

STATEMENT OF QUALIFICATIONS
PREPARED FOR
WILLIAM R. SHARPE JR. HOSPITAL
RFQ # WSH12067
OCTOBER 27 2011

RECEIVED

2011 OCT 27 PM 1:22

WV PURCHASING
DIVISION





300 CAPITOL STREET, SUITE 1110, CHARLESTON, WV 25301

Phone 304 346-5361

Fax 304 346-5365

October 25, 2011

Ms. Roberta Wagner
Purchasing Division
PO Box 50130
Charleston, WV 25305-0130

RE: WSH 12067

Dear Ms. Wagner,

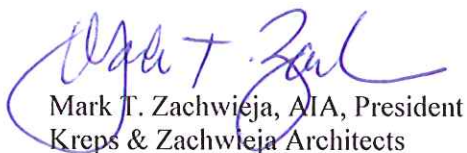
We are pleased to present our expression of interest to provide Architectural / Engineering services for a new 50 bed care unit at William R. Sharpe, Jr. Hospital.

Kreps and Zachwieja Architects has been providing outstanding architectural and engineering services to our clients throughout the region for nearly 70 years. We are a healthcare focused firm located in Charleston, WV with more than 3,000 healthcare projects provided to only a handful of clients. Our clients include St. Mary's Medical Center in Huntington, Thomas Health Systems in South Charleston, Summersville Regional Medical Center and West Virginia School of Osteopathic Medicine in Lewisburg.

When you hire Kreps & Zachwieja Architects for your healthcare project you can be assured that we know healthcare and your project will be designed properly the first time. We have an outstanding reputation in the healthcare industry and invite you to speak with our references. We believe that our track record speaks for itself and you can expect the same great service that our clients have grown accustomed to.

We look forward to the opportunity to present our qualifications in person in an interview.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark T. Zachwieja".

Mark T. Zachwieja, AIA, President
Kreps & Zachwieja Architects



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

Request for Quotation

RFQ NUMBER

WSH12067

PAGE

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ADDRESS CORRESPONDENCE TO ATTENTION OF:

ROBERTA WAGNER
304-558-0067

V
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Kreps & Zachwieja Architects
300 Capitol Street
Suite 1100
Charleston, WV 25301

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HEALTH AND HUMAN RESOURCES
OFFICE OF PROPERTY MANAGEMENT
VARIOUS LOCALES AS INDICATED

SEP 27 2011

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B. ZDS Design Consulting Services	FREIGHT TERMS
09/23/2011				

BID OPENING DATE:

10/27/2011

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		EOI		
A&E SERVICES FOR 50 BED EXPANSION AT SHARPE HOSPITAL						
EXPRESSION OF INTEREST (EOI)						
PROFESSIONAL ARCHITECTURAL/ENGINEERING SERVICES						
THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF HEALTH AND HUMAN RESOURCES, IS SOLICITING EXPRESSIONS OF INTEREST TO PROVIDE ARCHITECTURAL CONSULTING AND ARCHITECTURAL & ENGINEERING SERVICES FOR THE DESIGN OF A NEW 27,000 +/- SQUARE-FOOT 50 BED PATIENT CARE UNIT AT THE WILLIAM R. SHAPRE, JR. HOSPITAL IN WESTON, WV. PER THE ATTACHED SPECIFICATIONS.						
TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO ROBERTA WAGNER VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115, OR VIA EMAIL AT ROBERTA.A.WAGNER@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 10/11/2011 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.						
CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE

TELEPHONE

DATE

TITLE

FEIN

ADDRESS CHANGES TO BE NOTED ABOVE

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



State of West Virginia
Department of Administration
Purchasing Division
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09/23/2011				

BID OPENING DATE:

10/27/2011

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.						
NOTICE						
A SIGNED EOI MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
PLEASE NOTE 3 (THREE) CONVENIENCE COPIES WILL BE APPRECIATED.						
THE EOI SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE EOI MAY NOT BE CONSIDERED:						
SEALED PROPOSAL						
BUYER: ROBERTA WAGNER-FILE 22						
EOI. NO.: WSH12067						
EOI OPENING DATE: 10/27/2011						
EOI OPENING TIME: 1:30 PM						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE

TELEPHONE

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HEALTH AND HUMAN RESOURCES
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09/23/2011						
BID OPENING DATE: 10/27/2011		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR EOI: ----- 304 346-5365 ----- CONTACT PERSON (PLEASE PRINT CLEARLY): ----- MARK T ZACHWIEJA ----- ***** THIS IS THE END OF RFQ WSH12067 ***** TOTAL: _____						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>Mark T. Zachwieja</i>			TELEPHONE 304 346-5361		DATE 10/25/2011	
TITLE PRESIDENT		FEIN 31-1126048		ADDRESS CHANGES TO BE NOTED ABOVE		

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

RFQ No. WSH12067STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

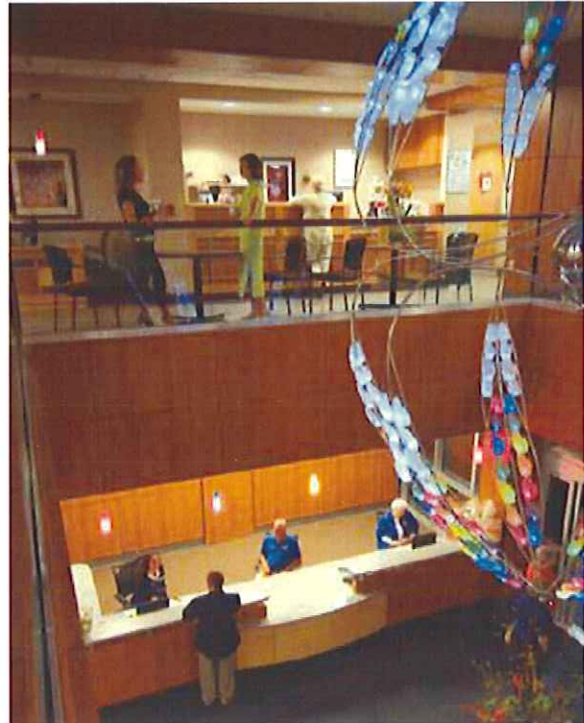
WITNESS THE FOLLOWING SIGNATUREVendor's Name: KREPS & ZACHWIEJA ARCHITECTSAuthorized Signature: *[Signature]* Date: 10/25/2011State of West VirginiaCounty of Kanawha, to-wit:Taken, subscribed, and sworn to before me this 25 day of October, 2011My Commission expires OCTOBER 13, 2020

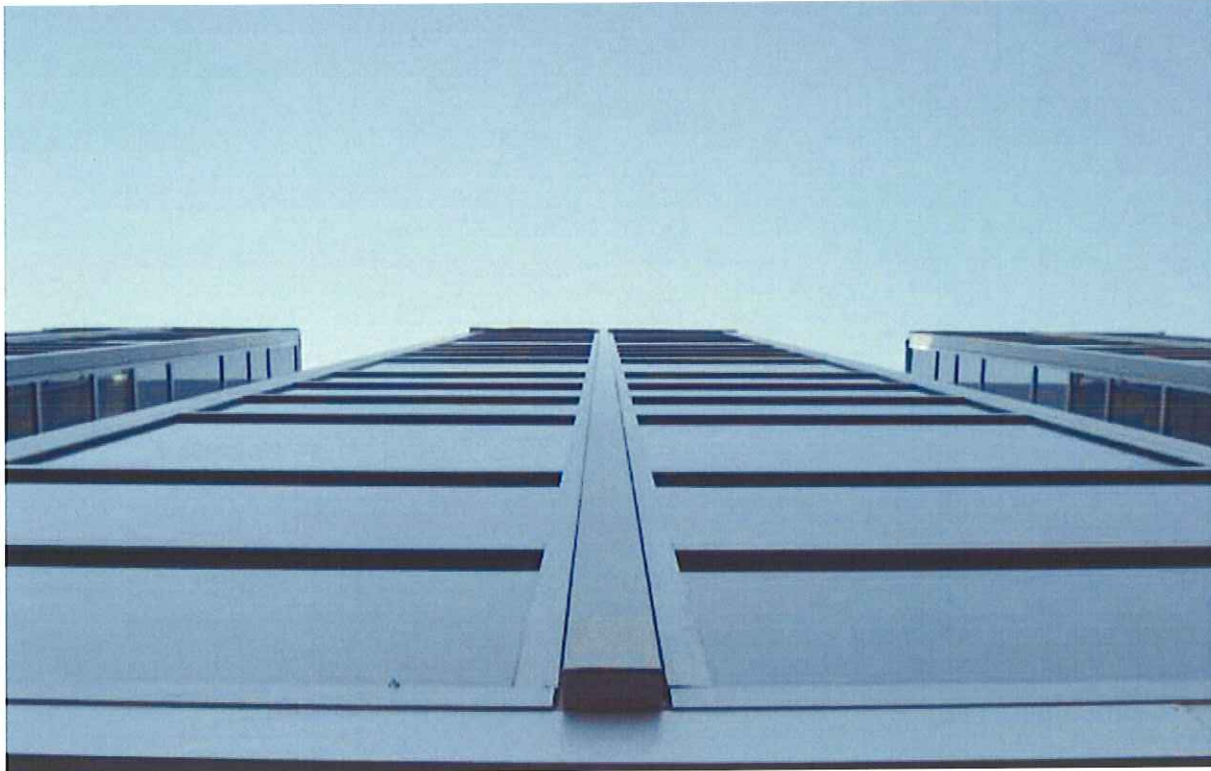
AFFIX SEAL HERE

NOTARY PUBLIC *Mary M Cochran*

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1. TEAM INTRODUCTION/PROCESS/SCHEDULE
2. TEAM'S EXPERIENCE
3. YOUR PROJECT TEAM
4. REFERENCES





About the Team

THIS PROJECT FOR THE WILLIAM R. SHARPE, JR, HOSPITAL IS UNIQUELY POSITIONED TO TAKE ADVANTAGE OF OUR TEAM'S ESTABLISHED HISTORY OF SUCCESSFUL PROJECT DELIVERY RIGHT HERE IN WEST VIRGINIA.

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 of your Mental Health Facility. Our focus in healthcare includes several major buildings involving special uses and other complexities similar to those that you will face on this project. The facilities designed by our team use evidence based design principles that confirm our design strategies and methods. 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 by designing a unique environment for you.

