



STATEMENT OF QUALIFICATIONS
PREPARED FOR
STATE OF WEST VIRGINIA
JANUARY 16, 2013
RFQ# GSD136423



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KREPS
ZACHWIEJA
ARCHITECTS, INC.
kandzarchitects.com



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

Solicitation

NUMBER
GSD136423

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL 304-558-2596

VENDOR

*709021845 304-346-5361
 KREPS & ZACHWIEJA ARCH CONSULT
 300 CAPITOL ST STE 1710

 CHARLESTON WV 25301

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES
 BUILDING 1 ROOM MB60
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0123 304-558-2317

DATE PRINTED:
12/14/2012

BID OPENING DATE: 01/09/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-07		
A/E SERVICES FOR MAIN CAPITOL ROOF REPLACEMENT						
<p style="text-align: center;">EXPRESSION OF INTEREST (EOI)</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF GENERAL SERVICES, IS SOLICITING EXPRESSIONS OF INTEREST FROM QUALIFIED ARCHITECTURAL AND ENGINEERING FIRMS FOR THE DESIGN OF ROOF REPLACEMENT FOR BUILDING 1 (MAIN CAPITOL) LOCATED ON THE WEST VIRGINIA STATE CAPITOL COMPLEX IN AT 1900 KANAWHA BOULEVARD, EAST IN CHARLESTON, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.</p>						
***** THIS IS THE END OF RFQ GSD136423 ***** TOTAL:						

SIGNATURE <i>Mark J. Zand</i>	TELEPHONE 304-346-5361	DATE 1/15/2013
TITLE PRESIDENT	FEIN 31-1126048	ADDRESS CHANGES TO BE NOTED ABOVE

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



State of West Virginia
 Department of Administration
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KRISTA FERRELL 304-558-2596

VENDOR
*709021845 304-346-5361 KREPS & ZACHWIEJA ARCH CONSULT 300 CAPITOL ST STE 1710 CHARLESTON WV 25301

SHIP TO
DEPARTMENT OF ADMINISTRATION GENERAL SERVICES BUILDING 1 ROOM MB60 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0123 304-558-2317

DATE PRINTED
12/27/2012
BID OPENING DATE
01/16/2013

BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO.1		
				ADDENDUM FOR THE BOI (CAPITOL BUILDING ROOF REPLACEMENT), ISSUED TO REISSUE ALL THE INFORMATION IN ITS ENTIRETY.		
001	1	LS		906-07		
				A/E SERVICES FOR MAIN CAPITOL ROOF REPLACEMENT		
***** THIS IS THE END OF RFQ GSD136423 ***** TOTAL:						

SIGNATURE <i>Mark T. Zerk</i>	TELEPHONE 304.346.5361	DATE 1/15/2013
TITLE PRESIDENT	FEIN 31-1126048	ADDRESS CHANGES TO BE NOTED ABOVE

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 KRISTA FERRELL
 304-558-2596

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*709021845 304-346-5361
 KREPS & ZACHWIEJA ARCH CONSULT
 300 CAPITOL ST STE 1710
 CHARLESTON WV 25301

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DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES
 BUILDING 1 ROOM MB60
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0123 304-558-2317

DATE PRINTED
 01/09/2013

BID OPENING DATE: 01/16/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 02						
THIS ADDENDUM IS ISSUED TO PROVIDE THE TECHNICAL QUESTIONS AND ANSWERS.						
0001	1	LS		906-07		
A/E SERVICES FOR MAIN CAPITOL ROOF REPLACEMENT						
***** THIS IS THE END OF RFQ GSD136423 ***** TOTAL:						

SIGNATURE *Mark T. Zeanah* TELEPHONE 304-346-5361 DATE 1/15/2013
 TITLE PRESIDENT FEIN 31-1126048 ADDRESS CHANGES TO BE NOTED ABOVE

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



**KREPS
ZACHWIEJA
ARCHITECTS, INC.**
kandzarchitects.com

300 CAPITOL STREET, SUITE 1100, CHARLESTON, WV 25301

304.346.5361 (f) 304.346.5365

January 16, 2013

Department of Administration, Purchasing Division
2019 Washington Street East
P.O.Box 50130
Charleston, WV 25305-0130

RE:

Project # R136423

Dear Ms. Ferrell:

We are pleased to present our Statement of Qualifications for your consideration to provide professional design services for the reroofing of the State Capitol Building. Our staff has been honored to have worked on several projects at the Capitol Complex over the years and would be honored to work on your current project. As West Virginians we take pride in our Capitol and what it represents and look forward to this opportunity.

Kreps and Zachwieja Architects/Consultants is a full-service design firm located in downtown Charleston for nearly 70 years. From the initial review of the program to the preparation of construction documents and specifications to on-site observation to final inspections and beyond, we will be there with you and just up the street if you need us.

We are confident that the attached document will illustrate how our team will work with you to provide a successful project. Our Team's experience in renovations to occupied structures and historic structures puts us in a unique position to understand your needs.

Kreps and Zachwieja will be the lead for our team. ZDS Design will perform coordination of Mechanical, Electrical and Plumbing Engineering and should structural be required that will be performed by Steven Schaefer Associates. They are well-known in the area for their excellence in design.



**KREPS
ZACHWIEJA
ARCHITECTS, INC.**
kandzarchitects.com

300 CAPITOL STREET, SUITE 1100, CHARLESTON, WV 25301

304.346.5361 (f) 304.346.5365

Our team's strength comes from the fact that we have worked together for 10-20+ years, with few changes in leadership. The people presented to you as team members in this proposal are the people that you will work with throughout the project. We understand how to work together to provide the highest level of service and quality to our clients.

As you will see, our staff has a great deal of experience dealing with existing structures of advanced age whether historical or not. We recently completed a roof replacement and renovation project in the Charleston area containing buildings which were over 50 years old.

We appreciate the opportunity to submit this qualifications package and look forward to working with you on this project. Our team is in-place and ready to begin immediately. Should you have any questions, please feel free to contact me at 304.346.5361 or zach@kandzarchitects.com.

Thank you,

A handwritten signature in black ink, appearing to read 'Mark T. Zachwieja', written over a circular stamp or seal.


Mark T Zachwieja, AIA, President
Kreps & Zachwieja Architects/Consultants, Inc.

CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

Kreps and Zachwieja, Architects, Inc.

(Company)



(Authorized Signature)

Mark T. Zachwieja, President

(Representative Name, Title)

(304) 346-5361

(304) 346-5365

(Phone Number)

(Fax Number)

January 15, 2013

(Date)

RFQ No. GSD136423

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Kreps and Zachwieja, Architects, Inc.

Authorized Signature: [Signature] Date: January 15, 2013

State of West Virginia

County of Kanawha, to-wit:

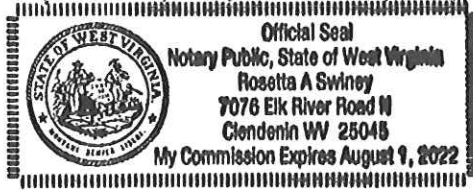
Taken, subscribed, and sworn to before me this 15 day of January, 2013

My Commission expires August 1, 2022

AFFIX SEAL HERE

NOTARY PUBLIC Rosetta A. Swiney

Purchasing Affidavit (Revised 07/01/2012)



ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: GSD136423

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

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

Addendum Numbers Received:

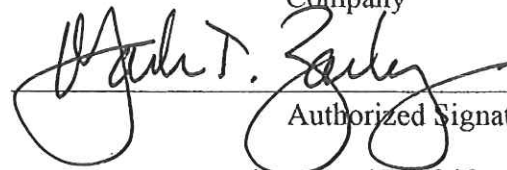
(Check the box next to each addendum received)

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

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

Kreps and Zachwieja, Architects, Inc.

Company



Authorized Signature

January 15, 2013

Date

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

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CONCEPT



CONCEPT

General Project Philosophy

To respond to the challenges and opportunities presented by this project, Kreps and Zachwieja Architects has assembled a uniquely qualified group of design professionals. We have carefully balanced local experience with program-specific design expertise to ensure that the resulting team is as creative, responsive, and quality driven as possible. This team will lead the project team and stakeholders through a process of investigation, evaluation, design, and documentation that will ultimately lead to the most successful project possible.

Our team is comprised of mostly West Virginia firms but all have West Virginia ties. Our main team office, Kreps and Zachwieja Architects, is strategically located within walking distance from the project and can be on-site within a matter of minutes. All team members understand what it means to work both in and for West Virginia.

Our combined work in West Virginia and across the region has given our team the experience to successfully complete this project to provide the design services and bid documents for the roof replacement on the West Virginia State Capitol Building. Everyday we work with our clients to upgrade/enhance their existing facilities. In hospitals, we are challenged by renovating and adapting old buildings for new technologies that were not thought possible when the building was first constructed. This same principle holds true for repairs and renovations of historic structures. Sequencing of these projects is paramount to implementing plans into practical design.

First and foremost in this process is to conduct a facility condition assessment. We will utilize the existing CAD drawings to aid us in determining the existing condition. This assessment will help the design team identify any areas of major concern and help develop an appropriate response. This would include, but not be limited to, locations for roof penetrations, rooftop equipment, drainage, flashing, gutters, lightening arrestor systems, etc. We will also examine the existing access ramps across the connector roofs.

While we recognize that this project will not be considered a historic element of the building, we fully understand the context of this project and that any improvements that affect the appearance must match the historical context of the Capitol Building. Our team has the historic preservation experience to work within these confines.

We believe our team demonstrates successful experience that makes us the best qualified team to address the roofing project for the West Virginia State Capitol. We understand the Capitol Complex campus and how each facility integrates and will utilize this knowledge to help you expedite the project to bid. As the majority of our projects involve complex buildings that must remain operational during construction, we understand the logistics of keeping a facility open and will suggest phasing accordingly.

Once the facility condition assessment is complete, the design team can develop recommendations for the project based on meetings with the stakeholders. The design team will then develop a "masterplan" of multiple phases to improve the efficiency and flexibility of the renovations. A clear and concise phasing plan, built on consensus of all the stakeholders in this project, is critical to a successful and full implementation. Our team will look at all viable solutions in order to confirm our recommendations to you, the owner.

We are prepared to work with you, the owner, through the various phases of this project, from the initial facility assessment to the selection of appropriate materials/desired upgrades and finally the Construction Phasing from Design through Construction.

At each stage of the project we will:

FIRM/TEAM QUALIFICATIONS





THIS PROJECT FOR THE STATE OF WEST VIRGINIA IS UNIQUELY POSITIONED TO TAKE ADVANTAGE OF OUR TEAM'S ESTABLISHED HISTORY OF SUCCESSFUL PROJECT DELIVERY RIGHT HERE AT HOME.

About the Team

Individually each member of our team has a long history of providing the highest quality professional services within their respective market areas. Our team members have each completed multiple engagements with components similar to the requirements for the re-roofing of the West Virginia State Capitol. The facilities designed by our team use evidence based design principles. We strive to provide our clients with a unique atmosphere in which they have a positive experience. We would like to put our experience to work for you, the State of West Virginia.

We asked ZDS Design/Consulting Services to team with us because of their vast experience in Facility Assessment and Construction. ZDS has enjoyed relationships of quality service with numerous clients throughout the region, successfully completing multiple projects that continue to this day. Like Kreps and Zachwieja, ZDS enjoys long term relationships with many of their clients including the State of WV at the Capitol Complex and the West Virginia Museum of Culture and History. ZDS will provide MEP engineering support for the re-roofing project.

Steven Schaefer Associates of Cincinnati, Ohio, our structural engineer, has worked with Kreps and Zachwieja for more than 10 years. Their vast experience in structural design for various types of structures and in renovation of existing facilities gives them the flexibility to quickly and appropriately respond to design concepts. This experience gives them the knowledge to access existing facilities and respond to their capabilities and limitations.

Each Member of our team brings a unique strength to this project. Realizing the similarity

of mission and the desire to serve West Virginia clients, our Team would be honored to serve the State of West Virginia.

Innovative Solutions – Measurable Results Complex projects need an integrated process that establishes priorities, tests their validity, analyzes their market depth, and apply a flexible, responsible facilities planning solution. Kreps and Zachwieja is a consulting and design firm with a diverse group of professionals focused on each client's unique priorities, vision, and market position. Our guiding philosophy is Innovative Solutions – Measurable Results. We focus on bringing our clients the most innovative solutions that will directly deliver measurable results. Each solution is measured on how it results in elevating our clients' business success.

PERMITTING/REGULATORY APPROVALS

FEDERAL AND STATE DEPARTMENTS

There are few industries more complex than educational/healthcare and few firms that have the resources, technology and know-how to navigate this rapidly changing market. Kreps and Zachwieja works regularly with state officials on zoning and approvals in West Virginia, and we strive to establish good relationships at the earliest phases of the project. Kreps and Zachwieja considers federal, state and local agencies part of the project team throughout the design and construction phases of the project. With our current projects in West Virginia, Kreps and Zachwieja has developed a successful working relationship with the governing agencies and possesses exhaustive knowledge of both building code and licensure requirements.

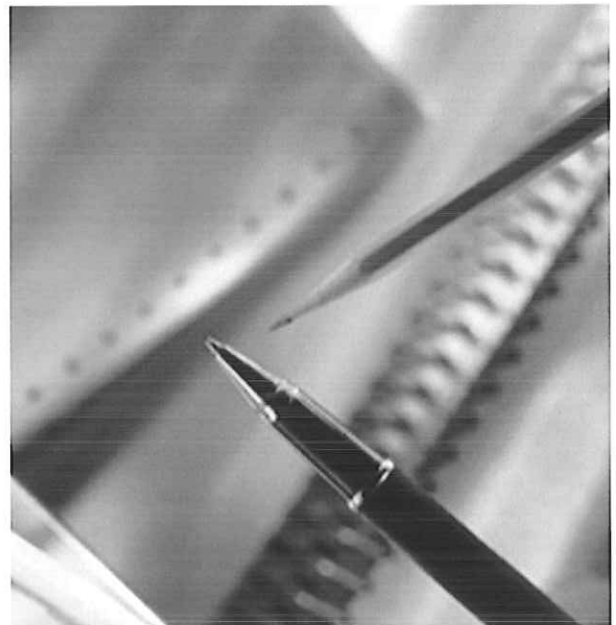
Our extensive experience includes working with the West Virginia State Fire Marshal's Office, particularly Mr. Norm Fetterman, and with Mr. Ron Stricker of the West Virginia Department of Health and Human Resources (DHHR/OHFLAC)

Kreps & Zachwieja's offices is strategically located in Charleston, WV, providing easy access to both of these State Agencies. Of particular note, we enjoy a next door neighbor relationship with OHFLAC, with whom we are in contact with on a regular basis regarding our ongoing West Virginia

work. We have found this relationship to be useful in the planning and review stages of projects in preventing any last minute costly changes or time delays to the owner.

ADHERENCE TO ESTABLISHED TIMELINES

Since all of our clients are institutional in nature, Kreps and Zachwieja is acutely aware of the relationship between design and construction project management, facilities personnel, procurement, building users and their agencies, zoning and regulatory agents, and community groups. We believe the key to meeting schedule requirements is to define project milestones clearly, understand the goals of specific tasks, and make a personal commitment to meeting the schedule in terms of manpower allocation and personnel involvement. Each of the team members identified for your project is ready to make that personal commitment.



