



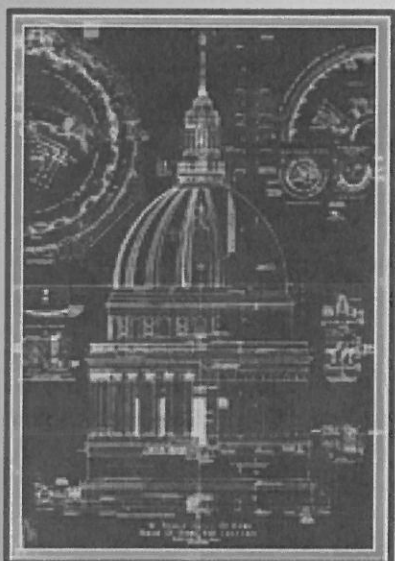
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ARCHITECTURE • PLANNING

EXPRESSION OF INTEREST

WYK Associates, Inc.

West Virginia Purchasing Division

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Architectural/ Engineering Services

for

**WV Surplus Property
Design Services
GSD 146409**

Requested by:

**Department of
Administration
West Virginia General
Services Division**

Department of Administration
Purchasing Division
ATTN Krista S. Ferrell
2019 Washington Street, East
Charleston, WV 25305

September 11, 2013
1:30 P.M.

WYK Associates, Inc.
205 Washington Avenue
Clarksburg, WV 26301
p. 304-624-6326
f. 304-623-9858

www.wykharchitects.com
wyk@wykharchitects.com

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WV PURCHASING
DIVISION





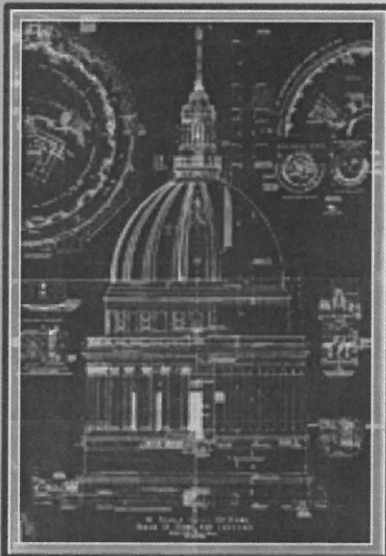
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ARCHITECTURE • PLANNING

EXPRESSION OF INTEREST

WYK Associates, Inc.

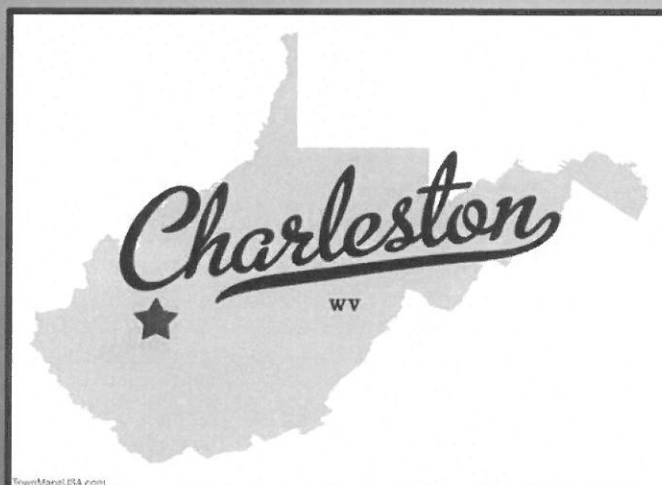
West Virginia Purchasing Division

Surplus Property Public Sales



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**S
P**



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wyk@wykarchitects.com



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Table of Contents

WV Surplus Property Design Services

- I. LETTER OF INTEREST / PURCHASING AFFIDAVIT / ADDENDUM
ACKNOWLEDGEMENT**
- II. COMPANY OVERVIEW / PUBLICATION**
- III. OUR APPROACH TO YOUR PROJECT**
- IV. PROJECT TEAM**
- V. RESUMES**
- VI. CONSULTANTS**
 - i. CIVIL ENGINEERING**
Terradon Corporation
 - ii. STRUCTURAL ENGINEERING**
CAS Structural Engineering, Inc.
 - iii. HVAC / ELECTRICAL / PLUMBING**
ZDS Design/Consulting ON THE BOARDS
- VII. PROJECTS**
- VIII. ON THE BOARDS**
- IX. WYK's REPEAT CLIENTELE**
- X. REFERENCES**
- XI. TESTIMONIALS**



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Letter of Interest

WV Surplus Property Design Services



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

September 10, 2013

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

Re: RFQ No. GSD 146409

Dear Ms. Ferrell:

WYK Associates, Inc. wishes to express our very strong interest in providing architectural and engineering services for the West Virginia Surplus Property design. WYK Associates, Inc. accepts and understands that any and all work produced as a result of the contract will become property of the Agency and can be used or shared by the Agency as deemed appropriate provided the Architect's and Consultant's title blocks are removed.

Our team's experience includes work on a wide variety of building types and projects of varying scope and complexity. Examples of these are included in the submittal. WYK Associates, Inc. and its predecessors have provided architectural services in West Virginia since 1907, and we believe that our knowledge and expertise with multi facility projects, and strong project team make our firm a sound choice to provide the design services for this endeavor. WYK has provided architectural services for numerous parking lot enhancements and paving projects, in particular with the Harrison County Board of Education. We have also worked on a number of phased projects, keeping the existing facilities in operation throughout major construction projects.

Our design team takes pride in producing complete, accurate construction documents, and we typically get a very good bid response from area contractors. One of the reasons for our success has been the inclusion of the Owner as an integral part of the project team from initial planning through the entire project. The Owner's goals, objectives and available funds are reviewed and considered at every stage of the project so that we do not lose sight of them as the primary guide to the success of the project.

The principals noted in our Team Organization Chart will be the individuals with whom the Owner will work. We feel that the involvement of these principals throughout the course of the project allows us to provide our most complete level of service. We have demonstrated that service on a variety of projects of various programs and budgets.

Thank you for your consideration, we would be happy to work with you and your agency for this duty. Please let us know if you have any questions or need any additional information.

Respectfully Submitted,

James B. Swiger, AIA, NCARB, LEED AP
President
WYK Associates, Inc.

205 Washington Avenue
Clarksburg, WV 26301
p. 304.624.6326
f. 304.623.9858

wykarchitects.com

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: 1

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

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

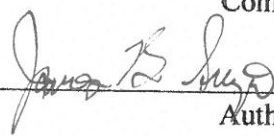
Addendum Numbers Received:

(Check the box next to each addendum received)

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

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that 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


 Authorized Signature

9/10/13
 Date

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

Revised 6/8/2012

RFQ No. GSD146409STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:Vendor's Name: WYK Associates, Inc.Authorized Signature: [Signature] Date: 9/10/13State of West VirginiaCounty of Harrison, to-wit:Taken, subscribed, and sworn to before me this 10th day of September, 2013My Commission expires January 21, 2013

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature: Lisa A. Kuhn]

Purchasing Affidavit (Revised 07/01/2012)





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Company Overview
WYK Associates, Inc.



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

James B. Swiger, AIA, NCARB, LEED AP
President



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. Carleton Wood, Jr. was a third generation architect. His 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. Our archives are filled with a century's worth of historic work.
- Mr. James Swiger, AIA, president of the firm, assumed that role at the beginning of 2011. He has been with WYK since 2005.
- Mr. William Yoke, Jr. retired at the end of 2011 but is still involved with consulting and quality assessment / quality control.

Our Project Philosophy:

- **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:

- 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 insure 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.

WYK Strives to Design More than Just Buildings & Spaces, We Strive to Design SOLUTIONS For YOUR Needs.

FINE DINING

CMS Architecture

With designs around the world, founder Chris Smith brings his love of food and cooking to the architecture world; and has created a niche in the architectural industry.

NEOCLASSICAL

John Laffey

Neoclassical design meets the high-end residential market of Long Island's East End, resulting in the area's most breathtaking homes.

TECH-SAVVY

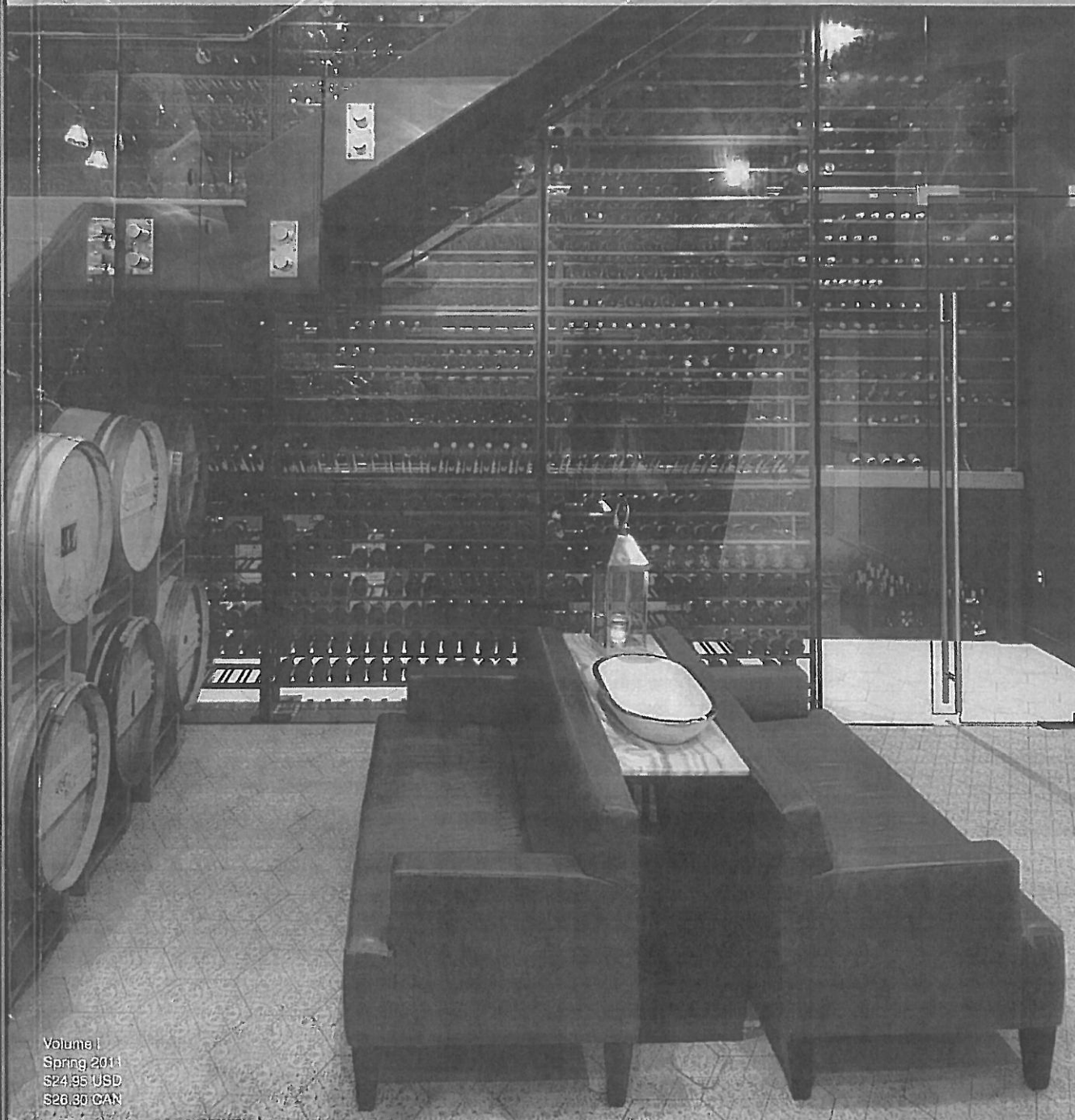
GMK Architecture

Bridging technology with the beauty of the great outdoors, this firm is focused on "bringing down the curtain" between the architect and the client.

ARCHITECTURE LEADERS TODAY

THE MAGAZINE FOR CAPTAINS OF INDUSTRY

www.architectureleaderstoday.com



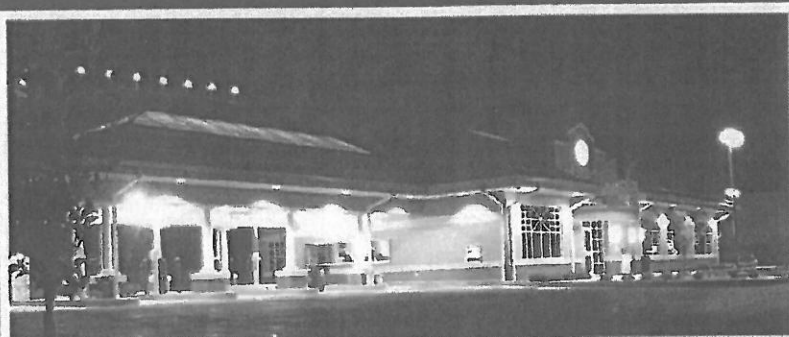
Volume I
Spring 2011
\$24.95 USD
\$26.30 CAN

ARCHITECTURE



WYK ASSOCIATES

designing buildings that fit peoples' needs



by Joan Tupponce

"Our company's roots date back to the early 1900s," said James Swiger, president of WYK Associates. "We have over 100 years of drawings in our files and archives."

With a century's experience under its belt, it's natural for a firm to have dozens of stand-out projects to showcase. Front and in WYK's history is the West Pike Street government parking facility in Clarksburg, W.V. The project won a 2007 Merit Award from the West Virginia AIA. Now a Clarksburg hub, the multi-use pavilion hosts a variety of events, from farmers markets to weddings and private parties.

"This block within the historic district of downtown had fallen to years of blight and neglect," Swiger said. "We teamed with local architect Ralph Pedersen, for his extensive demolition and historical experience. We tore down everything but two corner buildings on the block."

Prior to demolition, the State Historic Preservation Office undertook a historical study and review of this building. The new project added underground utilities and a storm water management system.

Topping the upper level of a two-tier parking facility, WYK added a translucent-paneled "band shell."

"We designed the facility in a way that the railings can be removed on the center portion to use it as a stage for public events," Swiger said.

In efforts to preserve the historic district, WYK created an inconspicuous facility design, complimentary to adjacent properties. "We used brick and limestone so it blended," he said. "We also used stamped asphalt paving to create a brick pattern in the driving aisles."

During WYK's design phase, the firm helped the city see the project as more than just a parking garage. "As discussions went further it was determined it would be more useable to create a town square atmosphere," Swiger said. "It worked very nicely."

The Christie-Cutlip Office Complex, in the prestigious Charles Pointe Development off Interstate 79's technology corridor, offers another spotlight on the company's design expertise.

THIS SPREAD: Bank at Gasaway. Natural day light at the drive-thru canopy provides same level of detail to vehicular users as walk-up customers inside the building. The lobby of the bank features a unique brick penny cylinder.

Architectural Digest Today 87

THIS SPREAD: West Pike Street Parking Facility. This facility was recently named Jackson Square in honor of Stonewall Jackson, whose birthplace was located directly behind it. The structure serves multiple functions and fits in nicely with the historic fabric of downtown.

"This two-story, 12,500 sq. ft. office complex, completed in 2007, was one of Charles Pointe Development's first erected buildings. Prominent along the skyline, the complex is highly visible from the Harrison-Marion Airport and Route 279 connector to the airport. "The client wanted a building that was timeless in character, something that would endure with quality materials and design," Swiger said. WYK's durable designs incorporated large glass expanses around the arched entrance.

"We wrapped the building with two bands of brick detailing, using different colors and patterns," Swiger said. "Inside, we used glass blocks in the stairwell to create visual interest and allow natural daylight to come into the space."

The firm also designed a clock tower for the building, to add to its prominence. "It also functions to provide the time for everyone in the development," Swiger said.

Charles Pointe's complex includes many green elements, such as large overhangs to provide shade in summer and to harness the sun's warmth in winter. All offices in the building have operable windows for natural ventilation.

"We used high-efficiency lighting throughout the project," Swiger said. "The ceilings had high acoustic values to prevent sound transfer from one office to another."

Dark-tinted windows were used to reduce solar heat gain during the summer and to create privacy from the outside. "It also made the detail of the window stand out more by having a dark glass," Swiger said, noting that the given

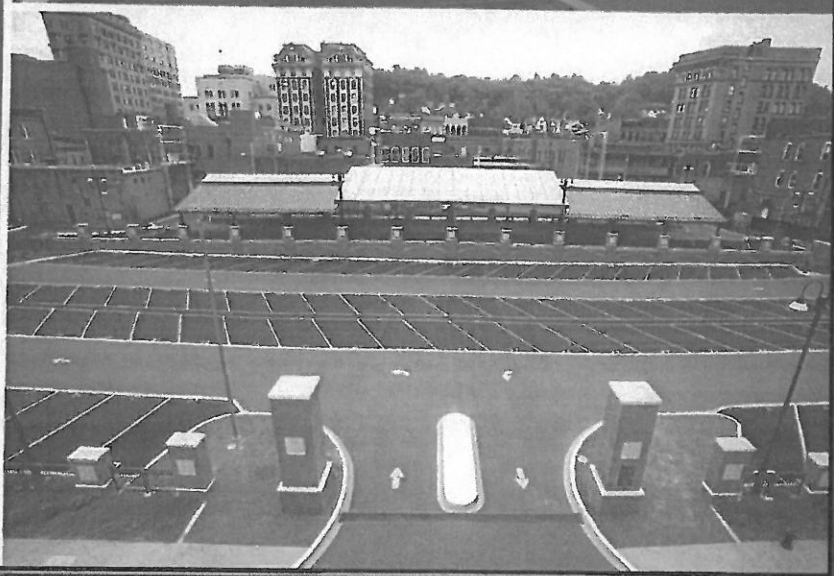
CONTRACTING ENGINEERING CONSULTANTS

CEC congratulates James Swiger and WYK Associates on their achievements. The WYK and CEC team enjoys an ongoing working relationship. CEC is a structural and miscellaneous AISC steel fabricator using a state-of-the-art 3-D modeling system and CNC automated fabrication equipment. They provide quality, on-time sequenced deliveries throughout the eastern states. For more information on CEC, please visit www.cecsteel.com

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Belden Brick, a nationally recognized leader in brick manufacturing since 1885, is proud to offer an extensive line of face brick and clay brick pavers. Belden's products are long-lasting because of their durable nature and fade-resistant color. They deliver a permanence that remains unmatched by any other building material. Belden products have an outstanding reputation for performing well under the most demanding of climates and conditions. Belden has a product that is sure to add beauty and elegance to any style of architecture. With hundreds of colors, sizes and textures to choose from, you won't have to compromise aesthetics for durability.

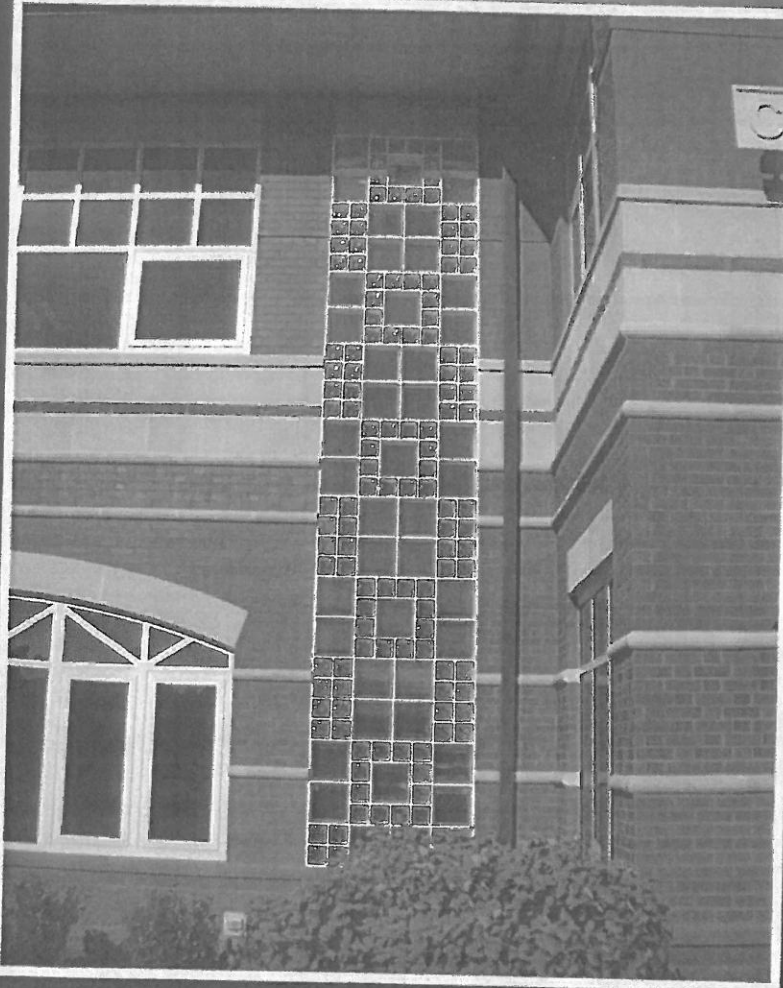
EE Spring 2011





We designed the facility in a way that the railings can be removed on the center portion so it can be used as a stage for public events.