We have assembled a highly qualified team that is ready to work for you to meet your design schedule and can begin immediately. Our team prides itself on our ability to quickly produce knowledgeable design solutions that can go to bid and make your deadlines.

We asked ZDS Design/Consulting Services to team with us because of their vast experience in Healthcare Facilities. ZDS has enjoyed relationships of quality service with numerous healthcare organizations 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.

Steven Schaefer Associates of Cincinnati, Ohio, our structural engineer has worked with Kreps and Zachwieja for more than 10 years. Their vast experience in Healthcare Facilities

gives them the flexibility to quickly respond to design concepts for your project.

Triad Engineering, another local firm, has teamed with us for more than 25 years for civil/site engineering as well as unsurpassed landscape design for a wide range of clients including Federal, State and Local Governments. Each office contains the equipment for hydrological evaluations, risk assessments, stability analysis, survey data reduction, mapping and site design.

Bringing a fresh, clean and attractive look to our facilities is Innerspace Interiors of Columbus Ohio. Their expertise has helped us transform our work from good projects to great projects employing visually attractive Interior Design concepts and finishes. Innerspace Interiors has personally touched the lives of each individual that enters our buildings.

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 you.

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.

Comprehensive Planning Recommendations

We believe 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 the design concept.

INTRODUCTION/PROCESS



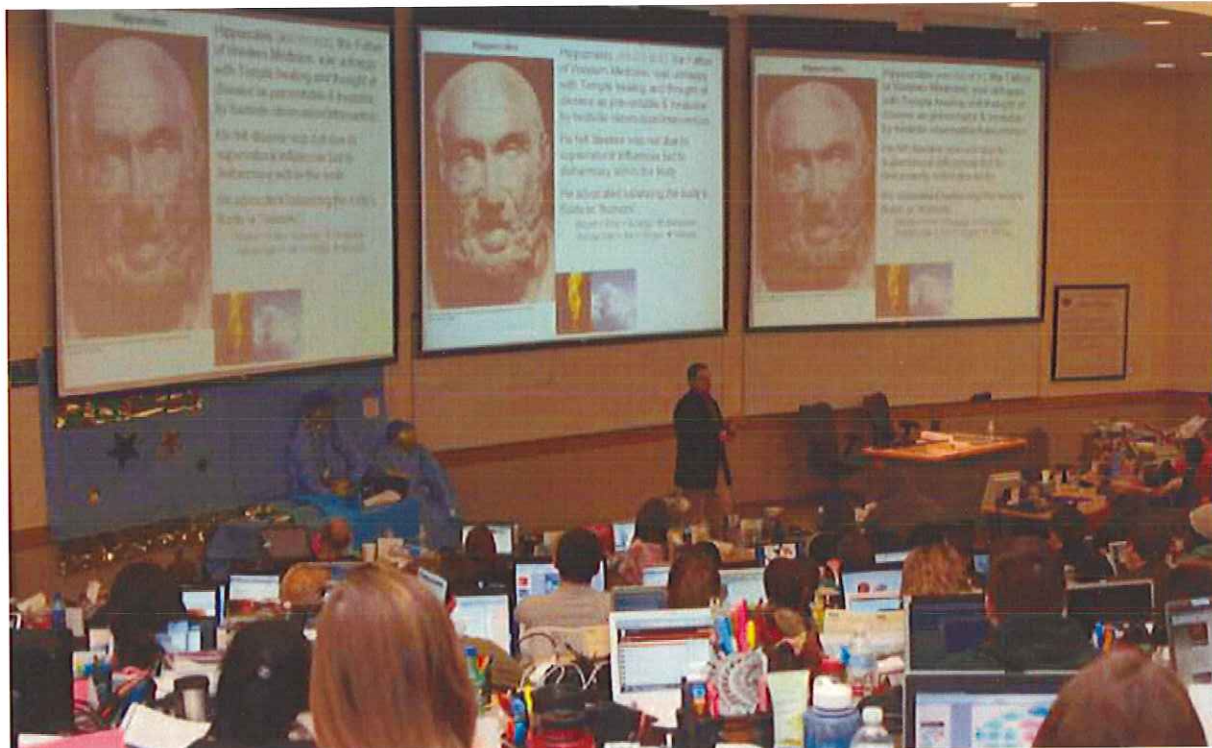
CONCEPT

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.

At each stage of the project we will:

- Involve all stakeholders and build consensus towards practical design solutions.
- Quickly highlight areas where goals align and potential areas which may require resolution.
- Lead a conversation where the team's various experiences and expertise can inform the design process.
- Explore creative design solutions that will consider **all** the alternates.
- Have no cookie-cutter solutions.
- Create Sensory-Rich environments that consider emerging technologies that will impact our planning.
- Think outside the box.
- Innovate.
- Implement results of exploration into practical designs.
- Understand the program, cost and schedule implications of new solutions.
- Think through the detail, coordination, and expansion implications.
- Keep the process moving forward to complete the project on schedule .
- Develop realistic budgets that optimize every opportunity to save the Department of Health and Human Resources money.





PROCESS: A PLANNED APPROACH

CONSENSUS BUILDING

Consensus Building is key to any successful complex project involving multiple groups. All parties need to feel that their interests have been addressed and, if pertinent, incorporated into the design. Colleges and Universities form the cornerstone of any community.

ABILITY TO PROVIDE SERVICES

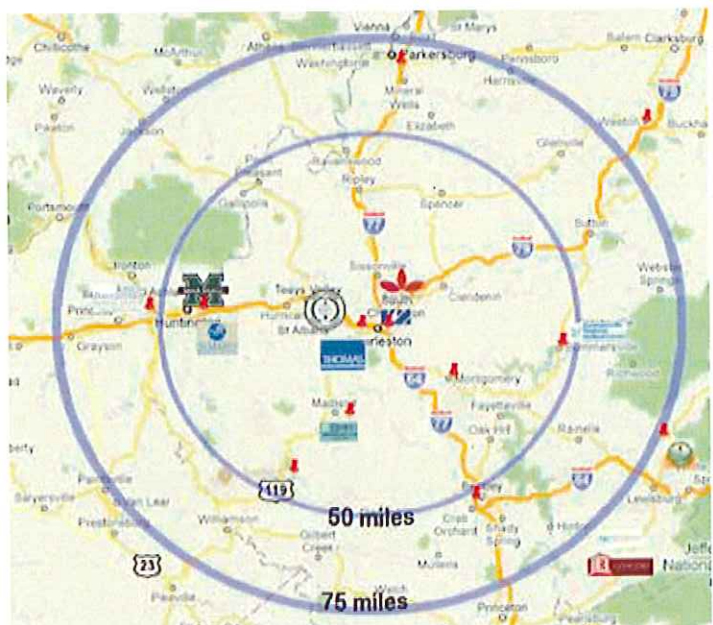
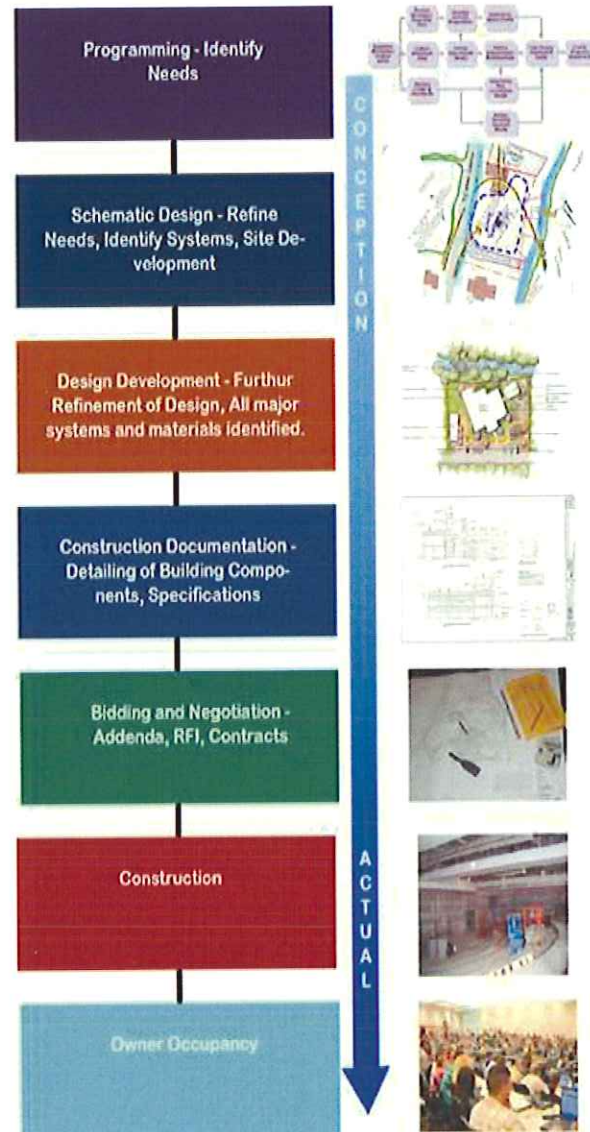
While our office is conveniently located in Charleston, West Virginia, we routinely travel to numerous clients in the tri-state area and within our region. We focus on providing quality service to Our Region, with the vast majority of our clients are within a two hour drive from Charleston. Our Team 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