LEED/SUSTAINABLE DESIGN

New thoughts on how buildings impact our environment have lead many to seek a more sustainable way of construction. One of the challenges in this new way of thinking is up-front cost. For example, when Kreps and Zachwieja designed the new Ned Chilton/Kanawaha County Emergency 911 call center, we pushed for a geothermal HVAC system. This system paid back the initial project cost increase over a more conventional system in less than 5 years. Since this is an emergency communications facility,

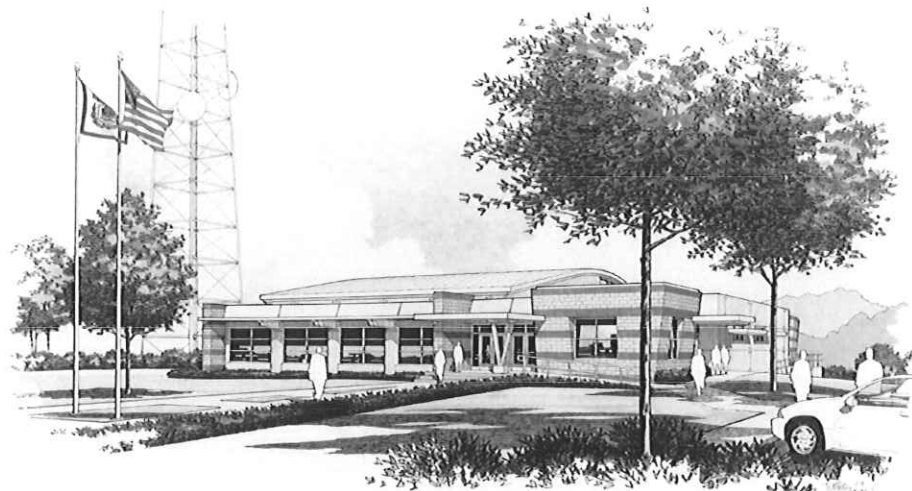
this type of system is also less susceptible to threats, therefore eliminating the need for redundant systems as required by code per this building type and an initial savings of \$350,000 was realized.

More recently, we have introduced many of our clients to high performance building envelopes that are not only energy efficient but aesthetically pleasing. As example, we specified new glass types that significantly reduce the heat gain during the summer allowing them to realize a reduction in size of their cooling systems. Our team has also presented clients with campus masterplans that utilize stormwater retention ponds and green areas with hiking and biking trails. Dealing primarily in the Healthcare industry, we understand the need for low VOC materials and improved indoor air quality as imperative to our clients and their customer's health. Many new IAQ practices were

pioneered in the healthcare industry.

We work with local suppliers and manufacturers as much as possible to incorporate local products into our designs. Not only does this reduce the fossil fuel cost of the transportation of these materials to the job site but it keeps the local economy strong. Other manufacturers are selected due to their recycling programs, both in the field and in their factories.

Our Team consists of many LEED accredited professionals and we can use LEED based design strategies to work with you to achieve LEED certification for your project. At Krepz and Zachwieja we have successfully used these sustainable design strategies in our projects for our clients, from major hospital corporations to non-profit community action groups.





Providing continuous design services for a handful of clients in our region for over 65 years.



CONCORD UNIVERSITY



ABOUT KREPS AND ZACHWIEJA

Kreps and Zachwieja has provided outstanding professional services to clients since its founding in 1945 as Vecellio & Kreps. Recognized for our quality service, expertise, and longevity, Kreps and Zachwieja focuses on the quality of our designs, the accuracy of our construction documents, and the functional relevance of our planning.

Kreps and Zachwieja Architects is the only design firm in the State of West Virginia dedicated to the Healthcare Industry. Since 1945, we have produced nearly 3,000 projects for only a handful of clients. By focusing on complex Healthcare Design, we can bring a level of expertise and knowledge to our clients that help them enhance the way they do business, regardless of your project scope or size. As a client of Kreps and Zachwieja Architects, you should expect us to know your business. We believe our success is derived from the idea that we are not just designing buildings, we are building relationships. This attitude we have towards customer service has placed us in the unique position to understand the complexities that our clients face on a daily basis.

DESIGN SERVICES

The Kreps and Zachwieja experience is based upon in-depth knowledge, passion and excitement. We listen to our clients intensely while providing challenging leadership for each engagement. Our unique problem solving process generates exciting new solutions while building consensus among stakeholders and includes the following services:

Comprehensive Planning

Recommendations

We believes that facilities should only be in service to deliver the mission and vision of the organization. To accomplish this, a solid facility planning solution should integrate the strategic objectives of an organization, respond to solid business planning parameters, support streamlined operations, and plan for flexible integration of rapidly changing technologies. We have had the opportunity to deliver planning services to a wide range of organizations. Each of our clients has unique challenges that result in tailored solutions. These clients include major university-affiliated teaching hospitals, community hospitals, the State of West Virginia, the Catholic Diocese of Wheeling-Charleston, Federal and City Government.

Energized Process

Fun and creativity are linked, and they make for surprising outcomes. We enjoy our work and strive to energize our clients. We believe that the most unique solutions are formed when a group of diverse individuals are fully engaged. We believe that teams who work hard should also enjoy the process. For this reason, we deliver an exciting, fun, and engaging consulting style consistent with the high-energy environment of the planned office.

Vision

Kreps and Zachwieja is a unique consulting and design practice that delivers award winning design expertise in all aspects of planning services. Our facility planners team with our clients to develop integrated planning recommendations that position our clients' facilities to attain their unique strategic objectives.

3-D Animation and Renderings

As part of our integrated approach, we can incorporate the use of 3-D design to aid in the visualization of a project. Visualization is a powerful tool that aids in the development and understanding of a design concept.

We offer a wide range of 3-D imaging from schematic plans to finished photo renderings and understanding of design concept.

Master Planning

Development of a plan to utilize all physical properties in order to respond most effectively to the strategic goals and objectives of the institution.

Facility Assessment

Evaluation of existing amount, type, and condition of existing buildings and property of an institution.

Planning

General analysis and layout of functions to be located in a facility.

Programming

Development of areas for each space in a department based on projected utilization.

Design

Includes elements of detailed planning of the facility, how the building is shaped in all three dimensions, what materials are used, and how these materials are expressed in the building.

Equipment Planning

Assisting in the selection of non-furnishing items of medical equipment.

Scheduling

Development of detailed schedules for the project when complex phasing is required in the construction phase or coordination of the trades.

COMPANY LEGAL NAME

Kreps & Zachwieja Architects/Consultants, Inc

LOCATION OF INCORPORATION

West Virginia

PRINCIPAL OFFICERS

Mark T. Zachwieja, Principal in Charge

BOARD OF DIRECTORS

**Mark T. Zachwieja, President
Tracy W. Zachwieja, Secretary**

LOCATION OF OFFICES

Charleston, WV

NUMBER OF EMPLOYEES PER OFFICE

Kreps and Zachwieja currently employs 5 design professionals:

BREAKDOWN OF EMPLOYEES BY DISCIPLINE

**Architects3
CA and Administrative Staff1
Specification Writers.....1**

Construction Coordination

Variety of specialized services, including negotiation, facilitation and mediation services provided by Kreps and Zachwieja or by one of our specialty consultants.

Currently, with our experience of over 3,000 projects in all major building types, those clients desirous of readily accessible architectural services as well as total architectural and engineering expertise are able to realize their needs with our firm.

Our full service capabilities enable the firm to follow projects through all phases, from planning to construction and maintenance.

And with our diverse project experience, we understand how to focus staff and resources to meet clients' individual needs, schedules, and locations. At Kreps and Zachwieja, we are with you every step of the way.

Technology

We understand the need of our clients to retain electronic copies of the work performed. Our office utilizes electronic document review and enjoys a working relationship with many of our client's vendors that include the sharing of electronic information. We have the capability of sharing information in a multitude of formats

and versions of software.

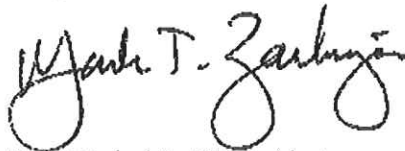
As a requirement of this project, we accept that any and all work produced as a result of the contract will become property of the Agency and can be shared by the Agency as deemed appropriate and will work with you to incorporate the AIA electronic protocol documentation into the contract.

Litigation

We have never been involved in any litigation regarding a construction dispute or our delivery of design services in our 65 year history.

Your Contact:

Kreps and Zachwieja Architects
300 Capitol Street Suite 1100
Charleston, WV 25301
304.346.5361 (p)
304.346.5365 (f)
zach@kandzarchitects.com



Mark T. Zachwieja, AIA, President
Kreps and Zachwieja Architects/Consultants
Inc.

MARK T. ZACHWIEJA, AIA
Principal-in-Charge

Principal in Charge and President of Kreps and Zachwieja Architects/Consultants, Inc. from 1999 to present. During that period Mark aggressively marketed the capabilities of the firm and successfully established relationships with new clients and rekindled some with previous clients. Under Marks leadership, Kreps and Zachwieja Architects embarked into the most productive years in our 70 year history successfully completing more than \$200 million in construction through the region.

Most notable are the \$90 million Thomas Pavilions completed in late summer 2010 and the \$75 million KDMC Heart and Vascular Center originally completed in 2005 and currently expanding vertically.

Prior to joining Kreps and Kreps Architects, Mark worked for the Internationally renowned Architectural and Engineering firm BSA Life Structures of Indianapolis, Indiana. In his five years there, Mark developed an expertise in Medical Facility Planning and Design. He enjoyed working on several large projects for Charleston Area Medical Center and West Virginia University. In 1994 Mark left BSA and joined Kreps and Kreps Architects. In 1996 Mark was made a partner and in 1999 Mark purchased the firm from Jeffry Kreps, son of the original founder, William Kreps. Since then, Mark continues the tradition of design excellence and serious project leadership to bring Kreps and Zachwieja Architects to the forefront in Healthcare Facility Design in the mid-atlantic region of the United States. Today Kreps and Zachwieja Architects is leading the area using BIM and Revit to develop our most complex projects. Marks leadership of our talented team of architects, engineers, and specialty consultants gives our clients the assurance that their project will not only be under budget, but completed on time.



EDUCATION:

B. Arch, Virginia Polytechnic and State University - 1987

REGISTRATIONS:

WV

PROFESSIONAL AFFILIATION:

American Institute of Architects

AIA, West Virginia Chapter

OTHER

Certified by National Council of Architectural Registration



Kings Daughters Medical Center
Ashland, KY

- 2007 Master Facility Plan
- \$50 Million Heart and Vascular Center and Patient Bed Tower
- 20,000 sf Center for Advanced Imaging
- 30,000 sf Outpatient Surgery Center
- 250,000 sf Medical Office Plaza A & B
- 20,000 sf Imaging Center

Thomas Memorial Hospital
South Charleston, WV

- 85,000 SF Medical Office Pavilion
- \$60 Million Clinical Pavilion and Bed Tower totaling 160,000 SF
- 30,000 SF New Emergency Department
- 10,000 SF Digital Imaging Center

Summersville Regional Medical Center
Summersville, WV

- 2006 Master Facility Plan
- New 18 bed Emergency Department
- New Intensive Care Unit
- New Hospital Lab
- Obstetrics Unit Expansion
- New Main Lobby, Gift Shop, and Outpatient



St. Mary's Hospital
Huntington, WV

- 100,000 SF Outpatient Surgery Center and Medical Office Building
- Hospital Hospitality House
- Radiation Oncology Center

Veterans Administration Medical Center
Beckley, WV

- 120 Bed Nursing Home Care Unit
- (Within the facility is a special 20-bed Psycho geriatric Unit)
- 12 Bed Specialty Clinic

Kanawha Hospice Care, Inc
Charleston, WV

- 24 Bed Inpatient Hospice Facility (This was the first Inpatient Hospice House to be constructed in West Virginia)

St. Francis Hospital
Charleston, WV

- 12,000 SF Center for Pain Relief
- 16 Bed Orthopedic Surgery Unit
- 32 Bed Geriatric Care Unit



VIVIAN A. WORKMAN, AIA
Project Architect



As Project Architect, Ms. Workman is in charge of developing and coordinating projects from the programming phase through construction documents, contract administration and post-occupancy. Her responsibilities are project coordination, development of documents for bidding and construction and construction administration to include shop drawing review, construction job meetings and on-site observation. Ms. Workman is proficient at drafting specifications and coordinating efforts of all team members, consultants, and contractors. A partial listing of projects she has been involved with includes:

Kings Daughters Medical Center
Ashland, KY

- 2007 Master Facility Plan
- \$50 Million Heart and Vascular Center and Patient Bed Tower
- 20,000 SF Center for Advanced Imaging
- 250,000 SF Medical Office Plaza A & B

Summersville Memorial Hospital
Summersville, WV

- 2006 Master Facility Plan
- New 18 bed Emergency Department
- New Intensive Care Unit
- New Hospital Lab
- Obstetrics Unit Expansion/Renovation
- New Main Lobby, Gift Shop, and Outpatient Services Department

Thomas Memorial Hospital
South Charleston, WV

- \$70 Million Clinical Pavilion and Bed Tower totaling 160,000 SF
- 10,000 SF Digital Imaging Center

St. Mary's Medical Center
Huntington, WV

- Gift Shop/Registration Renovation
- Pediatric Unit Renovation
- Nurse Station Redesign



West Virginia School of Osteopathic Medicine
Lewisburg, WV

- Center for Clinical Evaluation
- Center for Technology and Rural Medicine
- Admissions Center
- Student Activities Center Expansion

St. Francis Hospital
Charleston, WV

- 12,000 SF Center for Pain Relief
- 2 -OR addition to One Day Surgery Center

Wetzel County Hospital
New Martinsville, WV

- New 12 bed Emergency Department
-

Marshall University
Huntington, WV

- Smith Hall Window Replacement
- School of Physical Therapy



EDUCATION:

M. Arch - University of Tennessee - 2004

Bachelor of Arts -University of Pittsburgh - 2000

PROFESSIONAL REGISTRATIONS:
WV, KY

PROFESSIONAL AFFILIATION:
American Institute of Architects

AIA, West Virginia Chapter
Construction Specification Institute: CDT Certified

OTHER:

Certified by National Council of Architectural Registration Boards

Test Specification Task Force for the Architectural Registration Examination

Sub-Committee for the Architectural Registration Examination - graphics

MICHAEL M. PHILLIPS, AIA, LEED AP Project Architect

With over 20 years of experience in the Architectural Profession, Mr. Phillips, as Project Architect, has had the opportunity to provide successful design, leadership and management for many diverse projects; including new buildings, renovations and adaptive re-use. This experience, along with his LEED credentials, affords him the working knowledge to guide the design of resilient solutions that are; environmentally conscientious, functional and pragmatic as well as aesthetically pleasing, regardless of scale. This, coupled with a strong ethic of team communication and management provides the tools to make your project a success.



-A partial listing of projects Mike has been involved with includes:
Kreps and Zachwieja Experience

- Sacred Heart Preschool and Gymnasium
- Sacred Heart - Seton Hall Classroom modernization/renovation
- Marshall University - Smith Hall Renovations

Previous Experience

- Yeager Airport – Gate evaluation and optimization for new flights.
- Yeager Airport Terminal Renovations and Additions. New pedestrian bridge, elevator and lobbies connecting garages to terminal
- Yeager Airport Terminal Renovations and Additions. New cantilever canopies and entrance, security upgrades, full facility fire suppression and new baggage claim system
- Lewis County Courthouse- New Annex Addition
- Millard, Pearl River County, Mississippi Storm Shelters - storm shelter to FEMA 361 Standard
- Picayune, Pearl River County, Mississippi Storm Shelters - storm shelter to FEMA 361 Standards
- Poplarville, Pearl River County, Mississippi Storm Shelters - storm shelter to FEMA 361 standards
- WV Emergency Response Center-WV Miner's Health Safety and Training facility
- WV Golf Hall of Fame Museum and Golf Association Offices Preliminary Design
- Bartlett Tennessee - City Hall - assisted in renovation design
- Batesville Mississippi - Civic Center

- Facilities Renovation/Upgrade/ADA
- Buckhannon Readiness Center - Design Charrette - comprehensive feasibility study for 4 buildings and campus
- Camp Dawson Rappel Tower, Field Leadership Reaction Course and Buildings, Preston County, WV
- Cheswicke Town Centre, PA; Rezoning Services
- Davidson County CJC Jail Restroom Remodel, Davidson County, TN - ADA and modernization to 8 story jail in downtown Nashville, TN.
- Holiday Inn Express, Charleston, WV - Exterior renovation and upgrade.
- Mountain State University - Student Center, Gymnasium and Parking facility - feasibility study
- Paris Landing State Park, TN - Golf Course infrastructure improvements.
- Poplarville WWTP Administrative Office Building and Lab, Poplarville, MS
- Jackson County Libraries - Ravenswood Library addition and remodel
- Jackson County Libraries - Ripley Library addition and remodel
- Nashville TN Forensic Center - preliminary design
- Pennsylvania Air Guard - Repair Squadron Operations Building 107, Pittsburgh, PA.
- Shaner Hotel - Newport, Rhode Island - remodel feasibility study for developer.
- WV State Capitol Parking Garage renovation.