SOUTH ARCHITECTURE



140 School Drive

Our company's roots date back to the early 1900s. We have over 100 years of drawings in our files and archives.

design also carried over to the parking lot. "The light fixtures shine straight down on the parking surface so they don't allow light pollution." When it came to complex's flooring, WYK utilized terrazzo tile with 70 percent recycled content. The building's design also included two outdoor decks on the second floor and a path off the ground level.

"It was a fun project to work on," he said. "The owners really wanted to do things right. We spent special attention to detail."

Not all projects are easy from the start. Swiger recalls the challenges faced in designing a new branch of The Bank of Gasaway, the bank had to be built on a commercial strip, highly visible from I-79, including a McDonald's, an antique mall and a car dealership.

"They needed a building that would stand out within the context of the commercial strip," Swiger said. "They wanted a very unique building that would be identifiable as a bank during day and night."

Since many of the strip's buildings were metal or painted brick, WYK designed an attractive brick facade for The Bank of Gasaway. "It was

a nice use of materials and colors," Swiger said. "There are a couple historic towns a few miles away, so we pulled some details from those and put them into the building."

WYK used different colors of brick and stone in the project and installed large translucent skylights over the drive-thru and in the lobby. "We were trying to make a strong connection with the vehicle and the building," Swiger said. "We created natural light in the drive thru so it doesn't feel closed in."

The design also included a very distinct entry "cylinder" that gives the impression of strength and security from the exterior. The light-flooded lobby is centered on axis with the vault. "When you walk in, the first thing you see is the vault," Swiger said. "It makes a statement of permanence and security. We wanted to play up the presence of the vault."

WYK also utilized green features in The Bank of Gasaway project, including a high-valued insulation on roof and walls, long overhangs, carpeting and floor finishes with recycled material and paperless drywall to reduce mold. The firm also used high-efficiency lighting through-

out the building with dimmable switching in each office. "We used high-reflective acoustic ceiling tile that reflects light off the ceiling," Swiger said. "It also reduces the chance of glare. It's a more comfortable lighting."

Beyond design specifics, the firm surmounted the site's size challenges. "It's a tight site," Swiger said. "We wanted to allow room for landscaping and to have some tie-in to the setting. I think we were able to do that by making a very efficient floor plan."

In the end, WYK satisfied its client's desire to stand out along its commercial strip. Over The Bank of Gasaway's main entrance, WYK added a clock, harkening to the banks of yesteryear. "The clock can be seen from the interstate," Swiger said. *ALT*

THIS PAGE: The Christie Circle Building. An assemblage of traditional materials are detailed to reflect the rich architectural heritage of the region. The project features intricate brickwork and beautiful glassblock.

Photos courtesy of WYK Associates

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THE BELDEN BRICK COMPANY

Belden

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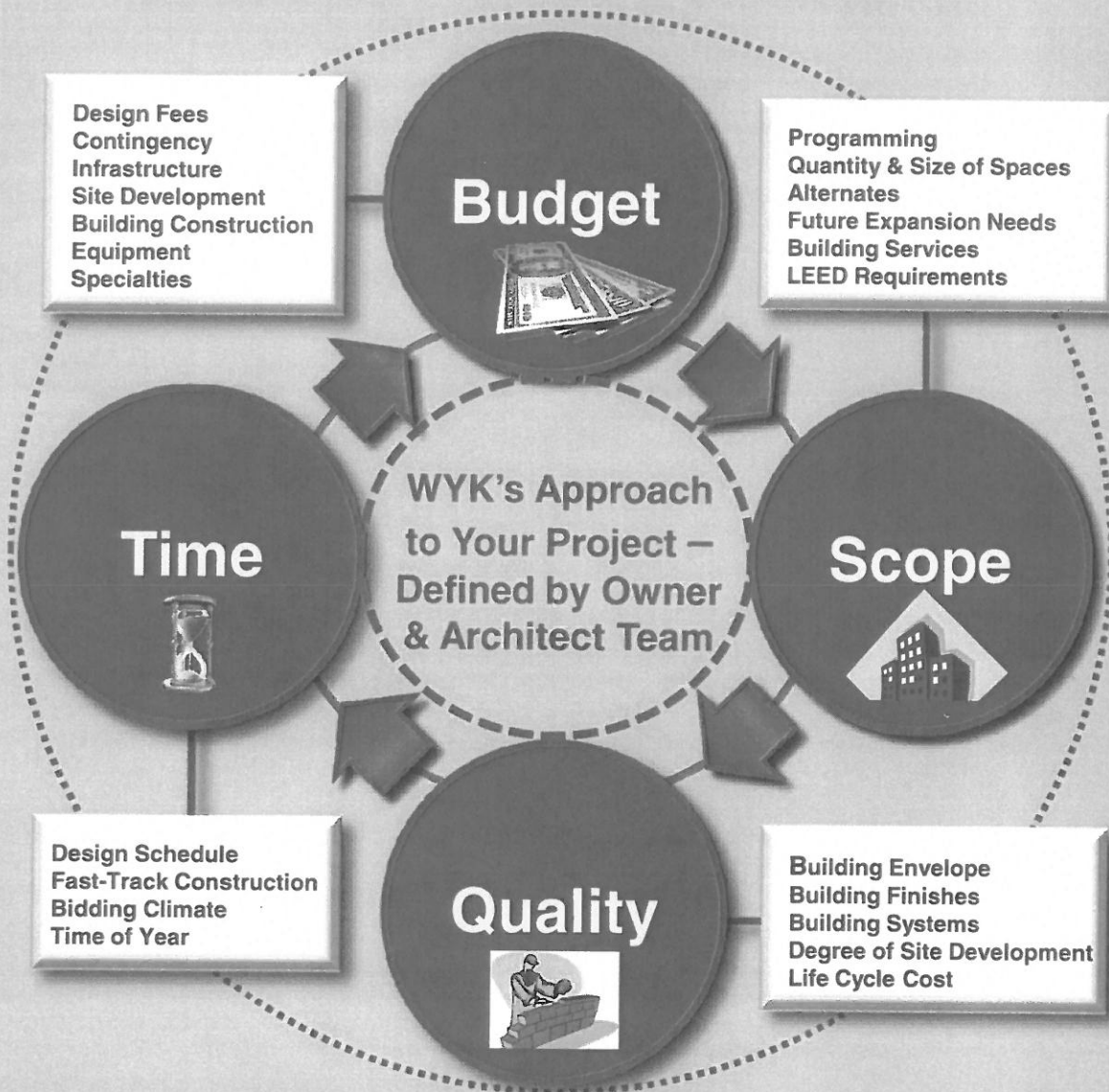
Our Approach to Your Project
WV Surplus Property Design Services



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Our Approach to Your Project
WV Surplus Property Design Services

Construction - Checks & Balances.....



.....A Change In ANY ONE, Alters the Others



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Project Team

WV Surplus Property Design Services



WYK ASSOCIATES, INC.
ARCHITECTURE · PLANNING

Project Team

WV Surplus Property Design Services

ARCHITECTURE

WYK Associates, Inc.
205 Washington Avenue
Clarksburg, WV 26301
(304) 624-6326
(304) 623-9858 fax
james@wykarchitects.com
www.wykarchitects.com



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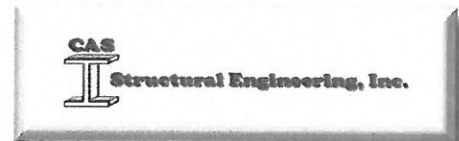
CIVIL ENGINEER

TERRADON Corporation
Charleston WV Headquarters Office
401 Jacobson Drive
Poca, WV 25159
(304) 755-8291
(304) 755-2636 Fax
davis.fennell@terraddon.com
www.terraddon.com



STRUCTURAL ENGINEER

CAS Structural Engineering, Inc.
57 Cala Lane
Alum Creek, WV 25003-9150
(304) 756-2564
(304) 756-2565 Fax
calalane@aol.com



CAS
Structural Engineering, Inc.

MECHANICAL / ELECTRICAL / PLUMBING ENGINEER

ZDS Design/Consulting Services
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(304) 755-0075
(304) 755-0076 fax
todd.zachwieja@zdsdesign.com
www.zdsdesign.com



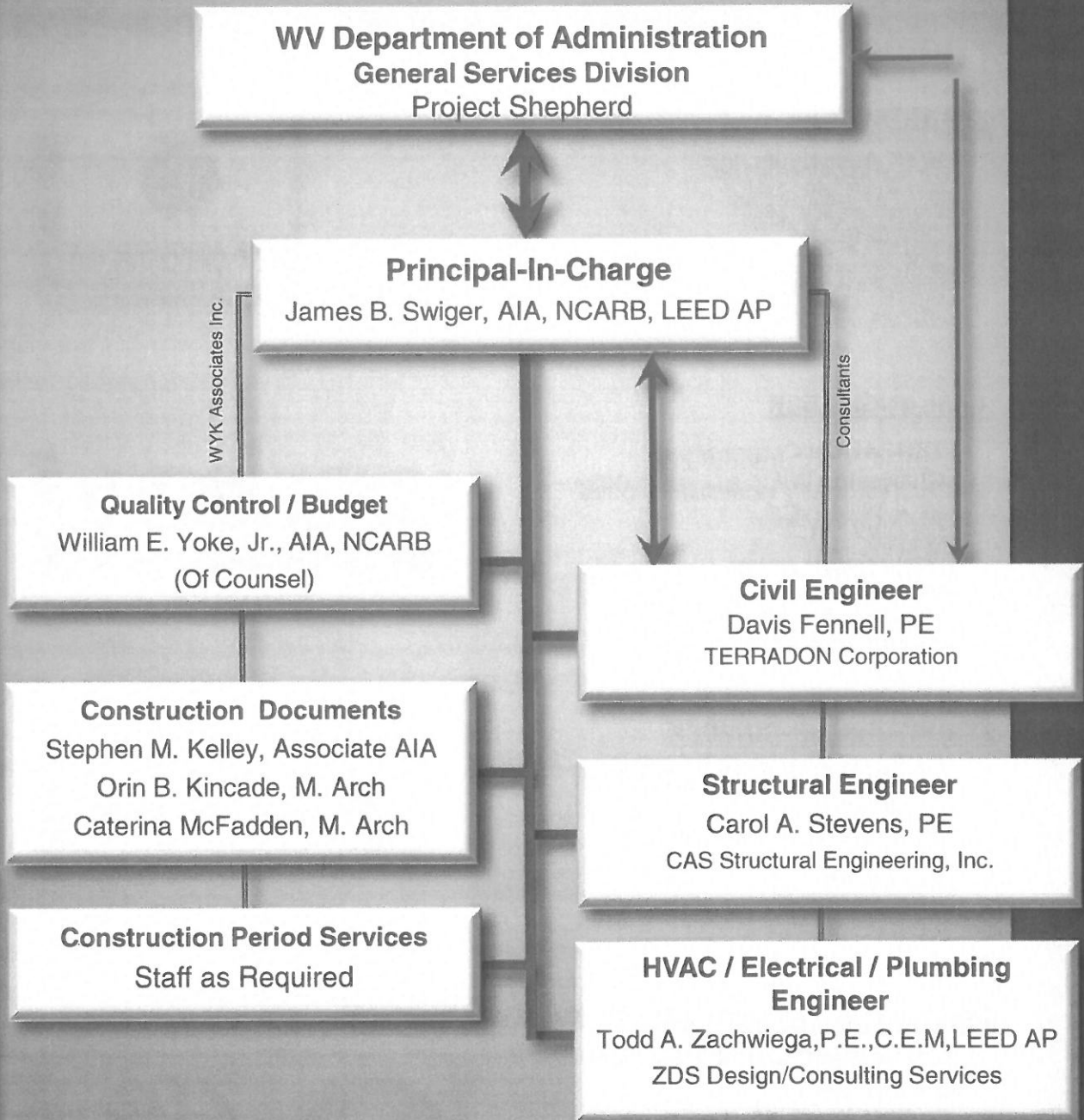
ZDS
Design/Consulting Services



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Team Organization Chart

WV Surplus Property Design Services





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Resumes

WYK Associates, Inc.



WYK ASSOCIATES, INC.
ARCHITECTURE · PLANNING

**James B. Swiger, AIA, NCARB,
LEED AP**
President & Principal-In-Charge



EMPLOYMENT SUMMARY

WYK Associates, Inc.	2005 - Present
Blackwood Associates, Inc.	2000 - 2005
Gegner Architects	1997 - 2000
WYK Associates, Inc.	1996 - 1997

EDUCATION

Bachelor of Architecture -1996
University of Tennessee
Knoxville, Tennessee

ARCHITECTURAL REGISTRATION

West Virginia	(Registration # 3640)
National Council of Architects	(Registration #58982)

PROFESSIONAL AFFILIATIONS

American Institute of Architects
AIA-West Virginia – Director 2010 – Board of Directors
U.S. Green Building Council Accredited Professional
National Council of Architectural Registration Boards
National Trust for Historic Preservation
National Fire Protection Agency (NFPA)
Builder's Supply Association of WV - Affiliate Member
WV Society for Healthcare Engineering - Associate Member

CIVIC AFFILIATIONS

United Way of Harrison County, Inc. – Board of Directors
Kiwanis Club of Clarksburg – 2008/2009 President
Clarksburg Elks Lodge
Salem International University Auxiliary
Salem Area Chamber of Commerce
West Virginia Kiwanis District – District 3 – Past Lieutenant Governor
Harrison County Chamber of Commerce - Education Committee
Salem Elementary School Nature/Fitness Trail – Project Manager

HONORS & AWARDS

2010-11 Cambridge Who's Who Honored Member
2009 WV Kiwanis District Governor's Award for "Promoting Membership Growth"
2008 Volunteer of the Year – Harrison County Chamber of Commerce
Selected "Generation Next: 40 Under 40" by the West Virginia State Journal in 2008
2008 Strathmore's Who's Who Worldwide Recipient
2008 Merit Award in Architecture from AIA-West Virginia for the
West Pike Street Parking Facility in Clarksburg, WV (Co-Design Architect)

Selected Projects

***Masterplan Expansion to
Broughton's Dairy Plant**
Marietta, OH

***Warehouse Renovation /
Expansion for Contractor's
Building Supply**
Marietta, OH

Bank of Gassaway
Flatwoods, WV

**West Pike Street
Parking Facility**
Clarksburg, WV

**Bridgeport Public
Safety Building**
Bridgeport, WV

***Stonewall Resort Lodge**
Roanoke, WV

***Braxton County
Multi-Tenant Building**
Flatwoods, WV

* Denotes prior experience



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

William E. Yoke, Jr., AIA, NCARB
Of Counsel



EMPLOYMENT SUMMARY

WYK Associates, Inc.	1978 - Present
WYK Architects	1974 - 1978
Whalen L. King, Architect	1973 - 1974
United States Navy	1969 - 1973
Giese Engineering	1968 - 1969

EDUCATION

Bachelor of Science – Pre-Architecture - 1968
Clemson University
Clemson, South Carolina

ARCHITECTURAL REGISTRATION

West Virginia	(Registration # 1566)
Virginia	(Registration #401-009314)
Maryland	(Registration #10172)
Pennsylvania	(Registration #RA-014502)
National Council of Architects	(Registration #23448)

PROFESSIONAL AFFILIATIONS

American Institute of Architects
National Council of Architectural Registration Boards (NCARB)
NCARB – Licensing Examination Committee
AIA-West Virginia – Two Term Past President
Past Chairman of Region II of NCARB
AIA-West Virginia Scholarship Committee
Fairmont State University – Architectural Technology Program – Advisory Committee
West Virginia Board of Architects – Three Term Past President and Current Member

CIVIC AFFILIATIONS

Harrison County Chamber of Commerce – Past Board Member
Long Time Member of the Madrigal Singers of Clarksburg
Vice President of Civil War Roundtable – Local Chapter
Long Time “Stonewall Leadership” Contributor to the United Way of Harrison County, Inc.

HONORS & AWARDS

2008 Chairman's Award– Harrison County Chamber of Commerce
2008 Merit Award in Architecture from AIA-West Virginia for the West Pike Street Parking Facility in Clarksburg, WV (Co-Design Architect)
2007 Merit Awards in Architecture from AIA-West Virginia for the following:
West Union Bank at Newpointe, Clarksburg, WV
Information Manufacturing Corporation in Cowen, WV

Selected Projects

**Virginia Army National Guard
Fixed Wing Training Center**
NCWV Airport, Bridgeport, WV

West Virginia Air Center
NCWV Airport, Bridgeport, WV

FBO Hangar
NCWV Airport, Bridgeport, WV

Alamco Hangar
NCWV Airport, Bridgeport, WV

**Information Manufacturing
Corporation**
Cowen, WV

**Stockmeier Urethanes
Manufacturing Warehouse**
Clarksburg, WV

**Webster County Multi-Use
Shell Building**
Cowen, WV



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Stephen M. Kelley, Associate AIA
Project Manager



EMPLOYMENT SUMMARY

WYK Associates, Inc.	2007 - Present
Blackwood Associates, Inc.	2002 - 2007
Kurtz Construction	1999 - 2001
Philadelphia University Athletic Department	1996 - 2000
Eagle Lodge Golf and Conference Center	

EDUCATION

Bachelor of Architecture - 2000
Philadelphia University
Philadelphia, Pennsylvania

PROFESSIONAL AFFILIATIONS

American Institute of Architects
AIA-West Virginia – Associate Member

CIVIC AFFILIATIONS

Salem Area Chamber of Commerce – Board of Directors
Leading Revitalization of Salem's Veteran Park
Harrison County Development Authority – Board of Directors
Fort New Salem Foundation – Board of Directors
VFW Post 9151- Trustee & Lifetime Member / Quartermaster
Salem-Doddridge County Kiwanis Club – Charter Member
Volunteer United Way of Harrison County, Inc.
"Stonewall Leadership" Contributor to the
United Way of Harrison County, Inc.

