

**Division of Natural Resources
Lodge Expansion and Park Improvements
Cacapon Resort State Park
Berkeley Springs, West Virginia**

**Sealed Bid
Buyer: 44
REQ#: DNR209057**

**Expression of Interest
Architectural and Engineering Services**

**December 9, 2008
1:30 pm**



RECEIVED

2008 DEC -9 A 10: 38

5 December 2008

Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, West Virginia 25305-0130

RECEIVING DIVISION
STATE OF WV

RE: EOI for the Lodge Expansion and Park Improvements at Cacapon Resort State Park in Berkeley Springs, West Virginia

Mr. Whittaker:

Paradigm Architecture Inc. is pleased to submit this Expression of Interest for the Lodge Expansion and Park Improvements at Cacapon Resort State Park. We have assembled a team of West Virginia based professionals with appropriate project experience and ability to complete this project.

Our proposal includes our Firm Profile, a brief History, References, staff Resumes, and a sampling of Projects we have been privileged to work on. We have successfully completed many different hotel and resort projects, including **Glade Springs Resort and Conference Center** in Daniels, WV and **Two Waterfront Place Hotel and Conference Center** in Morgantown, WV. Both of these included dining facilities, indoor fitness facilities, and spa areas. Glade Springs Resort included an expansion of the existing Golf Clubhouse facility including golf locker rooms. Two Waterfront Place included an indoor pool. We have successfully completed multiple dining and kitchen facilities including **Davis and Elkins College Madden Student Center**, **Waterfront Marina and Boathouse Bistro**, and **Sargasso Restaurant**. In addition, we are actively involved with a number of other projects and clients located in West Virginia, including **West Virginia University**, **Fairmont State University**, **Davis and Elkins College**, and the **Waterfront Development** in Morgantown, WV

Our team consists of specialized engineers and consultants that share our commitment to service and quality and will best serve the technical requirements and demands of this project. **KCI Technologies, Inc.** will provide Civil Engineering services. Their golf course experience includes projects for the **University of Maryland** in College Park, MD, **Chesapeake Environmental Management** for various locations in Maryland, and **Musket Ridge Golf Club** in Myersville, MD. **Allegheny Design Services** will provide Structural Engineering services. **Tower Engineering** will provide Mechanical, Electrical, and Plumbing Engineering services. We have extensive professional relationships with these engineers and have successfully completed many projects together.

Paradigm Architecture is a service-oriented architectural design firm capable of taking a project from inception to completion through the phases of schematic design, design development, bidding/negotiation, construction & contract documents, construction administration, and closeout procedures. We are able to meet a client's needs and expectations while upholding the budget and project deadlines. It is our goal to provide a high level of personal service and design solutions that reflect the unique image and purpose of our clients. We welcome the opportunity to work with you on this project.

Best regards,

A handwritten signature in black ink, appearing to read 'Paul Walker', written over a horizontal line.

Paul Walker AIA

President, Paradigm Architecture

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Birmingham, AL 35244

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Firm Profile

Paradigm by definition means an example that serves as pattern or model. The goal of Paradigm Architecture is to be an example in client service, design quality, and technical proficiency. We practice architecture. For every project, Paradigm works closely with the unique requirements of the particular client to design a structure that reflects both the appropriate image and proper function to optimize the working or living environment.

EXPERIENCE

Paradigm Architecture has experience in a broad range of project types. This work includes private individual, corporate, governmental, educational, and institutional clients.

Residential:

Paradigm's residential experience spans a variety of client types. Student Housing/dormitory facilities for higher education, hotel projects, elderly housing, and private residential that includes single family homes, townhouses, and high end condominium units.

Corporate:

Paradigm has designed entire office buildings as well as tenant fit-up spaces for clients such as Jackson Kelly PLLC, A.G. Edwards, Acordia, Petroplus & Associates Inc., National Biometric Security Project, Simpson & Osborne, DMJM Harris, and the West Virginia University Foundation. Projects also include banking regional and branch offices.

Governmental:

Members of Paradigm have been involved in projects for the Federal Government in Charleston and Clarksburg, West Virginia. These commissions were awarded through design competitions and involved office space for Social Security, the Federal Bureau of Investigation, the Drug Enforcement Agency, the Small Business Administration, and hearing rooms for SSA Hearings and Appeals. More recently Paradigm has been involved in several projects for the GSA in the Morgantown area.

Educational:

Higher Educational experience includes administrative office space, parking facilities, student housing, libraries, student centers, athletic facilities, and classroom and research laboratory facilities. We have worked on campuses that include: West Virginia University, Fairmont State University, Davis and Elkins College, The College of West Virginia, Hampden Sydney College, Wake Forest University, Ayers State Technical College, The University of North Carolina at Greensboro, and The University of Alabama at Birmingham. Paradigm's staff has also been involved in educational facilities at the elementary and middle school level including new and renovated buildings.

Religious:

Paradigm has had the distinct privilege of working on a variety of churches and other projects categorized as religious. Among them are: Chestnut Ridge Church, Goshen Baptist Church, Daniels Missionary Baptist Church, The Greek Orthodox Church, A Flame for Christ Ministries, Southridge Church, Family Life Assembly, Faith United Methodist Church, and Chestnut Mountain Ranch in West Virginia and Mountaintop Community Church, Cahaba Ridge, A Church with a Vision, and City of Hope Ministries in Alabama.

Institutional:

Medical and retirement life care projects dominate our staff's institutional portfolio. Medical projects include outpatient surgery centers, patient care rooms, emergency medicine, surgery suites, labor & delivery suites, Magnetic Resonance Imaging, X-ray diagnostic services, and heart catheterization spaces for hospital clients, radiation and chemotherapy treatment areas in cancer centers, and professional medical office space for private physicians. Retirement life care facilities range from independent elderly housing and assisted living facilities to full nursing care centers.



Firm History

Paradigm Architecture was formed in October of 2000 by a group of likeminded individuals who believe that architecture provides the opportunity to practice the career that we love.

We as individuals and as team members of a firm have a responsibility to exhibit that passion in the manner in which we live our lives.

We chose the name Paradigm because it means a model that serves as an example.