EDUCATION:

B. Arch - University of Tennessee - 1988

PROFESSIONAL REGISTRATIONS:

WV, PA,

PROFESSIONAL AFFILIATION:

American Institute of Architects

AIA, West Virginia Chapter

OTHER:

Certified by National Council of Architectural Registration Boards

LEED AP accredited Professional

AWARDS:

2006 ABC USA Design Award – PE Tech Office Building – Category under \$2 million

2005 Fiscal Year- Corporate Project Manager of the Year for Large Design Corporation with 15 Offices, 350 employees.



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.

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.

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

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.

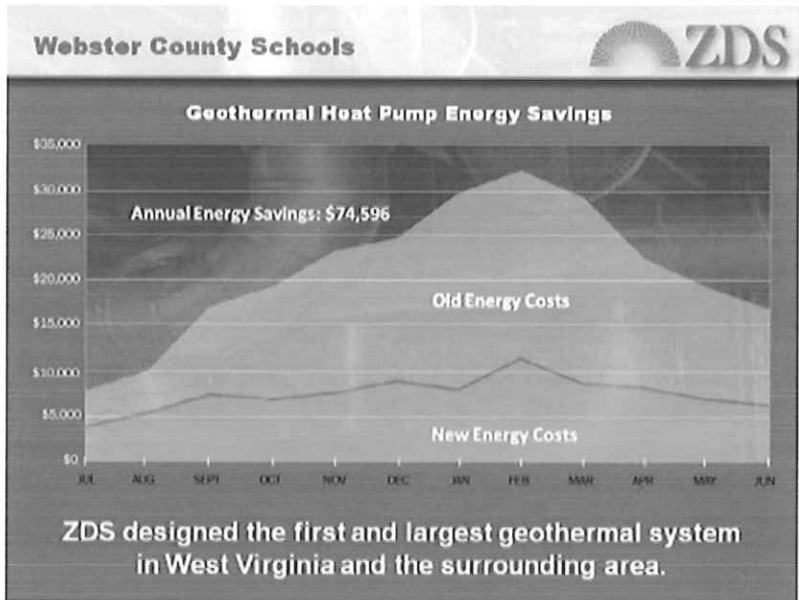


Recent projects include:

- 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.

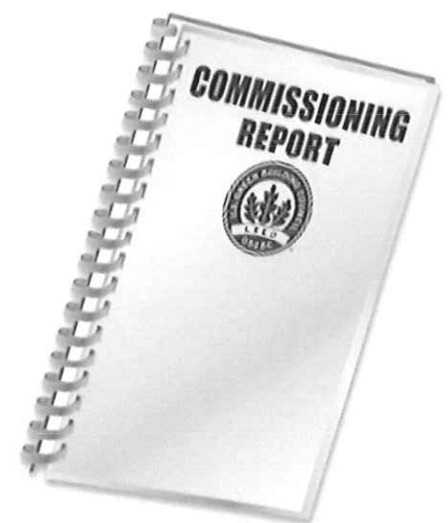
NATIONAL RECOGNITION

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



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 A. Zachwieja III**Systems Administrator
M/E/P Designer**

Ted has over four years of experience and has completed extensive Building Information Modeling studies through Autodesk. He also had special courses in Advanced Computational Techniques, Control Systems, Design Project Management, Design Optimization, Measurement Instruments and Controls, and Sound Attenuation. Ted also has extensive studies in several of the leading engineering programs: Autodesk Revit software, AutoCAD, Pro-Engineering software, ANSYS, Lab View, MATLAB, and complete training in Microsoft Office Software. He also has experience in IT systems and administration. The experience encompasses development and deployment of a central server to networked computer systems, strategic development for a truly mobile employee, and research and development of new project management tools.

Ted's project experience includes the commissioning and design for heating, ventilating, air conditioning, plumbing, electrical and lighting systems for educational, health care, industrial and commercial facilities. He also maintains an active membership to the ASHRAE professional society. He maintains an active continuing education towards today's standards and codes.

Some of Ted's project experiences include the following:

COMMERCIAL and INDUSTRIAL

- West Virginia Air National Guard Maintenance Hangar, Charleston, WV
- West Virginia Air National Guard Fuel Cell Hangar, Charleston, WV
- Bayer Material Science
- I-70 Welcome Center, WV
- West Virginia State Capital Complex Central Heating Plant

HEALTH CARE

- 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

EDUCATIONAL**Schools**

M/E/P design for schools in the following West Virginia counties includes:

- Greenbrier West High School Additions/Renovations, WV
- Davis-Thomas Elementary/Middle School Renovations, WV
- South Charleston High School Renovations, WV
- Glade Elementary/Middle School Renovations, WV
- Elkins Middle School Renovations, WV
- Iaeger/Panther Elementary School, WV

**EDUCATION**

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

PROFESSIONAL AFFILIATIONS

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

James W. Lowry, P.E.
(Continued)**Project Experience (Continued)****COMMERCIAL**

- 4-H Camp Muffly 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



COMPANY LEGAL NAME

Steven Schaefer Associates, Inc

LOCATION OF INCORPORATION

Ohio

LOCATION OF OFFICES

Cincinnati, OH; Columbus, OH

NUMBER OF EMPLOYEES PER OFFICE

Steven Schaefer Associates currently employs 48 design professionals: 45 in Cincinnati and 3 in Columbus

BREAKDOWN OF EMPLOYEES BY DISCIPLINE

Licensed Engineers.....28
 Non-Licensed Engineers.....4
 CAD Technicians.....9
 Support Staff.....7

ABOUT STEVEN SCHAEFER ASSOCIATES

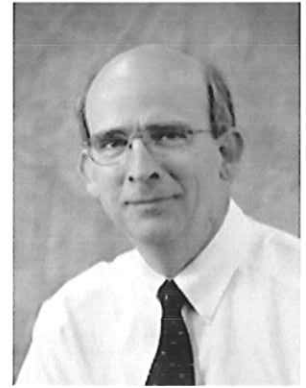
Steven Schaefer Associates' knowledge of building codes allows us to select the most appropriate design parameters for optimal structural efficiency and performance, to meet your budget, and avoid excessive construction costs. Clear and well-detailed construction documents take time up front but result in lower construction bids, fewer change orders and faster construction.

HISTORY

Founded in 1976, our firm is licensed in every state with thirty-two engineers and a drafting staff of nine. We've seen our size grow along with our experience, knowledge and capabilities – giving us the ability to meet your deadlines and the flexibility to respond to change. We have earned a reputation for providing quality documents for projects ranging from simple to complex building structures and provide all aspects of structural engineering – planning, design, inspection, investigation. Steven Schaefer Associates...We design solutions.

WE CAN PROVIDE DESIGN OPTIONS TO OUR CLIENTS THAT OFFER DIFFERENT LEVELS OF SUSTAINABILITY. GETTING INVOLVED IN THE PROCESS AS EARLY AS POSSIBLE ALLOWS FOR INTEGRATED DESIGN, EARLY DEFINITION OF THE OWNER'S GOALS, AND ACHIEVING THE LEVEL OF CERTIFICATION DESIRED. FROM A STRUCTURAL STANDPOINT, WE LOOK AT THE PERCENTAGE OF RECYCLED STEEL, CONCRETE OPTIONS, AND OTHER AVAILABLE SUSTAINABLE MATERIALS SUCH AS STRUCTURAL INSULATED PANELS (SIPs), INSULATED CONCRETE FORMS (ICFs) AND AUTOCLAVED BRICK.

J. GREGORY SLIGER, P.E.
Project Principal



As a project principal, Mr. Sliger oversees the work of the project team, responsible for overall project success, allocating resources to meet the project schedule, and overseeing the project reviews. In this role, he has worked on projects of varying sizes, complexity and materials. Mr. Sliger specializes in design and construction utilizing reinforced concrete, post-tensioned concrete and structural steel.

Experience with Kreps & Zachwieja Architects:

Cecil H. Underwood Youth Center / WV State Fair – Lewisburg, WV

Greenbrier County Public Library – Lewisburg, WV

Elks Country Club – Lewisburg, WV

Roland P. Sharp Alumni Conference Center – Greenbrier County, WV

King's Daughters Medical Center – Ashland, KY

- Heart & Vascular Center
- Medical Plaza A Expansion
- Outpatient Imaging Center

St. Mary's Medical Center – Huntington, WV

- ICU Addition
- Linear Accelerator
- Heart Center Cath Lab

Summersville Memorial Hospital Addition – Summersville, WV

Thomas Memorial Hospital– South Charleston, WV

- Clinical Pavilion
- Emergency Center
- Imaging Center
- Teays Valley Oncology Center

Wetzel County Hospital Outpatient Clinic – New Martinsville, WV

EDUCATION:

MS Civil Engineering University of Cincinnati, 1980

BS Civil Engineering University of Cincinnati, 1979

PROFESSIONAL REGISTRATIONS:

Kentucky 20894

New Hampshire 12633

North Dakota PE6163

Ohio PE47806

Oklahoma 23613

Oregon 81744PE

Texas 98976

Utah 6485350-2203

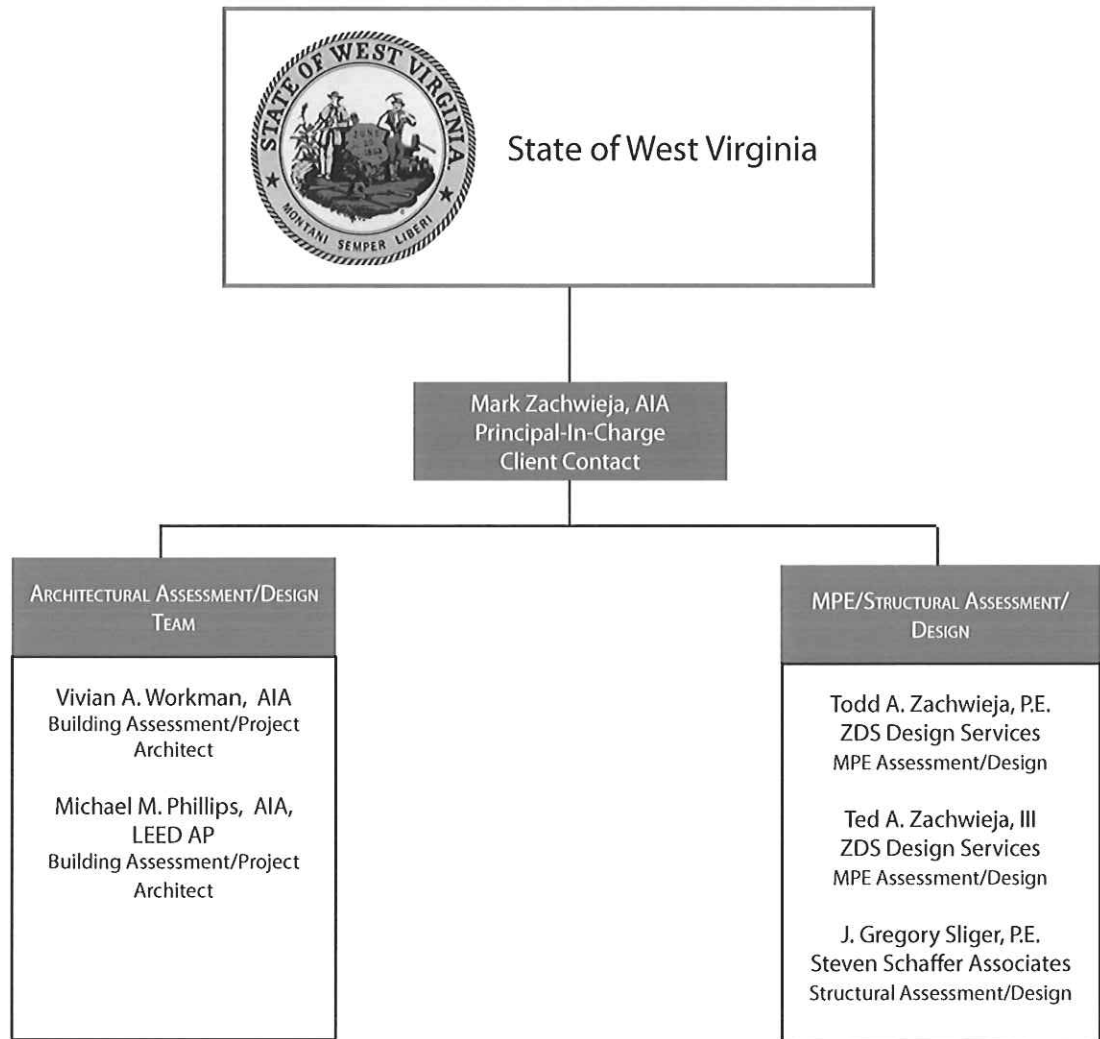
West Virginia 010880

Wisconsin 39243-006

PROJECT ORGANIZATION



PROJECT TEAM STRUCTURE



Your Contact/Main Office:
Kreps and Zachwieja Architects
300 Capitol Street Suite 1100
Charleston, WV 25301
304.346.5361 (p)
304.346.5365 (f)
zach@kandzarchitects.com

PROCESS: A PLANNED APPROACH

ABILITY TO PROVIDE SERVICES

Our Team is in place and ready to begin work on your project immediately. We will work to meet your time line for the project.

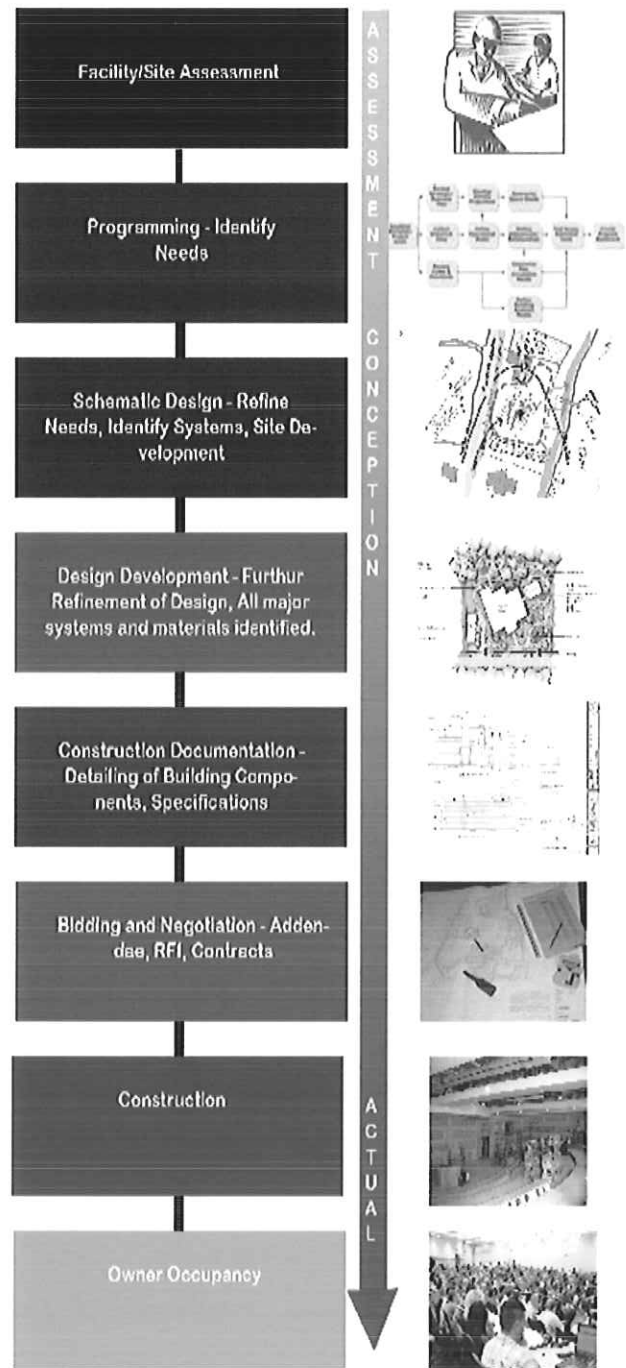
PROJECT DELIVERY

Our Design approach is simple and uncomplicated. We are primarily driven to listen to you and meet your needs. That's it. Our intent is to speed your project to market using an integrated project delivery method that we've been using quite successfully over the years.