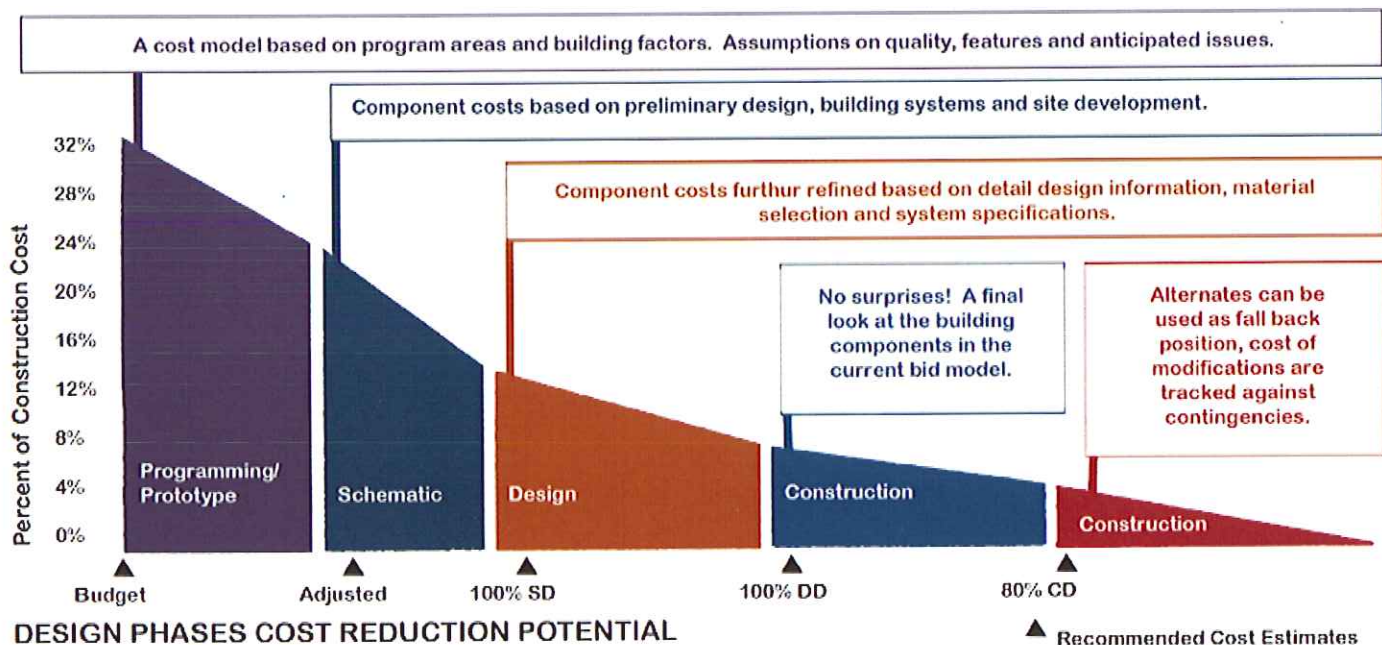
using Order of Magnitude pricing from our vast in-house database of recent local construction costs for buildings of similar types and size. At this time the team will engage in a series of "workshop" style design meetings with all the key stakeholders. The end result will be a schematic plan and conceptual 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 and architect. This dialogue will benefit you, the owner, by saving valuable time and money in the process. As you can see on the graph below, this is the time when changes can have the greatest impact on budget and schedule.

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.

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





PERMITTING/REGULATORY APPROVALS

FEDERAL AND STATE DEPARTMENTS

There are few industries more complex than 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. We strive to establish a good relationship at the earliest phases of a project. Kreps and Zachwieja considers federal, state and local agencies as 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 office 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 the DHHR, 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; especially in preventing any last minute costly changes or time delays to the owner.

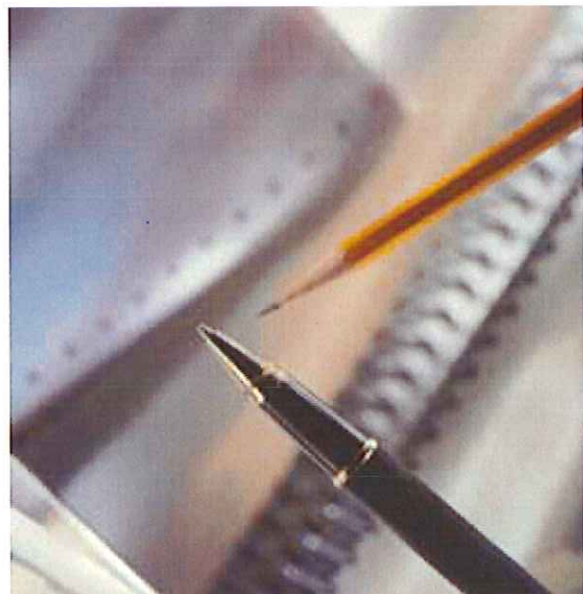
WORK WITH HUD AND USDA

Our Team has worked successfully with various funding agencies to produce award winning projects for numerous facilities. Most recently, we completed a \$6.3 million expansion for Summersville Regional Medical Center that was partially financed and funded thru the USDA - RD and an award-winning \$1.7 million expansion with Wetzel County Hospital that also received funding from

the USDA. We understand the specific requirements from these agencies and can successfully combine them into our documents. Previous work with HUD resulted in an AIA award-winning design for the Robert C. Byrd Rural Health Clinic on the West Virginia School of Osteopathic Medicine Campus in Lewisburg, WV.

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 Kreps 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.



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.



c. 1960



ST. MARY'S MEDICAL CENTER

Huntington, West Virginia

c. 1996



BOONE MEMORIAL HOSPITAL Madison, WV

Kreps and Zachwieja have been selected to be the Architect of Record for the replacement hospital that is to be constructed adjacent to the existing hospital site. Currently the programmed area for the new facility stands at 70,000 gsf with an estimated cost of \$20 Million. Kreps and Zachwieja is teaming with Yanik Companies to provide a turn-key Design-Build project delivery.





TEAM'S EXPERIENCE



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. Currently additional floors are under construction with the remaining 3 (for a total of 10) scheduled to be built in the next 5 years. During construction, all existing areas of the building remain in operation along with adjacent facilities.

KING'S DAUGHTERS MEDICAL CENTER Ashland, Kentucky



Construction Cost: \$62,000,000

Completion Date: 2006, 2010

Size: 200,000SF



Construction Cost: \$7,000,000

Completion Date: 2006

Size: 20,000SF



KING'S DAUGHTERS MEDICAL CENTER Ashland, Kentucky

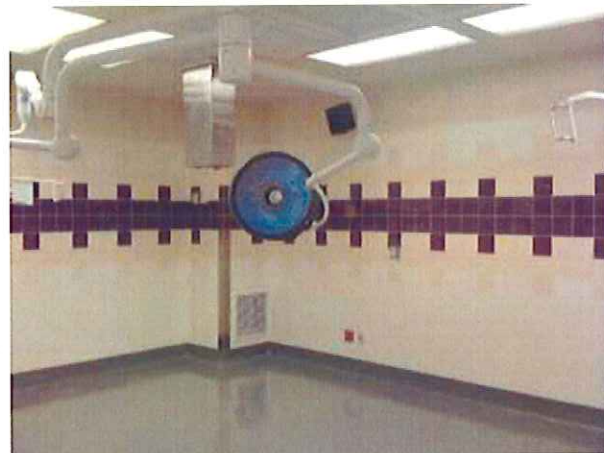


I want this building to look "High-Tech" but feel "High-Touch." That was the challenge behind the design of the new Center for Advanced Imaging. To achieve this unique design, the team looked at what processes were occurring inside the facility and how these could help shape the design. Transparency, slicing and peering are all functions of the modalities housed inside. Exposed structural and mechanical systems are visible as a way of peering inside the skin. Currently built to 2 stories, the images below show the future 5 story building, complete with the "pulled open" offices cantilevered on the front.





Quite frequently, Design Teams want to only design the exciting and glamorous new buildings and neglect the Owner's need to re-use and rehabilitate their existing facilities. We believe that expansion occurs both internally and externally. Developing service lines and rehabilitating facilities to that purpose comprises the largest part of our workload.



KING'S DAUGHTERS MEDICAL CENTER
Ashland, Kentucky



Before



After



TEAM'S EXPERIENCE



ST. MARY'S MEDICAL CENTER Huntington, West Virginia

In 1960 a project that could be classified as our first major addition to the hospital was completed. The 6-story East Building project began a relationship that has lasted for over 50 years and has lead to other work within the Pallotine Mission Healthcare Organization. The hospital once again underwent major construction in the 1970's thru 1990's with a replacement hospital and a new patient bed tower. This changed the face of the hospital and provided them with a new facility to match their state-of-the-art care, which continues to this day. The tower, with all private patient rooms, overlooks the river and integrates the healing environment with that of nature. These building still serves their needs of the hospital today. The New Outpatient Surgery Center increased cardiovascular services for outpatient and provided the hospital with much needed medical office space. Work continues to expand the facility's service lines with current renovations and new construction.

CONSTRUCTION COST:
\$100,000,000+ (combined)

PROJECTS:
Outpatient Surgery Center
New Convent
New Education Center

COMPLETION DATE:
On-going since 1956

FEATURES:
New 36 bed I.C.U.
New Entrance Lobby & Gift Shop

SERVICES PROVIDED:
Facility Masterplanning
Architectural & Interior Design
Construction Administration

CONTACT:
Mr. Timothy M. Parnell
VP of Facilities and Support Services
St Mary's Medical Center
2900 First Avenue
Huntington, WV 25702
304.526.1691

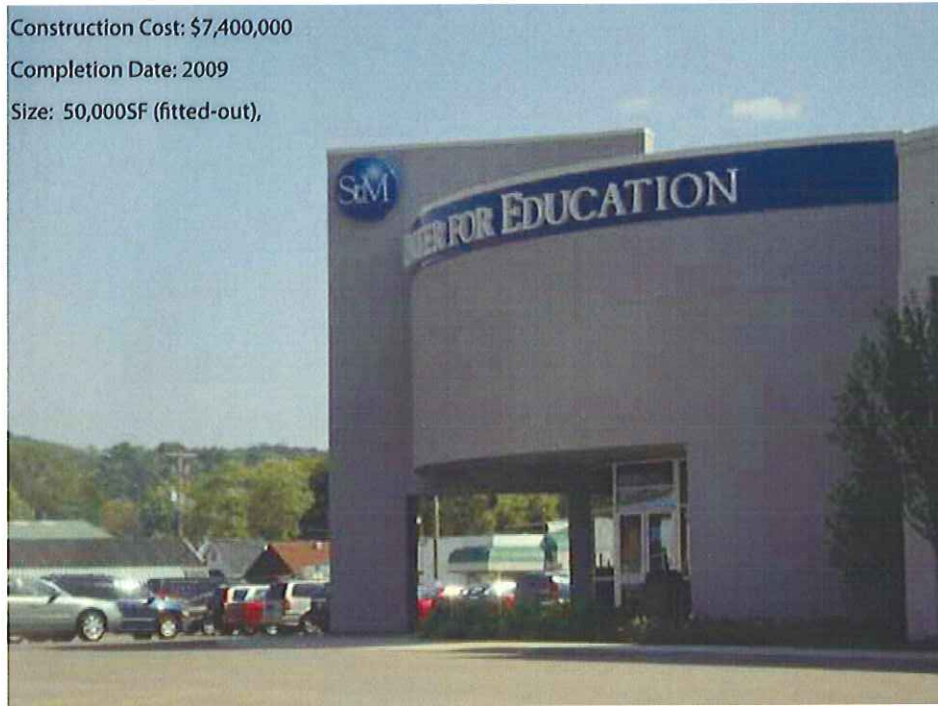


TEAM'S EXPERIENCE

Construction Cost: \$7,400,000

Completion Date: 2009

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



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.