This represents our highest ideals...
that our architecture would serve as an example
that our client service would serve as an example
that our service to our God would serve as an example

Originally established in Birmingham, Alabama, Paradigm Architecture expanded in 2002 by opening an office in Morgantown, West Virginia. Our staff of nine includes four registered architects, one intern architect, an interior designer, two CAD designers, and an administrative assistant. We utilize the most current technical hardware and software including AutoCAD, Architectural Desktop, Revit, 3D site and building rendering programs, and SpecLink specifications software.

It is our belief that we should assemble consultants that are uniquely skilled to satisfy the particular requirements of a project. We have close professional relationships with many engineers and specialized consultants and choose those that we feel will best serve the technical specialization, location of the work and sometimes even personality of the client. We choose not to work with firms who do not share our commitment to service and quality.

We are proud to have been involved in numerous projects, which have been honored with Excellence in Construction awards by the Associated Builders & Contractors, Inc.:

- 2007 – Waterfront Marina, Morgantown, West Virginia
- 2007 – Chestnut Ridge Church, Morgantown, West Virginia
- 2004 – Madden Student Center at Davis & Elkins College, West Virginia
- 2004 – Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
- 2003 – The Jackson Kelly Building, Morgantown, West Virginia
- 2002 – One Waterfront Place, Morgantown, West Virginia
- 2001 – The Russell Cancer Center, Alexander City, Alabama
- 2000 – The Charleston Federal Center, Charleston, West Virginia
- 1999 – The Clarksburg Federal Center, Clarksburg, West Virginia

Paradigm Architecture has established a solid base of clientele in both Alabama and West Virginia. We continue to develop business relationships, which promote additional growth and further expand our project repertoire. We look forward to every opportunity to demonstrate our commitment to serving as an example in architecture.



Quality Control and Management

Due to our experience on resort, hotel, conference, and golf projects and our strong local presence in West Virginia, we are uniquely qualified to successfully complete this project. We have completed projects of this nature for Glade Springs Resort in Daniels, WV, and Two Waterfront Place Hotel in Morgantown, WV. We have successfully completed multiple food service facilities in the area, including Davis and Elkins Madden Student Center, the Regatta Bar and Grille, the Rat Pack Lounge, Waterfront Marina and Boathouse Bistro, and Sargasso Restaurant. We also have many active local projects and strong client relationships, such as West Virginia University, Davis and Elkins College, Fairmont State University, and the Waterfront Development in Morgantown, WV.

It has always been our philosophy that successful projects are the result of successful team relationships. And on any given construction project there are a lot of relationships that come into play: owners, developers, facilities managers, architects, engineers, contractors, subcontractors, financial institutions, attorneys, code agencies, tenants... We have learned a lot about how to work successfully together with all parties involved. Every project, whether large or small, is unique and requires strong leadership. Being a small business, you can be assured that local, senior staff and an experienced project manager will be assigned to all of our projects. Based on the specific requirements of the project, we always put together a team of consultants and staff who would best serve the needs of that individual project and client – while always maintaining a constant flow of communication and personal service with the owner. We have relationships with some of the best consulting companies in the region and the country to bring together the appropriate talents to meet the needs of a particular project. We currently have active relationships with consultants in AL, WV, IN, MI, OH, TX, NY, and PA.

Paradigm Architecture prides itself on streamlining our project delivery and management methods. One of the ways we do this is to utilize the latest technology, including web based project collaboration sites, electronic communication, electronic submittals for review and approval, video conferencing and the latest software packages for 3d renderings, Computer Aided Drafting (CAD), and Building Information Modeling (BIM). Our current software packages include Autocad Architecture 2009, Revit Architecture 2009, 3d Studio, and Speclink. Far from the older methods of hand drafting, these tools help us to deliver faster and better coordinated projects, have fewer problems in the field, and provide the owner with excellent visualization tools during project development. We are always pursuing additional training and education for all our staff, including "in house" workshops, seminars, and online education for topics such as green building, BIM, project delivery and management, and codes. We also actively review our internal operations and gather feedback from clients, consultants and contractors. We will quickly make firm wide adjustments when we see areas that could be improved in order to continue providing excellent service. I think this model of excellent service is acknowledged by our continued and growing list of repeat clients.

We have successfully used a wide range of project delivery types on both public and private projects: design-bid-build, negotiated, design-build, develop-design-build, fast track, construction management agency, and construction management where the construction manager is also the contractor. We have extensive experience on fast-track construction projects, ranging from \$1 million to \$35 million. We assist the owner in developing critical path items and developing multiple early release packages while the design is still ongoing. These packages typically include initial site work, foundation, superstructure, long lead equipment,

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Quality Control and Management

shell, and interior fit out. Although there are greater risks that must be assumed by the owner with this method, the benefits from meeting tight deadlines typically outweigh these risks. Expedient decisions must be made by all involved and open lines of communication and transparency are crucial. On any given type of project delivery, we have a quality control plan that includes developing an initial schedule with the owner for the entire project, through the design, bid, and construction phases. Milestone points will be established and will include deliverables from both the design team and the owner. These milestone points will include sets of progress drawings and specifications for both the owner's and design team's review. We have an extensive "in house" coordination and review process that includes engineering coordination, specification coordination, code and life safety reviews, and the owner's program review. Before moving to each subsequent phase, the Owner will have an opportunity to review and "sign off" on each progress set so that all parties are always clear as to the direction the project is heading.

Using internal cost data, and national databases, we are able to provide the Owner rough order of magnitude and schematic cost estimating for initial project development. We often conduct feasibility studies for clients to help them with initial project evaluations. For projects under \$1 million we will provide more detailed cost estimating "in house" and have consistently been within an expected 10% range on bid day. However, unlike many architects and engineers, we feel that utilizing the services of a contractor or construction manager is extremely beneficial to the design process and helps keep the project moving in the right direction. Their services, such as cost estimating, constructability reviews, value engineering, current bid market analysis, and CPM scheduling have proven to be valuable assets to both the architect and owner. They are the experts in this area, just as we are the experts in the area of design, so why shouldn't we work together from day one to give the owner the best possible project? Therefore we often suggest that these services be used on medium and large projects. If a project's funding sources do not allow for the general contractor to fill this role until the design is complete, then we can provide this role as consulting services under our contract. At times, we recommend both the architect and owner hire these consultants so that two third party reviews can be conducted and then any major differences be reconciled prior to bidding the project. Using these unique approaches we find that it is rare for one of our projects to be over budget or behind schedule.