Early in the design process we identify the "stake holders" in the project and build consensus on all relevant issues that will arise as the process unfolds. We understand that in order to for this project to be successful, strong leadership will be required on our part to keep the stake holders focused and able to make timely decisions in order to keep the design moving forward. While the team begins work to program the building spaces and give relevant meaning to space and location of each, intense site analysis will be conducted to properly orient the new building to take advantage of any opportunity to enhance the existing complex of buildings. Within weeks, the team will have a program of building spaces that will describe each space by its use and its area in square feet.

Based on this work, we can begin to test our budget by using Order of Magnitude pricing from our vast in-house database of recent local construction costs for office buildings of similar type and size. At this time the team will engage in a series of "workshop" style design meetings with all the key stakeholders. The end result will be a schematic plan and conceptual design including narrative descriptions and an outline specification of all the buildings' engineering systems.

We are confident in our ability to produce drawings early in the project that encourage a meaningful "dialogue" between owner, architect and potential tenant agencies.

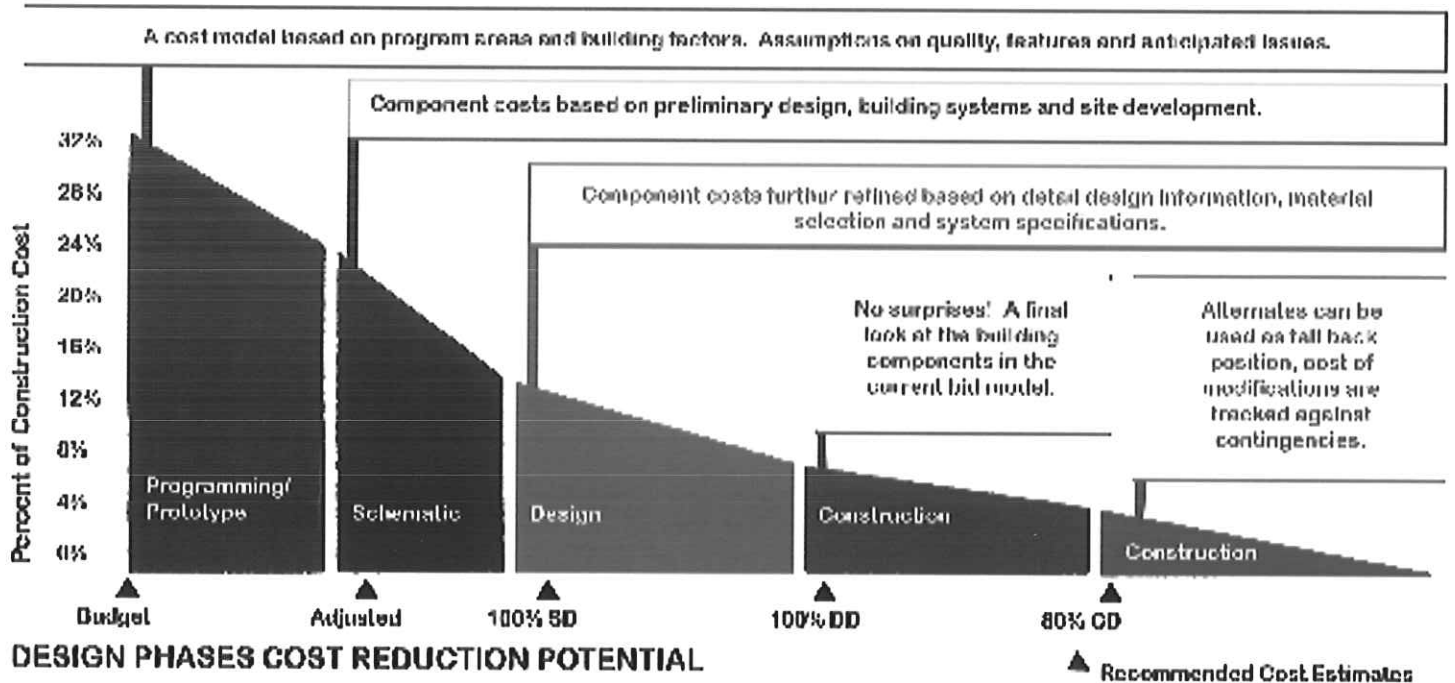


This dialogue will benefit you, the owner, by saving valuable time and money in the process. We would welcome the opportunity to further elaborate on our recent successful experience working with a multiple user groups.

We want to forge a special relationship with the State of West Virginia to produce an award winning project that will enhance the way you do business and meet your goals and objectives.

From there, the design team will begin to narrow the focus of tasks performed to finalize the design and details that will form the construction documents. At 80% completion, we will review the drawings with the owner to perform a cost estimate that will guide us into the final stages of document production and onto approvals for construction to begin. At 100% complete drawings, we will be within budget (our guarantee to you) and the bidding and construction process can begin.

We will provide construction period services throughout the duration of the construction to ensure that the work is being completed to meet your needs. Once construction is finalized, we will be at your service to ensure a smooth transition into the new complex. Near the end of the critical first year of occupancy, the design team will conduct a post-occupancy evaluation to monitor the overall success of the designs and confirm warranties on workmanship, etc. before they expire.



EXPERIENCE



PROJECT IDEALS: ESTABLISHING THE IDENTITY OF THE PROJECT

Every project has a set of overriding ideals that help to drive the vision of the completed building and it's site. These may include:

Branding/Creating an iconographic image

Community Involvement

Complexity

Technology

Sustainability

"WOW" Factor

Award Winning Design

Growth/Expansion

Longevity

Successful projects can incorporate a multitude of these ideals in a harmonious way. The key is establishing these goals early in the process and periodically reviewing them throughout the project design.

Complex and exciting projects need not be maintenance intensive. Through careful selection of appropriate systems, materials and finishes, the maintenance impact of the project can be minimized.

ZDS provided engineering for upgrades for the WV Capitol Complex including Buildings #1, #3, #4, #5, #6, #7, #8 and #10 as part of a Performance Contracting team. They designed Building #11 HVAC Renovations and understand the campus chilled water loop system. We believe our knowledge and involvement in the Capitol Complex's facilities will help with the proposed renovations. ZDS has also provided comparable engineering renovations for the eight-story Judicial Annex facility in Charleston and HVAC/electrical renovations for Harris Hall at Marshall University. Many of their WV County Schools clients involved extensive MEP renovations totaling hundreds of millions in construction costs. These include Raleigh County School's Woodrow Wilson High School, Park Middle School, Shady Springs Middle School, Trap Hill Middle School, Randolph County School's Elkins Middle School, Webster County High School and many others.

We believe that our combined specialties and experience with your facility provide the State of West Virginia with the best expertise to provide economical solutions to your specific projects needs. Our proposed Team Members have knowledge of your existing facility, which will also aid in responding promptly to your needs.

Our approach to incorporate new proven technologies and management methods have saved our clients substantial money in the construction costs and operating costs. Our team has over five decades of experience in West Virginia giving us a great local understanding of the State community. Our Team consists of code specialists to help ensure that the proposed renovations also incorporate the State of WV Fire Marshal requirements, NFPA, ASHRAE, NEC, International Building Code and other pertinent requirements. We also have an excellent reputation with the WV State Fire Marshal's office. We believe that our combined specialties provide the West Virginia Capitol Building with the best expertise to provide economical solutions for your specific projects needs.



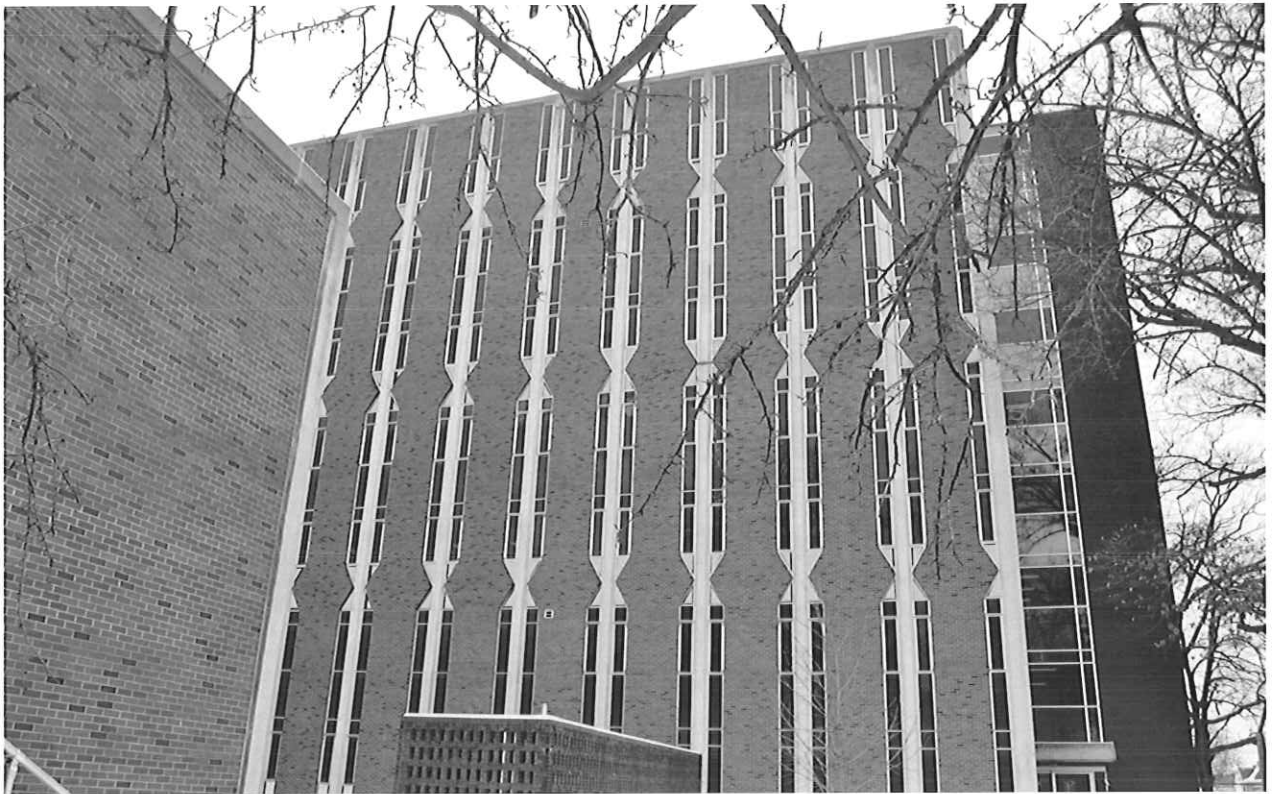
OFFICE BUILDING
 PULLMAN, FOWLER & FLANNIGAN
 Charleston, West Virginia

CONSTRUCTION COST:
 \$3,500,000
 COMPLETION DATE:
 2007
 PROJECT SIZE:
 33,000 SF
 SERVICES PROVIDED:
 Facility Masterplanning
 Architectural Design
 Construction Administration
 CONTACT;
 Kevin Cushing, Firm
 Administrator
 Charleston, WV
 304.344.0100
 kcushing@pffwv.com

In 2005 the law firm of Pullman, Fowler and Flannigan had outgrown their office space in downtown Charleston and purchased a building in the heart of Charlestons Historic District. The partners hired Kreps and Zachwieja Architects to rehabilitate the building which previously contained retail and office space.

The program required a complete historic rehabilitation including historic window replacement. The owner also received Rehabilitation Investment Tax Credits (R.I.T.C.). The work was monitored by the WV State Historic Preservation Office in order to comply with the Department of the Interior Standards for Historic Rehabilitation. The building was completed in 2006 and was the recipient of an ABC Excellence in Construction Award.





Construction Cost: Budget \$4.2 M

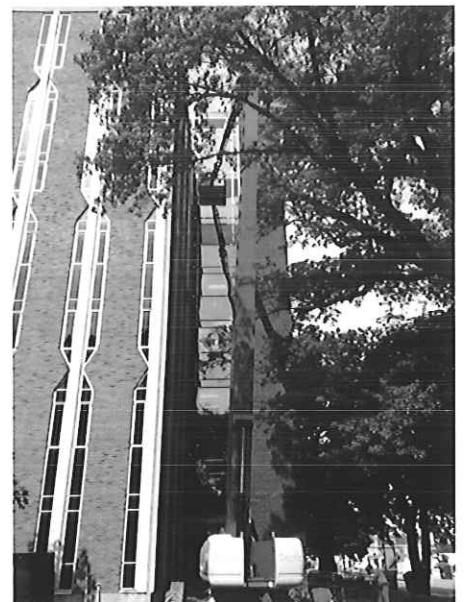
Bid \$2.6

Completion Date: 2012

MARSHALL UNIVERSITY - SMITH HALL
Huntington, West Virginia

Recently completed is the complete window and sanitary stack replacement for Smith Hall, Smith Music and Smith Communications. Replacement of the original windows with newer more thermally efficient system involved significant investigation into an appropriate system that could be retrofitted into the existing structure without significant changes to the appearance of the building. Documents were produced on a very tight schedule and the phased project is currently on schedule for a phase I completion this summer and a phase II next year. Adding to the difficulty in of this project is the retrofit

for new window system and the need to complete the classroom window replacement and sanitary piping replacement portions of the work in the main tower during the summer when classes are not in session. Photographic renderings of multiple options for window system options allowed the owner to make a quick decision on style and color for the completed glazing system.



