were also made to reduce the likelihood of birds and bees from nesting within the structure.
- **School District Safe Routes to School** – Stahl Sheaffer provided construction inspection and documentation on a PennDOT-administered municipal Safe Routes to School (SRTS) project. Work included sidewalks, curbs and curb ramps, drainage, bituminous paving, pavement markings, and signage, and traffic control devices. Stahl Sheaffer assisted with measurements, computations, schedule review, and submittal reviews and also inspected HMA base and wearing course paving.
- **Intermediate School Settlement Investigation** – Stahl Sheaffer performed a visual assessment of the school to evaluate cracks in the masonry walls and concrete floor slab coverings. A report of findings with recommendations for repairs and next steps were provided.
- **Middle School Food Services Expansion** – Stahl Sheaffer provided land development and structural engineering support for the Selinsgrove Middle School Addition. The expansion consisted of load bearing block with steel framed roof addition for food storage and ancillary support spaces as well as a covered loading dock.



Foundation plan design of proposed addition

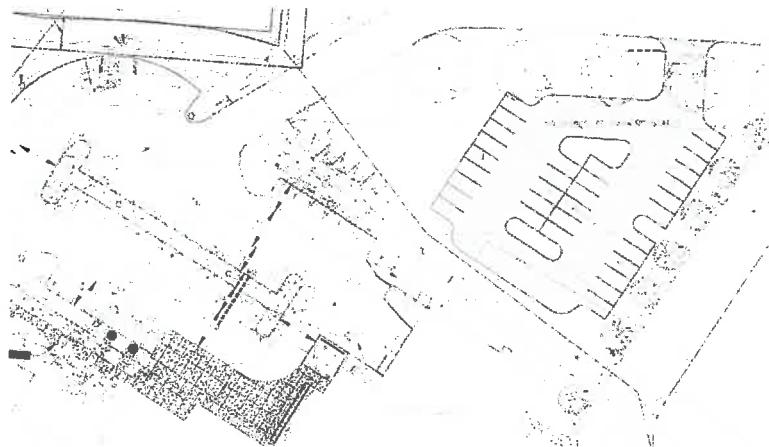
# Additional Projects

## School Renovations

- **Mid-West High School Renovation, Middleburg, PA** – Stahl Sheaffer completed on-site surveying and construction layout for all steel columns, footers, and retaining walls for the high school renovation project.



- **Panorama Building Addition Site Design and Parking Lot Expansion, State College, PA** – Stahl Sheaffer provided site design engineering services for the 2,500sf addition for storage space along with approximately 33 parking spaces for the State College Area School District's Panorama facility. Services included surveying, site engineering, land development submission, and bidding assistance pertaining to the design of the new parking lot. In addition to site layout, the project also involved grading, post-construction stormwater management, and erosion and sediment control requirements.



auditorium, revealing ongoing deterioration that was manifesting in efflorescence, vertical cracks, cracked and displaced mortar joints, damaged soft joints, and exposed reinforcement between brick courses. Performed further investigation of wall conditions by accessing the rooftop to view the conditions behind the top of the wall, determining that the roof level protection was sound and that water was infiltrating the brick façade. Recommended immediate actions to reduce the infiltration and slow the deterioration, to be followed by full scale façade restoration.

- **Selinsgrove Area School District Middle School Food Services Expansion, Selinsgrove, PA** – Provided structural engineering support for the Selinsgrove Middle School expansion that consisted of load bearing block with steel framed roof addition for food storage and ancillary support spaces as well as a covered loading dock.
- **Penn State Penn Building, Altoona, PA** – Structural engineering services for the renovation of a 93-year-old building with a concrete frame structure and two-way span concrete floors utilizing drop panels at the support columns. The project entailed floor plan renovations with new penetrations for mechanical and plumbing systems renovations, relocation of existing walls, new openings in masonry walls, ADA ramps within the building, repair of concrete and steel framing damaged by water infiltration, and the addition of a steel dunnage frame to support new mechanical air handling and energy recovery units on the roof.
- **Penn State McCoy Natatorium HVAC Replacement, University Park, PA** – Completed review of the structure and developed construction documents and documents for L&I permit application. Provided a revised support frame drawing based on updated equipment size, and a construction plan for moving equipment across the roof, including a rigging plan for using the penthouse roof framing to hoist equipment through the louver opening into the penthouse. Also provided a layout of the underground utilities, indicating locations where a crane could safely be placed in the South Parking area.
- **Penn State Pollock Halls Façade Rehabilitation, University Park, PA** – Stahl Sheaffer assessed the facades of nine residence halls in the Pollock Halls complex to identify and implement repairs needed to stabilize and preserve the integrity of the building envelopes until the buildings are renovated. The buildings were assessed using high lift equipment and including roof-level and ground-level features. Stahl Sheaffer developed a list of deficiencies and assigned a rating to each and prepared a cost estimate based on unit cost and quantities recorded during the assessment. Typical deficiencies included points of water infiltration, deteriorated mortar joints, masonry spalls and failures, concrete spalls and failures, and sealant joint deterioration. Stahl Sheaffer also identified emergency repairs that needed to be addressed immediately and created details for those repairs.
- **Selinsgrove Area School District Intermediate School Settlement Investigation, Selinsgrove, PA** – Project manager for visual assessment of the school to evaluate cracks in the masonry walls and concrete floor slab coverings. A report of findings with recommendations for repairs and next steps was provided.
- **Ardrey Kell High School Structural Design, Charlotte, NC\*** – Structural design for a two-story steel framed and masonry wall classroom building featuring a gymnasium and auditorium, and amenities for the adjacent football field including foundation design for bleacher seating, design of pressbox structure, restroom building, concessions building, and ticket booths.