ST. MARY'S MEDICAL CENTER Huntington, West Virginia



When St. Mary's School of Nursing discontinued their student residence program, St. Mary's Medical Center turned to Kreps and Zachwieja to find a new and appropriate use for this structure. Through facility assessment and masterplanning efforts by Kreps and Zachwieja, the owner developed a low-cost medical office program for this building. This program created 70,000 sf of office space quickly because the project scope was limited to interior renovations of the residence floors into medical office suites. Complete HVAC and electrical system upgrades have added years of life to this structure and gave the medical center much needed office space. Careful phasing of the program allowed for minimal disruption of the tenants already occupying the building in earlier phases.

Construction Cost: \$4,500,000 (combined)

Completion Date: 1998-2002 (all phases)

Size: 70,000SF

Construction Cost: \$6,300,000

Completion Date: 2009-2010

Size: new - 14,553 SF

reno - 9,500 SF



SUMMERSVILLE REGIONAL MEDICAL CENTER Summersville, West Virginia



Kreps and Zachwieja performed a master planning services to include both the expansion and renovation of existing hospital facilities in 2006. This Masterplan identified the first project to be a multi-phased construction of a new I.C.U. (completed April 2009), a new 18 bed Emergency Department, a new Hospital Lab, Outpatient Services, new Lobby and Main Entrance and expansion of the Obstetrics Unit. Recently completed is a new 5 private bed addition to the Medical/Surgical Nursing Unit. Currently slated for construction is the renovation of the existing PACU, radiology and obstetrics departments. Future phases planned propose a new 60 bed Replacement Nursing Home and campus improvement plans to include nature trails developed around storm water management ponds.

Summersville Regional Medical Center



KREPS
ZACHWILA

Concept Master Plan

SUMMERSVILLE REGIONAL MEDICAL CENTER

Summersville, West Virginia

Summersville Regional Medical Center Concept Master Plan



Phase 1

Legend

- 1 Main Entrance Area
- 2 Main Entrance and Parking
- 3 Parking
- 4 Ambulance Entrance
- 5 Emergency Entrance
- 6 Main Entrance
- 7 Parking
- 8 Proposed Medical Office Building
- 9 I.C.U.
- 10 Medical / Surgical Nursing Unit Expansion
- 11 O.B. Unit Expansion

KREPS
ZACHWILA

February 2009

TRIAD

Summersville Regional Medical Center Concept Master Plan



Phase 2

Legend

- 1 Main Entrance Area
- 2 Main Entrance and Parking
- 3 Parking
- 4 Ambulance Entrance
- 5 Emergency Entrance
- 6 Main Entrance
- 7 Parking
- 8 Proposed Medical Office Building
- 9 I.C.U.
- 10 Medical / Surgical Nursing Unit Expansion
- 11 O.B. Unit Expansion
- 12 Proposed Water Management Ponds
- 13 Proposed Extended Care Facility
- 14 Proposed Medical Office Building
- 15 Proposed Ambulance Entrance
- 16 Proposed Emergency Entrance

KREPS
ZACHWILA

February 2009

TRIAD



TEAM'S EXPERIENCE

Construction Cost: \$2,400,000

Completion Date: 2010

Size: new - 2,680 SF

reno - 93,620 SF



WETZEL COUNTY HOSPITAL
New Martinsville, West Virginia



Construction began in Spring 2009 for the expansion and renovation of the Emergency Department. The existing department was a 4-room unit housed in 1,750 sf. The 2-phase expansion and renovation project increased the number of rooms to 9 private treatment rooms including trauma, cardiac, gynecology, orthopedic/suture, and isolation rooms along with 3 dedicated triage rooms in 6,300 sf of space. Other upgrades include a new walk-up entrance, a separate ambulance dock, new nurse station and ancillary support spaces, dedicated waiting room and a family room. The project also involved a new heliport and helicopter support building plus other miscellaneous hospital improvements. In late September 2010 WCH was recognized by Amerinet as one of the three national winners of the "Community Impact and Innovation Award" given annually.



TEAM'S EXPERIENCE



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 Kreps and Kreps and Zachwieja Architects. More recent projects of note include the Medical Pavilion and Clinical Pavilion. These projects are the culmination of several years of planning. Their combined cost of over \$65 million represents the largest investment at their South Charleston Campus in hospital history.



CONSTRUCTION COST:

\$90,000,000+ (combined)

PROJECTS:

Thomas Medical Office Pavilion

Thomas Clinical Pavilion *

Thomas Oncology Center

COMPLETION DATE:

On-going since 1949

FEATURES:

6-Story Medical Office Pavilion

New Surgery

New Lab

Outpatient Services Relocation

Obstetrics Unit Relocation

SERVICES PROVIDED:

Facility Masterplanning

Architectural & Interior Design

Construction Administration

CONTACT:

Cynthia Wegley Barnette

Vice President & General

Counsel

Thomas Memorial Hospital

4605 MacCorckle, SW

South Charleston, WV 25309

304.766.3684



TEAM'S EXPERIENCE



ST. FRANCIS HOSPITAL Charleston, West Virginia

Recently completed is the 2-OR addition to the St. Francis One Day Surgery center. The project included the construction of two new Operating Rooms along with a renovated and expanded PACU and Stage II recovery nurse station. The addition increased the capacity of the surgery center to 6 rooms and the new addition is constructed to allow vertical expansion of the facility.





TEAM'S EXPERIENCE



After

Construction Cost:

Budget \$4.2 M

Actual Bid \$2.6

Completion Date: Summer 2011

MARSHALL UNIVERSITY - SMITH HALL

Huntington, West Virginia

Recently completed is the complete window replacement and sanitary stack renovation for Smith Hall, Smith Music and Smith Communications. Replacement of the original windows with a 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 was completed in one phase. Adding to the difficulty in of this project was the requirement that the work be performed while classes were dismissed for the summer. 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.

Conservative energy savings estimates range from 10-14% cost savings in annual utility bills as a result of the improvement in the thermal envelope. Since the HVAC system was not upgraded at this time, operable windows were installed to maintain the integrity of the building.

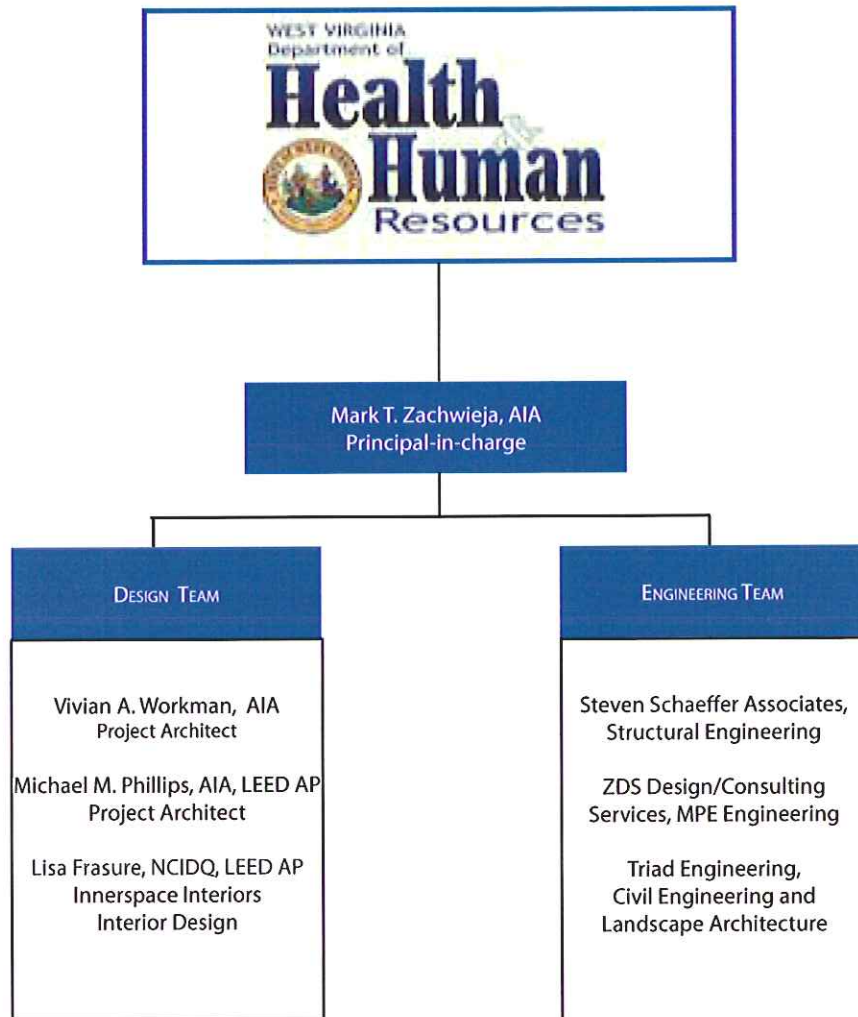
Before



YOUR TEAM



PROJECT TEAM STRUCTURE





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



ABOUT KREPS AND ZACHWIEJA

Kreps and Zachwieja has provided outstanding professional services to its clients since 1945, when Vecellio & Kreps was founded. 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 Healthcare Design, we bring a level of expertise and knowledge to our clients that help them enhance the way they do business. 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 and respond appropriately.

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:



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.

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 occupancy.

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.

Litigation

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

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
10 design professionals:

BREAKDOWN OF EMPLOYEES BY DISCIPLINE

Architects	3
CA and Administrative Staff	2
CAD Technicians.....	2
Planners/Designers.....	2
Specification Writers.....	1



YOUR PROJECT TEAM

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





YOUR PROJECT TEAM

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



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

Sub-Committee for the Architectural Registration Examination



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.
- PoplarvilleWWTP 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, VA, FL, TN, MS

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.



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.