HONORS & AWARDS

Salem Area Chamber of Commerce 2006 Member of the Year
AIA-West Virginia Student Design Competition 1995 – Second Place
U.S Army Awards:
Army Achievement Medal
Reserve Component Achievement Medal
National Defense Service Medal
Global War of Terrorism Expeditionary Medal
Armed Forces Reserve Medal
Army Service Ribbon
Reserve Components Overseas Training Ribbon

Selected Projects

Solarium Addition
V.A. Medical Center
Clarksburg, WV

***Pace-Tech**
Morgantown, WV

***Stepping Stones**
Morgantown, WV

***Renovation to**
Johnston School
Industrial Home of Youth
Salem, WV

***Braxton County**
Multi-Tenant Building
Flatwoods, WV

Renovations to V.A.
Medical Center
Clarksburg, WV

* Denotes Prior Experience



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Orin B. Kincade, Associate AIA
Architectural Intern



EMPLOYMENT SUMMARY

WYK Associates, Inc.	December 2011 – Present
JRS Architects, Inc.	August 2011 – December 2011
Fairmont State University	August 2010 – May 2011
Miami University	August 2007 – May 2009
WYK Associates, Inc.	May 2006 – May 2007

EDUCATION

Master of Architecture – 2010

Miami University
Oxford, OH

Bachelor of Science – Architecture – 2007

Fairmont State University
Fairmont, WV

PROFESSIONAL AFFILIATIONS

2012 – 2013 – Leadership Harrison Member

2012 AIA–West Virginia – Associate Member

HONORS & AWARDS

2009 AIA Ohio Foundation Grant
2009 AIA West Virginia Scholarship for Merit Design Award
2007 AIA WV Jeffery Mayfield Scholarship Competition
2007 West Virginia Higher Education Grant
2005 AIA West Virginia Bachelors Design Merit Award

Selected Projects

West Union Bank
West Union, WV

UHC – Physical Therapy Suite
Clarksburg, WV

Dr. Demarco's Office Renovations
Bridgeport, WV

City of Shinnston Community Building
Shinnston, WV

Fellowship Bible Church
Bridgeport, WV

VA Pool Bathhouse
Clarksburg, WV

Mountaineer Military Museum Addition
Weston, WV

Antero Resource Corporation Offices
Willow Beach, WV

Notre Dame Lab Renovations
Clarksburg, WV



WYK ASSOCIATES, INC.
ARCHITECTURE · PLANNING

Caterina McFadden, Associate AIA
Architectural Intern



EMPLOYMENT SUMMARY

WYK Associates, Inc.	2012 - Present
DEL Studio Architects, Inc.	2010 - 2012
New Renaissance Builders, LLC	2008 - 2010
SMG Architects, Inc.	2008
Geneva, Engineering & Public Works	2005 - 2007

EDUCATION

Master of Architecture – Architecture - 2010
Virginia Polytechnic Institute and State University, CAUS
Washington Alexandria Architecture Consortium

Bachelors of Arts – Architectural Design – 2007
Hobart and William Smith Colleges

Bachelors of Arts – Geosciences – 2007
Hobart and William Smith Colleges

PROFESSIONAL AFFILIATIONS

2013 Associate Member, American Institute of Architects
2013 Associate Member, AIA-West Virginia

CIVIC AFFILIATIONS

2013 Marion County - Chamber of Commerce
2013 Women's Network Member
2012 West Virginia University Solar Decathlon - Advisor
2006 Invited Speaker, National Fire Protection Agency

Selected Projects

Dr. Adeyini's Office
Renovations
Bridgeport, WV

Doddridge Controls, Inc.
Renovations
Fairmont, WV

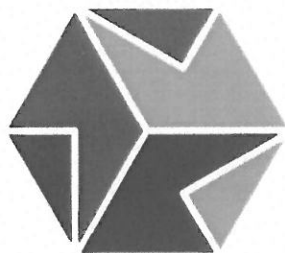
Community Care of WV
Renovations
Rock Cave, WV

Health Access
Renovations
Clarksburg, WV

***Andrew's Air Force Base**
Presidential Lodging
Annapolis, MD

***SourceFire, Inc.**
Tenant Expansion
Columbia, MD

* denotes prior experience



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

Consultants

WYK Associates, Inc.



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

CORPORATION
TERRADON



HARPER
ENGINEERING



CAS
Structural Engineering, Inc.

TERRADON Corporation



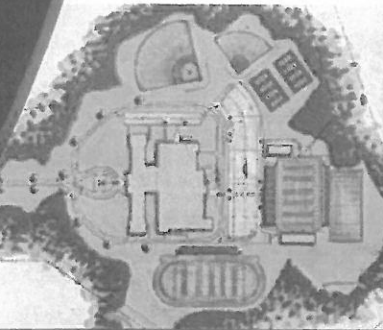
TERRADON

CORPORATION

Engineering Planning Surveying

LAND DEVELOPMENT SERVICES

OVERVIEW
FIRST RESPONDER FACILITIES
CIVIC/PUBLIC BUILDINGS
TRANSPORTATION FACILITIES



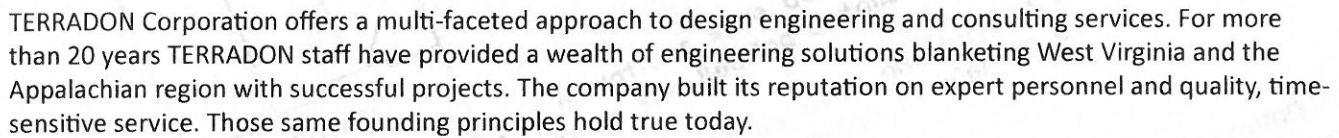
Charleston, WV
Headquarters Office
P.O. Box 519
Nitro, WV 25143

Lewisburg, WV
425 North Jefferson Street
P.O. Box 1635
Lewisburg, WV 24901

Columbus, OH
167 South State Street Suite 250
Westerville, OH 43054

ALL LOCATIONS Phone: 304.755.8291 Fax: 304.755.2636

terraddon.com



ABOUT TERRADON

TERRADON is particularly suited to design engineering within the mountainous areas of West Virginia and the Appalachian Region. The firm has been recognized through numerous awards from professional organizations and agencies including the West Virginia Division of Highways, Department of Environmental Protection and the West Virginia Chapter of American Institute of Architects.

LAND DEVELOPMENT SERVICES

-

LAND DEVELOPMENT MARKETS

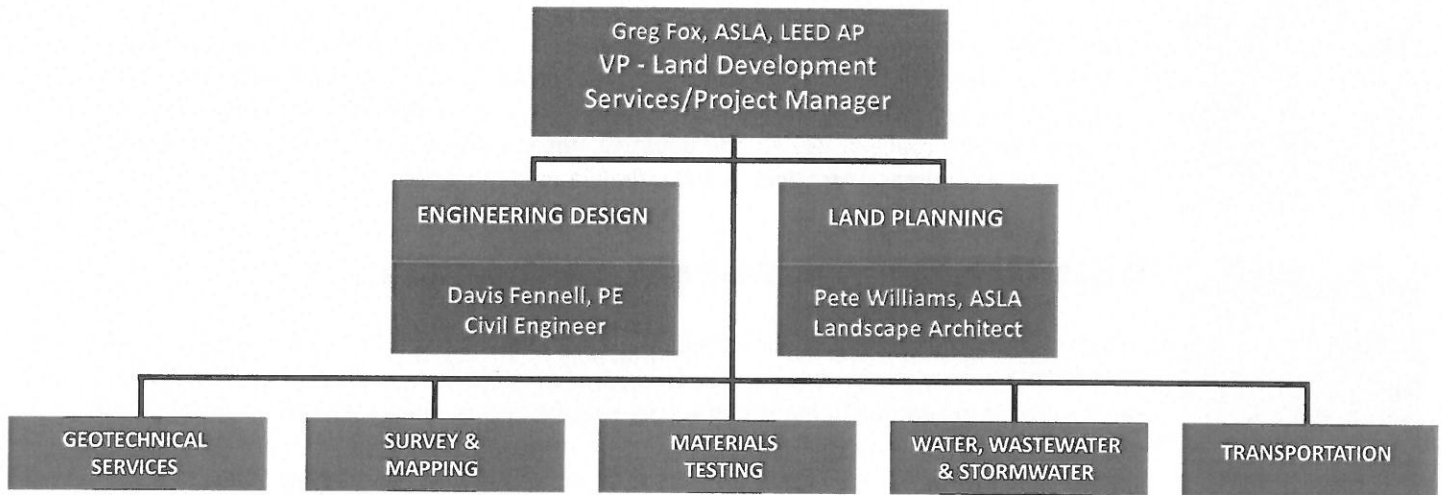
TERRADON

LAND DEVELOPMENT OVERVIEW

Land Development covers a broad swath of TERRADON's service offerings and sees a large percentage of its annual revenue from repeat clients or referrals. The group is comprised mainly of Landscape Architects and CAD designers who frequently team with every other department within the company. TERRADON's Land Development department collaborates with public and private entities and has a strong presence in the educational, recreation and commercial development sectors.

TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional landscape architects work closely with the client from the project's initial phase through a schematic design, construction documents and project delivery. TERRADON Landscape Architects remain on the forefront of sustainable design, providing LEED Accredited Professionals to clients. Projects utilizing sustainable design best practices aid clients in significantly reducing energy costs on projects.

PROFESSIONAL QUALIFICATIONS



**Greg Fox, ASLA, LEED AP
VP - Land Development
Services**

Greg Fox has overseen the Land Development Sector at TERRADON since its inception in 2000. He offers more than 25 years of industry experience, providing engineering services to a variety of markets. Under his guidance, the group has been the recipient of Engineering Excellence awards from the West Virginia Association of Consulting Engineers, and the Gold Award for Engineering Excellence from the American Council of Engineering Companies. Additionally, the Land Development Group has been recognized numerous times for Merit Awards by the West Virginia Chapter of American Society of Landscape Architects.

During his tenure, the Land Development Group has completed more than one hundred K-12 Educational projects and dozens of Higher Education projects.

Fox is a registered Landscape Architect in West Virginia, Ohio, North Carolina, South Carolina, Pennsylvania and Virginia. He is an active member of the American Society of Landscape Architects. Fox received degrees in Landscape Architecture and Planning from West Virginia University.

PROFESSIONAL QUALIFICATIONS



Davis Fennell, PE

Project Engineer

Davis Fennell serves as a Project Manager at TERRADON, where he is the Principal Engineer for Land Development. Fennell oversees projects in the education, commercial, civic, and recreational markets. Fennell has 18 years of civil and environmental engineering industry experience. Prior to joining TERRADON, Fennell spent 13 years as an engineering consultant in Southeast North Carolina. He provided services to private and public sectors including master planning, roadway design, wastewater, water, storm, erosion and sediment control, permitting, construction administration and compliance monitoring.

Fennell is a registered Professional Engineer in West Virginia, North Carolina, and South Carolina. He is a member of the National Society of Professional Engineers and the American Society of Civil Engineers. Fennell received degrees in Civil Engineering and Environmental Engineering from North Carolina State University.



Peter J. Williams, ASLA

Landscape Architect

"Pete" Williams is a native of West Virginia and a graduate of West Virginia University with a Bachelor of Science in Landscape Architecture. His responsibilities include landscape architectural design, grading and storm water drainage design, the design of pedestrian circulation systems and related amenities, roadway design, site planning, and quality control. Mr. Williams is registered as a professional Landscape Architect in West Virginia with more than 12 years of experience.



Robert Thaw, PS

Vice President of Survey and Mapping

Robert Thaw, Vice President of Survey and Mapping, oversees all TERRADON Survey services. TERRADON's survey group serves a diverse range of projects in support of seven TERRADON service groups in addition to managing survey-specific clients. Thaw manages a specialty staff of Professional Surveyors and Computer Aided Drafting (CAD) designers who provide mapping, construction layout, ALTA survey, topographic survey and boundary survey services.

Thaw's leadership has been instrumental in TERRADON's prioritization of the use of modern technology, ensuring clients the most efficient and accurate results. Additionally, he is responsible for in-house design of commercial property sites, parking and utility easements, and review of project plans and base mapping creation. Thaw's group also provides as-built surveys, utility identification surveys and deformation monitoring of design features such as retaining walls and dams.



Bill Hunt, PG, LRS

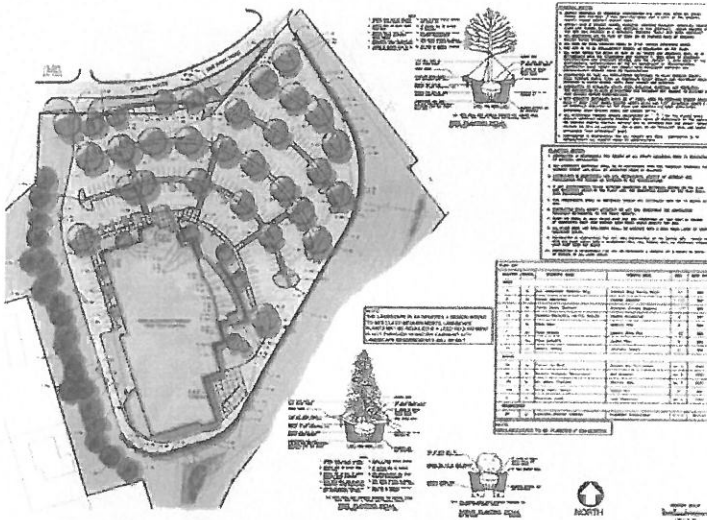
Vice President Geotechnical, Environmental, Materials Testing and Inspection

Bill Hunt is a Licensed Remediation Specialist and serves as Vice President of Geo-Environmental at TERRADON Corporation. Hunt offers relevant experience in environmental documentation, investigations, and coordination with federal, state, and local agencies. He prepares Environmental Impact Statements, Environmental Assessments, Section 4(f) Evaluations, and other environmental technical documents. He supervises and participates in work plan development, field surveys, on-site monitoring, data collection, impact analysis, subconsultant management, public meeting organization and group presentations.

AWARD WINNING DESIGN

- West Virginia AIA Merit Design Award, Project Team Winner for Mon Power Regional Headquarters
- West Virginia AIA Award, Project Team Winner, Mingo Central High School
- ACEEC, ASLA, West Virginia Department of Environmental Protection Headquarters
- EEA/WVACE, ASLA, Merit Design Award, City of Fairmont Riverfront Master Plan

Mon Power Regional Headquarters



TERRADON, as a subconsultant, provided site design engineering for the Mon Power Regional Headquarters located in the I-79 Technology Park. The project team was as a Merit Design Award winner by the West Virginia AIA in 2012. TERRADON provided conceptual planning, layout and grading, and survey for the project. The Mon Power project is one of several TERRADON designed sites in the I-79 Technology park.

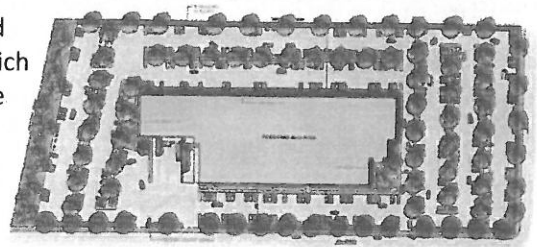


LEED-CERTIFIED DESIGN

- WV Department of Environmental Protection HQ Building, Kanawha City, WV
- Marshall University Arthur Weisberg Applied Sciences Building, Huntington, WV
- Eastwood Elementary, Morgantown, WV
- First Energy Operations Center, Fairmont, WV

West Virginia Department of Environmental Protection Headquarters Building

TERRADON, as a subconsultant, provided site design engineering services for the LEED-Certified West Virginia Department of Environmental Protection Headquarters Building in Kanawha City, WV. Design elements that led to LEED certification included first-floor landscaping burns, which provided thermodynamics to the wall. The building's stormwater connection system was also designed to recharge the groundwater table and only permitting discharge overflow to enter the municipal system.



FIRST RESPONDER CENTERS

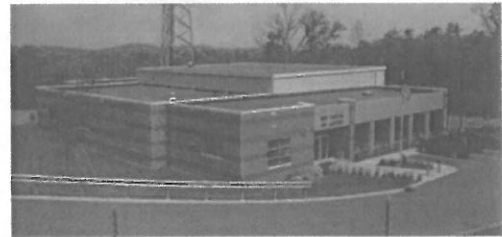
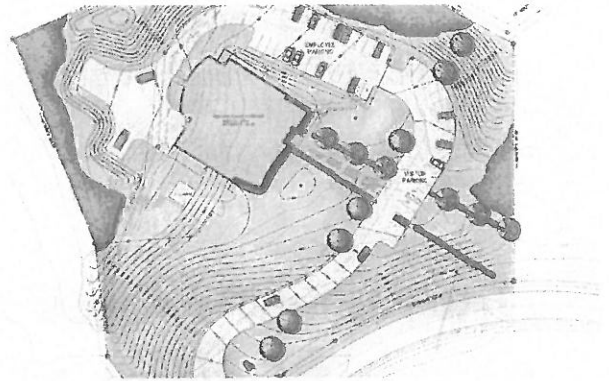
Kanawha County Metro 911 Call Center

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

TERRADON services included:

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

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



Lincoln County 911 Call Center

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



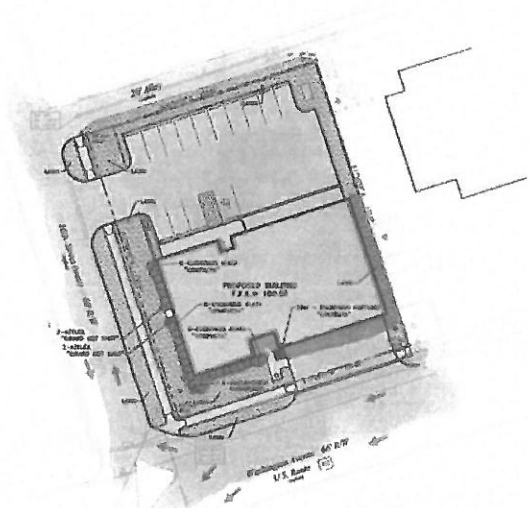
TERRADON services included:

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

Cabell County EMS Stations

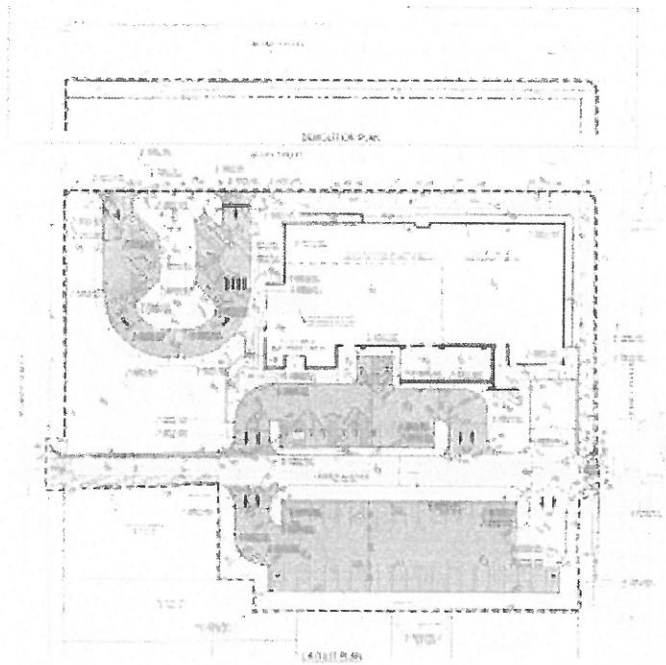
TERRADON Corporation, as a subconsultant, performed Site Civil Engineering Services for two Cabell County EMS Stations—one on Norway Avenue and the other in Westmoreland. TERRADON'S services included site civil engineering design for the following:

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



CIVIC/PUBLIC BUILDINGS

WV Department of Administration State Office Building, Fairmont, WV



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

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

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

Fairmont Public Safety Building, Fairmont, WV

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

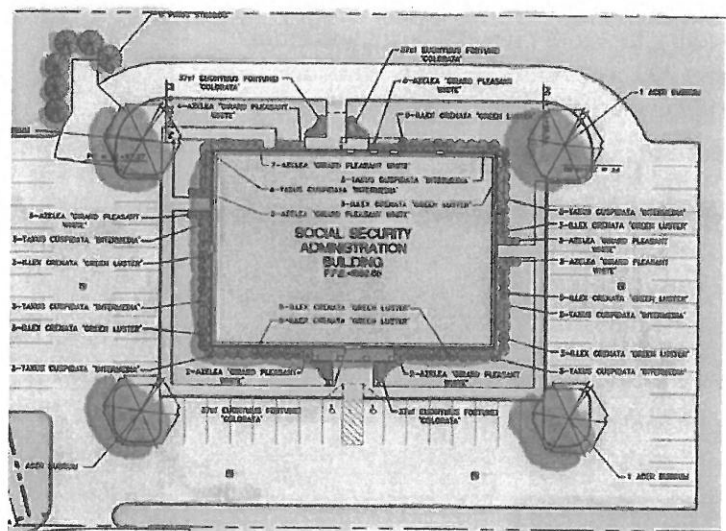
TERRADON services included: Geotechnical Engineering; Design and Boundary Survey, Full Site Engineering Drawings, Layout, Grading, and Drainage and Erosion Control. TERRADON performed engineering services as a subconsultant to the architect. TERRADON engineers considering site layout options in order to maximize land use while minimizing earthwork and utility installations. TERRADON provided landscape and hardscape design as well.