*(\*) indicates projects completed with a previous employer.*

entry porte cochere was designed using pre-engineered wood to frame the canopy roof and a structural steel tube support structure.

- **Courtyard Marriott Hotel, Hershey, PA** – Code-based design of a new 80,000 square foot four-story hotel. The structure consists of 6" load bearing cold formed steel studs and steel framing supporting 8" precast hollow-core floor planks. The stacked steel stud walls also served as the lateral force resistance system.
- **Pennsylvania Turnpike Blue Mountain & Kittatinny Mountain Tunnels** – Visual and non-destructive testing and inspection of the Blue Mountain and Kittatinny Mountain Tunnels along the Turnpike mainline. Inspected underside of the overhead concrete plenum and tiled side walls. Identified areas of concrete delamination and spalls and missing or damaged tile, and quantified deficiencies for inclusion in final inspection report.
- **The Pennsylvania State University, Commonwealth Campus Fall Protection** – Engineering design and detail of fall protection systems throughout the University's Commonwealth Campus System. Each project under this initiative includes field scoping and evaluation of existing conditions and the design of fall protection systems, including handrails, ladders, and platforms.
- **The Pennsylvania State University, Indoor Tennis Center Scoreboard, University Park, PA** – Structural engineer for scoreboard feasibility study, determining the needs and desires of the users as it pertains to a new scoreboard for the indoor tennis center, and determining requirements to install including power distribution, structural support, functionality and aesthetics.
- **Juniata College Ellis Hall, Huntingdon, PA** – Structural engineer for a two-story steel framed addition with an elevator to the entry of Ellis Hall. This facility houses several cafés, dining hall, ballroom, bookstore, broadcasting center, police department, student organizations, and various other student centers and departments. The structural framing laterally braced the addition by tying into the existing steel framing of Ellis Hall as well as steel moment frames. The second project was a three-story steel framed addition with a new elevator and basement level. The addition consisted of composite metal floor deck and laterally braced frames to allow the addition to stand independent of the existing structure. The third structure is a two-story entry addition to the Brumbaugh Academic Center. The new steel framing and composite metal floor deck was constructed to match the existing curved radius of the existing building facade and incorporates new full height glass storefronts and a second level balcony and seating area.
- **Juniata College Good Hall, Huntingdon, PA** – Structural Engineer for the code-based design of three-story, steel framed entry addition for Good Hall, including below grade basement level and full height elevator. Good Hall contains more than 30 classrooms, two computer facilities (including a Mac lab), the business department's case study room, the audio/visual department, and three instructional laboratories. It contains some of the college's most advanced classrooms with computerized overhead displays, surround sound speaker systems, and videoconferencing technology. Foundations were designed and analyzed to address concerns with expansive soils identified at site. The addition included composite concrete deck over steel framing. Due to large window openings and limited clearance for traditional steel cross bracing, custom truss style lateral braces were designed to distribute and resist lateral loading. The existing structure was wood stud framed; the addition was designed as an independent structure.

(\*) indicates projects completed with a previous employer.

remodeling the running track to extend out into the new building spaces. Varying structural systems were used for each addition to integrate with the architectural layouts including masonry shear walls, tube steel braced frames, and steel moment frames with hollow tube columns that are exposed to view in the final structure.

- **City of Pittsburgh Department of Public Works Fire Station Interior Remodel, Pittsburgh, PA** – Project Engineer and detailer in coordination with the Architect-of-Record as a subconsultant for the current interior remodeling of several fire stations in Pittsburgh, and an addition to Fire Station #19. Services include structural evaluations, review for new HVAC support and general details for ADA upgrades as needed, assistance for stair design implementation at project sites as required, and design and detailing for building additions.
- **American Electric Power – Transmission Group Headquarters, New Albany, OH\*** – Structural engineer for the 195,000 square foot office building for the headquarters of the AEP transmission group. At the heart of the building is a soaring, four-story atrium with bridges and a full height monumental stair that crisscross the space visually connecting the two separate wings of the office. The two wings were connected with the use of a post-installed pour strip to control differential lateral deflection in lieu of an expansion joint, reducing the overall cost and additional detailing/materials required to accommodate the separation of the buildings.
- **500 West Broad “Gravity” Mixed Use Retail/Residential Building, Columbus, OH\*** –Lead structural engineer for the analysis and detailing of the five-story wood framed residential portion of the building to be supported by a post-tensioned concrete podium below. The 272,000 square foot 240-unit residential portion includes two rooftop assembly spaces and a 5 story “living wall”.
- **Memorial Hospital Inpatient Pavilion, Marysville, OH\*** – Project Engineer and detailer in coordination with the Engineer-of-Record for the design of a new 4-story hospital addition that adds 36 new multi-purpose patient rooms. The layout of the new addition was integrated with the footprint of the existing building for a smooth visual transition. The foundations of the addition were carefully designed to avoid conflicting with the existing structure and underground utilities. Responsibilities included design and detailing of structural layouts, gravity and lateral load resisting systems, foundations, as well as coordination with other disciplines.