ABOUT STEVEN SCHAEFER ASSOCIATES

Steven Schaefer Associates has 34 years of experience with medical facilities. Our 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.

We have LEED expertise and accredited engineers on staff. We provide design options to our clients that offer different levels of sustainability – looking at the percentage of recycled steel, concrete options, and other available sustainable materials to achieve the owner's goals.

Our firm has invested extensively in Revit® technology. We have a dedicated, trained team of engineers and modelers who are able to provide 3-D designs in Revit® and contribute to a building information modeling (BIM) project that includes all components and team members.

Founded in 1976, our firm is licensed in every state with thirty-two engineers and a drafting staff of ten. We have the ability to meet your deadlines and the flexibility to respond to change.

Steven Schaefer Associates... We design solutions.

HEALTHCARE EXPERIENCE

St. Elizabeth Medical Building Edgewood, KY

Steven Schaefer Associates provided framing options and the structural design for this 42,000 sq ft freestanding building built on the hospital's campus. The two-story building is an ambulatory surgery building. Walls are steel stud/brick with punched window openings, steel beams and frames with structural support at exterior walls.

King's Daughters Medical Center Outpatient Imaging Center

Ashland, KY

This \$7 million facility whose futuristic design illustrates the space-age technology available inside is a two-story, 20,000 sq ft building with a steel frame that is designed to accommodate an additional three floors. The curved accent wall is a steel tube frames infilled with cold-formed metal framing. Aluminum sun screens on the west-facing wall and lobby wall are attached to a continuous steel tube on the edge of the elevated slabs.

Thomas Memorial Hospital / Teays Valley Oncology Center South Charleston, WV

Free-standing 4,000 sq ft \$1 million oncology center includes a 2,700 sq ft steel framed office and a 1,300 sq ft reinforced concrete linear accelerator portion.

Oncology Hematology Care Addition Blue Ash, OH

These two single-story additions (seen in background) house two substantial pieces of equipment – a linear accelerator and a scanning machine (requiring a reinforced

concrete vault). The addition also provides appropriate office space for each treatment area.

University Pointe Linear Accelerator Addition Butler County, OH

This new single-story 7,000 sq ft building includes two reinforced concrete vaults for linear accelerators. The new building connects to the existing buildings with a connector corridor. The design allows for future adjacent expansions. In addition, it houses the oncologist office, physicist office, reception area, and a patient record area.

University Pointe / Ambulatory Surgery Butler County, OH

This single-story 25,800 sq ft ambulatory surgery building connects to existing buildings with one connector corridor. The facility includes four operating rooms, two cath labs, and inpatient rooms.

Butler County Surgery Center Hamilton, OH

This 16,000 sq ft single-story ambulatory surgery center includes four operating rooms, two endoscopy suites, pre- and post-operating areas, and reception. Three single-story additions totaling 16,000 sq ft were added to existing building in 2003. The southwest addition was designed to accommodate a future second floor.

Additional Related Projects:

Dr. Stubber's Medical Office Building
HealthSouth Rehabilitation Hospital / Addition
Mercy Mt. Airy Medical Office Building
Patient First Physicians Group, Pendleton

COMPANY LEGAL NAME

Steven Schaefer Associates, Inc

LOCATION OF INCORPORATION

Ohio

PRINCIPAL OFFICERS

James R. Miller, President
Ed W. Schwieter, Vice President
J. Greg Sliger, Principal

BOARD OF DIRECTORS

Steven E. Schaefer, Chairman
Ed W. Schwieter, Board Member
Shawn Daley, Board Member
James B. Graham, Board Member
Greg J. Riley, Board Member

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

County, Kentucky

Skin Cancer Center / Office Addition

Taylor Road Medical Office Building

Thomas Memorial Hospital / Medical Office / Imaging Center

West Virginia School of Osteopathic Medicine / Clinic East Addition

HOSPITAL EXPERIENCE

King's Daughters Medical Center

Ashland, KY

Heart And Vascular Center

This \$43.5 million 35,600 sq ft facility is the third phase of a major expansion for KDMC. Initial construction includes five floors but the steel frame is designed to be expanded to ten (the construction of two additional floors is currently underway). The first floor includes a reception area, admitting and pre-admission testing. Features include a 20-bed Chest Pain Unit, outpatient diagnostic testing and a procedure room. The third floor features cardiac catheterization labs and vascular surgery suites, as well as a 36-bed pre- and post-procedure unit. A four-story skywalk connects the H&V Center to a dedicated elevator that provides direct access to the medical center.

Imaging Center

This \$7 million facility whose futuristic design illustrates the space-age technology available inside is a two-story, 20,000 sq ft building with a steel frame that is designed to accommodate an additional three floors. The curved accent wall is a steel tube frames infilled with cold-formed metal framing. Aluminum sun screens on the west-facing wall and lobby wall are attached to a continuous steel tube on the edge of the elevated slabs.

Medical Plaza Bldg B

This medical office building has a footprint of 19,000 sq ft. Four floors were constructed initially (77,000 sq ft) but the building frame is designed for the potential addition of six floors (two of which were recently completed). A steel-framed, glass enclosed pedestrian bridge connects this building to the adjacent parking structure.

Thomas Memorial Hospital South Charleston, West Virginia

Medical Office Pavilion

The \$17 million medical office pavilion is a five-story 85,800 sq ft building adjacent to the existing hospital. The project includes a two-story 17,000 sq ft wing connecting the new facility to the main hospital.

Underpinning was required for portions of the existing building foundation in order to provide a new ground floor elevation that is 14 ft below the ground floor of an adjacent building. The foundation system was designed to accommodate a future six-story clinical wing adjacent to the medical office pavilion.

Clinical Pavilion Addition & Renovation

The six-story, \$70 million steel framed, 154,000 sq ft Thomas Memorial Hospital Clinical Pavilion was built adjacent to several existing buildings including a loading dock area which the owner required remain operational during construction. Features include a snow bay to eliminate drifted snow loads on the adjacent two-story buildings, a new elevator lobby built on top of the adjacent

five-story Medical Office

Pavilion, and a new egress corridor built on the roof of another adjacent building. Due to tight floor-to-floor heights to match the existing building and high ceilings required in the operating rooms, a 10,000 sq ft area of the new building was designed with cast-in-place concrete construction to minimize the structure depth. The project also included the renovation and seismic retrofit of the hospital's boiler room.

Additional Hospital Clients:

Cabell Huntington Hospital –
Huntington, WV

Carle Hospital – Urbana, IL

Good Samaritan Hospital –
Cincinnati, OH

St Francis Hospital –
Charleston, WV

St Mary's Hospital –
Huntington, WV

Summersville Memorial Hospital
– Summersville, WV

University Hospital –
Cincinnati, OH





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

Additional experience:

Marshall University Child Care Center – Huntington, WV

Overbrook Elementary Addition – Charleston, WV

Highland Local School District Elementary School Addition – Sparta, OH

St. Joseph Elementary Addition – Huntington, WV

Blue Ash Recreation Center – Cincinnati, OH

Marshall University Campus Recreation Center – Huntington, WV

Marshall University Softball Complex – Huntington, 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



YOUR PROJECT TEAM

RYAN M. KONST, P.E.
Project Manager

Mr. Konst specializes in design and construction utilizing reinforced concrete, post-tensioned concrete and structural steel. He has extensive experience in the structural design of facilities for the medical, higher education, commercial, and retail/banking industries. As project manager he is responsible for structural design and allotting the necessary resources to meet project deadlines.



Experience:

King's Daughters Medical Center – Ashland, KY

- Outpatient Imaging Center
- Heart & Vascular Center
- HVC 4th and 5th Floor Additions
- Medical Plaza B

St Mary's Intensive Care Unit Addition – Huntington, WV

Thomas Memorial Hospital – South Charleston WV

- Imaging Center
- Medical Office Pavilion

UC Physician's Campus North Medical Office Building – Cincinnati, OH

UC Medical Office Building / Linear Accelerator Addition – Cincinnati, OH

University Pointe / Ambulatory Surgery Hospital – Cincinnati, OH

Summersville Memorial Hospital Addition – Summersville, WV

Ohio Health Westerville Medical Office Building & Emergency Department – Columbus, OH

EDUCATION:

BS Civil Engineering,
University of Cincinnati, 2001

REGISTRATIONS:

Ohio 71265

West Virginia 17182

Kentucky 25085

PROFESSIONAL AFFILIATION:

American Society of Civil
Engineers

American Institute of Steel
Construction

American Institute of
Architects

American Concrete Institute

Structural Engineers
Association of Ohio (President-
elect)

Society of Marketing
Professional Services
Columbus (Treasurer)



About ZDS Design/Consulting Service

ORGANIZATION

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

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

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

Todd A. Zachwieja, PE, C.E.M., LEED AP, Chief Executive Officer, offers over 28 years in the design and consulting business.

Ted T. Zachwieja, Principal over Construction Administration services with over 45 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 over 22 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 and cofounder of ZECO Consultants.

SERVICES

MECHANICAL

ELECTRICAL

INDOOR AIR QUALITY

COMMISSIONING

ENERGY

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

We assign 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.

We work 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 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.

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."

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 ENVIRONMENT™ 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 ENVIRONMENT™ 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 ENVIRONMENT™ Professional

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

NUMBER OF EMPLOYEES PER OFFICE

ZDS currently employs 11 design professionals.



•Editorial Advisory Board member of POWER PRESCRIPTIONS™ Indoor Air Quality Publication by Electric Power Research Institute.

ZDS provides IAQ services for major corporations, government organization, 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
- Determine, quantify and assist in securing available Utility & 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 ones.
- Converting constant speed air handling equipment and pumping 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 saving 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 saving options and providing supporting financial information. We then help you to 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 constructions' deficiencies that were not discovered until the contractors traditional one-year warranty period expires. 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 consists 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 Owners operational needs.

NATIONAL RECOGNITION

The National Conference on Building Commissioning invited Todd Zachwieja, ZDS's 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 Design/Consulting Services 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, Virginia, North Carolina, Georgia, Kentucky, Ohio, Pennsylvania, Florida, Illinois, Connecticut, Texas, Michigan, New York, Wisconsin, Massachusetts, Indiana, Colorado, Tennessee, Maryland, Washington DC, California, Hawaii, and South Carolina

Our 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.

Our 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.

Our 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.

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 Client's needs, on time and within budget with outstanding quality.