Social Security Administration Building, Logan, WV

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

TERRADON services included:

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



TRANSPORTATION FACILITIES

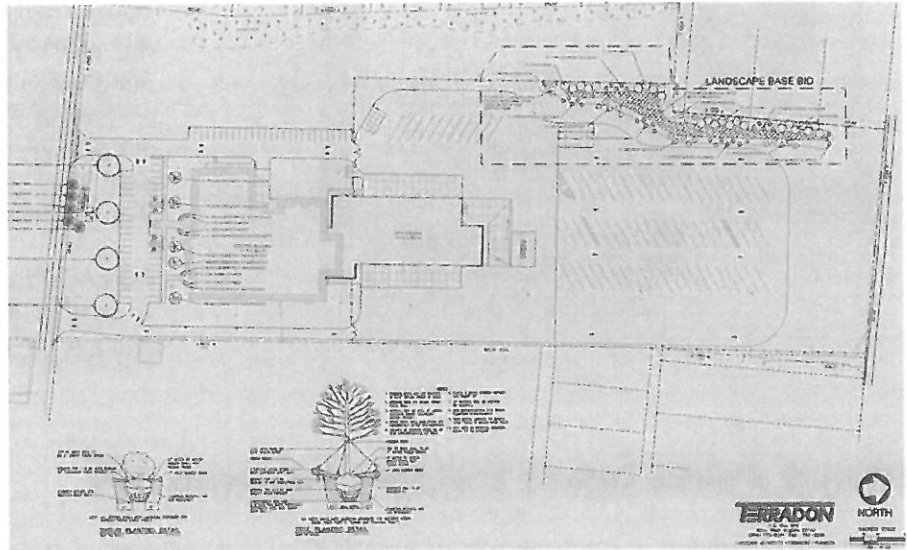
Cabell County Bus Garage

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

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

TERRADON services included:

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

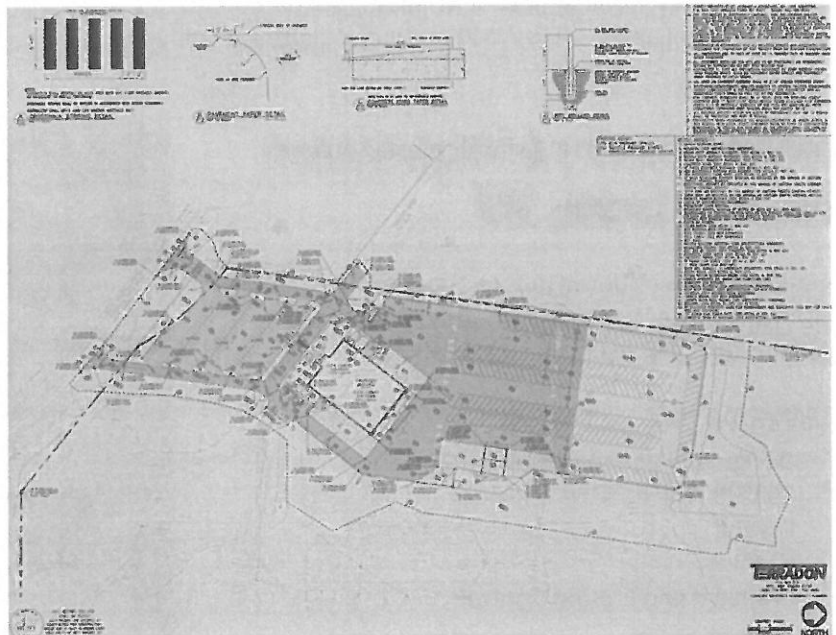


Jefferson County Bus Garage

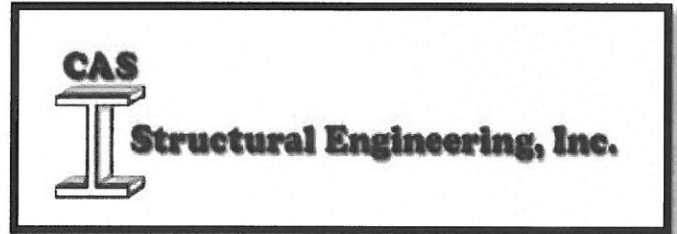
TERRADON Corporation, as a subconsultant, provided site civil design services for the Jefferson County Bus Garage. When construction begins, this facility will provide parking for more than 200 buses and more than 200 cars. A fueling island, wash bay and new facility building also comprise the location.

TERRADON services included:

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



CAS Structural Engineering, Inc.



CAS **I Structural Engineering, Inc.**

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 20 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 20 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.



Structural Engineering, Inc.

Carol A. Stevens, P.E.
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

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
WVUIT Department of Civil Engineering Advisory
Committee

CIVIC INVOLVEMENT

ASCE Christmas in April Project
Engineer's Week Speaker

EXPERIENCE

West Virginia, State Capitol Complex, Governor's Mansion: Structural analysis and design in addition to evaluation report for modifications and renovations to several areas of mansion. Building is on State Historic Register.

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. Construction is currently under contract. Building is on State Historic Register.

West Virginia, State Capitol Complex, Building 3: Structural design and construction administration of repairs to limestone canopy.

West Virginia, State Capitol Complex, Main Capitol Building Parapet: Exploratory investigation of limestone/brick parapet/balustrade of Main Capitol Building to determine cause of movement/cracking/leaks.

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

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

West Virginia, Hampshire County Courthouse Elevator: Designed structure for incorporation of elevator into existing courthouse building.

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

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

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

West Virginia, Mt. Calvary Baptist Church: Designed foundations and floor framing for new activities building.

P.O. Box 469

Alum Creek, WV 25003-0469

(304) 756-2564 (voice)

(304) 756-2565 (fax)

A West Virginia Certified DBE Consultant
Certified in the Practice of Structural Engineering

PREVIOUS EXPERIENCE

West Virginia, State Capitol Building: Designed structural system to replace deteriorated reinforced concrete slab at landing on north side of Capitol steps.

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

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

West Virginia, Sissonville Library: Structural design of new 7,000 SF branch library. Structure consisted of wood framing.

West Virginia, Cabell Huntington Hospital Boiler Mezzanine: Structural analysis and testing of existing reinforced concrete mezzanine with significant degradation from brine tank leakage. Developed new structural system to replace existing concrete mezzanine utilizing steel framing and steel grating.

West Virginia, North Fork Hughes River Water Treatment Plant: Designed reinforced concrete structure for new water treatment facility.

West Virginia, Beckley Wastewater Treatment Plant: Designed reinforced concrete tanks and masonry support structures for new wastewater treatment plant.

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

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

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

Pennsylvania, York County Government Center: Structural analysis and design of 1898 former department store converted to county government offices. Interior renovations included adding floor framing at mezzanine level, analyzing and redesigning deficient floor framing, and adding new elevators. Exterior renovations included complete façade rework to recreate original appearance.

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

Maryland, U.S. Army Corps of Engineers, Baltimore District, Administration Building: Seismic design of new 10,000 SF masonry building.

Pennsylvania, Carlisle Syntec: Design of foundation supports for 800,000 lb rubber vulcanizing machine; enlargement of foreman's office including new framing to support mechanical equipment on roof; new monorail installation; extension of existing gantry rail.

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

Pennsylvania, AMP IMF: Structural design for the renovation and conversion of a stamping facility into an integrated manufacturing facility (IMF) housing operations for stamping as well as blow molding processes.

Texas, York International: Structural survey of existing building structure for modifications to incorporate large testing and manufacturing areas for mechanical equipment.

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

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

Pennsylvania, Yorktowne Parking Garage: Study of reinforced concrete/steel framed parking garage.

Pennsylvania, Blakey Yost Bupp & Schaumann: Re-construction of a 3-story 10,200 SF, fire damaged urban building and conversion into law offices.

Pennsylvania, Queensgate Theaters: Structural analysis of existing mall area for conversion to movie theaters.

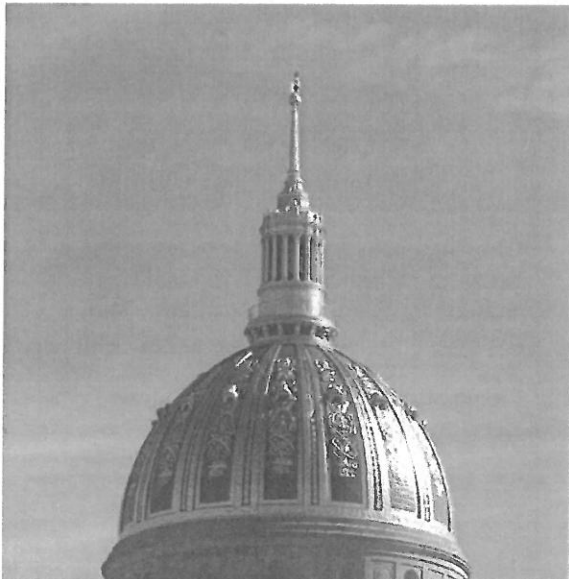
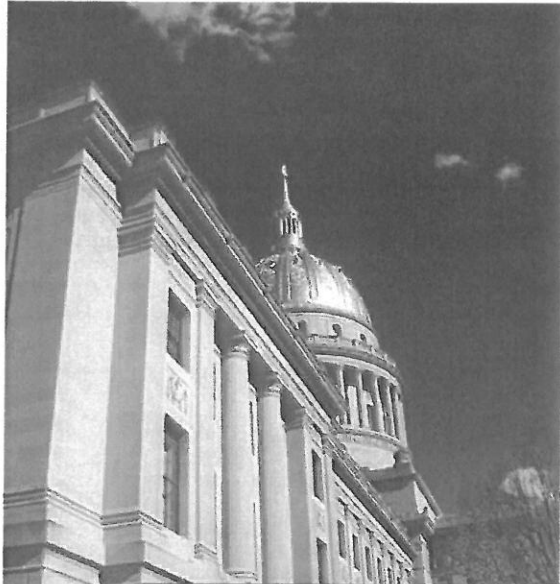
Pennsylvania, College Misericordia: Structural design of new 50,000 SF student resident hall utilizing precast concrete planks and masonry bearing walls.

Pennsylvania, Homewood Suites: Structural and foundation design for new two-story hotel.

Pennsylvania, Comfort Inn: Structural and foundation design of new 5-story hotel.

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

Project Experience



CAPITOL PARAPET WALL REPAIRS

Charleston, West Virginia

This project included an exploratory investigation and preparation of construction documents for repairs to the limestone and brick parapet wall and balustrade at the top of the Capitol Building.

CAPITOL DOME RESTORATION

Charleston, West Virginia

This project included an exploratory investigation and preparation of construction documents for repairs to the structural steel in Capitol Dome.

Project Experience



BUILDING 3 CANOPY REPAIRS

Charleston, West Virginia

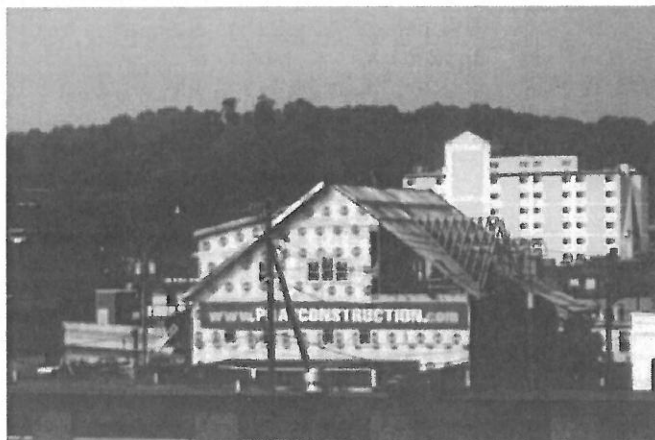
Structural design of repairs to existing limestone canopy and supporting structural elements. Discovered that as-built conditions differed from original design documentation



GEORGE WASHINGTON HIGH SCHOOL

Charleston, West Virginia

Structural design of additions to include new 3-story classroom addition, new entrance/commons addition, and new gymnasium addition for Kanawha County Schools.



COVENANT HOUSE

Charleston, West Virginia

This 3-story structure utilized a structural steel frame and light-gauge steel roof trusses for the structural system. The 13,700 SF building was designed to appear as a residential structure, with vinyl siding, asphalt shingles, dormers and gingerbread accents.

Project Experience



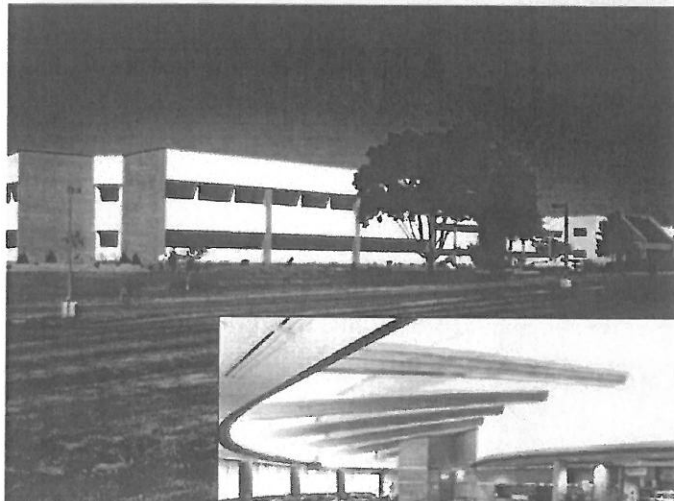
JOHNSON AVENUE PROFESSIONAL BUILDING Bridgeport, West Virginia

Structural design of new 9,400 SF steel framed office building.



YORK COUNTY GOVERNMENT CENTER York, Pennsylvania

Structural analysis and design of 1898 former department store converted to county government offices. Interior renovations included adding floor framing at mezzanine level, analyzing and redesigning deficient floor framing, and adding new elevators. Exterior renovations included complete façade rework to recreate original appearance.



METROPOLITAN EDISON Reading, Pennsylvania

The two-story, 5000 SF lobby replaced an outdated 1200 SF lobby and business office. The lobby addition, which serves as a focal piece for the Headquarters Complex, contains several conference rooms and a second floor bridge spanning the width of the lobby. The lobby addition consisted of structural steel framing. An 80,000 SF office addition was constructed during the second phase of this project. A semi-circular cafeteria addition was located at the rear of the complex.



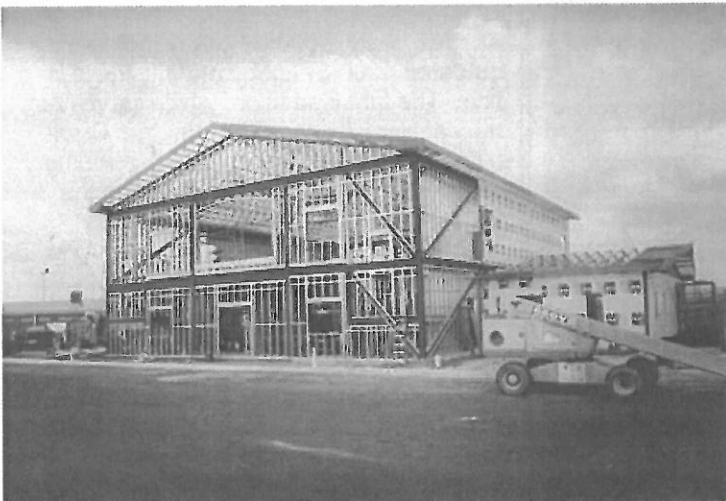
EASTERN WEST VIRGINIA REGIONAL AIRPORT TERMINAL BUILDING

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.

CAS
Structural Engineering, Inc.

MAN K-8 ADDITION

Man, West Virginia



Addition consisted of four new classrooms and a multipurpose 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.

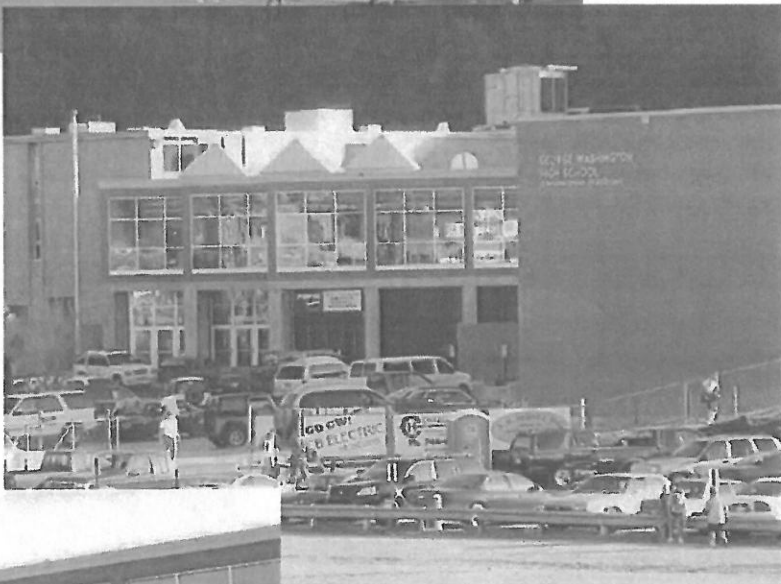
Project Architect: Chapman Technical Group, Ltd.
Project Structural Engineer: CAS Structural Engineering, Inc.

St. Albans, West Virginia
Alum Creek, West Virginia

GEORGE WASHINGTON HIGH SCHOOL
Charleston, West Virginia



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



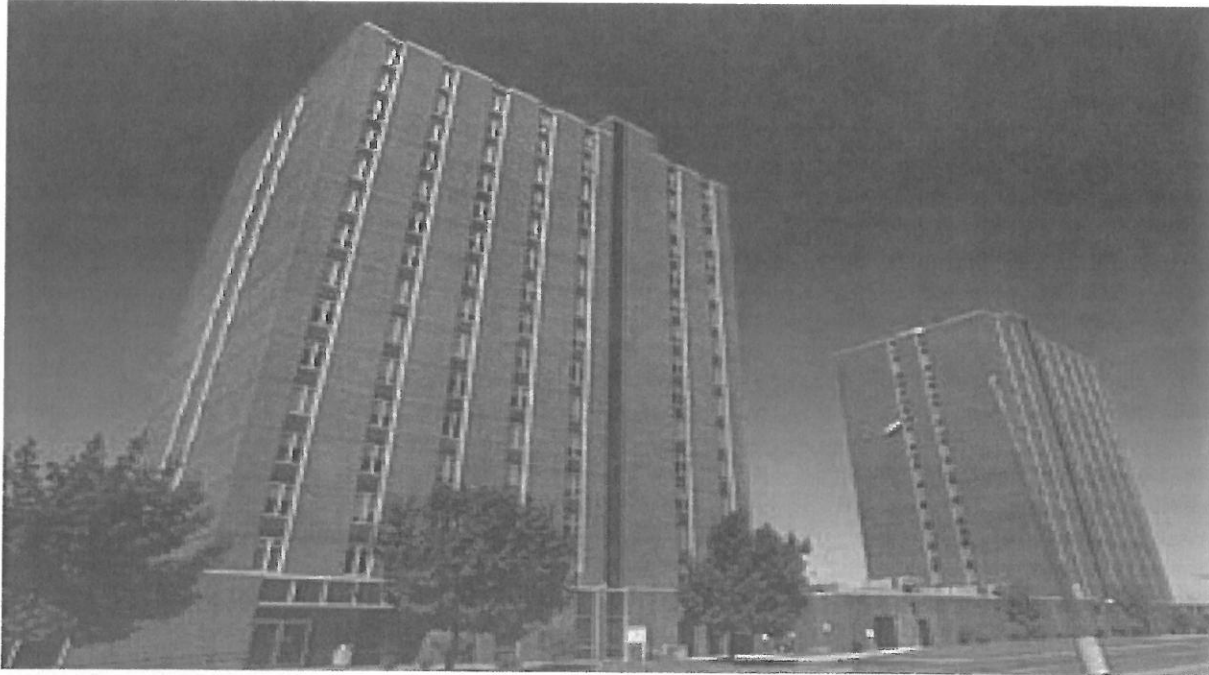
Construction was completed while the school was in session, including interior renovations and tie-ins to the existing facility.

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

South Charleston, West Virginia
Alum Creek, West Virginia

ZDS Design/Consulting Service





ABOUT ZDS DESIGN/CONSULTING SERVICES

ORGANIZATION

ZDS OFFERS AN EFFECTIVE ORGANIZATIONAL STRUCTURE; ONE THAT TAKES EACH PROJECT FROM INCEPTION THROUGH COMPLETION, WORKING AS AN EXTENSION OF THE CLIENT EVERY STEP OF THE WAY.

EXCELLENT MECHANICAL AND ELECTRICAL DESIGN RESULTS FROM AN EXPERIENCED TEAM, AS WELL AS LISTENING TO THE NEEDS OF THE CLIENT.