*(\*) indicates projects completed with a previous employer.*

- **Lebanon VA Medical Center, Lebanon County, PA** – Civil Engineer for the site and civil engineering for the design and permitting of the new 16,000 SF behavioral health and primary care building. Site survey has been completed, and this project is currently in progress.
- **Blue Course Medical Center, State College, PA\*** – Managed site engineering associated with a 50,000sf medical office building, including grading, utilities, access driveway and parking lot, site lighting, and landscaping. Project site included 6.67 acres and a total of 249 parking stalls.
- **Fulton County Medical Center, McConnellsburg, PA\*** – Project Manager. Managed master planning for the expansion of the medical center campus and site engineering for Phase 1 – the Center for Advanced Medicine. Phase 1 included a 69,500 SF, two-story medical office building, relocation of the main access to the hospital, a new patient drop-off, a pharmacy drive-thru, additional site parking, and relocation of the helipad. Site design services included site layout and grading, stormwater management, landscape, lighting, utility coordination, erosion and sediment control, permit applications, and approval coordination. Est. Construction Cost: \$20 million.
- **Warriors Mark Township Engineer, Huntingdon County, PA\*** – Responsible for the review of all plan submissions for conformance with subdivision and land development, stormwater management and floodplain ordinances, including coordination with other Township staff (Solicitor, Secretary, Zoning Officer, Sewage Enforcement Officer, etc.) and county, state, and local regulatory agencies. Also responsible for inspection and acceptance of public improvements including stormwater management facilities and public streets.
- **Sheetz Distribution Center Expansion, Blair County, PA\*** – Managed site engineering and permitting for a 37,000sf dry storage and a 47,500sf freezer addition to the existing distribution facility. Site related services including grading, truck access, utility coordination, erosion and sediment control, stormwater management, and regulatory approval coordination. In addition to the current expansion the site and stormwater management facilities were designed to accommodate an additional 70,000 sf of future building expansion.

*(\*) indicates projects completed with a previous employer.*



# **CAS Structural Engineering, Inc.**

Alum Creek, WV

*STRUCTURAL*



## 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)

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COMMERCIAL, GOVERNMENTAL AND INDUSTRIAL STRUCTURAL DESIGN, ANALYSIS AND RESTORATION  
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## 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.



## MAN K-8 ADDITION

Man, West Virginia



Addition consisted of four new classrooms and a multi-purpose room with additional ancillary space to serve the facility.

Exterior façade was required to match existing brick façade, with all window, door and roof treatments matching as well.



Interior corridor floor coverings, wall and ceiling treatment matched the existing to make the addition appear as though it has always been part of the facility.



Project Architect: Chapman Technical Group, Ltd.  
Project Structural Engineer: CAS Structural Engineering, Inc.



St. Albans, West Virginia  
Alum Creek, West Virginia

## 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



# 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.



# 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, Preston 911 Center:** Structural design of new 6200 SF 911 call center and office of emergency services.

**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, Pocahontas Wellness and Community Center:** Designed foundations for pre-engineered metal building and conventional framing for entrance to new facility.

**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.

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WV VA KY OH MD PA



**ZDS Design / Consulting Services**

St. Albans, WV

*MECHANICAL, ELECTRICAL & PLUMBING*

## General Information

**ZDS** Design/Consulting Services was founded in 1994 and is located at 135 Corporate Center Drive, Suite 532, Scott Depot, WV 25560. The contact person for **ZDS** is Todd Zachwieja, Principal/CEO; Telephone: 304-755-0075; Fax: 304-755-0076; Mobile: 304-545-4550; Email: [Todd.Zachwieja@ZDSDesign.com](mailto:Todd.Zachwieja@ZDSDesign.com) Website: [www.ZDSDesign.com](http://www.ZDSDesign.com). Legal name: ZDS Limited Liability Company dba **ZDS** Design/Consulting Services.

**ZDS** provides comprehensive design and Commissioning services for schools. We also have experience in indoor air quality and energy management, along with traditional mechanical and electrical design experience dating back as far as 1958. We have over six decades of experience in West Virginia, giving us the local understanding of your needs. Our professionals are dedicated to performing quality services taking into account our clients' needs and schedules.