We view 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



OVERVIEW OF TEAM

Engineering for Health Care Facilities

Our project experience includes engineering for three divisions of CAMC, the largest health care provider in West Virginia.



CAMC General Division



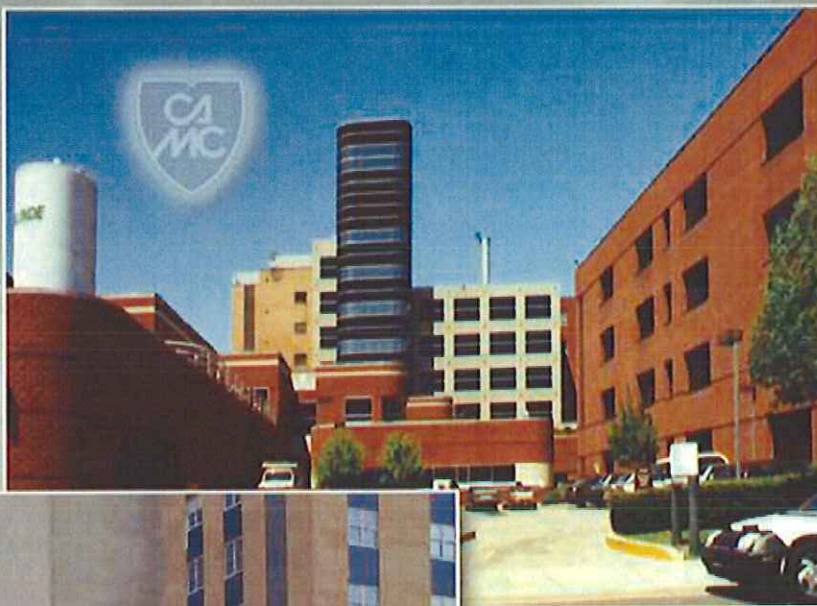
CAMC Memorial Division



CAMC Women and Children's Hospital

CAMC General Division

Energy program saved CAMC approximately \$800,000 annually—plus it paid for the improvements made to the mechanical, electrical and controls systems.

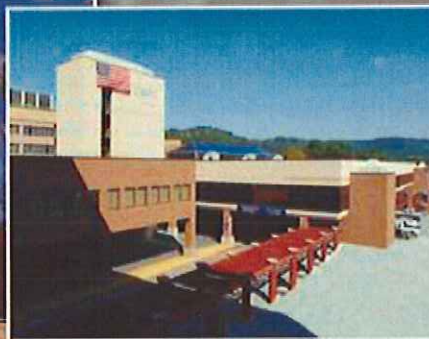
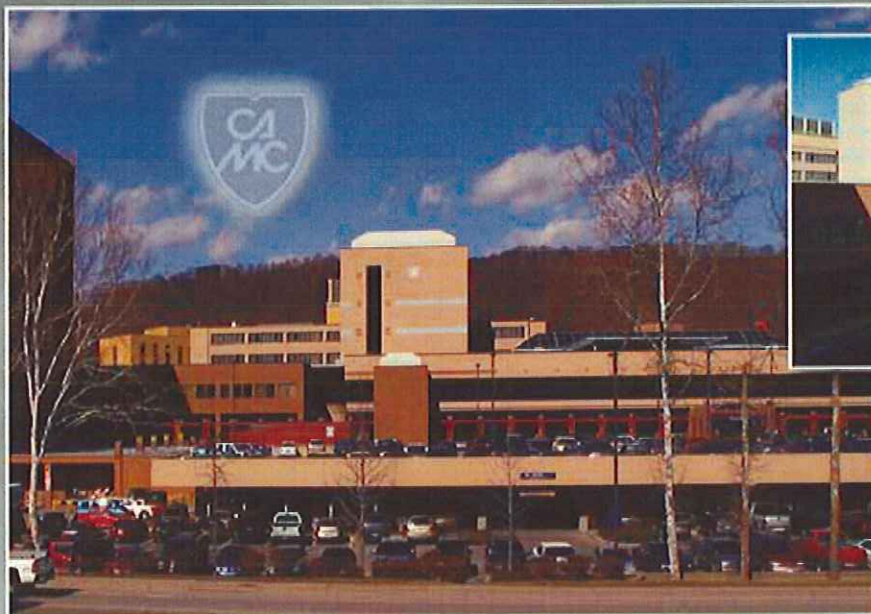


Design/Consulting Services



Engineering for Health Care Facilities

Our project experience includes engineering for three divisions of CAMC, the largest health care provider in West Virginia.



Hospital Renovations:

Special Care Facility, Physical Therapy, Emergency Room Retrofit, South Patient Retrofit, Medical Records and District Chiller Plant Replacement and Interconnect

Hospital Renovations:

LDRP Additions, NICU and PICU, Emergency Room, Patient Rooms, as well as the District Chiller Plant Replacement & Interconnect



Since 1982, ZDS principals have provided engineering services while meeting stringent health care requirements and safety of the patients for CAMC.



Design/Consulting Services



Summersville
Memorial
Hospital



Hopemont
State Hospital



Veterans Affairs
(VA)
Hospital
Administration



Design/Consulting Services



Engineering for Health Care Facilities

ZDS project experience includes over 100 million square feet of facility space.

United Hospital Center

HVAC/Electrical
renovations and
energy savings



Bluefield Regional Medical Center
HVAC Renovations



Thomas
Memorial
Hospital



Montgomery General
Hospital



Webster County Memorial
Hospital





YOUR PROJECT TEAM

TODD (TED) A. ZACHWIEJA, P.E. CEO, Principal-In-Charge

Todd has more than 28 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. He also developed computer programs for building energy analysis and monitoring and presented technical papers at regional and national conferences.

Some of his 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.

HEALTH CARE

- Bluefield Regional Medical Center



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

PROFESSIONAL AND COMMUNITY AFFILIATION:

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 6 years

Recognized by the International Who's Who of Professionals

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



TODD (TED) A. ZACHWIEJA, P.E. CEO, Principal-In-Charge (cont.)

- 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.

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 100's of school facilities.

PROFESSIONAL AND COMMUNITY AFFILIATION (CONT):

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 National System Commissioning Conference



YOUR PROJECT TEAM

TED T. ZACHWIEJA Principal-in-Charge, Construction Administration

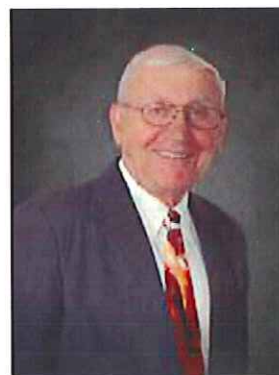
Ted has over 52 years of experience in mechanical and electrical systems design and construction administration. His specialties include the design and development of mechanical and electrical systems, master planning and budgeting for mechanical and electrical systems, and management of complex design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

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

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

Ted was selected as one of three engineers to train and teach a course designed by the Department of Energy and American Society of Heating, Refrigeration and Air Conditioning Engineers for emergency building temperature restrictions. Prior to forming ZDS, Ted was regional manager for a hospital design firm and responsible for designing, construction management and project management for over \$200 million in hospital and health care facilities. The facilities were located over the eastern United States.

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



EDUCATION:

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

PROFESSIONAL AND COMMUNITY AFFILIATION:

Construction Specifications
Institute (Charter Member)

American Society of
Mechanical Engineers

American Society of
Heating, Refrigeration & Air
Conditioning Engineers

WV Mountaineer Chapter
ASHRAE Past President and
Charter Member

Association of Energy
Engineers

Association of Hospital
Engineers

WV Society of Hospital
Engineers

Professional Affiliate Member
of AIA

WV Association of Physical
Plant Administrators

TED T. ZACHWIEJA

Principal-in-Charge, Construction Administration (Cont.)

Hospital, United Hospital Center, St. Mary's Hospital, Summersville Memorial Hospital, Thomas Memorial Hospital, Webster Memorial Hospital, Cabell Huntington Hospital, Welch Emergency Hospital Surgicare Center, VA Hospital - Clarksburg, VA Hospital - Huntington, Mercy Medical Center, and Webster Memorial Hospital.

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

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



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

HEALTH CARE

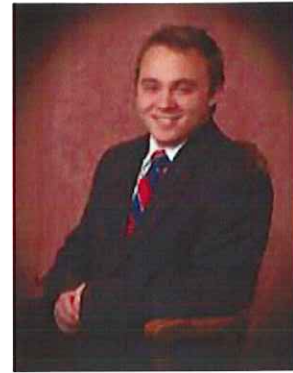
- West Virginia Department of Health and Human Resources Hospitals:
 - o Jackie Withrow Hospital, Beckley
 - o Hopemont State Hospital, Terra Alta
 - o John Manchin, Sr. Health Care Center, Fairmont
 - o Lakin State Hospital, West Columbia
 - o Mildred Mitchell-Bateman Hospital, Huntington
 - o Welch Community Hospital, Welch
 - o 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 AND
COMMUNITY AFFILIATION:**

American Society of
Heating, Refrigeration & Air
Conditioning Engineers

JAMES E. WATTERS

Project Manager, Production Manager

Jim has over 35 years experience in design and implementation of HVAC, plumbing and electrical systems including nine years in the construction industry. He has a comprehensive knowledge of construction documents, contracts, and development of cost estimates, budgets and schedules. Jim's strengths reside in his ability to manage projects and people in an organized and cost-effective manner. Jim has been involved with the design and production of mechanical and electrical drawings including HVAC, plumbing, fire protection, lighting, electrical power and specialized systems. He has worked with and managed engineers in projects for health care, educational and commercial buildings in the states of West Virginia, Ohio, Kentucky, Virginia, Georgia, New York, Arizona, Illinois and Massachusetts. He has extensive experience in energy savings' programs for HVAC, plumbing and electrical systems in hospitals, state and government office buildings, school systems, and manufacturing facilities, as well as managing performance contracts for the state of Georgia totaling \$10,000,000 in construction costs on various projects. Through the years, Jim has researched and implemented into practice International Building Codes, NFPA codes, National Electrical Codes, Life Safety Codes, IES standards, AIA Guidelines for Design and Construction, and the evolving ADA standards. Some of Jim's HVAC, plumbing, fire protection and electrical project experience includes the following:

GOVERNMENT AND COMMERCIAL

- Boyd County, Kentucky Judicial Center
- Fenway Park in Boston - Lightning protection and grounding study
- Kanawha County Commission Judicial Annex Renovations
- Tucker County Board Office Boiler Retrofit
- VA Hospital, Huntington
- West Virginia Department of Military Affairs and Public Safety Maintenance Facility in Eleanor
- West Virginia Department of Transportation Burnsville Rest Area and domestic water pumping station
- West Virginia Division of Culture and History Fire Alarm/Sprinkler upgrades

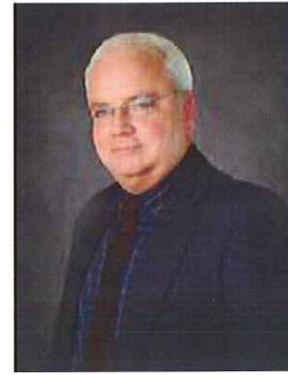
EDUCATIONAL

- Elkins Middle School HVAC and electrical renovations
- Marshall University Student Housing in Huntington
- New Iaeger/Panther Elementary School
- Paul Blazer High School in Ashland
- Pleasant Hill Elementary School

- renovations in Calhoun County
- Ritchie County Middle/High School

HEALTH CARE

- Charleston Area Medical Center Memorial Division in Charleston
- Charleston Area Medical Center General Division in Charleston
- Charleston Area Medical Center Women's and Children's Hospital in Charleston
- Kings Daughters Medical Center in Ashland
- St. Mary's Medical Center in Huntington
- West Virginia Department of Health and Human Resources:
 - o Jackie Withrow Hospital, Beckley
 - o Hopemont State Hospital, Terra Alta
 - o John Manchin, Sr. Health Care Center, Fairmont
 - o Lakin State Hospital, West Columbia
 - o Mildred Mitchell-Bateman Hospital, Huntington
 - o Welch Community Hospital, Welch



PROFESSIONAL AND COMMUNITY AFFILIATION:

- Member of the National Fire Protection Association (NFPA)
- Member of the Health Care Section of the NFPA
- Member of the Illuminating Engineering Society (IES)
- Past member of the Institute of Electrical Engineers (IEEE)
- Past member of the American Society of Plumbing Engineers (ASPE)



ABOUT TRIAD ENGINEERING

TRIAD HAS A WELL-TRAINED PROFESSIONAL STAFF READY TO HELP YOU MEET YOUR NEEDS AND REACH YOUR GOALS.

- CIVIL, GEOTECHNICAL AND MINING

ENGINEERS

- GEOLOGISTS, HYDROLOGISTS,

CHEMISTS AND BIOLOGISTS

- LANDSCAPE ARCHITECTS

- SURVEYORS

- CADD SPECIALISTS AND DRAFTSMEN

- CONSTRUCTION INSPECTORS AND

FIELD TECHNICIANS

- DRILLERS

MAIN OFFICES FOR YOUR PROJECT:

4980 TEAYS VALLEY ROAD

SCOTT DEPOT, WV 25560

(304) 755-0721

WWW.TRIADENG.COM

TRIAD ENGINEERING, INCORPORATED (TRIAD) is a regional consulting firm based in West Virginia that provides professional services in the areas of civil, environmental, mining, geotechnical and chemical engineering; site assessment; planning and landscape architecture; geology and hydrogeology; surveying and mapping; construction inspection; and related services. Our firm has provided services on thousands of projects of varying size and complexity since its founding in Morgantown, West Virginia in 1975.

Through our over 35 years of service in West Virginia and surrounding states, both the number and complexity of these projects have grown. Our clients include Federal and State governmental agencies, mining and industrial corporations, contractors, architects, engineers, attorneys, developers, and commercial organizations. Facilities and equipment available to support our staff have grown substantially during the past 35 plus years. Each of our offices contains computer facilities that are utilized for hydrogeologic evaluations, risk assessment, stability analyses, survey data reduction, mapping and site design. Our computer based drafting and reproduction facilities are used to develop detailed site plans, construction details, and other graphic documentation as required for our projects.

Triad Engineering, Inc. (TRIAD) is an employee-owned, full service

TRIAD currently includes a staff of approximately 250 personnel located in six offices. Our personnel include chemical, civil, environmental, geotechnical and mining engineers, as well as geologists and hydrogeologists, biologists, chemists, environmental scientists, planners,



landscape architects, natural resource specialists, regulatory compliance specialists, permitting engineers, risk assessors and health and safety specialists. Our technical support and administrative staff includes designers, draftsmen, surveyors, technicians, drillers, construction inspectors and clerical personnel. Most of our professional and technical staff have been with the company for many years. We pride ourselves on a very low turnover rate, which adds to continuity and enhances the level of productivity and experience afforded by TRIAD.

Professional staff assigned to your project will possess the necessary qualifications in their particular areas of expertise. TRIAD has assembled a team of individuals with broad experience to bring an unmatched knowledge and expertise to your project.

DESIGN SERVICES

• **ENGINEERING:** CIVIL DESIGN AND PLANNING; GEOTECHNICAL & FOUNDATIONS; MINING AND RELATED FACILITIES; STORMWATER MANAGEMENT

• **ENVIRONMENTAL:** PHASE I & PHASE II ENVIRONMENTAL SITE ASSESSMENTS; ASBESTOS, MOLD AND LEAD-BASED INSPECTIONS; WETLAND AND FOREST SERVICES, INCLUDING WETLANDS

• **DELINEATION;** REGULATORY COMPLIANCE ASSISTANCE; UST COMPLIANCE; PERMITTING; BROWNFIELD AND VOLUNTARY REMEDIATION ASSESSMENTS; WATER QUALITY SAMPLING & TESTING

• **DRILLING & SAMPLING:** ALL STAFF ARE FULLY TRAINED IN OSHA HAZWOPER PROCEDURES.

• **DIVERSE FLEET OF DRILLING RIGS AND SUPPORT EQUIPMENT;** IN-HOUSE ENGINEERING WORK AS WELL AS CONTRACTED SERVICES FOR GOVERNMENT AND PRIVATE INDUSTRY

• **CONSTRUCTION:** MONITORING; INSPECTION; QUALITY ASSURANCE AND QUALITY CONTROL; MATERIALS TESTING

• **LABORATORY TESTING:** SOIL; CONCRETE; ASPHALT; AGGREGATE

• **SURVEYING & MAPPING:** TOPOGRAPHIC & PLANIMETRIC; DESIGN SURVEYS; SETTLEMENT MONITORING; CONSTRUCTION

LAYOUT; SUBDIVISION PLATTING; ALTA / ACSM SURVEYS; PROPERTY

• SURVEYS

• **LANDSCAPE ARCHITECTURE:** MASTER PLANNING; LAND-USE STUDIES; PRESENTATION GRAPHICS; STREETSCAPE IMPROVEMENTS; SITE SELECTION, INVENTORY & ANALYSIS; DISTURBED LANDS RESTORATION; TRAIL STUDIES; PARKS AND RECREATION

CLIENTS

• LEATHERBARK CONDOS, SNOWSHOE, RESORT

• MOUNTAIN LODGE, SNOWSHOE RESORT

• ALLEGHENY SPRINGS, SNOWSHOE RESORT

• RIMFIRE LODGE, SNOWSHOE RESORT

• HIGHLAND HOUSE, SNOWSHOE RESORT

• SUMMIT LODGE, SNOWSHOE RESORT

• CAMP 4 CONDOS, SNOWSHOE RESORT

• SNOWSHOE DAM, SNOWSHOE RESORT

• SILVER CREEK DAM, SNOWSHOE RESORT

• BOONE COUNTY PARKS AND RECREATION

• SUE MORRIS SPORTS COMPLEX

• WELCH RIVERFRONT PARK

• TOURNAMENT PARK, RUDDLE, WV

• VOLUNTEER PARK, HUNTINGTON, WV

• WOLF POINT PARK, ASHLAND, KY

• TRI-STATE CASINOS, NITRO, WV

• COMFORT INN AND SUITES, NITRO, WV

• KINGS DAUGHTERS MEDICAL CENTER

• CABELL HUNTINGTON HOSPITAL

• THOMAS MEMORIAL HOSPITAL

• WEST VIRGINIA UNIVERSITY

COMPANY LEGAL NAME

Triad Engineering, Inc

LOCATION OF INCORPORATION

West Virginia, Virginia, Maryland, Pennsylvania

PRINCIPAL OFFICERS

Randy Moulton, President and CEO

Tina McPhail, CFO, John Kent, COO

John Meeks, Executive Vice President

BOARD OF DIRECTORS

Randy Moulton, CEO, Tina McPhail, CFO

John Meeks, COB, Bob Holstead, Parviz Jalali, John Kent, David Moore, Brad Reynolds, Roger Simar

LOCATION OF OFFICES

Morgantown, WV; Scott Depot, WV; Winchester, VA; Ashburn, VA; Hagerstown, MD; Greensburg, PA

NUMBER OF EMPLOYEES PER OFFICE

Morgantown, WV - 55; Scott Depot, WV - 62; Winchester, VA - 35; Ashburn, VA - 26; Hagerstown, MD - 43; Greensburg, PA - 4

BREAKDOWN OF EMPLOYEES BY DISCIPLINE

Admin. 15, Biologist 2, Cadd Operators 15, Chemical Eng. 1, Civil Eng. 18, Construction Insp. 60, Designers 16, Environmentalists 8, Estimators 3, Geologists 15, Hydrologists 2, Landscape Architects 2, Soils Eng. 25, Surveyors, 20, Other 23



JOSEPH YOUNG, ASLA Landscape Architect

Mr. Young currently serves as Landscape Architect for the St. Albans branch of TRIAD. In this capacity, Mr. Young brings nineteen years of experience on a diverse range of projects covering all aspects of landscape architectural design and planning in both the public and private sector. Mr. Young's experience includes but is not limited to park and streetscape design, resort and campus master planning, subdivision layout, landscape and hardscape design, grading and earthwork calculations, construction detailing, specifications, estimating, and project management. Mr. Young also performs Project Management on related projects, and has been involved in planning projects for national and international military bases, pocket parks, 5,000 acre reserves, large downtown streetscapes, subdivision layout and design, and campus master plans for many college and universities.