Today, everyone is concerned with energy conservation, life cycle analysis, and green building techniques, and Paradigm Architecture is no different. We are currently working on two projects that will be LEED Certified. In addition, we have been able to assist clients who are interested in applying green building techniques such as improving the energy efficiency of the building and reducing long term life cycle costs, even though they may not wish to pursue LEED Certification. Being a relatively new science we are currently using consultants who are experts in this field. However, our staff is actively pursuing LEED Accreditation and green building education. All of our consultants have experience with not only green building construction but also life cycle cost evaluations, value engineering, and materials/systems comparisons in order to give the Owner the best value in a project.

Mr. Brian Johnson
Bright Enterprises for
Glade Springs Resort
300 Greenbrier Road
Summersville, West Virginia
(304) 872-3000

Mr. Rich Lane
Petroplus & Associates, Inc.
Platinum Properties
Two Waterfront Place, Suite 1201
Morgantown, West Virginia
(304) 284-5000

Mr. Ron Selders
Davis & Elkins College
100 Campus Drive
Elkins, West Virginia
(304) 637-1900

Mr. Phil Weser, P.E.
March Westin Company
360 Frontier Street
Morgantown, West Virginia
(304) 599-4880

Mr. Pat Stinson
Alliance Construction
320 S. Walker St.
Princeton, WV 24740
(304) 487-5802

Mr. James Decker
Fairmont State University
1201 Locust Avenue
Fairmont, West Virginia
(304) 367-4100

Mr. Tim Haring
Chestnut Ridge Church
Senior Pastor
2223 Cheat Road
Morgantown, West Virginia
(304) 594-0548

Mr. John Thompson
Manager of Construction Services
West Virginia University
979 Rawley Avenue
Morgantown, West Virginia
(304) 293-3625



Paul A. Walker, AIA

President and Design Architect

Mr. Walker has twenty-six years of experience as an architect and received his registration in 1986. He became a business owner in October 2000 when he created Paradigm Architecture. Mr. Walker's design responsibilities include programming, development of construction documents, project management, and construction administration. Among the variety of projects he has designed and supervised are: commercial, corporate, educational, governmental, industrial, institutional, recreational, religious, and residential. The scope of projects ranges from a few thousand dollars to over 30 million dollars.

EDUCATION

University of Tennessee, Knoxville, Tennessee
Bachelor of Architecture, 1982

ARCHITECTURAL REGISTRATION

NCARB Certificate No. 53858
West Virginia No. 2626
North Carolina No. 4910
Alabama No. 5398

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Board Member, Chestnut Ridge Church

AWARDS AND HONORS

Chestnut Ridge Church, Morgantown, West Virginia
Waterfront Marina, Morgantown, West Virginia
2007 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
Madden Student Center at Davis & Elkins College, Elkins, West Virginia
2004 Excellence in Construction Award, Associated Builders & Contractors, Inc.

The Jackson Kelly Building, Morgantown, West Virginia
2003 Excellence in Construction Award, Associated Builders & Contractors, Inc.

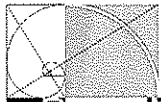
One Waterfront Place, Morgantown, West Virginia
2002 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Cancer Center, Alexander City, Alabama
2001 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Clarksburg Federal Center, Clarksburg, West Virginia
1999 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Charleston Federal Center, Charleston, West Virginia
2000 Excellence in Construction Award, Associated Builders & Contractors, Inc.
2000 Development Project Special Recognition Award, Charleston Renaissance Corporation

Para-digm - (pă'r'e-dīm') n. An example that serves as pattern or model.



**Paradigm
Architecture**

Paul A. Walker, AIA

Representative Projects

**Glade Springs Resort
Clubhouse Expansion
Daniels, West Virginia**
Completed: Summer 2006
Cost: \$1.1 Million

**Glade Springs Resort
and Conference Center
Daniels, West Virginia**
Completed: Fall 2005
Cost: \$6 Million

**Waterfront Marina
and Boathouse Bistro
Morgantown, West Virginia**
Completed: Summer 2007
Cost: \$4.2 Million

**West Virginia University
Intermodal Garage
Morgantown, West Virginia**
Estimated Completion: Fall 2009
Cost: \$14.5 Million

**Glenmark Office
Morgantown, West Virginia**
Estimated Completion: Winter 2008
Cost: \$1.6 Million

**United States Department of Energy
Office of Legacy Management
Records Storage Facility
Morgantown, West Virginia**
Estimated Completion: Fall 2009
Cost: \$8 Million (Shell)

**Fairmont State University
Parking Facility
Fairmont, West Virginia**
Completed: Summer 2004
Cost: \$10 Million

**Davis and Elkins College
Athletic Center
Elkins, West Virginia**
Completed: Spring 2007
Cost: \$5.5 Million

**Two Waterfront Place
Hotel and Conference Center
Morgantown, West Virginia**
Completed: Summer 2003
Cost: \$35 Million

**Morgantown Event Center
and Parking Garage
Morgantown, West Virginia**
Estimated Completion: Winter 2009
Cost: \$26.3 Million

**West Virginia University
Downtown Student Housing
Morgantown, West Virginia**
Estimated Completion: Summer 2009
Cost: \$15.3 Million

**Davis and Elkins College
Madden Student Center
Elkins, West Virginia**
Completed: Winter 2003
Cost: \$1.5 Million

**United States Department of Agriculture
Morgantown, West Virginia**
Estimated Completion: Fall 2009
Cost: \$6.5 Million (Shell)

**Chestnut Ridge Church
Morgantown, West Virginia**
Completed: Fall 2006
Cost: \$10 Million

**The View at the Park
Morgantown, West Virginia**
Completed: Summer 2004
Cost: \$8 Million

**The Dayton Student Housing
Morgantown, West Virginia**
Estimated Completion: Fall 2008
Cost: \$3.3 Million

**The Jackson Kelly Building
Morgantown, West Virginia**
Completed: Spring 2002
Cost: \$4.5 Million (Shell)

* Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

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David H. Snider, AIA

Project Manager

Mr. Snider graduated from Auburn University with a degree in architecture and practiced in North Carolina before returning to his hometown of Birmingham, Alabama. He has spent the last eight years of his twenty-three year career with Paradigm Architecture. His responsibilities with Paradigm Architecture have included project management, construction documents, contract administration, and writing specifications. Project experience includes educational, healthcare, churches, libraries, schools, historic office buildings, airports, and commercial facilities.