## CLIENTS & EXPERIENCE

- ◆ Kanawha County Schools: (County-Wide)
- ◆ Calhoun County Schools
- ◆ Clay County Schools
- ◆ Grant County Schools
- ◆ Greenbrier County Schools: 8 Projects
- ◆ Hardy County Schools
- ◆ Harrison County Schools
- ◆ Jackson County Schools
- ◆ Lewis County Schools
- ◆ Logan County Schools
- ◆ Marion County Schools
- ◆ McDowell Co Schools: 16 Projects
- ◆ Mercer County Schools: 12 Projects
- ◆ Mingo County Schools
- ◆ Monroe County Schools
- ◆ Ohio County Schools
- ◆ Pendleton County Schools
- ◆ Pocahontas County Schools
- ◆ Putnam County Schools
- ◆ Raleigh County Schools: 37 Projects
- ◆ Randolph County Schools: 11 Projects
- ◆ Ritchie County Schools: 6 Projects
- ◆ Summers County Schools
- ◆ Upshur County Schools
- ◆ Taylor County Schools
- ◆ Tucker County Schools: 17 Projects
- ◆ Tyler County Schools
- ◆ Webster County Schools: 20 Projects
- ◆ Wirt County Schools
- ◆ Wyoming County Schools: 2 Schools
- ◆ State of Maryland,  
Allegany County: 4 Schools

**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.





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## K-12 Project Experience

Ben Franklin Career Center HVAC/Roof Renovations -

***EPAct Qualified***

Davis-Thomas Elementary/MS HVAC Renovations

Elkins Middle School HVAC/Electrical Renovations -

***Energy Star Certified***

Glade Elementary/Middle School HVAC Renovations -

***Energy Star Certified***

Greenbrier West High School Additions & Renovations -

***EPAct Qualified***

James Monroe High School Gym HVAC Renovations

Jane Lew Elementary School Additions & Renovations -

***EPAct Qualified***

Montcalm High School Boiler Renovations

New Iaeger/Panther Elementary School MEP -

***Energy Star Certified***

New Shady Spring Middle School MEP

New Southside K-8 School -

***EPAct Qualified***

New Trap Hill Middle School MEP

North Fork Elementary School HVAC/Roof Renovations

North Marion High School HVAC Renovations

Park Middle School HVAC Renovations -

***EPAct Qualified***

Pendleton County MS/HS HVAC Roof Renovations -

***EPAct Qualified***

Piedmont Elementary School HVAC Renovations -

***EPAct Qualified***

Princeton High School HVAC Renovations

Princeton Middle School HVAC Renovations -

***Energy Star Certified***

Ritchie County MS/HS HVAC/Plumbing Renovations

Riverside High School HVAC/Lighting Renovations

Sophia Soak Elementary School HVAC Renovations

South Charleston Middle School HVAC Renovations

South Charleston High School Renovations

Tyler Consolidated Middle/High School HVAC

Renovations - ***EPAct Qualified***

Webster County High School Renovations

Webster Springs Elem. HVAC Renovations -

***Energy Star Certified***

Winfield High School HVAC Renovations

Woodrow Wilson High School HVAC/Electrical

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## Kanawha County Schools Ben Franklin Career Center HVAC/Roof Renovations



**ZDS** conducted an extensive study and performed 3D Scan-to-BIM of the facility that was utilized to develop comprehensive existing conditions and to assist KCS with procuring SBA funds. The work was done in two (2) phases for replacement of the aging HVAC equipment, ductwork and piping and includes electrical upgrades to accommodate the new equipment, new lighting throughout, roof replacement and new exterior overhead doors for the shops.

**ZDS** provided, Design, Bidding, Construction Administration and Commissioning services. Work designed and phased so construction could occur while school in use.

**ZDS** included Faculty/Staff specific current HVAC, Electrical needs and Future IT Expansions in the Design. Includes specialized custom energy-efficient HVAC to meet the challenging comfort and Indoor Air Quality needs for the Welding, Machine, Wood, Sheetmetal, HVAC, Diesel and Heavy Equipment Shops and school. EAct qualified energy efficient design provides excellent long-term operating savings.

The project qualified for EAct for energy efficient HVAC design while **using over 27.3% less energy for HVAC** and over **60% less energy for Lighting** than schools designed using ASHRAE 90.1-2007.

**Construction Costs:** \$9,651,722 with SBA Funding \$6,992,759

**School Size:** 78,050 square feet

**Contact:** Chuck Smith, Executive Director: (304) 348-6148

Charles Wilson, AIA, (Retired): (304) 533-6149



## Piedmont Elementary School HVAC Renovations

**ZDS** performed MEP design, 3D Scan-to-BIM, bidding and CA services for the replacement of an existing custom multizone unit, associated DDC controls and refurbished other HVAC units that had failed and were in need of constant maintenance/repairs. The work included necessary electrical modifications to serve the new rooftop unit. Project was completed within the budget allocated by the County.

The project qualified for EAct for energy efficient design while **using over 27% less energy for HVAC** than schools designed using ASHRAE 90.1-2007.

**Project Costs:** \$352,090, Project under budget!

**School Size:** 31,500 square feet

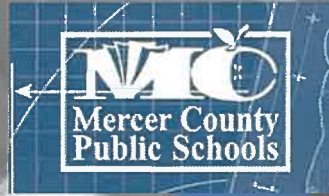
**Contact:** Chuck Smith, Executive Director: (304) 348-6148

Charles Wilson, AIA, (Retired): (304) 533-6149



**Design/Consulting Services**

# Mercer County Schools Princeton Middle School HVAC Renovations



HVAC, electrical system and lighting upgrades to improve Indoor Air Quality addressing current codes, improve energy efficiency and comfort. Provide DDC controls and outdoor ventilation with energy recovery dramatically reducing indoor CO2 levels for a better learning environment. Providing air conditioning for classrooms, cafeteria, kitchen, Auditorium and administrative offices. Project included an electrical service upgrade to accommodate the added HVAC loads. **ZDS** performed 3D Scan-to-BIM for reliable and accurate 3D capture of "built" conditions to use in design, bidding and construction and remote communication.