In 1983, Todd A. Zachwieja founded ZECO Consultants. In 1994 **ZDS** Limited Liability Company was incorporated in West Virginia using dba **ZDS** Design/Consulting Services, and was founded to provide design and consulting services. Today **ZDS** has four principals with over 100 years of technical expertise:

Todd A. Zachwieja, PE, C.E.M., LEED AP, Chief Executive Officer, brings with him over 30 years in the design and consulting business.

Ted T. Zachwieja, Principal over Construction Administration services, has over 50 years experience in the design and consulting business. He was owner of Ted T. Zachwieja & Company from 1962 to 1982.

Daniel H. Kim, Ph.D., Manager of Strategic Planning, brings with him over 25 years in the design and consulting business and is one of the nation's leading experts in organizational management. He is also owner/founder of Pegasus Communications, Inc. from 1991 to present.

Lori Zachwieja, CPA, Chief Financial Officer, was cofounder of ZECO Consultants.

SERVICES

MECHANICAL
INDOOR AIR QUALITY
ENERGY

ELECTRICAL
COMMISSIONING

Each new project is assigned to a principal in-charge who will follow the project from inception through commissioning.

ZDS assigns the production staff according to the nature of the project and the work force necessary to meet the schedule. The Principal in charge of that project determines if consultants are needed and coordinates all areas. After bidding, a Principal of **ZDS** coordinates visits to the job site regularly, all the way through the post-warranty inspection.

ZDS believes in the team approach when providing engineering design and consulting services. We start with our client as the number one member on our team. We listen to the needs and concerns of our client and that becomes the basis for our design. Our design expertise includes:

MECHANICAL DESIGN

Heating & Ventilation
Air Conditioning
Piping
Environmental Controls
Process Controls
Refrigeration
Plumbing
Medical Gases
Sprinkler-Fire Protection
Master Planning

ELECTRICAL DESIGN

Power Distribution
Interior Lighting
Exterior Lighting
Emergency Power
Communications
Technology
Fire Alarm
Security
Life Safety
Master Planning

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, the budget supervisor, the 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."

COMPANY LEGAL NAME

ZDS Design/Consulting Services

LOCATION OF INCORPORATION

West Virginia

PRINCIPAL OFFICERS

Todd A. Zachwieja, PE, C.E.O.

Ted T. Zachwieja, Principal

Daniel H. Kim, PhD

Lori Zachwieja, CPA

OFFICES

St. Albans, WV

Morgantown, WV

NUMBER OF EMPLOYEES

ZDS currently employs 14 design professionals.



INDOOR AIR QUALITY SERVICES

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

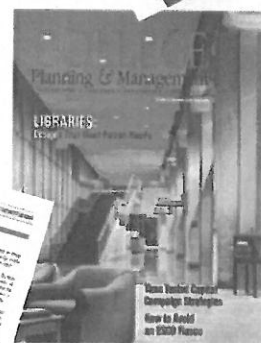
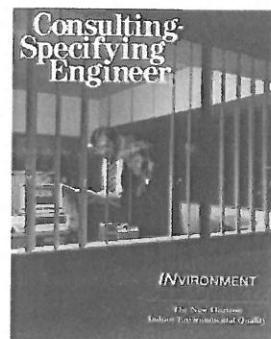
Todd Zachwieja, ZDS principal, is contributing editor for the following IAQ publications:

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

- ZDS provides IAQ services for major corporations, government organizations and property owners to resolve their specific facility problems:

- Resolve the building's "sick building syndrome" complaints.
- Identify solutions to extensive biological contamination building related illnesses in renovated office buildings.
- Develop solutions for HVAC systems, temperature controls, equipment, operating and maintenance practices causing IAQ problems in schools and commercial buildings.
- Commission new and renovated facilities to minimize or eliminate IAQ issues before they become problems.
- Develop and establish master plans as well as conduct training seminars for IAQ of schools and commercial buildings.

As one of the nation's leaders in Indoor Air Quality, ZDS produces sophisticated technical expertise that enables our Client to be proactive in solving and preventing indoor environmental problems.



SUMMARY

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

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

Todd Zachwieja received AEE's LEGENDS IN ENERGY AWARD in 2007 and 2008 for lifetime achievements in energy. The **ZDS** team members take pride in the quality of their projects and have been responsible for designing and implementing numerous energy management programs. These programs are providing significant energy improvements and include optimizing, central utility plant equipment, control systems, air handling systems, lighting systems, and other energy consuming equipment.

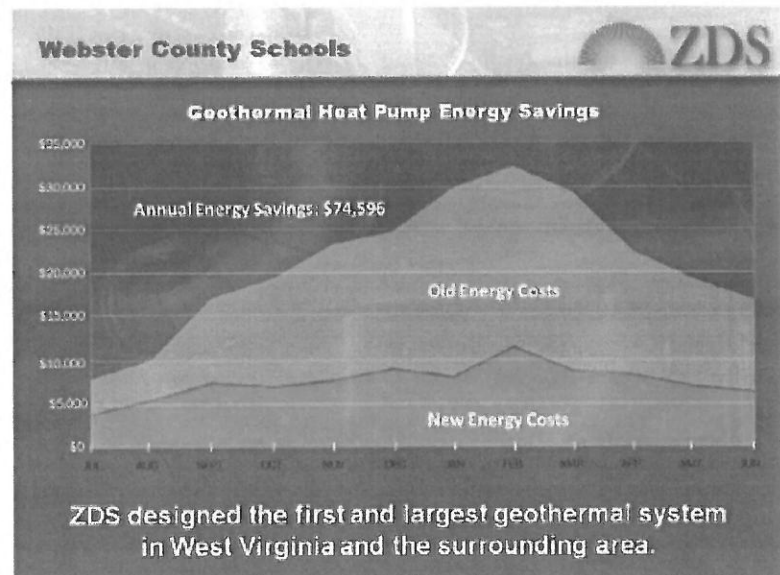


Recent projects include:

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

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

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



The **ZDS** team is trained and experienced in advising you of program options to incorporate energy efficiency and operational savings features into the design of your new construction and renovation projects.

At **ZDS**, we view our role as helping you to define your own energy efficiency needs and goals through identifying energy savings options and providing supporting financial information. We then help you fit your energy efficiency needs and goals into a workable budget and schedule, and then design a program to fill those needs.

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

Subsequent to joining **ZDS**, Todd Zachwieja established commissioning services for one of the nation's largest energy service companies. He is also a LEED's Accredited Professional. Many utility companies and building owners now require commissioning for the new or renovated facilities in order to maximize the use of their investments in their facilities and to obtain LEED's certification. The

commissioning process offers the following benefits:

- Improved comfort, serviceability and Owner understanding of systems and design intent.
- Added technical support for the Owner and being proactive in preventing new problems.
- Reduced maintenance and decreased expenses related to operating deficiencies.
- Early identification and resolution of system discrepancies while designers and contractors are still under contract and on the job.
- Verification of system performance while meeting financial restraints.
- Commission new and renovated facilities to minimize or eliminate IAQ issues before they become problems.

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

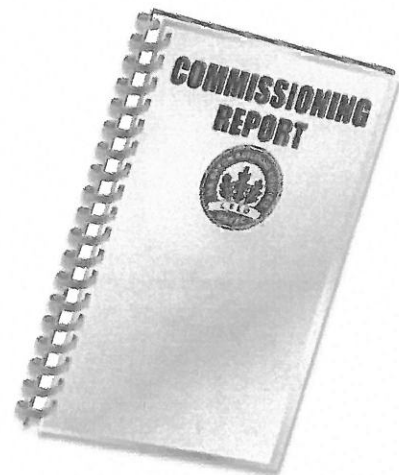
NATIONAL RECOGNITION

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

The principal owners of **ZDS** and their consultants have extensive experience in building commissioning and have saved their customers hundreds of thousands of dollars in construction costs and operating costs through their efforts.

The design team at **ZDS** is the best to provide engineering services for your project. Satisfying our client's individual needs and distinct requirements is the foremost concern of **ZDS**.

The most important member of the design team is the client. We make every effort to involve our clients throughout the entire process, from the planning through the construction and beyond.





The **ZDS** design staff continuously provides engineering design services value well into the millions of dollars on a variety of project types. Designing expertise goes as far back as 1958.

Through the efforts of our staff, project locations include:

West Virginia	Michigan
California	New York
Colorado	North Carolina
Connecticut	Ohio
Florida	Pennsylvania
Georgia	South Carolina
Hawaii	Tennessee
Illinois	Texas
Indiana	Virginia
Kentucky	Washington, DC
Maryland	Wisconsin
Massachusetts	

ZDS clients can rest assured that the design team will be available, not just for the year or two that we are involved in the initial design and construction, but also for years that follow as questions arise about your facility. A good engineered system and its equipment should last 15 to 40 years. Why not select a design firm with experienced staff committed to their projects with a comparable track record.

The **ZDS** design team will provide comprehensive services utilizing experienced staff through planning, cost estimating, engineering, coordination of bidding, regular site visitation during construction and specifications for equipment. You, our client, will greatly benefit from a single point of responsibility for every need your project may have.

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 and the West Virginia Department of Health and Human Resources.

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.

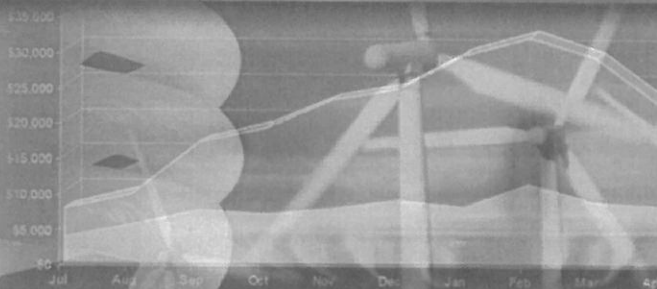
ZDS views these characteristics as the foundation of Quality. We look forward to the opportunity to discuss our ideas with you and assist you by providing solutions for your needs with a full range of services from Planning to Commissioning.

CLIENTS

Greenbrier West High School
Woodrow Wilson High School
James Monroe High School
Winfield High School
East Hardy High School
Raleigh County Schools
Elkins Middle School
Ritchie County Middle School
McDowell County Southside K-8
Smithville Elementary
Webster Springs Elementary



NATIONALLY RECOGNIZED FOR ENGINEERING EXCELLENCE



Energy Management Engineering

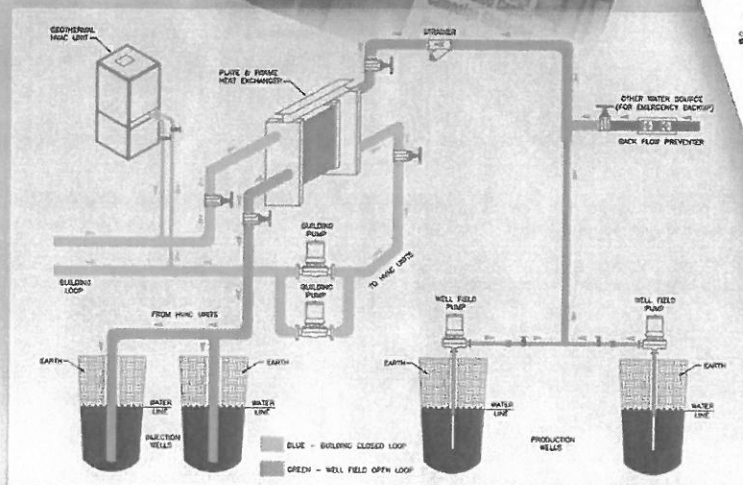
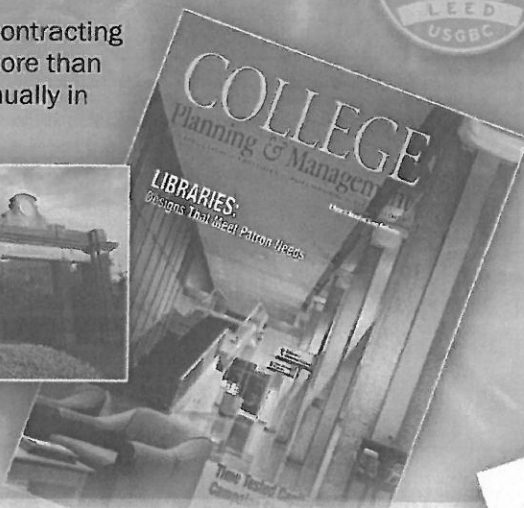
Ohio University—Athens

A performance contracting project saving more than \$2,500,000 annually in energy costs.

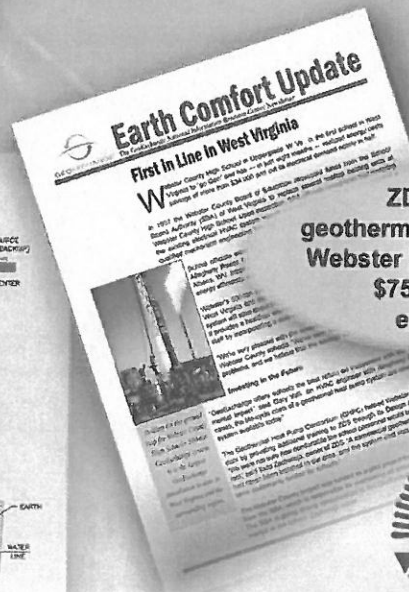


ZDS offers these and other energy management services:

- Compliance with LEED
- Utility Monitoring & Forecasting
- Energy Audits
- Performance Contracting Management
- Utility Savings Verification
- Utility & Government Funding
- Staff Training



Geothermal Open Loop System Designed by ZDS



ZDS designed a geothermal system that saves Webster County High School \$75,000 in annual energy costs.



Design/Consulting Services

Building 5

Building 6

Building 7

Building 3

Building 4

Below: East Wing

West Wing

Museum of Culture & History

The Governor's Mansion



LEED Certified Candidate

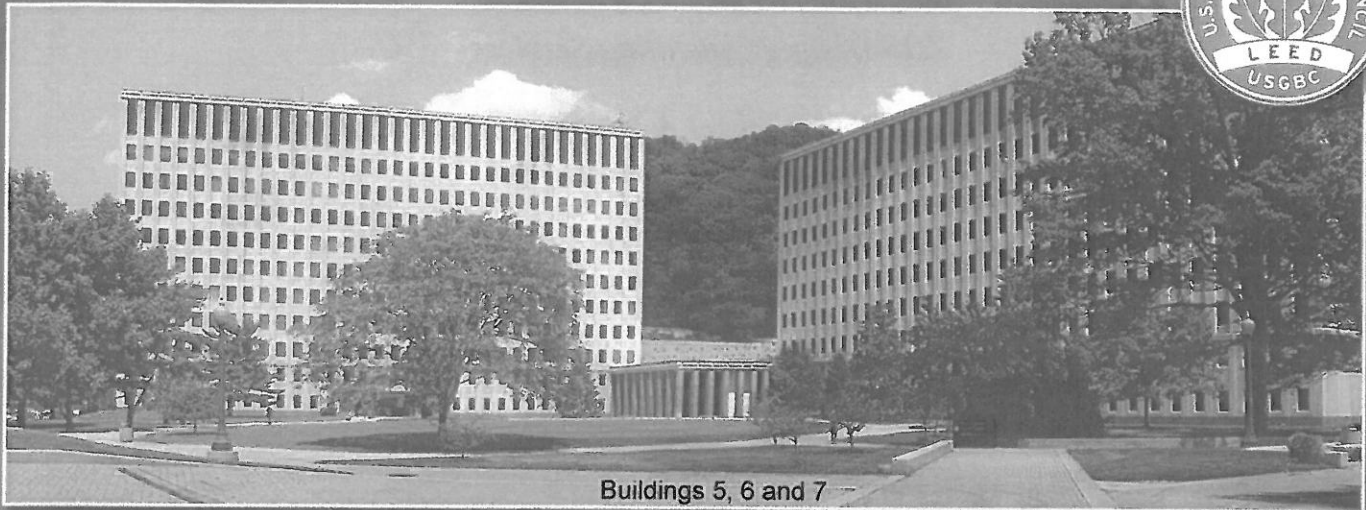
An integration of nine buildings
involving over 1.6 million square
feet of building space.

West Virginia
Capitol Complex
\$20,000,000 investment
paid from savings which
includes a new central
heating plant serving all
these buildings.



Design/Consulting Services

ZDS LEED Project Experience



Buildings 5, 6 and 7



East Wing



West Wing



Building 4



Building 3



Governor's Mansion



Center for Culture and History



West Virginia
Capitol Complex

An integration of nine buildings involving over 1.6 million s.f. including the Capitol, Governor's Mansion, Center for Culture and History, plus six other administration facilities.

LEED Certified Candidate



Design/Consulting Services

ZDS Design/Consulting Services

Project Name: *The Museum of Cultural & History - HVAC Renovations*

Client: *State of West Virginia Charleston, WV*

Client Contact: Mr. Mark Lynch, Director of
Facility Operation
Phone (304) 558-0220, x 160
The Cultural Center - Bldg 9
WV Capitol Complex
Charleston, WV 25305

Mechanical/Electrical/Fire Protection
design, bidding and construction
administration services for retrofitting the
228,500 ft² museum and protecting the
artifacts.

Services: Engineering Master Planning, Indoor
Air Quality evaluation, energy analysis, and



Museum of Culture & History

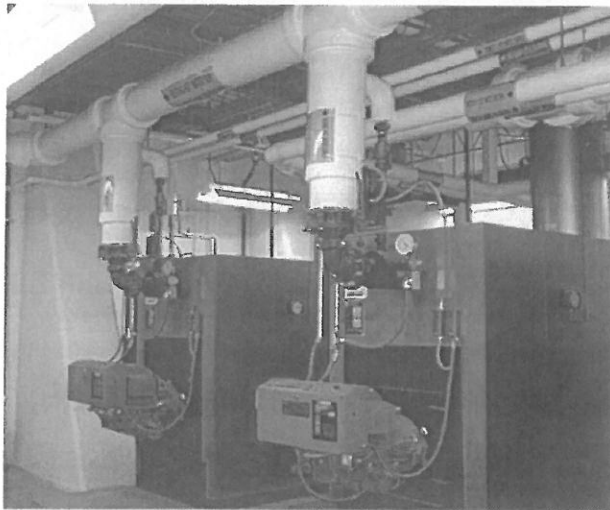
Project Description

ZDS principals and personnel have been involved in numerous design and recommissioning projects for WV State Capitol Complex while at *ZDS* and through other employment over their careers. These projects required the engineering planning, design, supervision, preparation of construction documents, specifications, construction administration, and commissioning of HVAC systems, sprinkler systems, plumbing systems, electrical power, lighting, fire alarm, security, technology and communications. *ZDS* completed the design for the WV Division of Culture and History correcting their long term HVAC and Indoor Air Quality problems in 2001 and were contracted again in 2008 for providing fire alarm and fire protection upgrades.

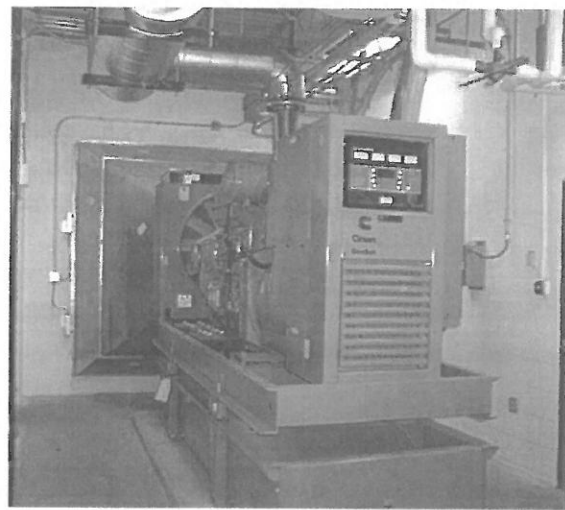
Lack of humidity control damaged many of the State's priceless artifacts. Books and other State collections were deteriorating rapidly due to lack of proper control of temperature, humidity, and

PROJECT EXPERIENCE

filtration. The occupants had also experienced allergic reactions and discomfort from the long term high humidity conditions. ZDS identified and designed the solutions. Conserving energy without sacrificing comfort or indoor air quality was a major consideration. The design included converting an all electric resistance heating system to natural gas, comprehensive DDC controls for central monitoring and control, converting AHU's from constant air volume to variable air volume while meeting stringent ASHRAE Indoor Air Quality requirements, provide variable water volume pumping and interfacing with the facility into the new District campus chilled water system to reduce long term operating cost. The design also included providing new boiler plant with redundancy heating and piping distribution system and an emergency generator to help protect the States priceless collections.