EDUCATION

Auburn University, Auburn, Alabama
Bachelor of Architecture, 1984

Roofing Technology
The Roofing Industry Educational Institute, 1995

ARCHITECTURAL REGISTRATION

North Carolina No. 05151
Alabama – Pending

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects

AWARDS AND HONORS

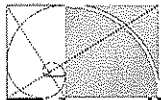
Chestnut Ridge Church, Morgantown, West Virginia
Waterfront Marina, Morgantown, West Virginia
2007 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
Madden Student Center at Davis & Elkins College, Elkins, West Virginia
2004 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Professional Office Building III, Alexander City, Alabama
2004 Top Block Award, The Alabama Masonry Institute

The Jackson Kelly Building, Morgantown, West Virginia
2003 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Cancer Center, Alexander City, Alabama
2001 Excellence in Construction Award, Associated Builders & Contractors, Inc.



**Paradigm
Architecture**

David H. Snider, AIA

Representative Projects

**Glade Springs Resort
and Conference Center
Daniels, West Virginia**
Completed: Fall 2005
Cost: \$6 Million

**Waterfront Marina
and Boathouse Bistro
Morgantown, West Virginia**
Completed: Summer 2007
Cost: \$4.2 Million

**Marina Tower Office Building
and Pedestrian Bridge
Morgantown, West Virginia**
Estimated Completion: Winter 2008
Cost: \$10 Million (Shell)

**United States Department of Agriculture
Morgantown, West Virginia**
Estimated Completion: Fall 2009
Cost: \$6.5 Million (Shell)

**Lanier Hospital
Emergency Department Renovations
Valley, Alabama**
Estimated Completion: 2009/2010
Cost: \$1.1 Million

**Russell Medical Center
Women's Center
Alexander City, Alabama**
Completed: Winter 2006
Cost: \$150,000

**Russell Medical Center
Physical Therapy
Alexander City, Alabama**
Completed: Spring 2008
Cost: \$1.6 Million

**Russell Medical Center
Emergency Department Renovation
Alexander City, Alabama**
Completed: Spring 2008
Cost: \$1.5 Million

**Two Waterfront Place
Hotel and Conference Center
Morgantown, West Virginia**
Completed: Summer 2003
Cost: \$35 Million

**Russell Medical Center
Professional Office Building #3
Alexander City, Alabama**
Completed: Spring 2004
Cost: \$4.2 Million

**Fairmont State University
Parking Facility
Fairmont, West Virginia**
Completed: Spring 2004
Cost: \$10 Million

**The Jackson Kelly Building
Morgantown, West Virginia**
Completed: Spring 2002
Cost: \$4.5 Million (Shell)

**Lanier Hospital
ICU Renovations
Valley, Alabama**
Completed: Fall 2008
Cost: \$1.6 Million

**Lanier Hospital
Cardiopulmonary/Pharmacy
Renovations
Valley, Alabama**
Completed: Summer 2008
Cost: \$1.165 Million

**The View at the Park
Morgantown, West Virginia**
Completed: Summer 2004
Cost: \$8 Million

Russell Cancer Center*
Alexander City, Alabama
Completed: Spring 2001
Cost: \$1.8 Million

* Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

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Grant T. Gramstad, AIA

Project Architect

Mr. Gramstad has fourteen years of experience in the design industry as an intern and registered architect. He has been with Paradigm Architecture since its inception in November 2000. His roles have included project management, design, and supervision of small to mid-sized architectural projects. Project experience includes commercial, corporate, educational, governmental, healthcare, industrial, institutional, recreational, and residential.

EDUCATION

Tulane University, New Orleans, Louisiana
Master of Architecture, 2004

Tulane University, New Orleans, Louisiana
Bachelor of Architecture, Salutatorian, 1993

University of Bath, Bath, England
Junior Year Abroad, 1991-1992

ARCHITECTURAL REGISTRATION

Alabama No. 4897

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Certified Construction Contract Administrator

AWARDS AND HONORS

Waterfront Marina, Morgantown, West Virginia
2007 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Lightning Strikes Family Fun Center, Trussville, Alabama
2004 Circle of Design Excellence, Pittsburgh Corning Glass Block

Russell Professional Office Building III, Alexander City, Alabama
2004 Top Block Award, The Alabama Masonry Institute

Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
2004 Excellence in Construction Award, Associated Builders & Contractors, Inc.

The Jackson Kelly Building, Morgantown, West Virginia
2003 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Cancer Center, Alexander City, Alabama
2001 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Charleston Federal Center, Charleston, West Virginia
2000 Excellence in Construction Award, Associated Builders & Contractors, Inc.
2000 Development Project Special Recognition Award, Charleston Renaissance Corporation

Para-digm - (pär'e-dīm') n. An example that serves as pattern or model.



Grant T. Gramstad, AIA

Representative Projects

**Glade Springs Resort
and Conference Center**
Daniels, West Virginia
Completed: Fall 2005
Cost: \$6 Million

**Waterfront Marina
and Boathouse Bistro**
Morgantown, West Virginia
Completed: Summer 2007
Cost: \$4.2 Million

**United States Department of Energy
Office of Legacy Management
Records Storage Facility**
Morgantown, West Virginia
Estimated Completion: Fall 2009
Cost: \$8 Million (Shell)

Kuttin' Up Hair Salon
Trussville, Alabama
Completed: Summer 2007
Cost: \$300,000

**Russell Medical Center
Professional Office Building #3**
Alexander City, Alabama
Completed: Spring 2004
Cost: \$4.2 Million

**City of Trussville
Greenway Project – Phase 2**
Trussville, Alabama
Completed: Spring 2008
Cost: \$400,000

**Fairmont State University
Parking Facility**
Fairmont, West Virginia
Completed: Spring 2004
Cost: \$10 Million

Coca-cola Cross-dock Facility
Walker County, Alabama
Completed: Fall 2002
Cost: \$800,000