**Construction Costs:** \$3,265,000, SBA funding \$1,000,000

**Date Completed:** 2018 (on time and on budget), **School Size:** 103,847 square feet

**Contact:** Ms. Leslie Wellman, Director of Purchasing: (304) 487-1551, [llwellman@k12.wv.us](mailto:llwellman@k12.wv.us)

## Princeton Senior High School Renovations



**New Boiler**



**Chiller & Air Handling Unit  
Renovations**



**Mechanical Room**

HVAC upgrades to central air handling equipment, new boilers, chiller replacement and a phase approach to upgrade major portions of the school. The initial phase of work was completed in 2012 and the design prepared for future renovations.

**Contact:** Ms. Leslie Wellman,  
Director of Purchasing:  
(304) 487-1551  
[llwellman@k12.wv.us](mailto:llwellman@k12.wv.us)



**Construction Costs:** \$1,786,000

**Date Completed:** 2012



**Design/Consulting Services**

# Webster County Schools

## Webster Springs Elementary School – HVAC Renovations



**ZDS** designed and installed a system that integrated both a closed-loop and open-loop geothermal system. This was the first system of its type installed, according to the State Department. **ZDS** helped establish a procedure to minimize the risk of cross contamination with the aquifers as part of this project and also improved the Indoor Air Quality through increased ventilation, improved filtration and the use of ultraviolet lights that reduce the risk of mold growth and airborne germs. **ZDS** also helped Webster County Schools to obtain funding for the project from the State's School Building Authority (SBA).

*The engineering design and construction administration proved so successful that the Environmental Protection Agency (EPA) awarded Webster Springs Elementary School with an Energy Star® certification, making the school one of the most energy efficient in the nation.*



1st Place 2014 ASHRAE Technology Award

**Construction Costs:** \$1,430,000; SBA Funds \$1,300,000; over a 50% reduction in HVAC operating costs  
**Contact:** Scott Cochran, Superintendent: (304) 847-5638, ext. 113, [scochran@k12.wv.us](mailto:scochran@k12.wv.us)

# Ritchie County Schools

## Smithville Elementary Additions/Renovations

Developed the initial MEP plan and phasing strategy and provided HVAC, plumbing, electrical, and fire protection engineering services and related work for an 8,515 square-foot addition and comprehensive renovations of the existing school. The new HVAC system for the school meets current ASHRAE 62 and West Virginia Department of Education, Policy 6200 requirements. The HVAC system was through packaged roof mounted VAV air handling units. **ZDS** designed comprehensive DDC controls with remote monitoring, humidity and CO<sub>2</sub> controls including DDC centralized monitoring. The facility also qualified for EAct for energy efficient lighting using over 50% less energy. *The project was completed under budget and ahead of schedule while allowing for additional county needs to be included into the project.*



**Construction Costs:** \$3,754,900; SBA Funds \$4,379,162  
***Project under budget!***

**School Size:** 17,729 square feet

**Contact:** Mr. David Weekly, Dir. Student Support Services:  
(304) 643-2991, ext. 223



Design/Consulting Services

# References



Charles Wilson,  
Retired Executive Director of Facilities Operation  
**Kanawha County Schools**  
(304) 533-6149  
[charleswilsonplanning@gmail.com](mailto:charleswilsonplanning@gmail.com)

David Weekley,  
Director of Student Support Services  
**Ritchie County Schools**  
(304) 643-2991 ext. 223  
[dbweekle@k12.wv.us](mailto:dbweekle@k12.wv.us)

Amanda Kimble,  
Director of Child Nutrition and Support Services  
**Tyler County Schools**  
(304) 758-2145, [akimble@k12.wv.us](mailto:akimble@k12.wv.us)  
\*for renovations to Tyler Consolidated Middle/High School\*

David Sneed,  
Retired Executive Director  
**WV School Building Authority**  
(304) 545-5843  
\*Involved with dozens of MEP projects in West Virginia since 1980's while he worked for Kanawha County Schools and while at the School Building Authority\*

Leslie Wellman, Director of Purchasing  
**Mercer County Schools**  
(304) 487-1551, [lwellman@k12.wv.us](mailto:lwellman@k12.wv.us)  
\*for many projects including Princeton Middle School\*

Gary Boyd,  
Director of Facility Services  
**University of Charleston**  
(304) 357-4871, [garyboyd@ucwv.edu](mailto:garyboyd@ucwv.edu)  
\*Worked on projects at both West Virginia University and University of Charleston since 1990's\*

Mike Pickens, Retired Executive Director  
**WV Department of Education**  
(304) 400-9993  
\*Involved with dozens of MEP projects in West Virginia since the 1990's\*

Racine Thompson,  
Retired Assistant Superintendent  
**Raleigh County Schools**  
(304) 222-3907  
\*Responsible for construction projects since the 1990's until he retired involving dozens of projects with ZDS\*