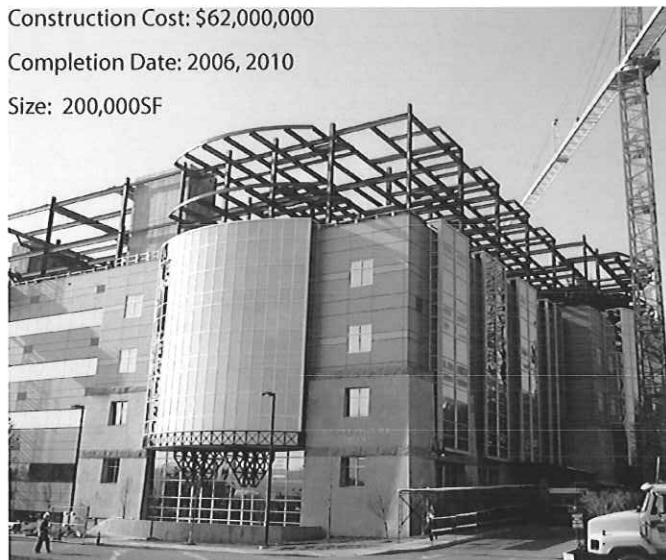


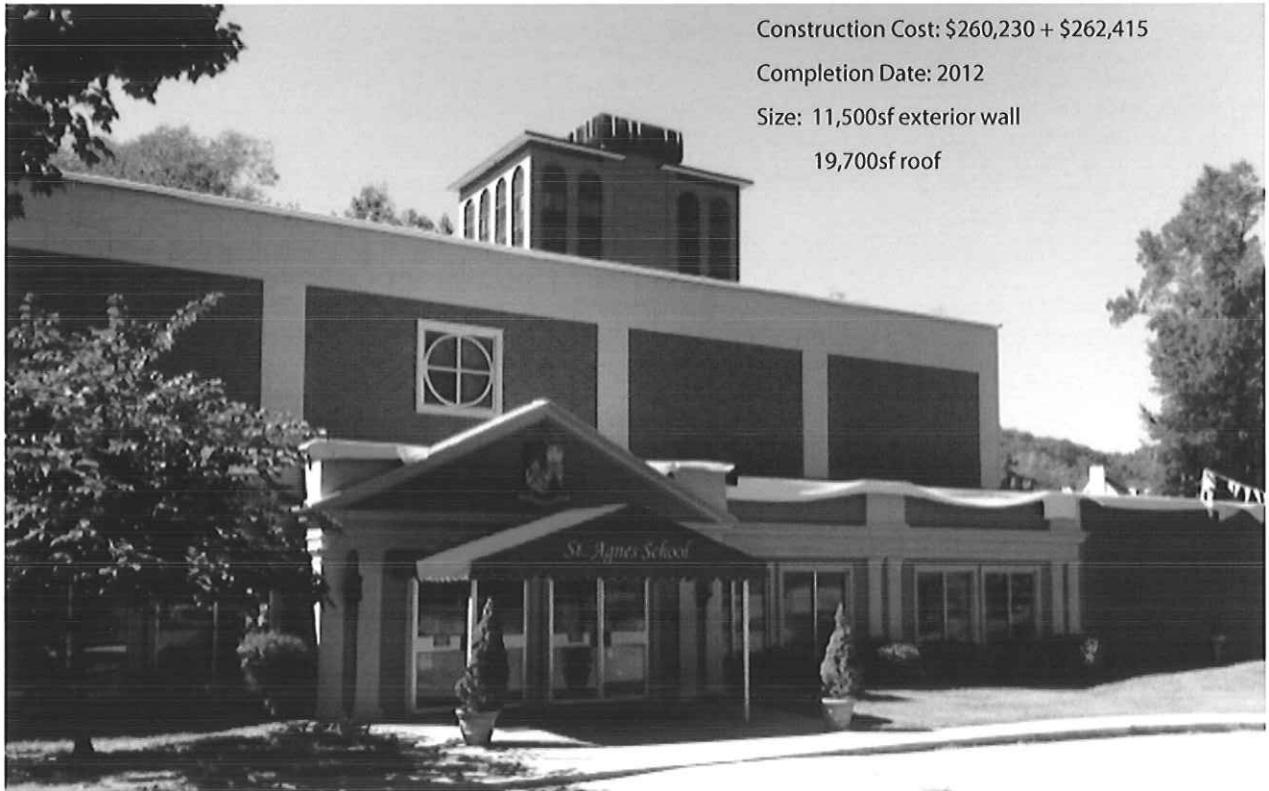
Over the last 12+ years, our team has been involved in numerous projects both on and off the King's Daughters Ashland Campus. The Heart and Vascular Center (HVC), pictured right, is a synthesis of these efforts. Since its completion in 2004, the HVC has become one of the more recognizable buildings in the region and serves as the identity of the Hospital. As the facility expands upwards, the existing facility must remain in operation. Through the use of a fully adhered EPDM roof and removable/reusable skylights over the elevator towers, we are able to minimize disruptions to existing services and keep the facility weather-tight as the expansion occurs.

KING'S DAUGHTERS MEDICAL CENTER
Ashland, Kentucky



Construction Cost: \$62,000,000
Completion Date: 2006, 2010
Size: 200,000SF





Construction Cost: \$260,230 + \$262,415

Completion Date: 2012

Size: 11,500sf exterior wall

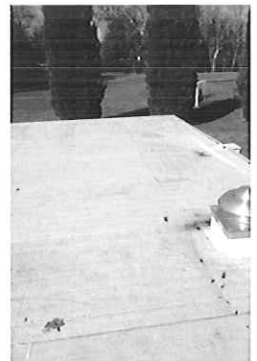
19,700sf roof

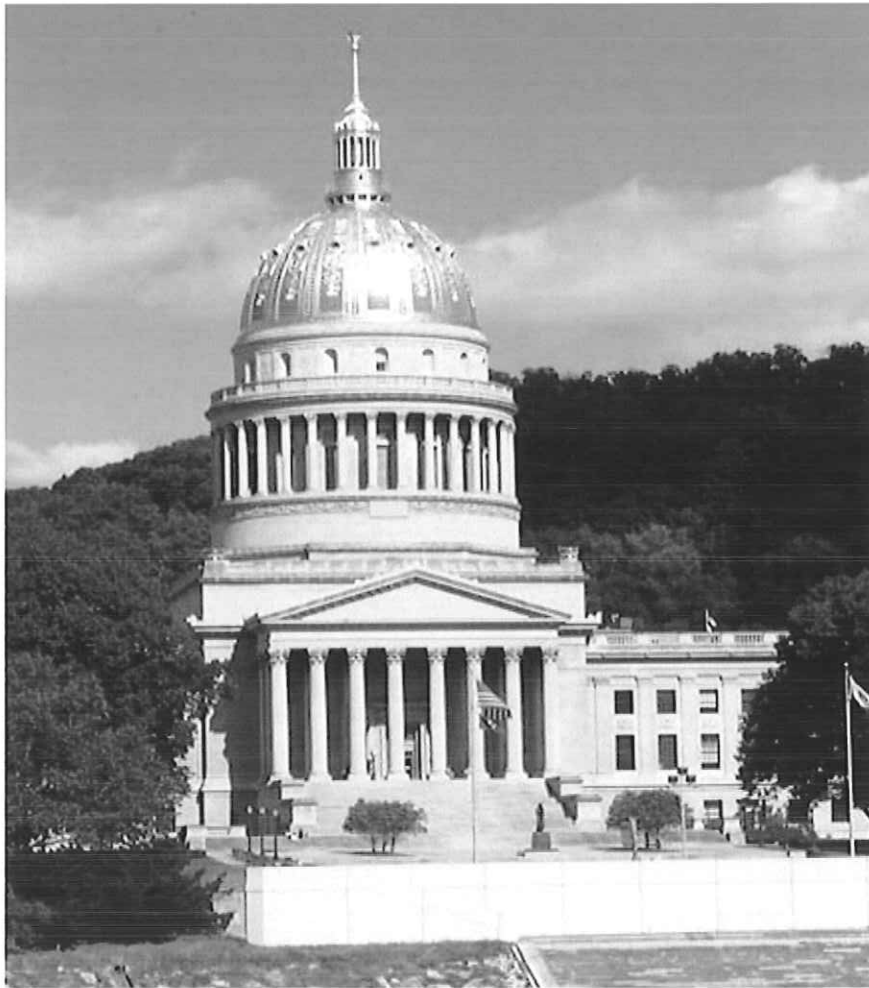
Exterior Restoration: The existing Exterior Insulated Finish System installed when the building was built in 1990 was severely deteriorated because of poor detailing, poor workmanship and vandalism. We were called in to evaluate the system for replacement and made the recommendation for replacing the system with a Cement Panel system that would provide superior performance coupled with a more professional look.



ST. AGNES SCHOOL
Charleston, WV

Roof Repair / Replacement: The existing roofs were of 3 different types: a built up roof on concrete transite panels, a single ply membrane roof on decking and mostly a ballasted epdm on decking. K&Z specified a fully adhered white epdm roof system on tapered insulation that increased the R-Value of the roofs and improved the drainage of the roofs





CAPITOL COMPLEX
STATE OF WEST VIRGINIA
Charleston, West Virginia

CONSTRUCTION COST:
 \$18,562,000

COMPLETION DATE:
 2007 for construction, currently under design.

PROJECT SIZE:
 1,929,155 SQ. FT.

SERVICES PROVIDED:
 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.

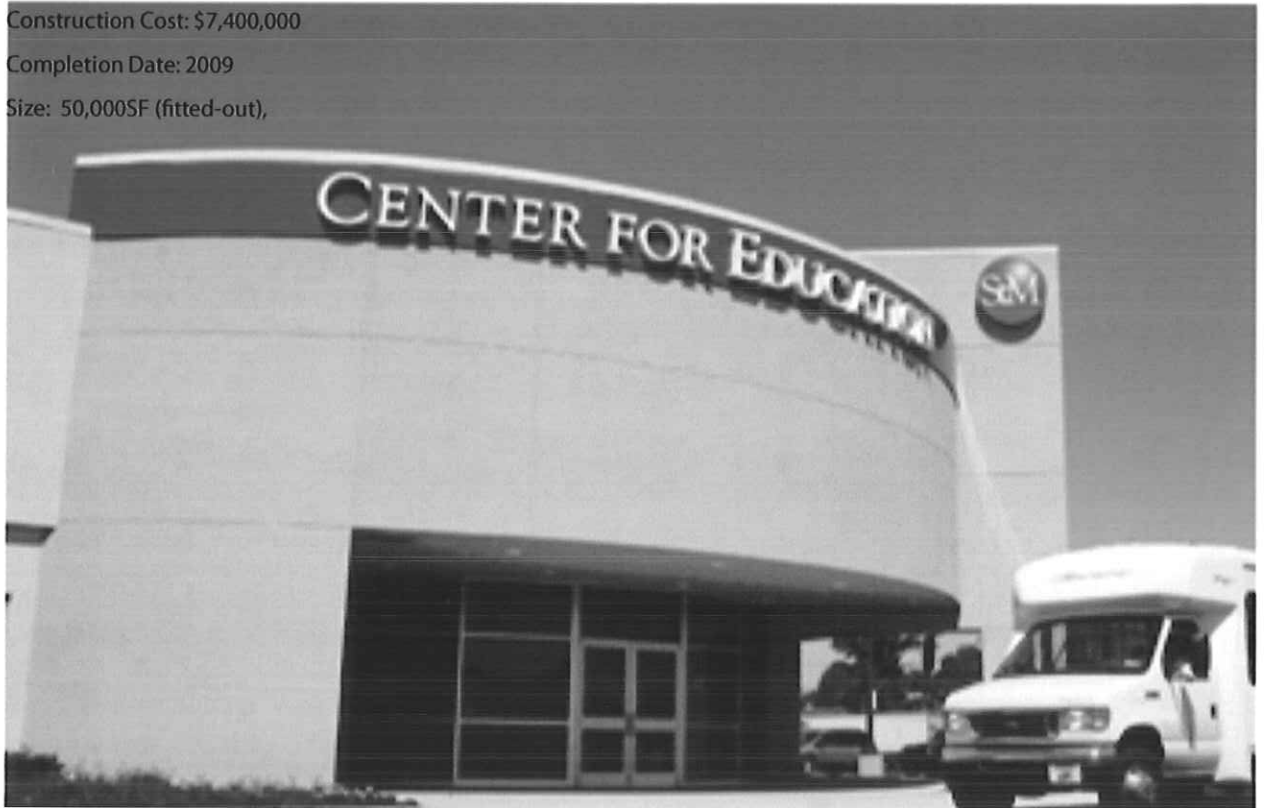
CONTACT;
 Mr. Russ Labarbra
 Johnson Controls, Inc.
 4132 First Avenue
 Nitro, WV 25143
 (304) 759-2709
 (304) 389-1254

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 were past their expected service life and were 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, 11, 13, 15, 16 and 17. 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.

Construction Cost: \$7,400,000

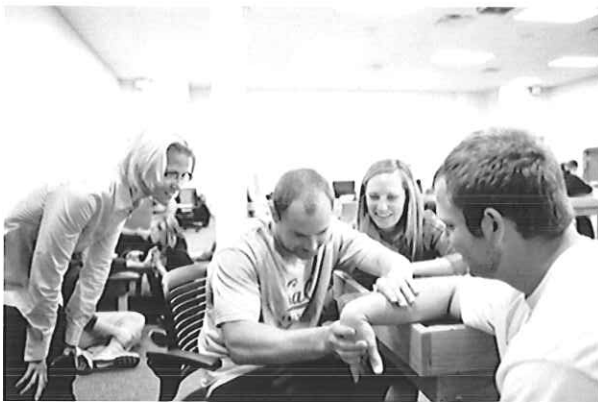
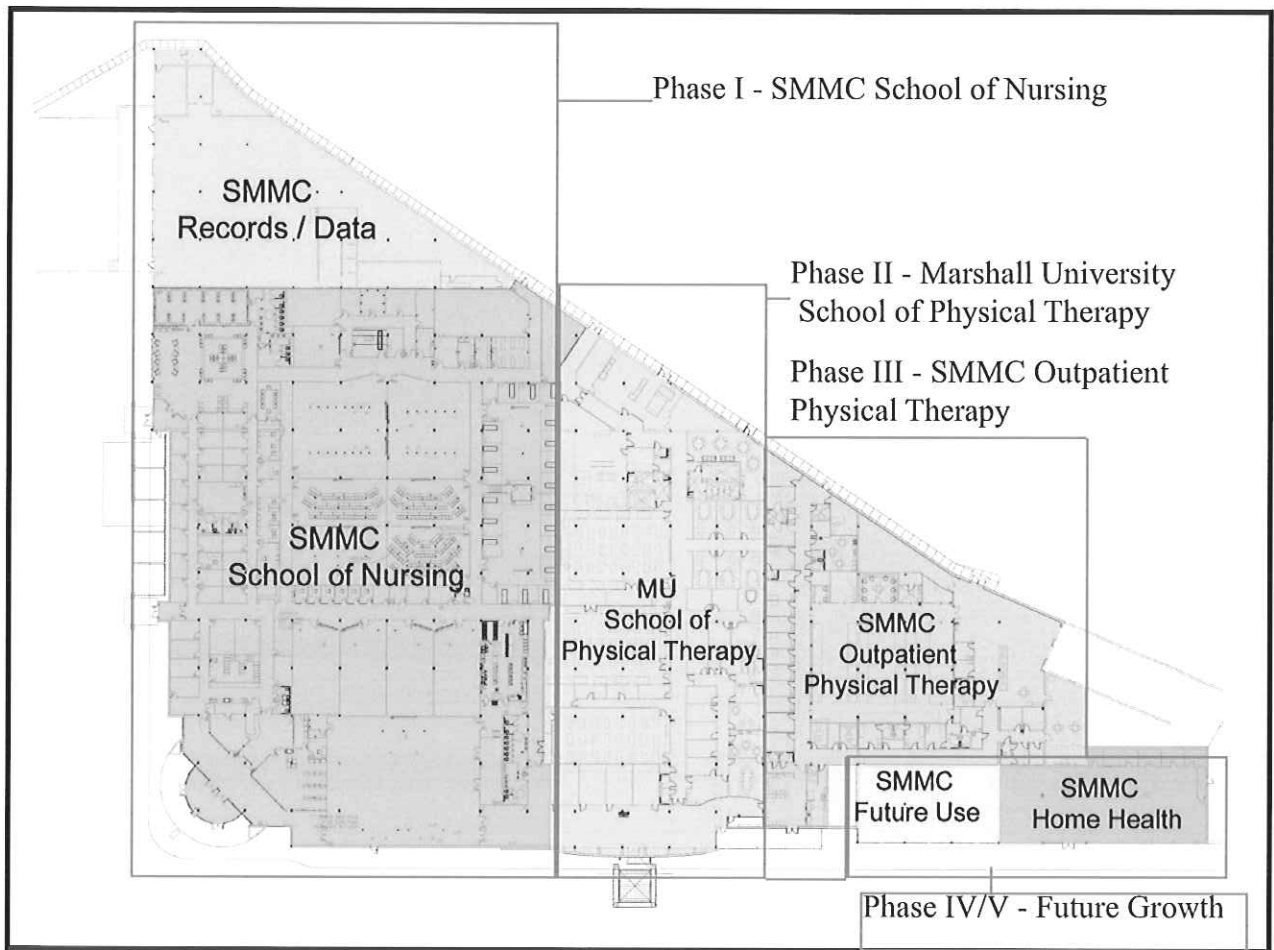
Completion Date: 2009

Size: 50,000SF (fitted-out),



ST. MARY'S MEDICAL CENTER SCHOOL OF NURSING/MARSHALL UNIVERSITY SCHOOL OF
PHYSICAL THERAPY
Huntington, West Virginia





The task: Convert an old grocery store into a new and modern School of Nursing. The design team also programmed much needed conference/educational facilities for the main Medical Center Campus (just a few blocks away). The interactive learning center spaces developed here have set a new standard for medical education facilities in this region.