**Two Waterfront Place
Hotel and Conference Center**
Morgantown, West Virginia
Completed: Summer 2003
Cost: \$35 Million

**Lightning Strikes
Trussville Family Fun Center**
Trussville, Alabama
Completed: Spring 2004
Cost: \$7 Million

Shonos Japanese Restaurant
Hoover, Alabama
Completed: Summer 2007
Cost: \$500,000

**The Foundry
Women and Children's Center
Renovation**
Bessemer, Alabama
Estimated Completion: Fall 2009
Cost: \$1 Million

**Marina Tower Office Building
and Pedestrian Bridge**
Morgantown, West Virginia
Estimated Completion: Winter 2008
Cost: \$10 Million (Shell)

**Dixon-Hughes Tenant Fitup
Marina Tower Office Building**
Morgantown, West Virginia
Estimated Completion: Winter 2008
Cost: DND

**Mountaintop Community Church
Family Life Center**
Vestavia Hills, Alabama
Estimated Completion: Fall 2009
Cost: \$2.5 Million

**Red Diamond Coffee and Tea
Miscellaneous Renovations**
Birmingham, Alabama
Completed: 2001 thru 2006
Costs (cumulative): \$1 Million

* Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

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Jonathan L. Perry, AIA

Project Manager

Mr. Perry's responsibilities have included development of construction documents and drawings, project management, marketing presentations, bidding procedures, construction administration, and creating renderings for clients using computer aided design programs. He has a combined nine years of experience in commercial and residential architecture and has been with Paradigm Architecture for the last eight years. Project experience includes commercial, corporate, educational, governmental, healthcare, hospitality, industrial, institutional, recreational, and residential.

EDUCATION

University of Alabama at Birmingham, Birmingham, AL
Master of Engineering in Construction Management, 2008-current student

University of Tennessee, Knoxville, Tennessee
Bachelor of Architecture, Cum Laude, 1999

Politechnika Krakowska, Krakow, Poland
Semester Abroad, 1998

ARCHITECTURAL REGISTRATION

West Virginia No. 3953 - received June 2007

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Construction Documents Technologist

AWARDS AND HONORS

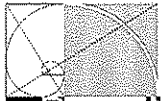
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Russell Cancer Center, Alexander City, Alabama
2001 Excellence in Construction Award, Associated Builders & Contractors, Inc.



**Paradigm
Architecture**

Jonathan L. Perry, AIA

Representative Projects

**Glade Springs Resort
Clubhouse Expansion
Daniels, West Virginia**
Completed: Summer 2006
Cost: \$1.1 Million

**West Virginia University
Downtown Student Housing
Morgantown, West Virginia**
Estimated Completion: Summer 2009
Cost: \$15.3 Million

**Hampton Center Renovations
Morgantown, West Virginia**
Completed: Fall 2007
Cost: \$619,000

**The Dayton Student Housing
Morgantown, West Virginia**
Completed: Fall 2008
Cost: \$3.3 Million

**West Virginia University
Intermodal Garage
Morgantown, West Virginia**
Estimated Completion: Fall 2009
Cost: \$14.5 Million

**Chestnut Ridge Community Church
Morgantown, West Virginia**
Completed: Fall 2006
Cost: \$10 Million

**The View at the Park
Morgantown, West Virginia**
Completed: Summer 2004
Cost: \$8 Million

**The Jackson Kelly Building
Morgantown, West Virginia**
Completed: Spring 2002
Cost: \$4.5 Million (Shell)

**One Waterfront Place*
Morgantown, West Virginia**
Completed: Summer 2001
Cost: \$21.3 Million

**Two Waterfront Place
Hotel and Conference Center
Morgantown, West Virginia**
Completed: Summer 2003
Cost: \$35 Million

**Waterfront Marina
and Boathouse Bistro
Morgantown, West Virginia**
Completed: Summer 2007
Cost: \$4.2 Million

**Davis and Elkins College
Madden Student Center
Elkins, West Virginia**
Completed: Summer or Winter 2003
Cost: \$1.5 Million

**Russell Medical Center
Professional Office Building #3
Alexander City, Alabama**
Completed: Spring 2004
Cost: \$4.2 Million

**Fairmont State University
Parking Facility
Fairmont, West Virginia**
Completed: Spring 2004
Cost: \$10 Million

**Davis and Elkins College
Athletic Center
Elkins, West Virginia**
Completed: Spring 2007
Cost: \$5.5 Million

**Fairmont State University
Colebank Hall Renovations
Fairmont, West Virginia**
Completed: Winter 2007
Cost: \$1.5 Million

**Russell Cancer Center*
Alexander City, Alabama**
Completed: Spring 2001
Cost: \$3.2 Million

* Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

2450 Valleydale Road • Suite 150
Birmingham, AL 35244
Tele 205•403•2742 205•403•2743 Fax

2223 Cheat Road • Suite 300
Morgantown, WV 26508
Tele 304•284•5015 304•284•5014 Fax



Glade Springs Resort and Conference Center

Daniels, West Virginia



Located in the Allegheny Mountains of West Virginia, this 48 room luxury hotel and conference center is available for both family vacations and business retreats, offering access to ski, spa, and golf activities.

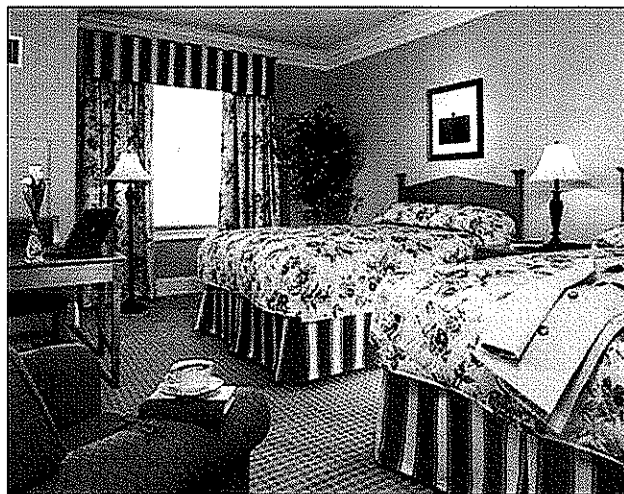
The facility is located on the site of the existing conference center and is connected to the existing commercial kitchen. The facility functions as the main lodging and meeting center of the resort and offers a mix of hotel rooms and suites, and an additional 4,100 square feet of ballroom and meeting space.