Brad Smith, Director of Finance  
**Randolph County Schools**  
(304) 636-9150, ext. 155, [brrsmith@k12.wv.us](mailto:brrsmith@k12.wv.us)

## 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



# 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

Past 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



## K-12 EXPERIENCE

- Kanawha County Schools, County-Wide
- Woodrow Wilson High School
- Mercer County Technical Center
- Smithville Elementary School
- Ritchie County Middle/High School
- Pocahontas Co. Community Center
- Pleasant Hill Elementary School
- Paul Blazer High School
- New leager Elementary School, **Energy Star Certified**
- Park Middle School
- Princeton High School
- Lashmeet/Matoaka School
- Montcalm High School
- South Charleston Middle School
- Spanishburg Elementary School
- Greenbrier West High School
- Greenbrier East High School
- Elkins Middle School, **Energy Star Certified**
- Davis-Thomas Elem./Middle School
- Jane Lew Elementary School
- Princeton Middle School, **Energy Star Certified**
- Tyler Consolidated Middle/High School
- Glenwood K-8 School
- Sacred Heart Pavilion
- Tucker County Career Center
- Glade Elementary School
- Glade Middle School, **Energy Star Certified**
- Kimball Elementary School
- Andrew Jackson Middle School
- Riverside High School
- Dozens of other K-12 Schools
- Historical Renovation Projects



**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,

A handwritten signature in blue ink that reads "Michael E. Pickens". The signature is written in a cursive style with a large initial "M".

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 / PLANNING*

# COST ESTIMATING SERVICES

One of our greatest strengths is estimating. &estimate has developed over \$30 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.

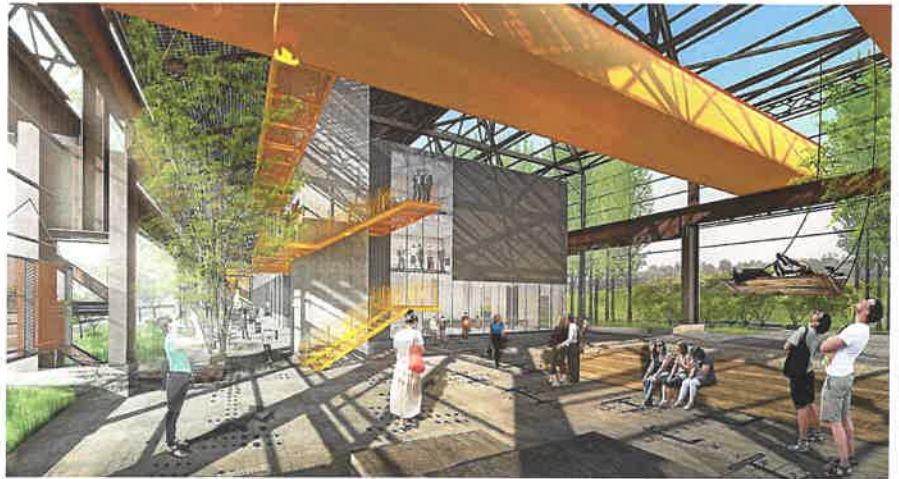
Accurate and well-defined cost estimates are critical to the success of every project. Our estimators specialize in providing accurate construction cost estimates from the initial programming phase through the detailed design and construction phases. Our estimating procedures are developed to ensure 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.

**&estimate**  
a PCS company

## Office Location

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



## What We Will Do For You

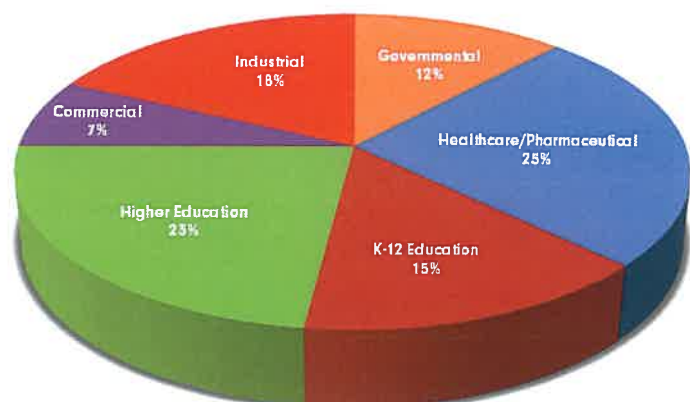
&estimate offers construction consulting services from your idea moment through completion when the owner is handed the keys. For over 30 years, our clients have depended on us to provide the equilibrium between the owner's budget and the design.

### 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





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

Mike leveraged his hands-on maintenance and repair experience with HVAC systems, air handlers, pumps, boilers and refrigeration equipment, 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, maintains security clearances through the Department of Defense, and is responsible for the oversight of all mechanical, electrical and technology system estimates.