EDUCATION:

BSLA, Landscape Architecture
- West Virginia University, WV,
1989

PROFESSIONAL REGISTRATION:

West Virginia
Ohio

PROFESSIONAL AFFILIATION:

West Virginia Recreation and
Park Association (WVRPA)
American Society of
Landscape Architects (ASLA)

Washington Nile Local School District, West
Portsmouth, Ohio

Clay Local School District, Portsmouth Ohio

King's Daughters Medical Center Medical
Office Building Ashland, Kentucky
•3 Medical Office Buildings in Southern
Ohio and Eastern Kentucky
•Vision Master Plan, Ashland, KY

Bridge Road Master Plan, Charleston WV

Wolf Point Park, Ashland, KY

Volunteer Ballpark on Memorial Boulevard,
Huntington, WV

Powderidge Condominium Improvements,
Snowshoe, WV

Stonewall Jackson State Park, Roanoke, WV

The Forbes Center, Master Plan, Charleston,
WV

St. Albans Streetscape, St. Albans, WV

Washington Street Improvements,
Charleston, WV

Washington Street Streetscape Master Plan,
Charleston, WV

Ripley Streetscape Improvements, Ripley,
WV

Washington Street East Streetscape
Improvement Project, Charleston, WV

West Side Community Revitalization Plan,
Charleston, WV

White Sulphur Springs Streetscape
Improvement Project, White Sulphur
Springs, WV

Charleston Newspapers, Pedestrian Park,
Charleston, WV

Paul G. Duke Park, Troy, OH

The Miller Addition, Englewood, OH

Englewood Reserve Master Plan,
Englewood, OH

Camp Kern YMCA Master Plan, Dayton, OH

Chaminade- Julianne Catholic High School

Englewood Streetscape Development,
Englewood, OH

River Corridor Street Closure, Streetscape,
Dayton, OH

University Oxbow, Ohio University, Athens,
OH

Jefferson Community College, Master Plan,
Louisville, KY

Ohio University East Green, Landscape
Development Plan, Athens, OH

Emro Corporation Headquarters, Springfield,
OH

Residential Community, Master Plans,
Southwest Ohio



ABOUT INNERSPACE INTERIORS

DESIGN IS ABOUT GIVING A WELCOMING, COMFORTABLE, AND STYLISH APPEARANCE WHILE PLANNING FOR PROPER LIGHTING THAT MEETS CURRENT ENERGY CODES WHILE CREATING THE RIGHT MOOD TO GIVE GUESTS A RELAXING EXPERIENCE. PARTICULAR CARE IS PAID TO ACCESSORIZATION, MURALS, ART, WATER FEATURES, ETC.

Innerspace Interior Design was founded in July 2004 by Lisa Frasure. Lisa has 25 years of commercial Interior Design experience. Early experience was with a hotel and retirement housing developer in the late 80s, followed by international work in the food service industry with Wendy's and most recently with Karlsberger Companies, a prestigious healthcare design firm in Columbus Ohio. Lisa collaborates with other designers to create the strongest interior design team for a particular project. In this case – Lime Design – also in Columbus, Ohio.

The focus of Innerspace Interior Design is to nimbly integrate with the design team; owner, architect, engineers and other consultants, using best practices to create welcoming, high performance interiors that maximize efficiency for staff and comfort for guests. We take pride in creating amazing interiors within what are often critical budgets while meeting project schedules. With LEED accreditation and our work with sustainable materials we can also make projects as Green as possible.

SERVICES

Services that Innerspace Interiors provides include: Space programming and planning, interior architectural detailing and custom millwork design, selection and specification of interior finishes as well as furniture, artwork and accessories and LEED consultation. We also oversee installation of furnishings, artwork and accessories to be a one stop shop.



We have had extensive experience in hospital design which we feel translates well to hospitality. Innerspace equals high performance interiors! Hospitals have to be designed to take abuse but also be comfortable and stylish. It is important to us to create beautiful, warm and welcoming environments. We strive to set the mood with well selected finishes and careful lighting design for relaxing guest experiences. Timeless design is critical for a successful project as we want them to look as good years later as the day that they open.

CLIENTS

- CPR+TI OFFICES AND TRAINING CENTER, COLUMBUS, OH
- CITY NATIONAL BANK, TEAYS VALLEY, WV
- HOLIDAY INN ON THE LANE, COLUMBUS, OH
- ST. MARY'S HOSPITAL FOR CHILDREN, QUEENS, NY
- VETERANS ADMINISTRATION MEDICAL CENTER, NASHVILLE, TN
- DELL CHILDREN'S, REPLACEMENT HOSPITAL, AUSTIN, TX
- MARSHALL HALL OF FAME RESTAURANT, HUNTINGTON WV
- KING'S DAUGHTERS MEDICAL CENTER, HEART AND VASCULAR CENTER, ASHLAND, KY.
- KING'S DAUGHTERS MEDICAL CENTER, OUTPATIENT RADIOLOGY CENTER, ASHLAND, KY
- MEMORIAL HOSPITAL OF UNION COUNTY, MARYSVILLE, OH
- KNOTTY DOG RESTAURANT, JUNGLE JIMS, CINCINNATI, OH
- SUMMERSVILLE MEMORIAL HOSPITAL, SUMMERSVILLE, WV
- WETZEL COUNTY HOSPITAL, NEW MARTINSVILLE, WV

- CHILDREN'S HOSPITAL MEDICAL CENTER OF AKRON, AKRON, OH
- CHILDREN'S NATIONAL MEDICAL CENTER, WASHINGTON DC
- CHILDREN'S HOSPITAL OF PHILADELPHIA, PHILADELPHIA, PA
- KINGSBROOK NURSING HOME, ASHLAND, KY
- NYDIC, OPEN MRI OF AMERICA, DES MOINES, IA AND COLUMBUS, OH
- PERFORMANCE SITE SOLUTIONS, COLUMBUS, OH
- COLUMBUS MOTORSPORTS, COLUMBUS, OH
- 3C BODYSHOP ESTIMATING CENTER, COLUMBUS, OH

COMPANY LEGAL NAME

Innerspace Interior Design

LOCATION OF INCORPORATION

Ohio

PRINCIPAL OFFICERS

Lisa Frasure

LOCATION OF OFFICES

Columbus, OH

ADDRESS

760 Chaffin Ridge

Columbus, OH 43214

Phone (614) 477-5854

www.innerspaceid.com

NUMBER OF EMPLOYEES

Interior Designer.....2



LISA D. FRASURE, NCIDQ

Principal, Interior Designer

Ms. Frasure brings over twenty years of Interior Design Services, with the past 14 focused on Healthcare. She has been responsible for the complete interior design of both public and privately funded bridge projects. Her previous experience includes:

Senior Interior Designer, Karlsberger Companies, 1994-2004

International Design Coordinator, Wendy's International, 1990-1994

F, F & E Coordinator, Cardinal Retirement Villages, 1985-1990



Selected Project Experience Involving Space Planning, Finishes and FF&E Packages:

- King's Daughters Medical Center, Heart and Vascular Center
- 140,000 square foot facility located in Ashland, Kentucky; opened October 2006
- King's Daughters Medical Center, Outpatient Radiology Center
- 21,000 square foot facility located in Ashland, Kentucky; opened June 2006
- Memorial Hospital of Union County, CT Addition and Renovation; February 2007.
- Multiple cosmetic renovations subsequently
- King's Daughters Medical Center, Surgical Recovery, Surgical Orthopedics cosmetic renovations; 2007
- Knotty Dog concept restaurant design and implementation; January 2008
- Summersville Memorial Hospital, Renovation and Addition Project; open December 2009
- New Martinsville Emergency Department Addition and Renovation; open February 2010
- Akron Children's Physician's Office Building, Akron, Ohio – Public space including auditorium, multi-purpose classrooms and pre-function spaces, physician's suites
- Akron Children's Hospital Medical Center, Akron, Ohio – Renovations to Burn, Hematology and ICU Unit and Cafeteria
- Children's National Medical Center, Washington DC - Dietary and Cafeteria Renovation
- Starnet Award for Flooring Design
- Children's Hospital of Philadelphia, Philadelphia, Pennsylvania - Family Resource Center, PICU, BMT Unit, OR Expansion and Renovation, Seashore House Public Spaces
- Renovation
- King's Daughters Medical Center, Ashland, Kentucky - Day Care Center
- Dell Children's Replacement Hospital, Austin Texas – 450,000 square foot replacement hospital
- Doctor's West Hospital, Columbus, Ohio – LDR Unit Expansion
- King's Daughters Medical Center, Medical Plaza Building A, Medical Plaza Building B - Physician's suites and public spaces
- Kingsbrook Nursing Home, Ashland, Kentucky – Nursing and Alzheimer's Care Facility
- Memorial Hospital of Union County, Marysville, Ohio – Women's Center Addition
- New Orleans Children's Hospital, New Orleans, Louisiana - renovation including Auditorium, Emergency Department and NICU. Medical Offices Building additions
- worked on waiting area with integrated play zones
- NYDIC, Open MRI of America, Des Moines, Iowa and Columbus, Ohio Locations
- Thomas Memorial Hospital, Charleston, West Virginia - Medical Office Building and Lab Expansion
- Trinity Health Systems, Steubenville Ohio - Heart Center and Cath Lab Addition
- Hayes Green Beach Memorial Hospital, Charlotte, Michigan - Inpatient Surgery Unit
- King's Daughters Medical Center, Ashland,

EDUCATION:

B.S. Industrial Design, The Ohio State University, 1985

REGISTRATIONS:

LEED Accredited Professional, National Council for Interior Design Qualification (NCIDQ) Certified 1994

OTHER

Board of Directors of the Columbus Green Building Forum www.cgbf.org and member of the Leadership and Communications Committees Central Ohio USGBC Provisional Chapter

Kentucky - Center for Advanced Care

- King's Daughters Medical Center, Ashland, Kentucky - Ambulatory Surgery Center
- Performance Site Solutions, Columbus, Ohio – Office Renovation
- Columbus Motorsports, Columbus, Ohio – Store Design

REFERENCES





CLIENT REFERENCES

Howard Harrison
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304.327.8182

George G. Couch, CEO
Ohio Valley Medical Center
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Wheeling, WV 26003
304.2340123





REFERENCES

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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
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Charleston, WV 25301
304.344.9140

NEIGHBORGALL CONSTRUCTION

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Vice President of Administration
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MIRC CONSTRUCTION SERVICES, LLC

Christopher Payne
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304.757.0880
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