Owner: Glade Springs Resort

Design Architect: Paul A. Walker, AIA
Project Manager: David H. Snider, AIA
Project Architect: Grant T. Gramstad, AIA

Completed: Fall 2005
Cost: \$8 Million
Size: 48,500 Square Feet

Contractor: Alliance Construction Management





Two Waterfront Place Hotel and Conference Center

Morgantown, West Virginia



A seventeen story hotel, conference center, retail, dining, and residential mixed-use facility in the Waterfront District. Additional features include an indoor pool, athletic club, day-spa/salon, and private parking for residents.

2003 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Owner: Platinum Properties

Design Architect: Paul A. Walker, AIA

Project Manager: David H. Snider, AIA

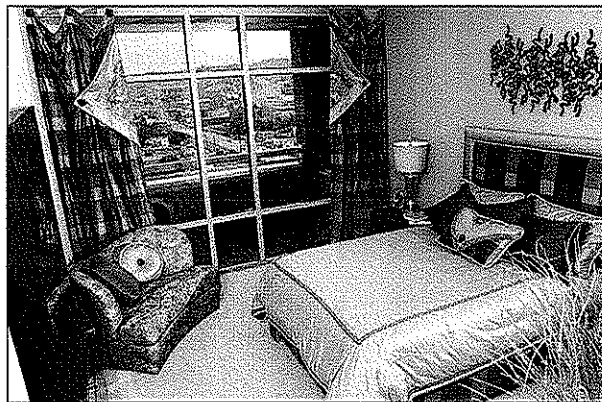
Project Architect: Grant T. Gramstad, AIA

Completed: Summer 2003

Cost: \$35 Million

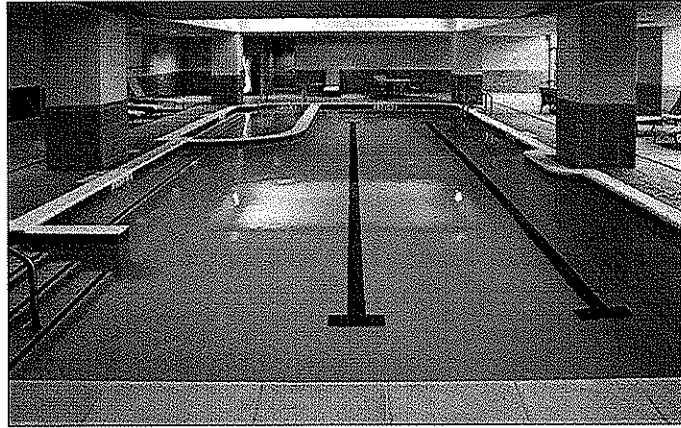
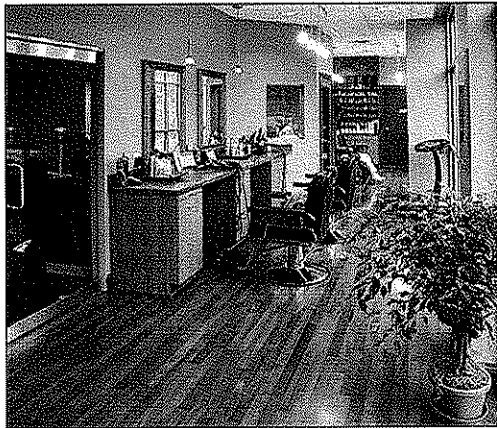
Size: 296,427 Square Feet

Contractor: The March-Westin Company



Two Waterfront Place Hotel and Conference Center

Morgantown, West Virginia



Fitness Center, Pool, and Day-Spa

The second floor of the Waterfront Place Hotel features a 3,500 square foot Fitness Center and 2,000 square foot Day Spa featuring full beauty salon services. The ground level pool includes a hot tub feature and outdoor terrace facing the Monongalia River.



Regatta Bar and Grille and Rat Pack Lounge

Morgantown, West Virginia



The Regatta Bar and Grille is a 5,000 square foot fine dining restaurant located on the first floor of the Waterfront Place Hotel. It features a décor centered around a crew team/rowing theme. Additional features include a private dining room and outdoor terrace dining overlooking the Monongalia River. The restaurant also hosts the Bob Huggins and Bill Stewart statewide sportsline shows each week during the football and basketball seasons. The Rat Pack Lounge, which is also located on the first floor of the Waterfront Place Hotel, features a high end but casual atmosphere.

Owner: Platinum Properties

Design Architect: Paul A. Walker, AIA

Project Manager: David H. Snider, AIA

Project Architect: Grant T. Gramstad, AIA

Completed: Summer 2003

Cost: \$1 Million

Size: 6,700 Square Feet

Contractor: The March-Westin Company



A Flame for Christ Ministries

Anmoore, West Virginia



This facility will provide a Christian retreat to be used as an outreach ministry and by area churches for hosting conferences, training, and weekly prayer and Bible Study groups. It is the owner's intent to incorporate the natural surroundings into the retreat, maximize the views, have minimal site impact, and utilize materials that reflect the local landscape. The proposed design provides an approximate 600 seat auditorium space with adjacent kitchen and multipurpose room.

Owner: A Flame for Christ Ministries

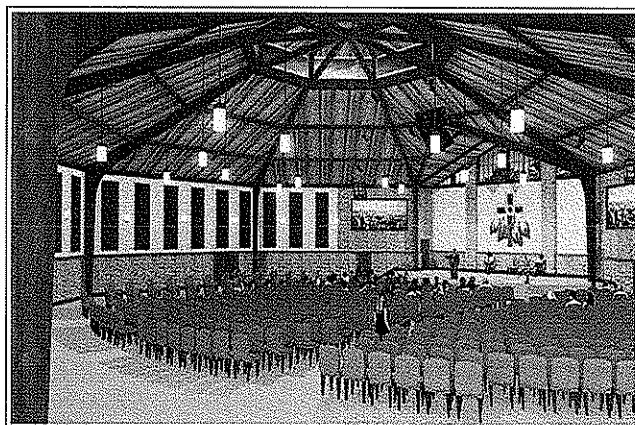
Design Architect and Project Manager:
Jonathan L. Perry, AIA

Estimated Completion: TBD

Cost: \$7.5 Million

Size: 31,000 Square Feet

Contractor: Alliance Construction Management



Glenmark Office Building

Morgantown, West Virginia



(Currently Under Construction)

This three story office building will house the corporate headquarters of Glenmark Holdings, LLC. The building, located in a largely residential area, is designed to blend with the neighboring houses and uses stacked stone, lap siding, and gabled roofs to achieve this.