### 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:

- ACO Polymer Products New Headquarters, Mentor, OH
- ADM Facility, Marshall, MN
- AgriProtein Expansion, Jurupa Valley, CA
- Azko Nobel, Columbus, OH
- Alkermes Biologics Facility, Wilmington, OH
- Almono Mill 19, Pittsburgh, PA
- Aprecia Pharmaceuticals, Blue Ash, OH
- Avantor Facilities, Paris KY
- Avery Denison, Painesville, OH
- BASF Facility, Brighton, CO
- Bendix Commercial Vehicle Systems, New R&D Headquarters, Avon, OH
- Blue Buffalo, Joplin, MO
- Buffalo Trace Distillery, Frankfort, KY
- Catalent Pharma Solutions, Cincinnati, OH
- CertainTeed Facility, Moundsville, WV
- City of Cleveland, Cleveland, Ohio
  - New Police Headquarters
  - Public Auditorium & Conference Center
  - City Hall Water Infiltrations
  - Willard Parking Garage Improvements
- Cleveland Clinic, Various Locations, OH
- Coors-Miller Facility, Golden, CO
- Cuyahoga Community College, Cleveland, OH
- Emery Oleo, Cincinnati, OH
- Givaudan, Cincinnati, OH
- Givaudan, Carol Stream, IL
- Givaudan, Florence, KY
- GSA, General Services Administration:
  - Architect of the Capitol - Library of Congress
  - Harry S. Truman Building, Washington, DC
  - A.J. Celebrezze Federal Building, Cleveland, OH
- Haemonetics, Clinton, PA
- HEB Manufacturing, San Antonio, TX
- Hikma Pharmaceutical Building Expansion, Columbus, OH
- Kellogg, Battle Creek, MI
- Lubrizol, Wickliffe, OH
- Little Caesar's Global Resource Center, Detroit, MI
- Merck Campus Consolidation, Rahway, NJ
- MetroHealth Medical Center, Various Locations, OH
- Michigan State University, Facility for Rare Isotope Beams (FRIB), Lansing, MI
- Millennium Pharmaceutical Headquarters, Boston, MA
- Millipore Sigma, Cincinnati, OH
- NASA John H. Glenn Research Center, Cleveland, OH
  - Aerospace Communications Facility
  - Centralized Office Building 162
  - New Shipping Facility
  - Research Support Building
  - Security Enhancements
  - Warehouse 351 East & West Additions
  - Intrusion/Institutional Plumbing Repairs
- Northcoast Research, Cleveland, OH
- Oatey Company Corporate Headquarters, Cleveland, OH
- P&G, Tablers Station, WV
- Pilot Chemical, Houston, TX
- Piramal Pharma Expansion, Lexington, KY
- Pantex Nuclear Disposal Facility, Amarillo, TX
- Project Red Squirrel, Andover, MA
- Sirus Chemistry Facility, Cincinnati, OH
- Spooky Nook Sports, Hamilton, OH
  - Sports Complex - Mill 1
  - Hotel & Convention Center - Mill 2
- T. Marzetti Salad Dressing Plant, Horse Cave, KY
- TRT Mott, Quincy, MS
- University Hospitals, Various Locations, OH
- USPS, Central Distribution Centers:
- Xellia Pharmaceuticals, Bedford, OH



## 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



# SELECT PROJECTS ACROSS THE US

- 
- ADM Facilities:
    - Decatur, IL
    - Marshall, MN
  - AgriProtein Expansion, Jurupa Valley, CA
  - Alkermes Biologics Facility, Wilmington, OH
  - Almono Mill 19, Pittsburgh, PA
  - Aprecia Pharmaceuticals, Blue Ash, OH
  - Arc Abrasives, Troy, OH
  - Architect of the Capitol, Library of Congress, Washington, DC
  - Arnot-Ogden Medical Center, Elmira, NY
  - Asheville Civic Center, Asheville, NC
  - Atlas Theatre, Cheyenne, WY
  - Avantor Facilities, Paris, KY
  - Avery Dennison, Painesville, OH
  - Bardavon Theatre, Poughkeepsie, NY
  - BASF Facilities:
    - Brighton, CO
    - Lancaster, PA
    - Newark, NJ
    - Ames, IA
  - Blue Buffalo, Joplin, MO
  - Catalent Pharma, Winchester, KY
  - Carnegie Mellon University, Pittsburgh, PA
  - CertainTeed Facility, Moundsville, WV
  - Clemens Center Stagehouse, Elmira, NY
  - Confidential Client, Project Red Squirrel, Andover, MA
  - Corning-Diesel, Elmira, NY
  - Coors-Miller Facility, Golden, CO
  - Dixie Center for the Arts, Ruston, LA
  - Emery Oleo, Cincinnati, OH
  - Fox Fullerton Theatre, Fullerton, CA
  - Gerald R. Ford Presidential Library HVAC Upgrades, Ann Arbor, MI
  - Givaudan:
    - Carol Stream, IL
    - Cincinnati, OH
    - Florence, KY
  - Haemonetics, Clinton, PA
  - HEB Foods, San Antonio, TX
  - Hikma Pharmaceutical, Bedford, OH
  - Kellogg's, Battle Creek, MI
  - Little Caesar's New Headquarters, Detroit, MI
  - Lyric Theatre, Birmingham, AL
  - Merck Campus Consolidation Master Plan, Rahway, NJ
  - Muskogee Little Theatre, Muskogee, OK
  - Michigan State University and Department of Energy, Facility for Rare Isotope Beams (FRIB), East Lansing, MI
  - Millennium Pharmaceutical Headquarters, Boston, MA
  - Millipore Sigma, Cincinnati, OH
  - Northwestern University Women's College Performing Arts, Evanston, IL
  - Orpheum Theatre, Phoenix, AZ
  - P&G, Tablers Station, WV
  - Patuxent River Naval Air Museum & Visitor Center, Lexington Park, MD
  - Peoria Performing Arts Center, Peoria, AZ
  - Pilot Chemical:
    - Houston, TX
    - Newark, NJ
  - Piramal-Pharma, Lexington, KY
  - Ricerca Biosciences, Proposed New Headquarters, Painesville, OH
  - Sirrus Chemistry, Cincinnati, OH
  - T. Marzetti, Horse Cave, KY
  - Tampa Theatre, Tampa Bay, FL
  - TRIMott, Quincy, MA
  - University of Akron - Red Cross Building, Akron, OH
  - University of California, Berkeley, Berkeley, CA
  - University of Nevada, Reno, NV
  - United States Air Force Bases:
    - Lackland AFB, San Antonio, TX
    - Little Rock AFB, Jacksonville, AR
    - Luke AFB, Maricopa County, AZ
    - Pittsburgh AFB, Pittsburgh, PA
    - Randolph AFB, Universal City, TX
    - Vance AFB, Enid, OK
    - Wright Patterson AFB, Dayton, OH
  - United States Postal Services:
    - Pittsburgh, PA
    - Las Vegas, NV
    - San Antonio, TX
  - Veteran's Administration
    - Albuquerque, NM
    - Big Springs, TX
    - Cleveland, OH
    - Dayton, OH
    - Erie, PA
    - Phoenix, AZ
    - Tuscon, AZ
  - West Virginia State Office Building, Clarksburg, WV
  - White Tank Mountains Library, Waddell, AZ
  - Yorktown Victory Center Museum, Yorktown, VA
  - Xelia Pharmaceutical, Bedford, OH