New Boiler Plant



New Emergency Generator

The mechanical and electrical renovations for the State of West Virginia Library Commission stacks and office spaces were also part of a \$4.5 million dollar HVAC and Electrical Renovations for the Division of Culture and History. The retrofits saved energy, improved indoor air quality, and comfort within the building. The Cultural Center renovations were estimated to save near \$153,000 annually over the costs of operating the old system. The fire alarm and sprinkler renovations project is scheduled to be completed in 2010.

ZDS is also involved with master planning and design for the District heating system through a Performance Contracting program for the WV Capitol Complex and was selected to provide engineering planning and design services directly through the WV Division of Protective Services for the WV Capitol Complex and all State of WV owned or operated facilities for security, intercom, emergency power, HVAC systems as they relate to security, fire alarm and related systems. This multiyear agreement could be in effect for 10 years.

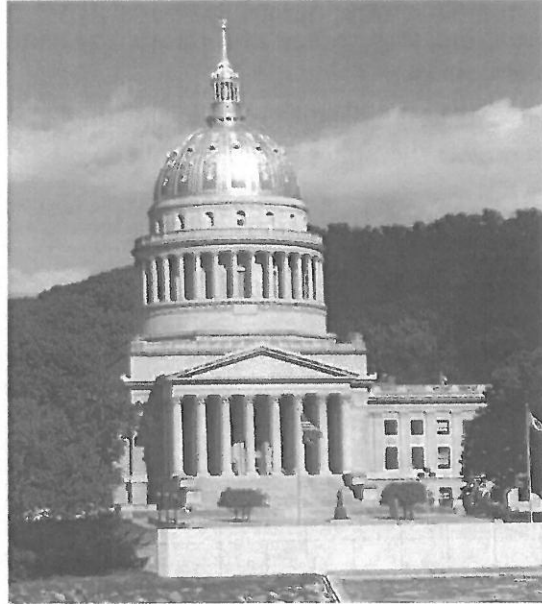
<i>Total Cultural Center Project Cost:</i>	\$6,800,000
<i>Size:</i>	228,500 FT²
<i>Completion</i>	2001 for HVAC, 2010 for FA/Sprinklers

ZDS Design/Consulting Services

Project Name: *State of WV Capitol Complex Performance Contracting
Located in Charleston, WV*

Client Contact: Mr. Russ LaBarbra,
Sr Performance Assurance Eng
Johnson Controls, Inc.
4132 First Ave.
Nitro, WV 25143
Phone: (304)-759-2709
Cell (304) 389-1254

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



Project Description

ZDS Design/Consulting Services and Johnson Controls Inc.

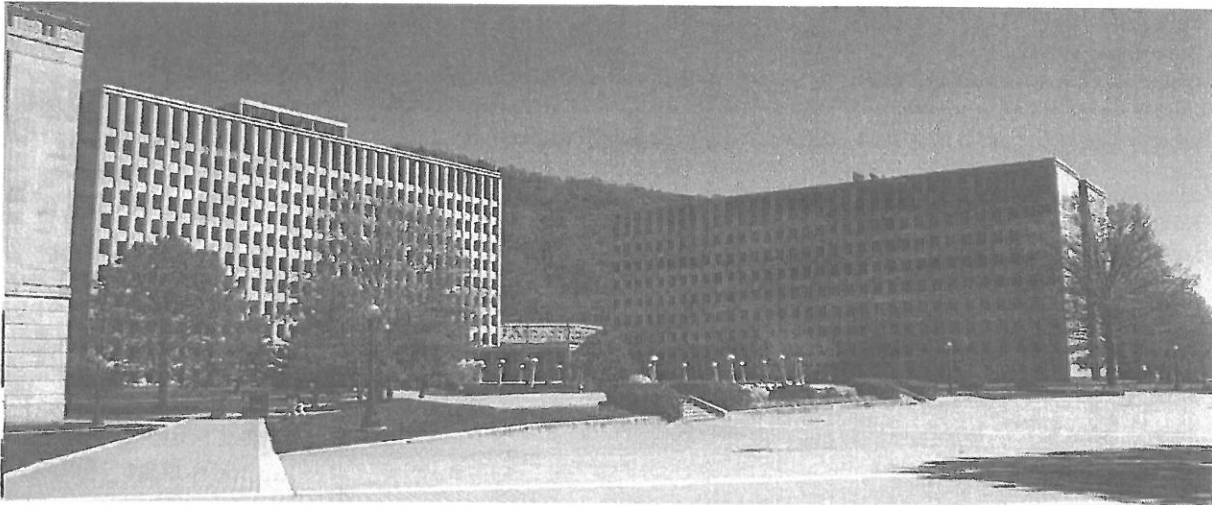
The State of West Virginia was aware that their facilities at the Capitol Complex were aging and in need of significant infrastructure upgrades but were having difficulty in appropriating the necessary funding to make such improvements. Many of the existing boilers and other primary heating equipment are past their expected service life and are in disrepair. The State of West Virginia passed a new bill in 2003 that permits Performance Contracting to be used as an avenue for implementing infrastructure upgrades in State facilities provided the upgrades self-fund within a 15 year time period. The State elected to solicit proposals from various ESCO's with the intention of crafting a major improvement project that would reduce operating costs to the State as well as pay for itself over the 15 year period. After an extensive review and selection process, the Team of Johnson Controls Inc. and ZDS Design/Consulting Services was selected. The scope of the proposal included various energy conservation measures to the Capitol Building as well as Buildings #3, 4, 5, 6, 7 and others. Significant HVAC improvements were engineered for the Capitol Building, as well as Buildings #3, 4, 5, 6, 7, 8 (Governor's Mansion) and provisions for #10 (Holly Grove) plus additional future capacity.

A central heating plant anchored the Facility Improvement Measures. It yielded the elimination of 14 failing boilers with provisions for future expansion of up to 250,000 square-feet of office space. A centralized heating plant offers greater efficiency in overall system operation,

PROJECT EXPERIENCE

centralized control and maintenance of primary heating equipment, with the added benefit of supplemental capacity in the event of a boiler failure. The first phase of the program began in May 2005 with the evaluation of the existing heating plants, HVAC equipment, and their sub-systems to quantify deficiencies and potential opportunities to improve comfort, IAQ, extension of equipment life and an overall reduction in operating costs. Preliminary engineering studies reflected that millions of dollars could be saved annually in energy, operating cost and deferred capital costs by implementing this multi-million dollar program.

Some typical improvements include either the replacement or retrofit of major air handling units, reestablishing proper control strategies, reducing outdoor air intake quantities when allowable, installing new building automation equipment, general HVAC equipment repairs and replacement, documentation of existing and post construction conditions, and establishing a consistent overall operating strategy. Individual HVAC systems are also being enhanced to meet applicable codes and standards. Exhaustive hours were spent with the State in assisting them with the identification and prioritization of facility improvement measures. The time spent also identified potential construction issues with an emphasis on critical phasing requirements.



The program's work was expanded as the State realized the value of the program and aids in helping them operate their facilities more efficiently and effectively. The WV Division of Protective Services also incorporating some of the integrated campus wide security, fire alarm, intercom, emergency power, and communications infrastructure upgrades either in with the base program work, or through separate projects planned for 2,137,400 square-feet involving 15 buildings at the campus.

Performance Contracting Program Costs:

Potential Savings:

Size:

Completion:

Up to approximately \$20,000,000

Improvements self-fund within 15 years

1,929,155 FT²

2007 for Construction

ZDS

Design/
Consulting
Services

Todd (Ted) A. Zachwieja
PE, C.E.M., LEED AP

Chief Executive Officer
Principal-in-Charge M/E/P Design

Todd has more than 30 years of experience in the design, construction management, and specifications for mechanical engineering, heating, ventilating, air conditioning, plumbing, electrical, and lighting, as well as indoor air quality analysis and building system commissioning for educational, commercial, industrial and health care facilities. His specialties include mechanical engineering, HVAC systems master planning, conceptual design, energy conservation program development, commissioning and IAQ analysis relating to HVAC systems. He has extensive experience in industrial, commercial, hospitals and educational design.

Prior to joining ZDS, Todd Zachwieja coordinated millions in comprehensive energy conservation programs resulting in annual energy savings of millions per year and managed a profitable regional office for one of the country's largest energy service companies covering southeastern United States. He also developed computer programs for building energy analysis and monitoring and presented technical papers at regional and national conferences. Some of Todd's project experience includes:

GOVERNMENT AND COMMERCIAL

- Bank One – WV
- Bayer Material Science
- Calvert County Aquatic Center, MD
- Culture Center HVAC renovations
- General Motors Corporation of North America Re-commissioning Program
- Kanawha County Commission – 120,000 sf additions/renovations for the Judicial Annex/Kanawha County Courthouse – Charleston
- Kohl's
- Laidley Towers – Charleston
- Mercer County Courthouse Annex – Princeton
- Olin Corporation
- Phillip Morris USA
- Rhone-Poulenc
- Santa Anna Federal Building, CA
- State of WV Capitol Complex Central Heating Plant and Renovations
- Sears
- Saint Patrick Church Renovations
- Sacred Heart Pavilion
- Toyota Motor Manufacturer, WV Inc.
- Union Carbide/DOW
- United Center – Charleston
- Walker Machinery
- West Virginia Air National Guard
- West Virginia Army National Guard
- West Virginia Department of Transportation/DOH
- West Virginia Division of Protective Services
- West Virginia Higher Education Authority
- West Virginia General Services Division
- West Virginia Parkways Authority
- West Virginia Public Service Commission Headquarters
- West Virginia State Capitol Complex renovations
- Yeager Airport

Todd also designed one of the largest geothermal heat pump applications in the mid-Atlantic region, and commissioned HVAC systems and mechanical engineering at many General Motors' facilities in North America.



EDUCATION

Bachelor of Science in Mechanical Engineering from West Virginia Institute of Technology in 1982

Masters of Science in Engineering Management from the University of West Virginia College of Graduate Studies in 1989

REGISTRATIONS

West Virginia, No. 10,127

Certified Energy Manager (C.E.M.), National Certification

LEED® Accredited Professional, National Certification through USGBC

Georgia, No. 18253

Kentucky, No. PE-17961

North Carolina, No. PE-017445

Ohio, No. E-53587

Pennsylvania, No. PE-040929-R

South Carolina, No. 25985

Virginia, No. 0402 025427

Todd (Ted) A. Zachwieja
(Continued)

HEALTH CARE

- Bluefield Regional Medical Center
- Cabell Huntington Hospital
- Charleston Area Medical Center - millions in renovation and new construction design, including commissioning of Charleston Area Medical Center's \$41 million Surgery Replacement Center
- Charleston Area Medical Center General Division
- Charleston Area Medical Center Women & Children's Hospital
- Charleston Surgical Center
- Family Practice Center
- Jackie Withrow Hospital
- John Manchin Sr. Health Care
- Hometown Healthcare Center
- Hopemont Hospital
- Lakin Hospital
- Lewistown Outpatient Surgical Facility, PA
- Mercy Medical Center
- Mildred Mitchell-Bateman Hospital
- Monongalia General Hospital
- Montgomery General Hospital
- St. Joseph's Hospital
- St. Mary's Hospital
- Summersville Memorial Hospital
- Surgicare Center
- Thomas Memorial Hospital
- United Hospital Center
- VA Hospital - Clarksburg
- VA Hospital - Huntington
- Wayne Memorial Hospital
- Webster Memorial Hospital
- Welch Community Hospital
- William R. Sharpe Jr. Hospital

EDUCATIONAL

Colleges and Universities

- Alderson Broadus College
- Bluefield State College
- Concord University
- Fairmont State College
- Harvard University
- Marshall University
- Ohio University's Athens Campus
- Ohio University's Chillicothe campuses
- Southern West Virginia Community & Technical College
- University of California-Davis
- University of Charleston
- Washington & Lee University
- WVU Institute of Technology
- West Virginia State University
- West Virginia University
- West Virginia Wesleyan College

Todd was recognized nationally for his work with Ohio University in development of multiple performance contracting programs that are anticipated to save \$2.5 million annually in energy and operating costs. He has been involved in 100's of higher education facilities.

Schools

M/E/P design for schools in the following West Virginia counties include Calhoun, Clay, Grant, Greenbrier, Hardy, Harrison, Jackson, Kanawha, Lewis, Logan, Marion, McDowell, Mercer, Mingo, Monroe, Ohio, Pocahontas, Putnam, Raleigh, Randolph, Ritchie, Summers, Taylor, Tucker, Upshur, Webster, and Wyoming.

Some of Todd's project experience includes the development and design of a pilot geothermal heat pump HVAC with variable speed pumping system at Webster County High School, which reduced electric bills by more than 40% while meeting IAQ requirements. He has been involved in 100's of school facilities.

PROFESSIONAL AND COMMUNITY AFFILIATIONS

Charter member Mountaineer Chapter of American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)

Served as ASHRAE's Energy and Technical Affairs Chairman for six years

Recognized by the International Who's Who of Professionals

Recognized nationally as West Virginia's Business Man of the Year

Recognized nationally in 2007 as a "Legend in Energy"

Recognized 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

Member of the American Association of Hospital Engineers

Member of the National Society of Professional Engineers

Member of the National Society of Plumbing Engineers

Member of the International Code Council

Contributing editor and served on the Editorial Review Panel for "The Handbook of Building Management and Indoor Air Quality," "Ventilation for a Quality Dining Experience," INvironment Professional, Power Prescriptions and other publications and articles dealing with Indoor Air Quality (IAQ) and MEP engineering systems

Presented at regional and national conferences including the annual National System Commissioning Conference

Ted T. Zachwieja**Principal-in-Charge
Construction Administration**

Ted has over 52 years of experience in mechanical and electrical systems design and construction administration. His specialties include the design and development of mechanical and electrical systems, master planning and budgeting for mechanical and electrical systems, and management of complex design and construction projects. He is also a Codes and Standards Specialist. Ted has been involved in all aspects of mechanical and electrical design and construction since 1958, including machine design, structural design and design of heating, ventilating, air conditioning, plumbing, fire protection and electrical systems.

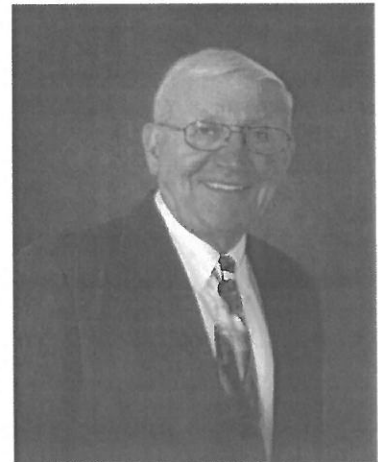
Ted's experience includes work for U.S. Steel, Union Carbide, Rhone-Poulenc, Bluefield Regional Medical Center, Charleston Area Medical Center, United Hospital Center, Kanawha County Schools, Marshall University, West Virginia Capitol Complex, West Virginia Institute of Technology, West Virginia University, Bank One and many others in the private sector. Ted's design regarding Chase Towers - Charleston included conducting a comprehensive energy audit, design of a Building Automation Energy Management System, HVAC renovations, design of flat plate heat exchanger system for the perimeter fan coil units and design of the boiler replacement.

Ted was involved with the mechanical and electrical renovations for the State of West Virginia Division of Culture and History as part of a total \$4.5 million project. The indoor air quality, temperature and humidity each were not in accordance with good design practices for this type of structure. ZDS was commissioned to correct these deficiencies while conserving energy.

Ted was selected as one of three engineers to train and teach a course designed by the Department of Energy and American Society of Heating, Refrigeration and Air Conditioning Engineers for emergency building temperature restrictions.

Prior to forming ZDS, Ted was regional manager for a hospital design firm and responsible for designing, construction management and project management for over \$200 million in hospital and health care facilities. The facilities were located over the eastern United States.

Ted's most recent health care experience includes lighting projects and various studies for seven hospitals for the West Virginia Department of Health and Human Resources - Jackie Withrow Hospital, Beckley; Hopemont State Hospital, Terra Alta; John Manchin, Sr. Health Care Center, Fairmont; Lakin State Hospital, West Columbia; Mildred Mitchell-Bateman Hospital, Huntington; Welch Community Hospital, Welch; and William R. Sharpe, Jr. Hospital, Weston. Other health care experience includes millions in renovation and new construction design for Charleston Area Medical Center's (CAMC) Special Care Facility, Bluefield Regional Medical Center, Monongalia General Hospital, Montgomery General Hospital, United Hospital Center, St. Mary's Hospital, Summersville Memorial Hospital, Thomas Memorial Hospital, Webster Memorial Hospital, Cabell Huntington Hospital, Welch Emergency Hospital Surgicare Center, VA Hospital - Clarksburg, VA Hospital - Huntington, Mercy Medical Center, and Webster Memorial Hospital.

**EDUCATION**

Bachelor of Science in Mechanical Engineering, West Virginia Institute of Technology, 1958

**PROFESSIONAL AND
COMMUNITY AFFILIATIONS**

Construction Specifications Institute
(Charter Member)

American Society of Mechanical
Engineers

American Society of Heating,
Refrigeration & Air Conditioning
Engineers (ASHRAE)

WV Mountaineer Chapter ASHRAE
Past President and Charter Member

Association of Energy Engineers

Association of Hospital Engineers

WV Society of Hospital Engineers

Professional Affiliate Member of AIA

WV Association of Physical Plant
Administrators

Ted T. Zachwieja**(Continued)**

Ted has been involved in the planning, design and construction administration of Concord University's Technology Center and Concord's campus medium voltage upgrades, Marshall University's Harris Hall renovations, Southern West Virginia Community & Technical College's renovations, West Virginia University's (WVU) White Hall and Armstrong Hall, WVU's Wise Library Sprinkler System, WVU's Chilled Water Loop Interconnect – Morgantown, Charleston Area Medical Center (CAMC), Memorial Division Chiller Replacement, CAMC's General Division Chiller Replacement, Variable Pumping System and Chillers Interconnect – Charleston, and many others.

Throughout the years, Ted has worked on new and renovation projects such as West Virginia University Stadium and Forestry Building – Morgantown, addition and renovation of the air conditioning system for the West Virginia State Capitol Building – Charleston, Conley Hall and Science Building HVAC renovations and additions, West Virginia Institute of Technology - Montgomery, Indoor air quality (IAQ) and HVAC renovations of Andrew Jackson Junior High School for Kanawha County School Systems, Fume Hood Design and HVAC additions and renovations for Union Carbide - Charleston and Rhone Poulenc - Institute, HVAC renovations for the Benedum Student Center at West Virginia Wesleyan College - Buchannon, Greenbrier East and Greenbrier West Schools, Mingo County Schools, Raleigh County Schools including new Shady Springs Middle School, new Trap Hill Junior High School, Academy of Career and Technology Center HVAC renovations, Marsh Fork Elementary renovations, Park Middle School renovations, Woodrow Wilson High School renovations, Randolph County's Elkins Middle School renovations, Pocahontas County High School (Geothermal) renovations, Wyoming County Schools, Tucker County Schools, Webster County High School, Glade Elementary/Middle School and Webster Springs Elementary School HVAC renovations (Geothermal) and exterior renovations, and various other secondary schools.

Jennings L. Davis II, P.E., CIE**Mechanical Engineer**

Jennings has more than 20 years of experience in the design, project management and construction of heating, ventilating and air conditioning (HVAC), plumbing, electrical and specialized systems for healthcare, institutional and commercial facilities. His professional experience includes 11 years as an Owner's Representative at West Virginia University (WVU) in the positions of Staff Engineer and Construction Project Manager, 5.5 years as Mechanical Engineer for the West Virginia Department of Education (WVDE), and six years as a Project Engineer with a design and consulting engineering firm.