Owner: Glenmark Holdings, LLC

Design Architect: Paul A. Walker, AIA

Estimated Completion: Winter 2008

Cost: \$1.6 Million

Size: 10,000 Square Feet

Contractor: Lytle Construction Company





Morgantown Event Center and Parking Garage

Morgantown, West Virginia



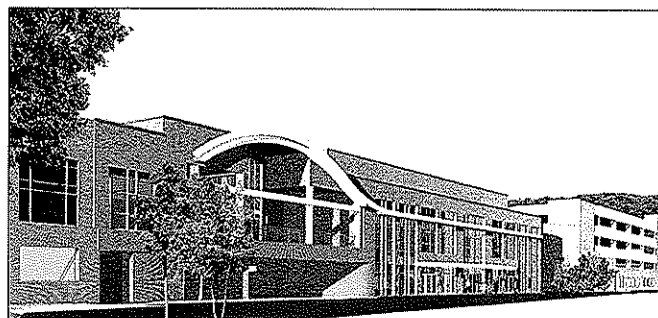
The 80,000 square foot Morgantown Event Center and 300 space Parking Garage will be located adjacent to the Waterfront Place Hotel and Conference Center along the Monongahela River in Morgantown. The large main event room is designed to accommodate a variety of event types including concerts, plays, boxing matches, banquets, and conventions. The facility also features a full catering kitchen and support spaces.

Event Center Owner: Platinum Properties
Parking Garage Owner: City of Morgantown

Design Architect: Paul A. Walker, AIA
Project Manager: Jonathan Perry, AIA

Completion Date: Winter 2009
Cost: \$26.3 Million
Size: 159,000 Square Feet

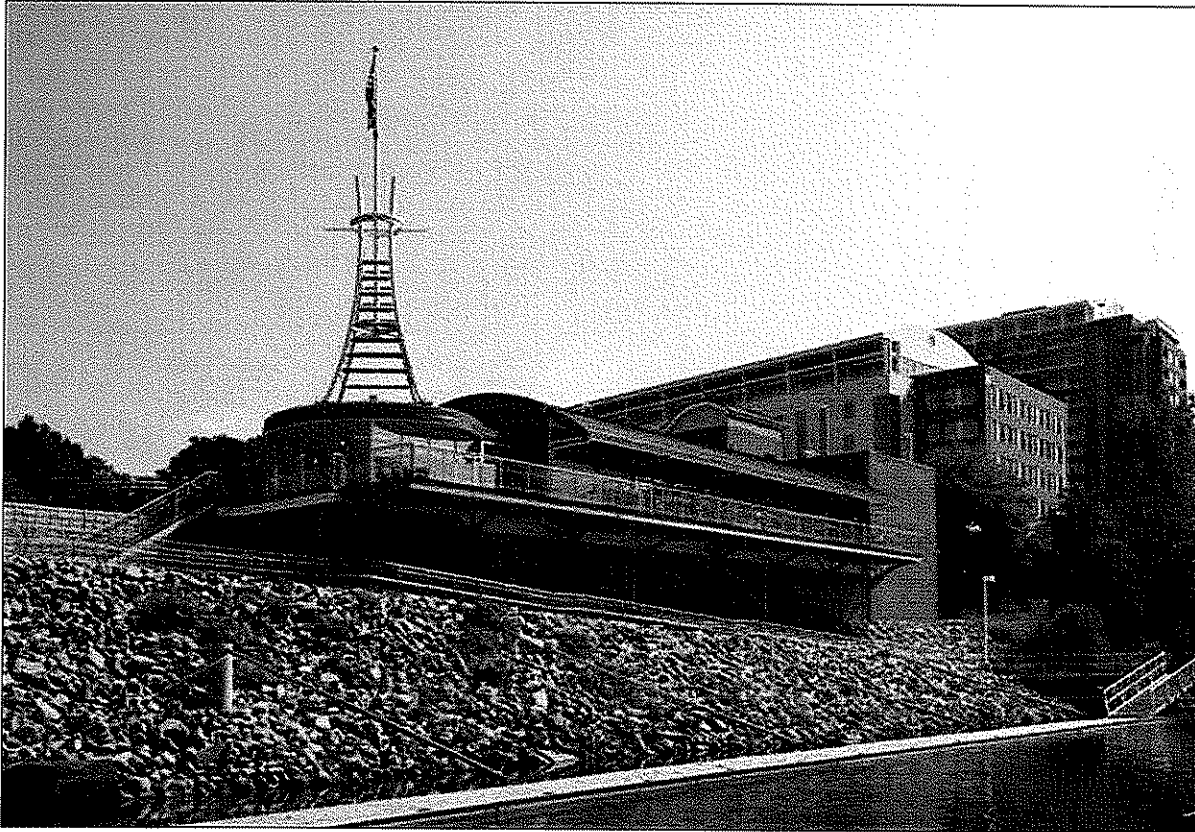
Contractor: The March-Westin Company





Waterfront Marina and Boathouse Bistro

Morgantown, West Virginia



A marina featuring the Boathouse Bistro restaurant on the top level offers public boat docking situated on the Monongahela River in Morgantown's Wharf District. The lower level of the facility is home to West Virginia University's Crew team.