Sometimes the only way for a facility to expand is to set up a satellite campus. For SMMC, the existing school of nursing building is nearing the end of its life and was inadequate to meet the needs for modernized instruction. The hospital purchased an old grocery store and decided to relocate its School of Nursing program to this facility. The new facility, The Center for Education, was renovated a second time for the Marshall University School of Physical Therapy, a Doctorate level program recently introduced at Marshall University. Phase III is now under construction which will bring the Outpatient Physical Therapy program under the CFE roof and allow the MU students to gain valuable practical experience.

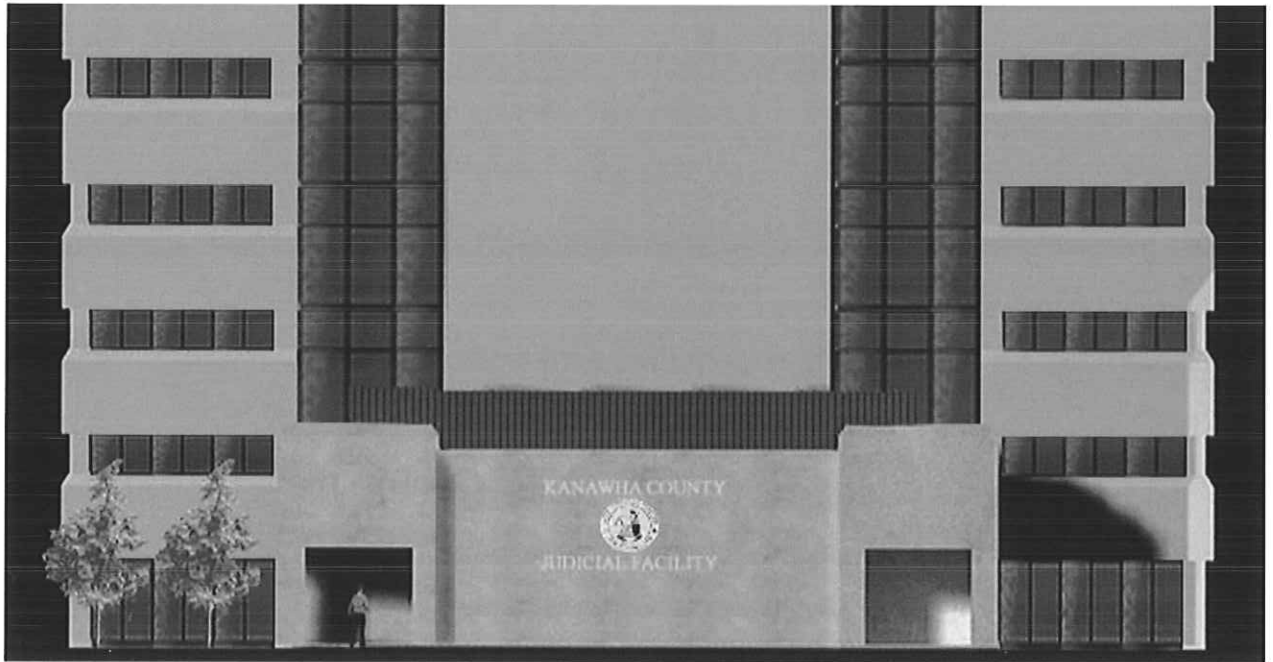


CAPITOL COMPLEX (CONT.) STATE OF WEST VIRGINIA Charleston, West Virginia

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 600,000 square-feet of office space. A centralized heating plant offers greater efficiency in overall system operation, 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 is projected to expand as the State realizes the value of the program and aids in helping them operate their facilities more efficiently and effectively. The WV Division of Protective Services is also incorporating some of the integrated campus wide security, fire alarm, intercom, emergency power, and communications infrastructure upgrades either with the base program work or with the remaining through a separate contract using ZDS to design and administer the construction activities for 2,137,400 square-feet involving 15 buildings at the campus.



KANAWHA COUNTY JUDICIAL ANNEX - HVAC RETROFITS

KANAWHA COUNTY COMMISSION Charleston, West Virginia

CONSTRUCTION COST:
\$10,270,000

COMPLETION DATE:
2004

PROJECT SIZE:
Renovations: 93,000 SQ. FT.
Additions: 23,000 SQ. FT.

The Judicial Annex, located across the street from the Kanawha County Courthouse in Charleston, WV, was originally constructed in 1982. The original eight-story building is attached to a multilevel parking garage.

The Kanawha County Commission initially contracted ZDS in 1998 to evaluate the Judicial Annex's existing mechanical and electrical systems. ZDS prepared an extensive report which showed opinion of costs for many options. The report covered multiple HVAC approaches with advantages and disadvantages for each. Some of the HVAC equipment was in poor condition and while the Owner was deciding on when to proceed with the recommended work, the primary chiller failed. The weather was hot so ZDS was commissioned under emergency conditions to find a solution as soon as possible to avoid closure of the facility. ZDS designed/project managed a replacement chiller within days of the equipment failure which prevented extended closure of the building.

The Kanawha County Commission then hired ZDS to provide engineering design/construction administration services for renovations for the facility and significant additions. The renovations included seven Circuit Court courtrooms; jury deliberation rooms; attorney conference rooms; witness rooms; Court Clerks offices, public research area; adult probation offices; Maintenance Shops, Prosecutors offices, Voter's Registration, Court Administration offices; and all public areas. The engineering for the additions included a new entrance, security checkpoint, and lobby to alleviate a very overcrowded situation and a building expansion for Juvenile Probation and a newly established Family Court.

SERVICES PROVIDED:
Engineering planning, design, bidding and construction administration services comprehensive HVAC retrofits, DDC Controls, smoke control system, sprinklers and plumbing retrofits.

CONTACT;
Ms. Jerie Whitehead, Director,
PO Box 3627 Charleston, WV
25336 Phone (304)-357-0115



KANAWHA COUNTY JUDICIAL ANNEX - HVAC RETROFITS (CONT.)

KANAWHA COUNTY COMMISSION Charleston, West Virginia

ZDS designed a VAV air handling system with a reheat HVAC system to address health, safety, and IAQ issues by increasing outdoor ventilation air rates, higher filtration, strict humidity control, DDC monitoring/control, carbon monoxide demand control ventilation, outside air measuring/monitoring and other design strategies. Multiple HVAC options with their associated opinion of costs for modifying, updating and replacing the existing equipment were reviewed with the Owner for their preferences to find the best fit with the existing maintenance staff. All HVAC equipment was designed for full DDC controls for remote monitoring, and energy efficiency.

Other support services and building infrastructures improvements installed concurrently include complete voice and data wiring systems, including wiring for LAN; new power distribution for clean and normal power; and new lighting systems that complement the computer environment. Building security improvements included a central security control room, staffed twenty-four hours a day; security vestibule with screening stations; closed circuit monitoring and card access admission systems; secured private judges suites connected to a private elevator; secured prisoner transfer from sally port to courtrooms; emergency call system from courtrooms, chambers and other public-interface points.



WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE Lewisburg, WV

Starting with a new campus masterplan in 1989, Kreps and Zachwieja has worked with the WV School of Osteopathic Medicine to adaptively reuse the existing buildings on the historic military school campus. Kreps and Zachwieja developed masterplans that converted former residence halls into administrative office space and modernized classrooms for medical school use. Keeping the historic character of the campus in tact is accomplished through historically sensitive renovations and additions. All of the new buildings designed by Kreps and Zachwieja invoke the old military school architectural style through the use of iconic architectural elements found in the original buildings.

Kreps and Zachwieja's affiliation with WVSOM School began in the 1980's. The school was granted an increase in student enrollment and the 1987 Master Plan reflected the need for this new growth and was implemented over the next 10 years. At that time the school was granted an additional increase in enrollment which resulted in the 2000 Master Plan. This plan is currently being implemented most recently with the new Center for Clinical Evaluation, which is was complete in 2009. Other Projects of note completed in the last 10 years include:

CONSTRUCTION COST:
\$40,000,000+(combined)

COMPLETION DATE:
1989-2009

FEATURES:
Center for Clinical Evaluation
Center for Technology and Rural Medicine
Robert C. Byrd Clinic Phase I, II, and III
Frederic W. Smith Laboratory

SERVICES PROVIDED:
Facility Masterplanning
Architectural Design
Construction Administration

CONTACT;

Michael D. Adleman, D.O.

Acting President

President's Office

B205A, B Building

Phone: 304-647-6200

Fax: 304-645-4859

madelman@osteo.wvsom.edu



WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE Lewisburg, WV

CENTER FOR TECHNOLOGY AND RURAL MEDICINE

Construction Cost: \$4,000,000

Completion Date: 2006

This new 21,000 sq. ft. facility under construction contains two 200 seat tiered lecture rooms. The building is to be the centralized hub and offices for campus data and communication systems.

ADMISSIONS CENTER

Construction Cost: \$1,300,000

Completion Date: 2005

This new 3,960 sq. ft. single-story facility houses admissions and recruiting offices. The Admission Center's location falls within the city of Lewisburg's Historical District so the building's shape and character adapt to the historical flavor of the area.

LABORATORY FACILITY

Construction Cost: \$3,000,000 + \$1,700,000

Completion Date: 1992, 2005

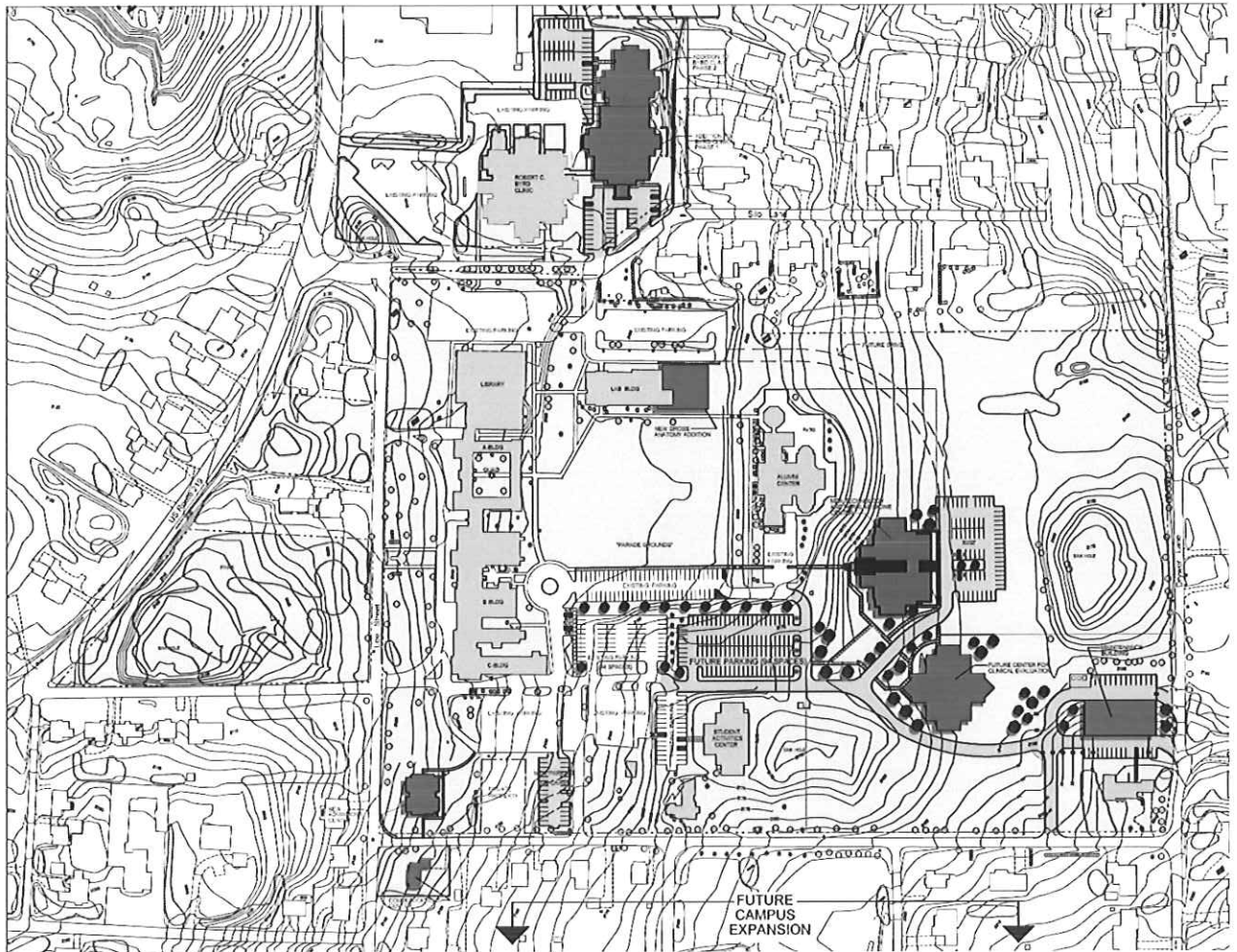
This two story laboratory building houses gross anatomy, morgue, animal quarters and research laboratories for the medical school. The project was completed on schedule and for the exact estimated cost originally established for this facility at its schematic conception. A \$1,700,000 addition to this facility has been completed.

MULTI-SPECIALTY CLINIC

Construction Cost: \$9,000,000 (Combined)

Completion Date: 1997, 2002 and 2004

Construction was completed in 1997 for a new, single story, 27,000 sq. ft., multi-specialty clinic on the WVSOM Campus. The design and functional flow of the facility has received complimentary statements from the users and the public. The American Institute of Architects/West Virginia awarded this Project its highest design award in November 1997. In 2002, a 1,170 sq. ft. Addition of eight pediatric examination rooms was completed. Construction has been completed on Phase 1 of the 25,000 sq. ft. one-story East Addition to the Clinic with the primary function as a geriatric assessment center. Phase 2 construction is complete.



WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE Lewisburg, WV

MEDICAL LIBRARY AND OP&P LAB

Construction Cost: \$2,200,000

Completion Date: 1999

An addition and renovation containing 22,000 sq. ft. has been completed on this campus and is the fifth major project for which we have provided services to WVSOM.

ROLAND P. SHARP ALUMNI CENTER RENOVATION

Construction Cost: \$1,200,000

Completion Date: 2001

A 6,000 sq. ft. addition and 2,000 sq. ft. renovation of the dining and kitchen area to the existing one-story Alumni Center.

STUDENT ACTIVITIES CENTER

Construction Cost: \$2,300,000 (combined)

Completion Date: 2003, 2009

Kreps and Zachwieja provided a new 9,800 sq. ft. new gymnasium and other renovations to the original 9,800 sq. ft. one-story building housing a gymnasium, exercise room, weight room, locker/toilet rooms and related support areas that was completed in 2003. This allows for a dedicated free weight, cardio, weight machine and exercise areas as well as a new multi-purpose gymnasium center.