During his employment with WVU, Jennings was responsible for management of major repair and capital construction projects designed by outside Architectural and Engineering firms with budgets ranging from \$50,000 to \$37,000,000, as well as the design of smaller in-house projects ranging from \$10,000 to \$500,000. While working for the WVDE, he was responsible for quality control of design documents for various construction projects; troubleshooting maintenance for HVAC controls and for Indoor Air Quality (IAQ); recommissioning of HVAC systems to original design parameters; recommendations for HVAC operational and energy savings procedures; and training of maintenance personnel. He investigated facilities concentrating primarily on HVAC operation and occupant safety. Tasks included IAQ measurements such as temperature, humidity and carbon dioxide; HVAC equipment visual inspection; life safety assessment; and building component checks.

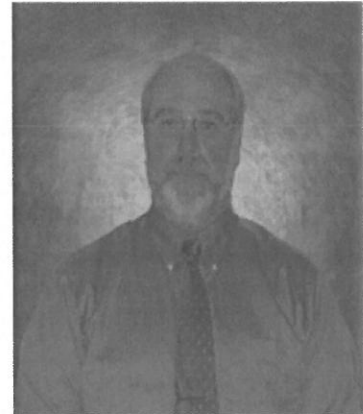
As a Project Engineer, Jennings specializes in developing scope, budget and design parameters; establishing program requirements through interaction with Owners and other Team members; design reviews; budget analysis and control; schedule control; complete design oversight and task assignment; and project closeout. Some of the projects he has been involved with include numerous renovation projects at several VA Medical Centers including multiple radiology room/suite installations and renovations, MRI's, X-ray and CT Scanners, Emergency Department renovations, numerous hospital out-patient treatment areas and specialty clinic renovations, a new \$4.4 million Hospice facility at the VA Medical Center in Coatesville, Pennsylvania, and a new \$5 million Medical Office Building for Somerset Hospital in Somerset, Pennsylvania.

Other projects include a \$37 million addition and renovation to WVU's Wise Library, a \$2.1 million chiller replacement for WVU's Engineering Sciences Building, a new primary 23kV power feed to the existing sub-station for the WVU Coliseum, engineering design for a hydrogenation reactor laboratory for WVU's Engineering Research Building, an \$8 million HVAC and sprinkler renovation for WVU's Armstrong Hall and HVAC design for transmitter station for the West Virginia Public Broadcasting Station.

A more complete list of Jennings' clients includes the following:

SCHOOLS AND UNIVERSITIES

- West Virginia University (WVU)
 - Wise Library addition and renovation
 - Engineering Sciences Building chiller replacement
 - Coliseum's new primary 23kV power feed to existing sub-station
 - Engineering Research Building hydrogenation reactor laboratory
 - Armstrong Hall HVAC and sprinkler renovation
- Shepherd University Ikenberry Hall HVAC Renovation

**EDUCATION**

BS in Mechanical Engineering from
West Virginia University

REGISTRATIONS

Professional Engineer West Virginia
No. 15060

Professional Engineer Pennsylvania
No. PE062186

Professional Engineer Virginia No.
040028

PROFESSIONAL AFFILIATIONS

American Society of Heating,
Refrigeration and Air Conditioning
Engineers (ASHRAE)

Jennings L. Davis, P.E., CIE
(Continued)**HEALTH CARE**

- Children's National Medical Center (CNMC) 5-story East Wing Addition, New Horizons Office Renovations, 2nd Floor Vending Area Renovations, Quarantine Infection Control System Modifications, Pulmonary Renovations and Pharmacy Renovations
- Heritage Valley Health Systems (HVHS) TMC (The Medical Center) and Sewickley Valley Hospital (SVH) Radiology Reading Room, Cafeteria Renovations, Outpatient Clinic and ED Renovations
- HVHS/Moon Imaging X-Ray Relocation
- HVHS/TMC Lab HVAC Corrections, Bulk Oxygen Supply and Storage Replacement, Steam Deaerator Replacement
- Indiana (Pennsylvania) Regional Medical Center (IRMC) Blairsville Medical Office Building, Computer Room 2 A/C
- Mount Nittany Medical Center (MNMC) commissioning for East Wing addition, ED renovations, Central Utility Plant upgrades, Special Services/Computer Services Building
- Somerset Hospital ADL Suite Fit-out, Medical Office Building, Cath Lab Renovation, CT Replacement, X-Ray Replacement
- VAMC Clarksburg 4th Floor Renovations (Psychiatric Suite)
- VAMC Coatesville New Hospice
- VAMC Huntington Mental Health-Psychiatric Residential Rehabilitation Treatment Program (MH PR RTP)
- VAMC Philadelphia Canteen Renovations, Dental Lab Renovations, ED and Patient Processing Renovations, Home Health Renovations, Medical Records Renovations, MRI Renovations, CT Scan Renovations, Angio Suite Renovations, Specialty Clinic Renovations, OR Suite HVAC System Upgrades, Chiller and Cooling Tower Replacements, New Patient Transport Elevator, Clean Steam System for Facility Wide Humidification
- West Virginia Department of Health and Human Resources Hospitals:
 - Jackie Withrow Hospital, Beckley
 - Hopemont State Hospital, Terra Alta
 - John Manchin, Sr. Health Care Center, Fairmont
 - Lakin State Hospital, West Columbia
 - Mildred Mitchell-Bateman Hospital, Huntington
 - Welch Community Hospital, Welch
 - William R. Sharpe, Jr. Hospital, Weston

OTHER EXPERIENCE

- West Virginia Parkways Authority
- West Virginia Air National Guard (WVANG) New Hangar Commissioning
- West Virginia Public Broadcasting Station HVAC design for transmitter station

James W. Lowry, P.E.**HVAC, Fire Protection, Plumbing
and Commissioning Engineer**

James has seven years of experience and has completed extensive HVAC design training at Carrier Training Center, Syracuse, New York, and hydronic design/applications at the B&G Training Center, Chicago, Illinois. He also had special courses in Finite Element Analysis, Vibration Analysis, Fluid Power, Automatic Controls, Industrial Instrumentation, and Programmable Logic Controllers (PLCs).

James' experience includes the design for mechanical engineering, heating, ventilating, air conditioning, plumbing, electrical and lighting for educational, health care, industrial and commercial facilities. He specializes in HVAC, fire protection and plumbing design and commissioning. He researches and applies International Building Codes, NFPA, ASHRAE standards and the AIA Guidelines for Design and Construction of Health Care Facilities.

Some of James' project experience includes the following:

EDUCATIONAL

- Concord University Technology Center
- Davis Thomas Elementary/Middle School
- Eastern Greenbrier Middle School addition
- Elkins Middle School HVAC/electrical renovations
- Glade Elementary/Middle School renovations
- Greenbrier West High School additions/renovations
- Harvard University
- Jaeger/Panther Elementary School
- Independence Middle School
- James Monroe High School HVAC renovations
- Man/Central Elementary addition
- Marshall University
- New McDowell County Southside K-8 School
- Park Middle School HVAC renovations
- Pleasant Hill Elementary renovations
- Ritchie County Middle/High School HVAC/plumbing renovations
- Shady Spring Elementary School
- Smithville Elementary School additions/renovations
- South Charleston High School
- Tucker County High/Career Center HVAC renovations
- West Virginia University Institute of Technology – Engineering Building Evaluation
- Woodrow Wilson High School HVAC/electrical renovations

INDUSTRIAL

- Bayer Material Science
- West Virginia Higher Education Policy Commission (WVHEPC) South Charleston Tech Center – Campus Comprehensive Infrastructure Evaluation

**EDUCATION**

BS in Mechanical Engineering from
West Virginia University Institute of
Technology, Montgomery, WV in 2004

REGISTRATIONS

West Virginia State Board of
Registration for Professional Engineers

Professional Engineer West Virginia
No. 18948

PROFESSIONAL AFFILIATIONS

American Society of Mechanical
Engineers (ASME)

American Society of Heating,
Refrigeration and Air Conditioning
Engineers (ASHRAE)

James W. Lowry, P.E.
(Continued)

Project Experience (Continued)

COMMERCIAL

- 4-H Camp Muffy Training/Dining facility
- Burnsville Rest Areas
- Cass Railroad Clubhouse renovations
- Department of Transportation Rest Area prototype
- Department of Transportation Welcome Center prototype
- Hardy County Daycare Center
- I-70 Welcome Center
- Jackson County Courthouse Annex
- Kanawha County Judicial Annex
- Mason County Courthouse
- Meadowbrook Rest Area
- Morgantown Welcome Center
- Multiple branch banking facilities
- Pendleton County Courthouse additions/renovations
- Point Pleasant River Museum addition
- Tucker County Courthouse renovations
- Webster County Multi-tenant build-out
- West Union Bank Award Winning new facility
- West Virginia Air National Guard – Commissioning for \$43 million maintenance and fuel cell hangars
- West Virginia Capitol Complex Performance Contracting HVAC Retrofits and Master Planning for Security/Fire Alarm/Life Safety systems
- White Sulphur Springs Rest Area

HEALTH CARE

- Charleston Area Medical Center (Wound Center)
- Charleston Surgical Center
- VA Hospital, Huntington - steam replacement, water line replacement and CT Scan renovations
- West Virginia Department of Health and Human Resources:
 - Jackie Withrow Hospital, Beckley
 - Hopemont State Hospital, Terra Alta
 - John Manchin, Sr. Health Care Center, Fairmont
 - Lakin State Hospital, West Columbia
 - Mildred Mitchell-Bateman Hospital, Huntington
 - Welch Community Hospital, Welch
 - William R. Sharpe, Jr. Hospital, Weston

Marshall Cochran**MEP CAD Designer
Technical Analyst**

Marshall has approximately 20 years experience specializing in Computer-Aided Drafting and design and is presently working with AutoCAD 2008 and Revit 2011. He has a comprehensive knowledge of AutoCAD and Integraph.

Marshall has been involved in the design and production of mechanical, electrical, fire protection, plumbing, process piping, structural and civil schematic design, design development and construction documents for colleges and universities, schools, health care, industrial and civil organizations in the states of Utah, Nevada, West Virginia, Virginia, Ohio and Pennsylvania. Marshall has developed site utility drawings, plan views, isometric views, elevation, flow diagrams, riser diagrams, details and schedules, for a complete set of working documents.

Some of Marshall's project experience includes the following:

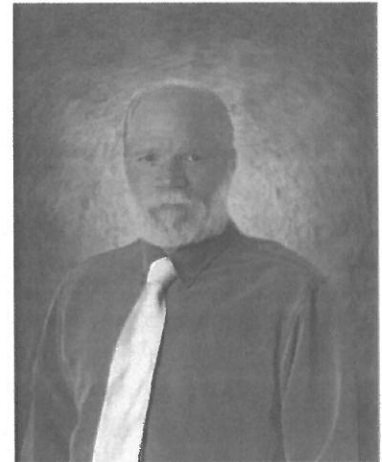
HEALTH CARE

- Charleston Area Medical Center (CAMC)
- CAMC Wound Care Center
- Montgomery General Hospital
- Outpatient Surgery Facility of Pennsylvania
- St. Joseph's Hospital
- United Hospital Center
- VA Hospital, Huntington
- Webster Memorial Hospital
- West Virginia Department of Health and Human Resources:
 - Jackie Withrow Hospital, Beckley
 - Hopemont State Hospital, Terra Alta
 - John Manchin, Sr. Health Care Center, Fairmont
 - Lakin State Hospital, West Columbia
 - Mildred Mitchell-Bateman Hospital, Huntington
 - Welch Community Hospital, Welch
 - William R. Sharpe, Jr. Hospital, Weston

EDUCATIONAL

- Bluefield College
- Bluefield State College
- Concord University
- Marshall University
- Ohio University
- Southern West Virginia Community and Technical College
- West Virginia Wesleyan College
- Washington and Lee University
- West Virginia University
- Mechanical, electrical and plumbing renovations for schools in the following counties in West Virginia:

Calhoun	Mingo
Clay	Monroe
Grant	Raleigh
Greenbrier	Randolph
Hardy	Ritchie
Harrison	Putnam
Jackson	Pocahontas
Kanawha	Summers
Lewis	Taylor
Logan	Tucker
Marion	Upshur
McDowell	Wayne
Mercer	Webster
	Wyoming

**EDUCATION**

Associate Degree in Computer-Aided Drafting, ITT Technical Institute, Murray, Utah, 1990

Has completed various courses at Parkersburg Community College, Parkersburg, West Virginia and Arch Moore Vo-Tech, Frozen Camp, West Virginia

GOVERNMENT AND COMMERCIAL

- Kanawha County Judicial Annex HVAC renovations
- Morgantown Welcome Center
- I-70 Welcome Center
- DOT Welcome/Rest Area Prototypes
- DOT Boiler and Chiller replacement
- West Virginia Culture Center HVAC renov.
- Cass Scenic Railroad Clubhouse renov.
- Bluefield Area Transit Authority Administration and Maintenance Facility
- Jackson County Libraries
- Point Pleasant River Museum
- Dudley Public Safety Center Fire Station
- Hardy County Daycare Center
- United States Department of Agriculture – Forest Products Marketing Laboratory
- Hart Field Maintenance Building
- Bank One of Charleston
- General Motors
- Toyota
- West Virginia Public Service Commission Headquarters Building
- West Virginia Capitol Complex Central Boiler Plant
- Kanawha County Circuit Court Room
- Fairmont Boys Home

Mark A. Moore, P.E.**Project Manager
Electrical, Mechanical and Plumbing**

Mark has over ten years of experience in electrical engineering, lighting, plumbing, technology, mechanical engineering, heating, ventilating and air conditioning for educational, commercial and health care facilities. He researches and applies, International Building Codes, NFPA, Illuminating Engineers Society standards and National Electric Code in design. Mark has a strong background in microprocessor and microcomputer design. He is also responsible for Information Technology functions for ZDS and our customers.

Mark is an information systems and technology specialist and provides networking solutions and Windows based programming system solutions. He specializes in electrical power, security, fire alarm, lighting, plumbing, HVAC piping, and fire protection. Some of Mark's experience includes:

EDUCATIONAL

- Bluefield High School/Performing Arts Center
- Clay Elementary
- Concord University Technology Center
- Elkins Middle School
- H.J. Kaiser Elementary School
- James Monroe High School
- Ohio University Bennett Hall mechanical and electrical renovations
- Park Middle School
- Ravenswood High School
- Ritchie Middle/High School
- Tucker County High/Career Center
- Webster Springs Elementary geothermal heat pump system
- Winfield High HVAC/Electrical renovations
- Pocahontas County High School renovations/Science Center additions
- New McDowell County Southside K-8 School
- Woodrow Wilson High HVAC/electrical renovations

HEALTH CARE

- Hopemont State Hospital fire alarm renovations
- Charleston Area Medical Center
- United Hospital Wound Center

COMMERCIAL

- Cass Railroad Clubhouse renovations
- DOT Rest Area and Welcome Center prototypes for the WV Department of Transportation
- 4-H Camp Muffly Training/Dining facility
- Hardy County Daycare facility
- Jackson County Courthouse Annex
- Kanawha County Judicial Annex
- Mason County Courthouse
- New Mercer County Courthouse Annex
- Multiple branch bank facilities
- Camp Dawson Barracks security renovations
- Award winning Webster County IMC office facilities
- Pendleton County Courthouse additions/renovations
- New Webster County multi-tenant building
- West Virginia Capitol Complex performance contracting HVAC retrofits
- West Virginia Capitol Complex master planning for security/fire alarm/life safety systems

EDUCATION

BS in Electrical Engineering from West Virginia University Institute of Technology, Montgomery, WV in 2001

REGISTRATION

Professional Engineer, West Virginia,
No. 17286



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Projects

WYK Associates, Inc.



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Renovation & Adaptive Reuse Projects

WYK Associates, Inc.



Vienna Public Library
Vienna, WV

United Summit Center Day Treatment Center 2012

Contact: Jeffrey L. Pritchard, Director of Operations
(304) 623-5661

Vienna Public Library 2011

Contact: Alice Thomas, Director
(304) 295-7771



ARC Office
Clarksburg, WV

Health Access 2010

Contact: James A. Harris, Executive Director
(304) 622-2708

Fairmont State University 2006 – 2011

Contact: Stephanie Slaubaugh, Construction Project Manager
(304) 367-4861



Health Access
Clarksburg, WV

Pocahontas County Courthouse 2009- Present

Owner: Pocahontas County Commission
Contact: Melvin Martin, Safety Director
(304) 799-3985



Harrison County Senior
Citizens' Center
Clarksburg, WV

Antero Resources 2012

Renovating two office buildings.

Contact: John Giannaula, Director of Administration
(303) 357-6809

ARC Office 2007

Renovate a 2,500 sf former computer center for offices with ADA compliant toilets and entries and an upgraded façade

Owner: Association of Retarded Citizens, Clarksburg, WV

Contact: Al Wiggins, Project Manager
(304) 624-3641, Ext 110

North View Fire Substation 2007

Renovate an existing gas utility company's pre-cast concrete service center for a training facility with updated men's and women's toilet/shower facilities, kitchen, mechanical and life safety systems plus a 12 x 60 pre-engineered addition to contain the city's disaster response equipment and to house a substation with 3 apparatus bays and a wash bay.

Owner: City of Clarksburg, WV

Contact: John Keough, Clarksburg Fire Chief
(304) 624-1669 Ext 101



Wound Center for UHC
Bridgeport, WV



WYK ASSOCIATES, INC.
ARCHITECTURE · PLANNING

Renovation & Adaptive Reuse Projects

WYK Associates, Inc.



Bridgeport Public Library
Bridgeport, WV



Dominion Exploration
and Production
Jane Lew, WV



North View Fire Station
Clarksburg, WV



Dixon & Hughes, Inc.
Clarksburg, WV

Allegheny Power System – Robinson Building 1999,2000,2001

Three phases of renovations to convert warehouse space for offices, employee's shower and locker room, upgrade electrical, HVAC and data systems, and provide accommodations for current accessibility standards.

Owner: Allegheny Energy, Parkersburg, WV

Contact: Bob Shaver, Superintendent of Building Maintenance
(304) 367-3263

Dominion Appalachian Development 2000

Conversion of existing 7400 sf National Guard Facility into ADA compliant offices, connected by a covered walkway to their existing office building, including façade renovation to match the structures.

Owner: Dominion Appalachian Development, Inc., Jane Lew, WV

Contact: Mike Hines, Manager of Supply Chain Services
(304) 884-2046

Taylor County Courthouse 1999, 1997

Extensive renovations of an open parking area under the building to become Magistrate's Court and ADA/building code requirements Expansion of Clerk's Record Rooms and addition of an exterior canopy.

Owner: Taylor County Commission, Grafton, WV

Contact: Nancy Fowler, County Clerk
(304) 265-1401

Harrison County Senior Citizens' Center 1999

Convert 5000 sf structure into offices for the adjacent Senior Citizens' Center with a connecting elevator.

Owner: Harrison County Senior Citizens' Center, Clarksburg, WV

Contact: Cynthia Freeman, CNPA, Director
(304) 623-6795

Wood County 911 Center 1999

Adaptive reuse of an abandoned elementary school to a modern emergency services center including offices, the 911 dispatching center and training facilities.

Owner: Wood County Commission, Parkersburg, WV

Contact: Terry Brown, Director
(304) 485-3828

Harrison County Public Safety Building 1993, 1995, 1997

Completed in three phases, this facility houses the 911 Center, Sheriff's Patrol facilities and offices for other related agencies, as well as, training and meeting classrooms and offices.

Owner: Harrison County Commission, Nutter Fort, WV

Contact: Harrison County Emergency Services Bureau Chief
(304) 624-8550



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Stockmeier Urethanes Clarksburg, West Virginia

Stockmeier Urethanes

Size: 32,500 S.F.

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

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

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

WYK is currently working on a design to expand this facility. This will add 7,800 S.F. of warehouse space as well as an additional loading dock with a shipping receiving area.