*\*The states on the map in blue indicate the location of past estimating projects.*



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

**West Virginia Schools for the Deaf and the Blind  
Renovation & Assessment Projects**

**WYK's REPEAT CLIENTELE  
REFERENCES**



**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

## References

WYK Associates, Inc.

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Ryan Tolley  
Executive Director  
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Clarksburg, WV 26301  
304-624-1500

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

Martin Howe, ICMA - CM  
(Former, City Manager - Clarksburg, WV)  
President - Community Development Corporation - MVB Bank  
51 Donahue Avenue, Suite 115  
Morgantown, WV 26505  
304-292-9350

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

Dr. Judy P. Byers  
Director of Folklife Center  
Fairmont State University  
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Fairmont, WV 26554  
304-367-4861

Brad Leslie  
Chief Engineer  
WV Department of Natural Resources  
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S Charleston, WV 25303  
304-558-2764

Robert Titchenal  
West Virginia Fruit & Berry  
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Northwestern Mutual  
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Tom Whaling  
President & CEO  
West Union Bank  
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304-873-2361

Dr. Jeffrey Browning, DDS  
Total Dental  
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Executive Director  
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Reta Griffith  
(Former, Pocahontas County Commissioner)  
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Executive Vice-President  
Salem International University  
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Geoff Marshall, CHFM, CHC  
Vice-President of Support Services  
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Gary W. Nickerson  
Steptoe & Johnson, PLLC  
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Bridgeport, WV 26330  
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Beau Henderson  
President, City Construction Company  
284 Factory Street  
Clarksburg, WV 26301  
304-623-2573



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

**West Virginia Schools for the Deaf and the Blind  
Renovation & Assessment Projects**

**TESTIMONIALS**



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.



OFFICE OF  
CITY MANAGER

## CITY OF CLARKSBURG

WEST VIRGINIA

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:

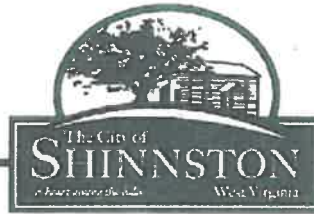
It is with great pleasure that I am writing this letter of recommendation and appreciation for James Swiger and the entire team at WYK Associates, Inc. I have thoroughly enjoyed working with Mr. Swiger and his staff. James and his team are courteous and professional and have been dedicated to even the 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



**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,

Emma Clarke  
Finance Officer



**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.

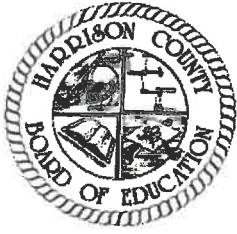
Thank you again for all the great work you did for us and the building stands as a tribute to you and your firm for a job well done. If I can be of assistance to you in the future just let me know.

Sincerely,

A handwritten signature in black ink that reads "Charles A. Feathers".

**Charles A. Feathers, Chief**

**Bridgeport Fire Department**



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 blue ink that reads "Neil Quinn".

Neil Quinn, Director  
Harrison County Schools



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

Writer's Contact Information  
  
(304) 933-8163  
Gary.Nickerson@steptoeh-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





**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

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



## **Health Access, Inc.**

489 Washington Avenue • Clarksburg, West Virginia 26301

Phone 304-622-2708 • Fax 304-623-9302 • E-mail [healthac@ma rr.com](mailto:healthac@ma rr.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, 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



## 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