UNITED STATES FEDERAL COURTHOUSE Charleston, West Virginia

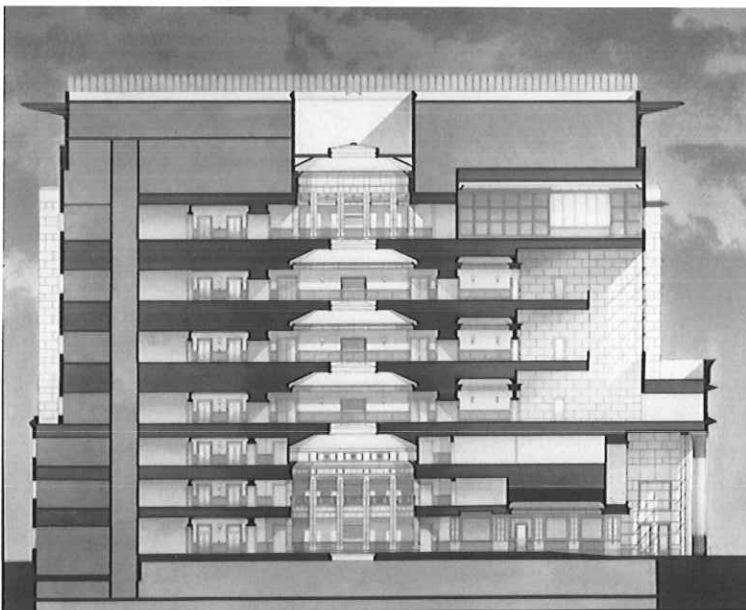
Kreps and Zachwieja was part of the architectural team for this totally new 420,000 sq. ft. facility. Our responsibility included space planning for 150,000 sq. ft. of U. S. government space and site work. The courthouse and federal building is among the most significant civic structures in West Virginia

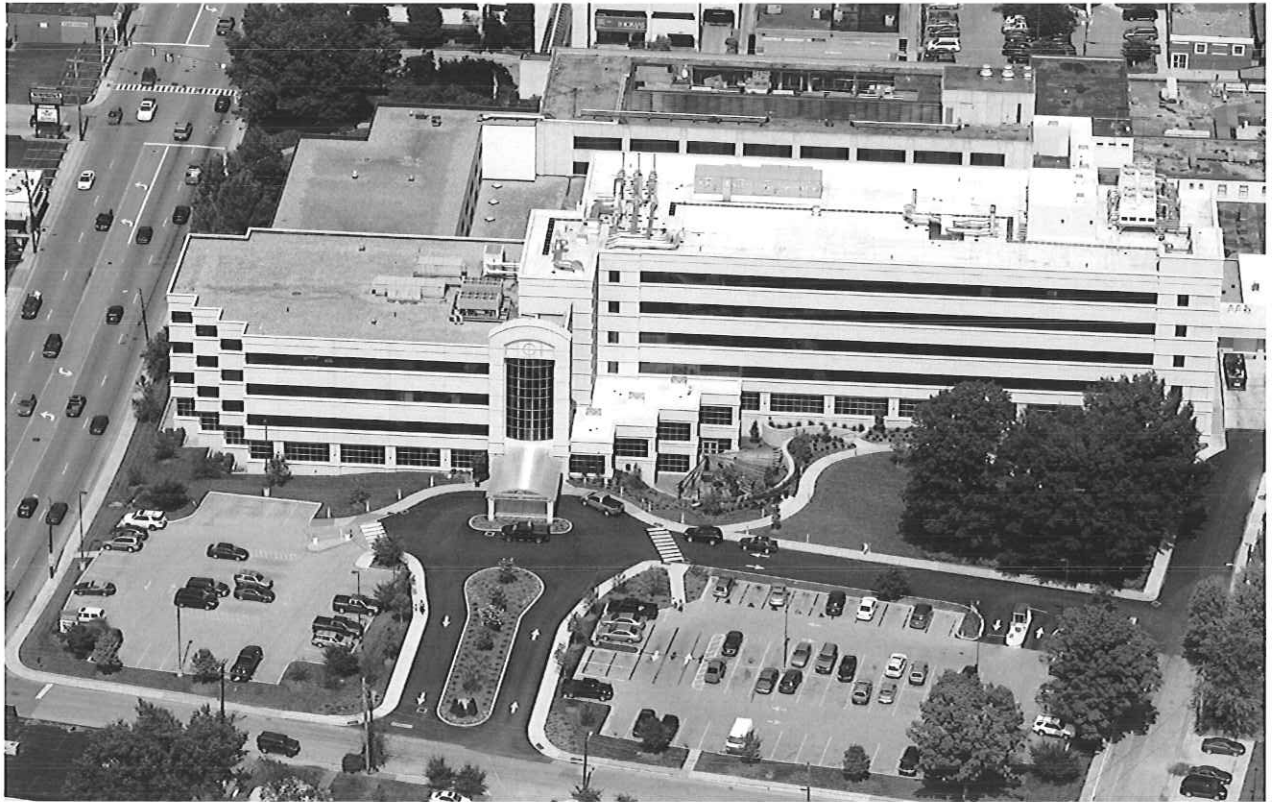
CONSTRUCTION COST:
\$63,000,000

COMPLETION DATE:
1997

PROJECT SIZE:
150,000 SF
420,000 SF

SERVICES PROVIDED:
Architectural Design





MEDICAL OFFICE AND CLINICAL PAVILIONS
THOMAS MEMORIAL HOSPITAL
 South Charleston, West Virginia

Our association with Thomas Memorial Hospital began in 1949. Early additions and alterations for Thomas in the 1950's and 1960's by our original founders Vecellio and Kreps have been eclipsed by recent projects by Kreps and Zachwieja Architects. More recent projects of note include the Medical Office Pavilion and \$60 million Clinical Pavilion. These multi-phased projects are the culmination of several years of planning. Their combined total project cost of over \$100 million represents the largest investment at their South Charleston Campus in 65 year history.

The design parameters that were set for this building were kept during the next and larger phase of the project. This project gives our client, Thomas Health Systems, the only all private room hospital in the Kanawaha Valley.

CONSTRUCTION COST:
 \$76,000,000
COMPLETION DATE:
 2005, 2010
PROJECT SIZE:
 256,240 SF combined
SERVICES PROVIDED:
 Facility Masterplanning
 Architectural Design
 Construction Administration
CONTACT;
 Stephen P. Dexter, CEO
 Thomas Memorial Hospital
 4605 MacCorckle, SW
 South Charleston, WV 25309
 304.766.3684

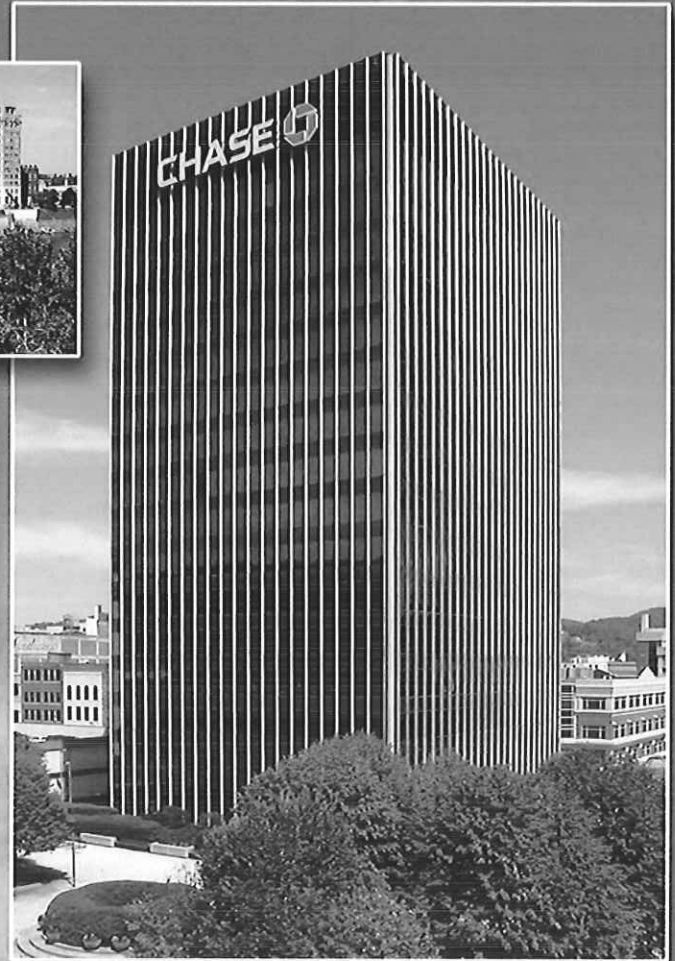


Engineering for Commercial Facilities

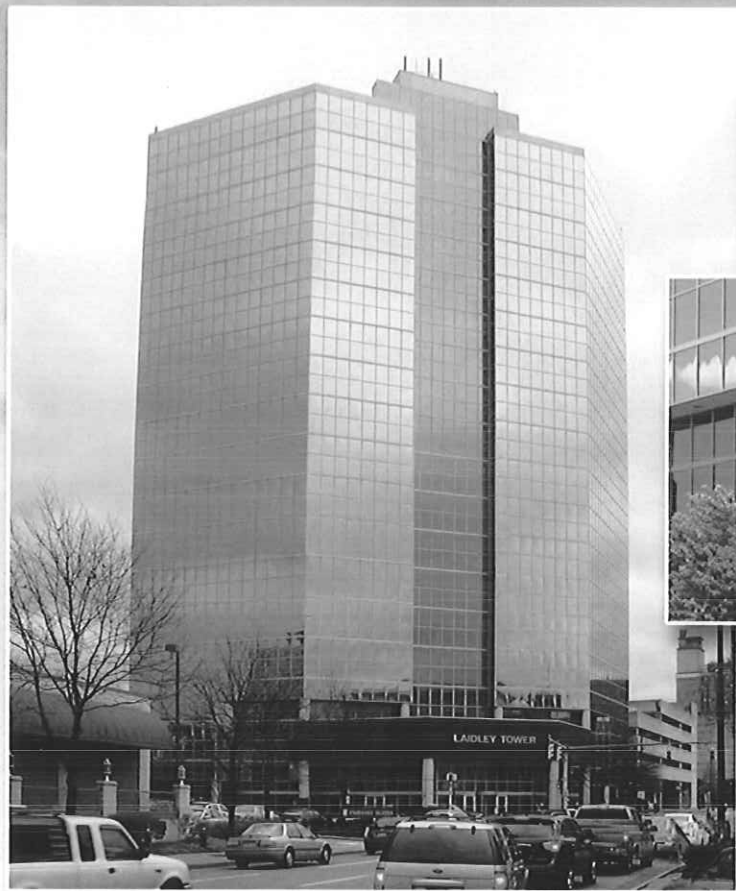
ZDS project experience includes a wide variety of commercial buildings — office, retail, judicial, banking, dining, technical and other facility types.

Bank One/Chase

A Charleston skyline focal point, the Chase Tower (formerly Bank One) contains 271,000 feet of professional office space.



ZDS replaced the core central HVAC system for the entire building.



Laidley Tower

One of the State's tallest buildings rising 18 stories high.

ZDS provided the Master Engineering Planning for the whole structure.

ZDS upgraded the core Mechanical/Electrical and Plumbing systems as well as customized tenant build-out renovations.

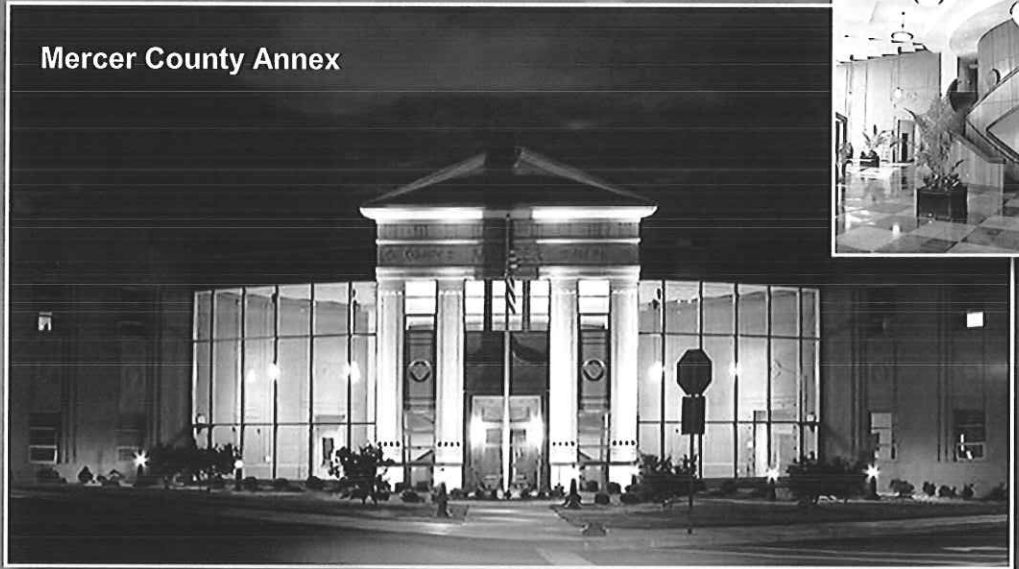


Design/Consulting Services

ZDS provided engineering planning, design, bidding and construction administration services for HVAC, Electrical, Plumbing and Fire Protection.

ZDS evaluated the existing courthouse's potential power needs and incorporated those in the new Judicial Annex's electrical systems while providing emergency power.

Mercer County Annex



West Virginia Museum of Culture and History

Renovations save the Museum nearly \$153,000 in annual energy costs while preserving the State's priceless collection with proper HVAC, humidification, lighting, electrical and power generator systems.

ZDS engineered the prototype for all of the Welcome Centers and Rest Areas throughout West Virginia.

AIA recognized the Burnsville Rest Area with a Merit Award.



Design/Consulting Services

ZDS LEED Project Experience



Air National Guard—130th Airlift Wing at Yeager Airport, Phase I and Phase II Aircraft Maintenance Fuel Systems Hangars and Shops

Registered for Two LEED Air Force Silver Certifications



Design/Consulting Services

ZDS LEED Project Experience



Buildings 5, 6 and 7



East Wing



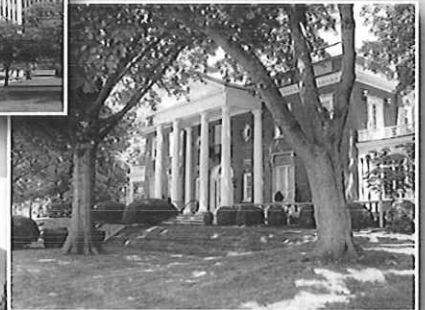
West Wing



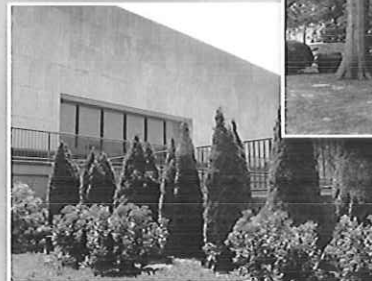
Building 4



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

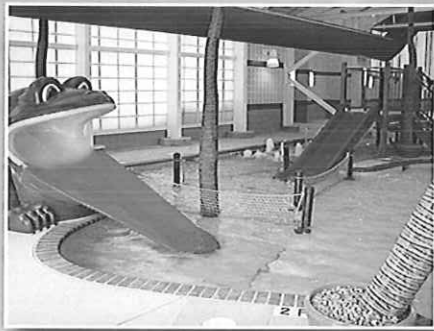


Design/Consulting Services

ZDS LEED Project Experience

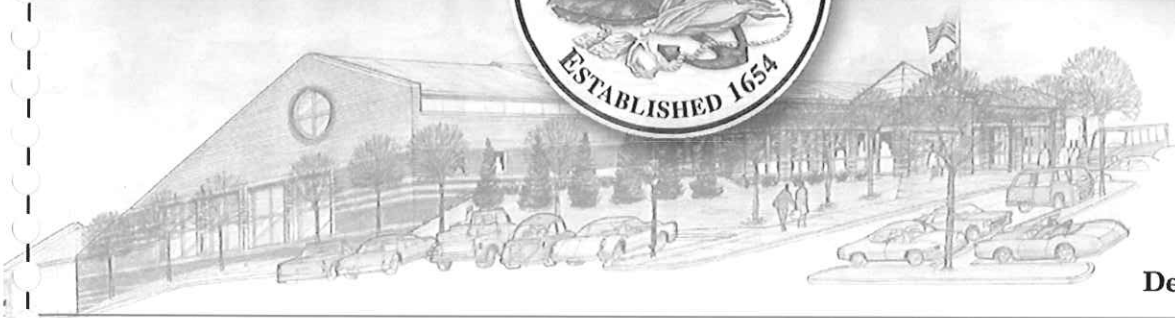
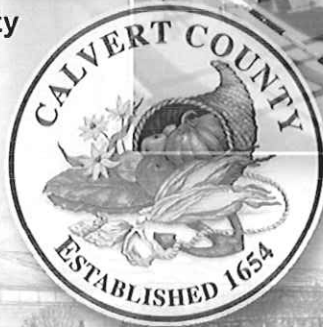
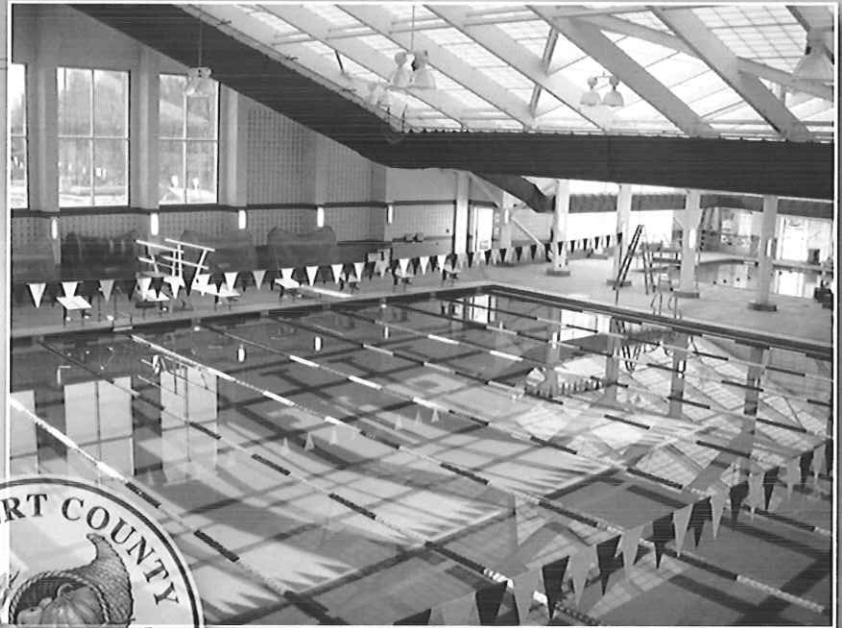