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

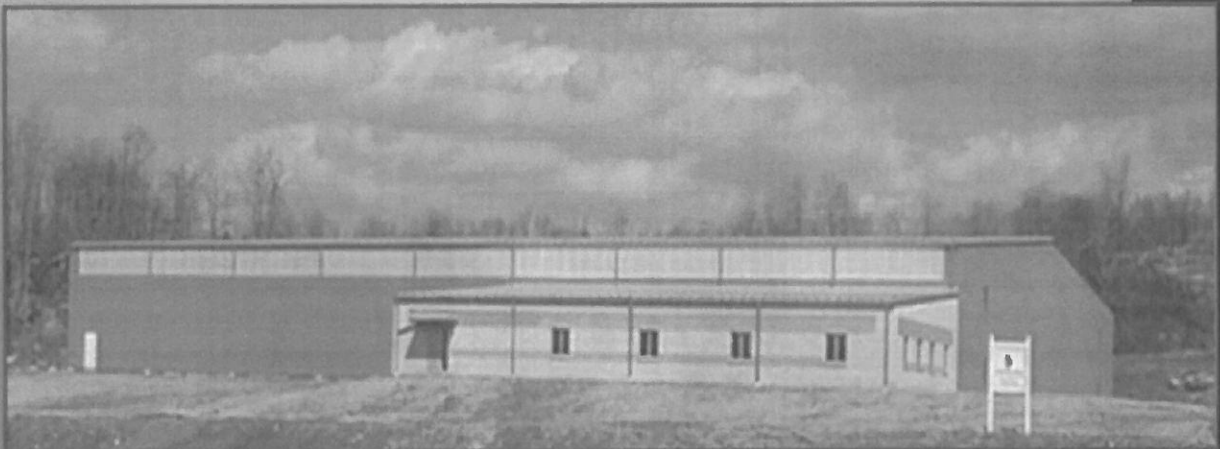
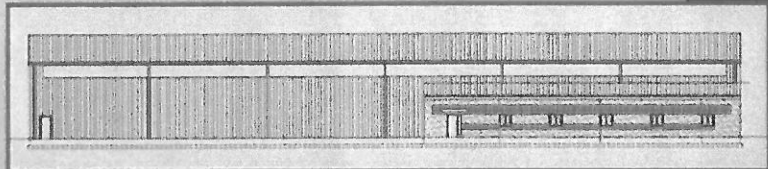
Shell Building in the Northpointe Business & Industrial Park Kingwood, West Virginia

Shell Building in the Northpointe Business & Industrial Park

Size: 52,250 S.F. Total
47,250 S.F. High Bay
5,000 S.F. Office Space

This highly visible shell building was a project of the Preston County Economic Development Authority through West Virginia's EDA Shell Building Loan Program. It is located at the Hazelton Exit of Interstate 68. This location in the Northpointe Business and Industrial Park is convenient to the intersections of I-79 and I-68 and within 500 miles of the major population centers of the northeastern United States.

This building is immediately ready for build-out for tenant use. With a 22' eave height, the building is adaptable for many uses. The office portion is masonry clad with two colors of CMU. All utilities are available within the Northpointe Business and Industrial Park.





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

World Vision Storehouse – Additions and Renovations

Philippi, West Virginia

World Vision Storehouse Additions and Renovations

Size: 15,000 S.F. Warehouse
3,000 S.F. Loading Dock

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

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

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





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Information Manufacturing Corporation Cowen, West Virginia

Information Manufacturing Corporation (I.M.C.)

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. This company transforms data into business intelligence and manages electronic data for government agencies.

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

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

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



2007 AIA-West Virginia - Merit Award for Design Excellence





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Huntington Bank Operations Center Technology Park, Fairmont, West Virginia

Huntington Bank Operations Center

Size: 17,000 S.F.

Designed and built to meet the demands of increasing technology in the banking industry, this state of the art facility has continued to change with the needs of today's commerce. The site along Interstate 79 was selected to promote Huntington Bank's regional thrust of growth and to allow the bank to consolidate many in-house banking operations. As functions were further consolidated to their Ohio headquarters, Huntington sold this facility.

The facility's operating systems were designed to allow maximum flexibility of office configuration. Both security and networked computer operations within have been expanded. This sustainability was one of the project's goals. Today the Center accommodates the technology requirements of the FBI, who is its current tenant.

Addressing the wetland issues of this highly visible location created a positive feature, which also enhances security. Parking and service areas are maximized by the building's careful site selection.





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

**FAA Sector Field Office and Storage
Building at North Central WV Airport**
North Central WV Airport - Bridgeport, West Virginia

FAA Sector Field Office

Size: 6,000 S.F.

This facility, built along the access road to the airport terminal, houses the Airfield Services Support Staff to the FAA. These technicians provide support for the airport safety and navigation systems for the entire state of West Virginia. The building houses not only offices space, but shops for repair and assembly of components and a garage area for storage of equipment and maintenance of vehicles.

Storage Building

Size: 4,000 S.F.

This pre-engineered building provides garage space for the airport's snow removal and runway support equipment. The building includes minimal office space for record keeping and is designed to accommodate storage of salt, sand and cinders to keep both the runways and the roads open during winter weather conditions.





WYK ASSOCIATES, INC.
ARCHITECTURE · PLANNING

West Virginia Air Center North Central WV Airport - Bridgeport, WV

West Virginia Air Center

Size: 146,000 S.F.

34' Eave Height

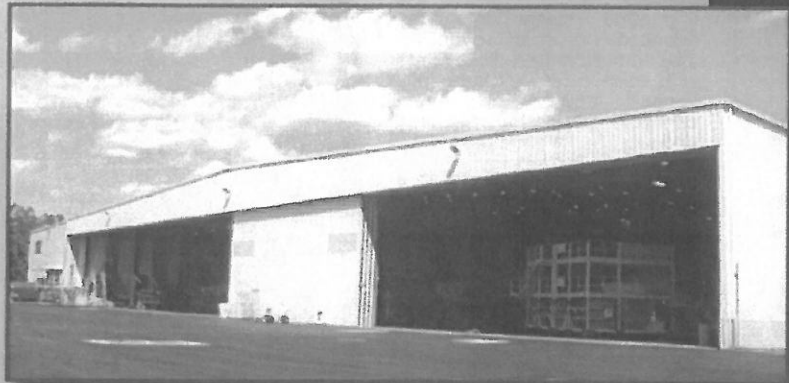
28' Tall Doors

280' Spanned Opening

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

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

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





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Bridgeport Public Safety Substation Bridgeport, West Virginia

Bridgeport Public Safety Substation

Size: 15,000 S.F.

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

The building is a substation for the Fire and Police Departments of the City of Bridgeport. The structure is a combination of load bearing masonry and structural steel frame with a decorative brick veneer. The Apparatus Bay and supporting facilities are one story, slab-on-grade with an abundance of natural daylight. The radiant gas heating, vehicle exhaust and high efficient lighting systems are integrated nicely into the exposed roof structure above. The administrative offices along with each of the department's support facilities are in a connected, two story masonry and steel frame structure.

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





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Christie-Cutlip Office Complex Bridgeport, West Virginia

Christie-Cutlip Office Complex

Size: 12,000 S.F.

This new office complex is located in the new prestigious Charles Pointe Development directly off the I-79 Technology Corridor. Their location is highly visible from the Harrison-Marion Airport and the I-279 connector to the airport. The client wanted a distinguished and comfortable modern design that incorporates historic/traditional architectural features.

The welcoming arched entry of the structure is flanked by a distinguished soaring clock tower to give the building presence within its surroundings. The brick incorporates intricately detailed ribbon bands which reflect a common building practice of yesteryear. Dark tinted aluminum storefront windows provide views to the majestic surrounding hills and the arriving and departing aircraft. These energy efficient windows provide contrast to the brick textures while reducing heat gain and glare within the offices. The large overhangs provide protection to the façade from the elements as well as reduce direct heat gain in summer months.

See this building featured on Belden Brick's Website at:
<http://www.beldenbrick.com>





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

The Frank & Jane Gabor West Virginia Folklife Center

Fairmont State University, Fairmont, West Virginia

The Frank & Jane Gabor WV Folklife Center at Fairmont State University

Size: 6,400 S.F.

Cost: \$1.3 Million

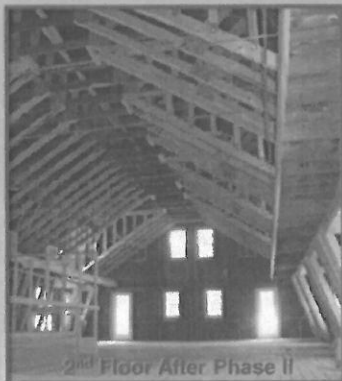
Phase I: Completed 2009

Phase II: Completed 2010

Phase III: Completed 2011

Originally a barn, this historic building is at Fairmont State University's new main campus entrance. This charming stone building has previously been used as apartments and storage. Now it is home to Fairmont State University's Folklife Program and doubles as a Visitor's Center to the campus.

By removing the third floor and gutting the second floor plan, WYK designed a two story daylighted gallery space on the existing second floor. Remedial structural repairs were needed to brace the existing roof structure once the third floor was removed. The first floor houses offices, classrooms and informal gathering spaces. An elevator, replacement of 72 windows/doors, natural and specialized lighting, sprinkler system and HVAC systems have all been integrated into this structure. By marrying the historic character of the building with upscale contemporary features and educational elements, this Folklife Center will welcome alumni, students, faculty and the general public to share many public functions for years to come.



2nd Floor After Phase II



2nd Floor Before





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

UNDER CONSTRUCTION

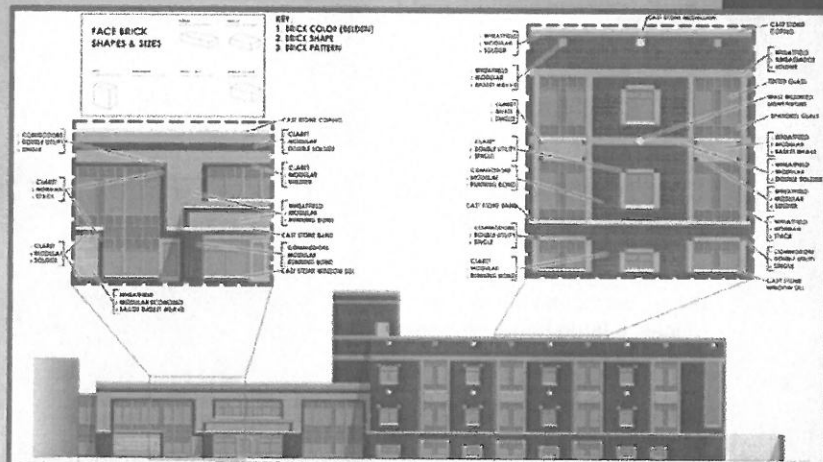
Davis Memorial Hospital
Elkins, WV

Davis Memorial Hospital Elkins, WV

Start Date: December 2011

Estimated Cost: \$10 Million
Size: 75,000 G.S.F.

Davis Health System is adding on a two and three story Outpatient Service area in addition to a three story Physician's Office Building. The interior layout of the existing hospital is designed so that minimal disturbance will take place at their two existing locations while joining the present corridors in with the new. The façade will feature brick and glass storefront to blend in with the historic fabric of the town but yet give it a modern look.



Davis Memorial Hospital Outpatient Clinical & Physician Office Building Addition



Davis Health System
Where Your Care Counts

Elkins, WV



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ARCHITECTURE · PLANNING

UNDER CONSTRUCTION

Immaculate Conception Parish Center Clarksburg, West Virginia

Parish Center:

Immaculate Conception Church

Bidding: June 2012

Estimated Cost: \$2.7 Million
Size: 10,000 G.S.F.

This new parish center is to be located directly behind the Immaculate Conception Church in Clarksburg. This facility will house the church offices, a large banquet room with a capacity of 350, commercial kitchen, meeting spaces and smaller, intimate gathering spaces.

The center spine of the building is very spacious and is capped with translucent panels which will flood the interior spaces with natural light.

Located in a transition point on Main Street between commercial and residential neighborhoods, the exterior will feature masonry to compliment the existing church as well as a roof with a tile appearance. The size and massing of the building pulls from both the church elements as well as surrounding houses to offer a smooth transition within the historic fabric of the street.

The porte cochere will provide users with a welcoming and safe haven from the elements of Mother Nature. Landscaping will anchor the building to its surroundings and offer a sense of calm and serenity.





WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

2013 Architectural Awards American Institute of Architects – West Virginia

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.

Fairmont State University – Frank & Jane Gabor Folklife Center - 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.

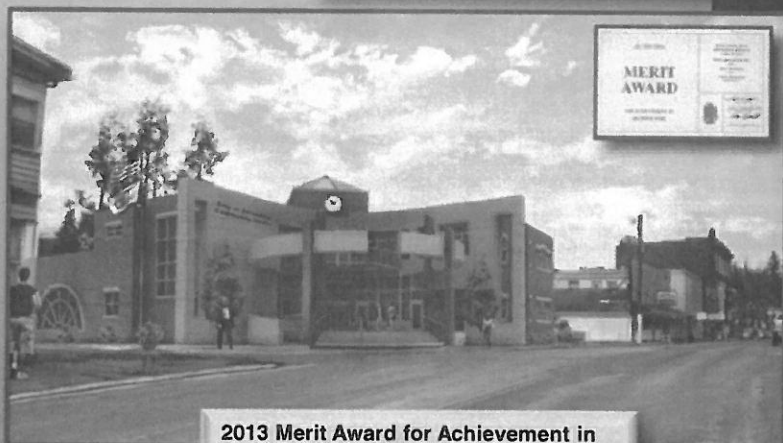
The facility will serve as a performing arts center, a look out for downtown events such as parades, etc. A much needed large banquet hall, accommodating 350 people, will provide the city with a gathering space for meetings and community organization. There is also a room solely dedicated to the Shinnston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



**2013 WV-AIA Merit Award for Achievement
in Architecture Design**



**2013 Merit Award for Achievement in
Architecture Design – Interiors**



**2013 Merit Award for Achievement in
Architecture Design – Unbuilt**



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

Past Architectural Awards American Institute of Architects – West Virginia

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.

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.

West Pike Street Parking Facility Clarksburg, West Virginia

Size: 57,000 S.F.

The facility's design complements 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.



2007 AIA-West Virginia -
Merit Award for Design Excellence and
Sustainable Design



2007 AIA West Virginia
Merit Award for Design Excellence



2008 AIA West Virginia -
Merit Award for Design Excellence



WYK ASSOCIATES, INC.
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On The Boards
WYK Associates, Inc.



WYK ASSOCIATES, INC.
ARCHITECTURE · PLANNING

ON THE BOARDS

Shinnston Community Building Shinnston, WV

Shinnston Community Building

Shinnston, WV

Estimated Start Date:
Spring 2014

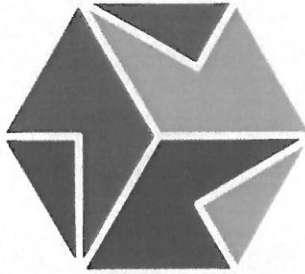
Projected Cost:
\$5.5 million

Welcoming residents and visitor alike, the Shinnston Building will stand sentinel at the entrance to the historic downtown area. Embracing Shinnston's rich heritage and history, the building meets the needs of the city in the twenty first century.

This two story, 18,000 S.F. structure will house city government office on the upper floor along with a spacious council chambers doubling as a large conference area.

The first floor will feature a **large banquet room capable of comfortably seating 375 persons, a commercial kitchen** and a dedicated space for the city's senior citizen organization. A community meeting space is also designed into the plan. This facility will utilize low maintenance materials throughout.





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WYK's Repeat Clientele
WYK Associates, Inc.



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

WYK's Repeat Clientele WYK Associates, Inc.

North Central West Virginia Airport

Davis Memorial Hospital

Kappa Sigma Pi

Citizens' National Bank of Elkins

Barbour County Courthouse Renovations



United Hospital Center

Harrison County Commission

City of Clarksburg

United Summit Center

Pocahontas County Commission

V.A. Medical Center - Clarksburg



Toothman & Rice

Harrison County Senior Citizens

Harrison County Development Authority

Barbour County Board of Education

Greathouse Funeral Home

Quiet Dell United Methodist Church

Harrison County Courthouse Renovations



World Vision

Dominion Exploration and Production

Harrison County Board of Education

Harrison County Bank

Lewis County Board of Education

Fairmont State University

Corhart Refractories

West Union Bank

Harrison County YMCA



City of Salem

Daisy Development

ARC of Harrison County

City of Bridgeport

Webster County EDA

City Neon

Stockmeier Urethanes



WYK's Emphasis is on Client Satisfaction; We Feel Our Strong Repeat Client Base is a Testament to That Fact



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

References

WYK Associates, Inc.

WYK.....turning vision into reality.....

WYK's Computer Rendering

March 2006



Actual Photo – May 2007

Christie-Cutlip Office Complex
Charles Pointe, Bridgeport, WV



WYK ASSOCIATES, INC.
ARCHITECTURE • PLANNING

References

WYK Associates, Inc.

We Urge You to Contact the Following:

Geoff Marshall, Vice-President of Support Services

United Hospital Center
327 Medical Park Drive
Bridgeport, WV 26301
(681) 342-1220

Jim Christie, Esq.

Attorney at Law
1509 Johnson Avenue
Bridgeport, WV 26330
(304) 842-5461 Ext. 13

Warren K. Green, Facilities Construction Project Manager

Dominion Resources Services, Inc.
445 West Main Street
Clarksburg, WV 26301
(304) 627-3681

Geary Weir, Director

Webster County EDA
139 Baker Street
Webster Springs, WV 26288
(304) 847-2145

Dr. Joseph Mace, Superintendent

Lewis County Schools
239 Court Street
Weston, WV 26452
(304) 269-8333

Neil Quinn, Clerk of the Works

Harrison County Schools
408 E. B. Saunders Way
Clarksburg, WV 26301
(304) 326-7305



WYK ASSOCIATES, INC.
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Testimonials
WYK Associates, Inc.



Health Access, Inc.

489 Washington Avenue • Clarksburg, West Virginia 26301

Phone: 304-622-2708 • Fax: 304-623-9302 • E-mail: healthac@ma.rr.com • Web: www.healthaccessinc.org

July 16, 2010

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

RE: Health Access, Inc. Renovation/Building Project


Dear Mr. Swiger:

Health Access, Incorporated has now moved back into our recently renovated clinic located at 489 Washington Avenue and I wanted to write to tell you how very pleased we are with the work of WYK in designing, planning and managing our project. From the outset, your attention to the details of our operation and our specific space and functionality needs within this medical facility have been outstanding. Your willingness to make changes in the design phase as required by our budget limitations really brought us to the very best design that we could afford.

Throughout the entire project, your "hands on" approach to managing the project made the process not only manageable but very successful. The contractors that WYK 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.

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

Sincerely,


Kay Cottrill, President



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

September 20, 2010

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

Dear Mr. Swiger,

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

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

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

Sincerely,

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

Charles A. Feathers, Chief

Bridgeport Fire Department

March 10, 2011

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

Dear James:

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

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

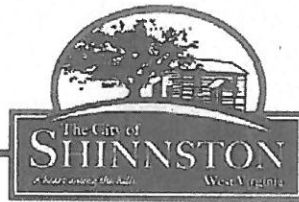
I would highly recommend your company for other projects with local governments or in the private sector.

Thank you again for all your assistance.

Reta Griffith

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

40 Main Street
Shinnston, WV 26431-1198



Phone (304) 592-5631
Fax (304) 592-1597

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

WEST MILFORD ELEMENTARY SCHOOL



226 School Street
West Milford, West Virginia 26451
304-326-7030
FAX: 304-745-4488



February 4, 2010

Mr. William Yoke
WYK Associates, Inc.
PO Box 1484
Clarksburg, WV 26301

Dear Mr. Yoke,

As we complete the first year in our new rooms, I wanted to express our pleasure with our four-room addition. The design has exceeded our expectations, providing ample classroom and storage space for our kindergartens and preschool.

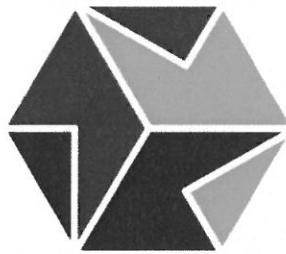
I particularly appreciated working with WYK who encouraged our involvement in important decision making. I was always confident that answers to my questions were only a phone call away. Our requests involved structural changes including the incorporation of a staff bathroom as well as aesthetic elements for color choices. Our choice of a primary color for each room provides bright, colorful environments for our young students. Students can easily locate the "red, yellow, blue, or green room" in that wing.

Please feel free to share this letter with any prospective clients as I am glad to "spread the word" about our pleasure of working with your firm.

In Appreciation,

A handwritten signature in cursive script that reads "Wendy Imperial".

Wendy Imperial, Principal



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

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304-623-9858 Fax
www.wykarchitects.com