Marshall University Harris Hall
Applied LEED Principles



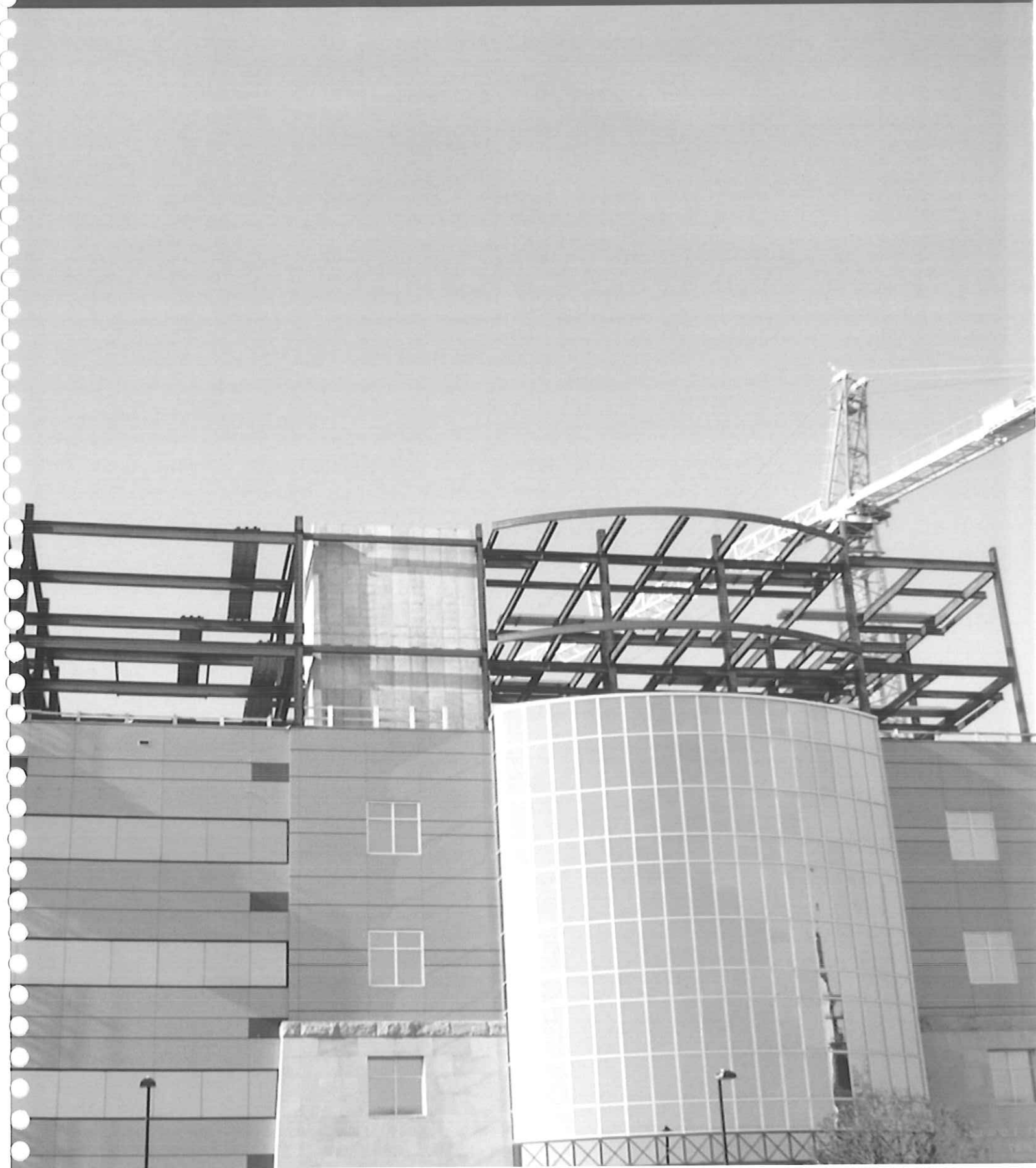
**Maryland - Calvert County
Indoor Aquatic Center**

Adapted LEED Principles
Including Commissioning



Design/Consulting Services

REFERENCES



CLIENT REFERENCES

Ron May

Marshall University
One John Marshall Drive
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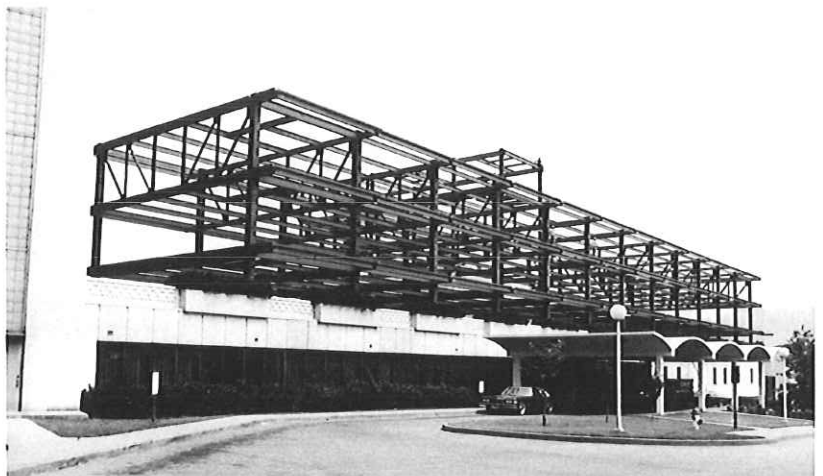
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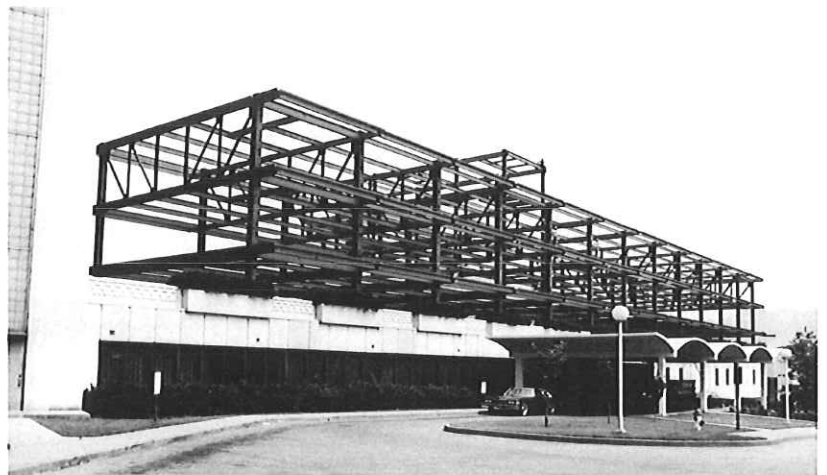
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Charleston, WV
304.344.0100
kcushing@pffvw.com

ZDS:

We pride ourselves as being viewed as an extension to our client's staff and successfully incorporating pertinent information about their facility into any proposed solution. We have extensive renovation experience including phasing construction. Please call our references and ask how well we worked with their staff, about our technical strengths and our ability to work with contractors to provide the Owner with a quality project. ZDS references that we would encourage you to call, and which relate to this type of Project include:

Mr. Greg Nicholson, Chief Executive Officer
WVDHHR
304. 558.3217

Mr. Mark Lynch, Dir. of Facility Operations
WV Div. of Culture & History
304.558.0220, ext 160

Mr. Tony Crislip, Manager
Physical Plant
Marshall University
304. 696.6241

Dr. Mark Manchin, Executive Director
School Building Authority
304. 558.2541

Mr. Mike Pickens, Executive Director
Office of School Facilities
304.558.2711, has knowledge with ZDS's work for over ten years.

Ms. Jerie Whitehead, Purchasing Director
Kanawha County Commission
304. 357.0115

Mr. Racine Thompson, Assistant Superintendent
Raleigh Co Schools
304.256.4500, ext 3326, has worked with ZDS for over 15 years.

CONTRACTOR REFERENCES

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Charlie Tennant, President
Michael Gullett, Vice President
3321 Winchester Avenue
Ashland, KY 41105
606.325.4673

BBL CARLTON INC.

Keith McClanahan, Director of Operations
900 Lee Street
Suite 1400
Charleston, WV 25301
304.345.1300

MAYNARD C. SMITH CONSTRUCTION INC.

John Strickland, President
3410 Chesterfield Avenue
Charleston, WV 25304
304.925.3228

JARRETT CONSTRUCTION COMPANY

John Jarrett
P.O. Box 5250
Charleston, WV 25301
304.344.9140

NEIGHBORGALL CONSTRUCTION

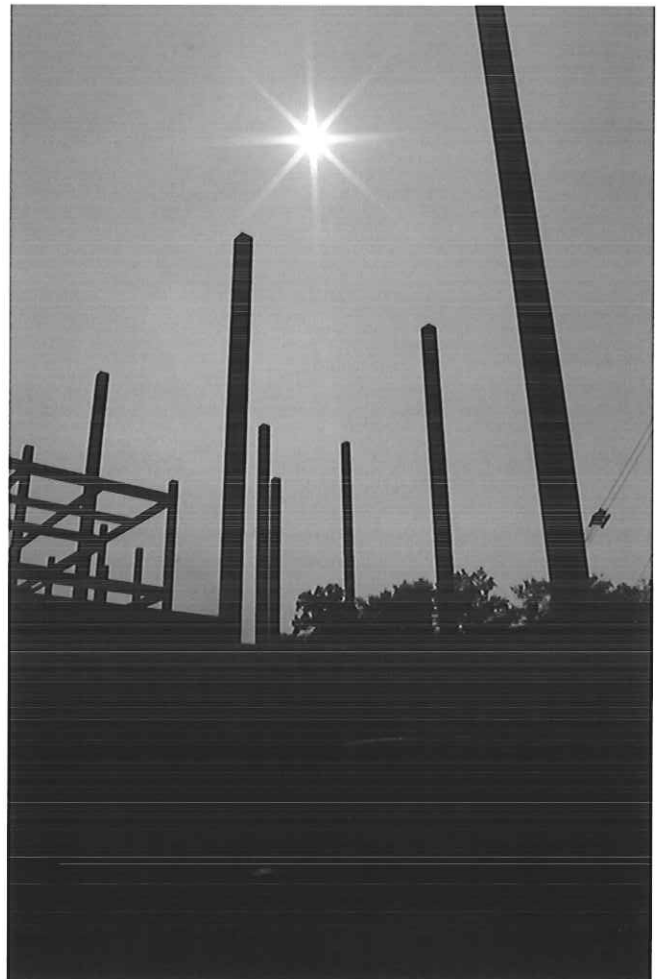
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1216 Seventh Avenue
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MIRC CONSTRUCTION SERVICES, LLC

Christopher Payne
P.O. Box 465
Scott Depot, WV 25560
304.757.0880
cpayne.mirc@hughes.net

RC GENERAL CONTRACTORS

Tom Reece
318 Lee St. W
Charleston, WV 25302
304.346.7307
TReece@rcgeneral.com



Dear Mark,

I am writing to recommend you and your company for the educational facility project that you indicated you would like to take on. Given the excellent job that you folks did with this facility, I can whole-heartedly recommend your firm to any company that looks to retain your services.

Having worked on a variety of professional and personal space renovations throughout my life, I can most assertively state that I have never worked with a group that was more attentive to our needs in designing this academic space. Your effort to understand how each room was to be utilized, and questions regarding the number of people who would be flowing through the room over time were quite refreshing! I particularly valued your attention to detail and attempt to design the space to function well, including maximizing storage for the program. Though we have no windows in the space, visitor continually note how open and airy the space looks—that of course is the result of an excellent eye for designing spaces that not only function well, but are comfortable to “live” in.

In addition, I particularly appreciated that you sought to inform me of any changes where required to be made due to unforeseen circumstances—and of course there are always a few. And, though I did not ask for many changes, your willingness to make those changes for us was also greatly appreciated.

So, again, I am most happy to recommend your firm to anyone. Please do not hesitate to give my contact information to anyone who would like to speak to me regarding the wonderful job you all did in designing this space.

Regards,

Penny

Penny G. Kroll, PT, PhD

Chair and Professor

School of Physical Therapy

Marshall University

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Email: kroll@marshall.edu



Mark Zachwieja

From: "Jones, Olen" <OJONES@osteo.wvsom.edu>
Sent: November 27, 2012 1:53:02 PM EST
To: zach@kandzarchitects.com
Subject: Letter of recommendation

Dear Mark,

As past president of the West Virginia School of Osteopathic Medicine, I can't say enough good things about the professional staff of Kreps and Zachwieja Architects, Inc.; both professionally and personally.

Our twenty plus year relationship with your architectural firm was vital in the successes we achieved in the growth of our campus and programs. With a humble start from a single building to a nationally recognized program with a campus of over thirteen buildings; the school benefitted greatly from the talents of Kreps and Zachwieja Architects, Inc. for master planning and architectural design. For every assignment we knew we could count on prompt, professional service; on time and within budget.

Therefore, it would be my pleasure to recommend your firm to anyone in need of design services.

Sincerely,

Olen E. Jones Jr., Ph.D

Past President WV School of Osteopathic Medicine (1987–2009)

OJONES@osteo.wvsom.edu





Facilities Planning and Management

November 27, 2012

To whom it may concern:

During my 20 years with Marshall University, I have had the experience of working with many design firms in the State of West Virginia and the surrounding areas. One of the premier design firms relative to quality of design, owner oriented, and exhibiting professionalism in their performance was Kreps and Zachwieja Architects.

In 2010 they completed design and construction administration for the Smith Hall window replacement including restroom renovations, replacement of plumbing stacks, etc. This project came in under budget and was completed in record time.

Based on this relationship and performance, it is without hesitation that I recommend the firm Kreps and Zachwieja for any future endeavors they may become involved with.

Sincerely,

Ronald J. May
Director
Facilities Planning and Management

RM/jh

WE ARE...**MARSHALL**™

One John Marshall Drive • Huntington, West Virginia 25755 • Tel 304/696-6415 • Fax 304/696-3297
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