2007 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Marina Owner: City of Morgantown
Boathouse Bistro Owner: Robert Wong

Design Architect: Paul A. Walker, AIA
Project Manager: David H. Snider, AIA
Project Architect: Grant T. Gramstad, AIA

Completed: Summer 2007
Cost: \$4.2 Million
Size: 8,660 Square Feet

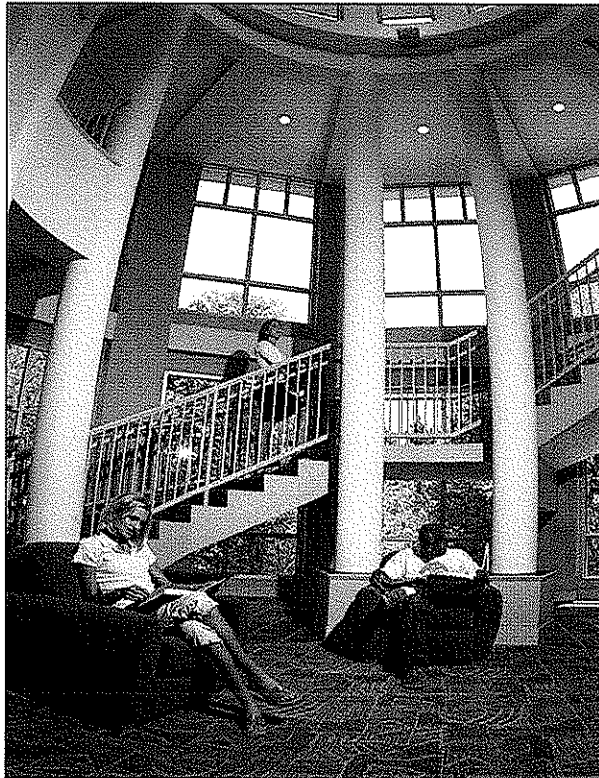
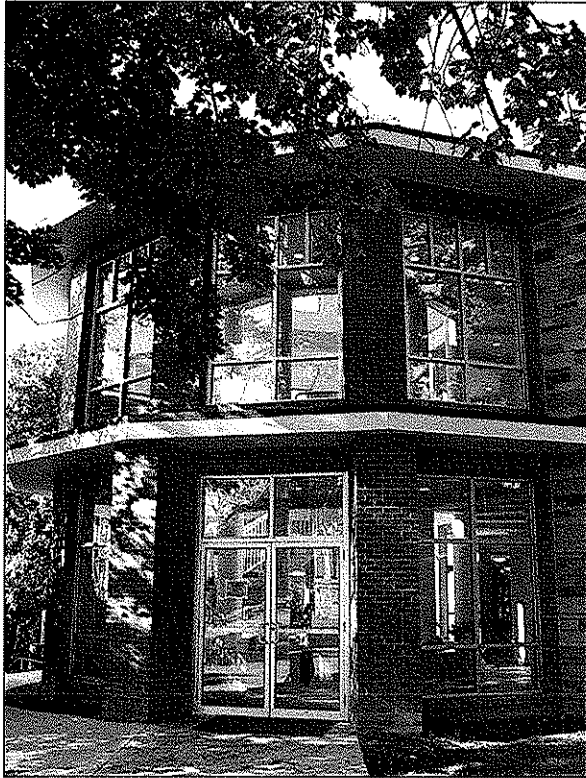
Contractor: The March-Westin Company





Davis and Elkins College Madden Student Center

Elkins, West Virginia



A renovation of the existing Benedum Hall, which included the addition of this rotunda as a vertical transition element. The project includes a main dining hall, private dining rooms, a café, and the Madden Student Center. The Madden Student Center includes a game room, college bookstore, lounge, post office, and the college radio station. This was a design-build project with the contractor.

2004 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Owner: Davis and Elkins College

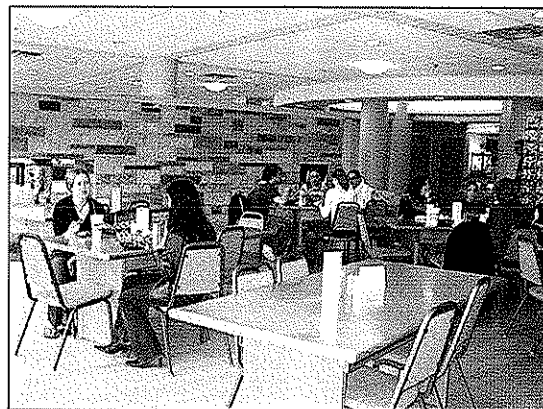
Design Architect: Paul A. Walker, AIA

Completed: Summer 2003

Cost: \$1.5 Million

Size: 16,000 Square Feet

Contractor: The March-Westin Company





Russell Medical Center Professional Office Building #3

Alexander City, AL



A new facility for doctors' suites and patient treatment. The hospital physical therapy department of 20,750 square feet occupies the ground floor. Physical Therapy will include (2) pools, treatment rooms, exams, (2) gyms, athletic training, locker rooms, staff offices, and support areas.

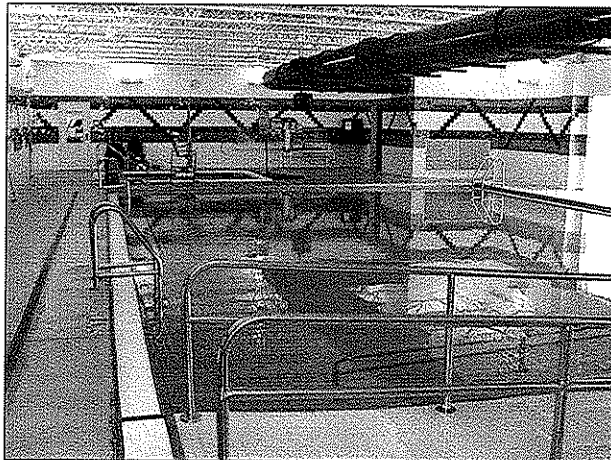
2004 Top Block Award from the Alabama Masonry Institute

Owner: Russell Medical Center

Project Manager: David H. Snider, AIA
Project Architect: Grant T. Gramstad, AIA

Completed: 2004
Cost: \$4.1 Million
Size: 46,510 Square Feet

Contractor: The Robins and Morton Group





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
DNR209057

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER
304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

Paradigm Architecture
2223 Cheat Rd, Suite 300
Morgantown, WV 26508

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T
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DIVISION OF NATURAL RESOURCES
PARKS & RECREATION SECTION
BUILDING 3, ROOM 719
1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV
25305-0662 304-558-2775

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/06/2008				

BID OPENING DATE:

12/09/2008

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXPRESSION OF INTEREST						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING EXPRESSIONS OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR LODGE EXPANSION AND PARK IMPROVEMENTS AT CACAPON RESORT STATE PARK LOCATED IN BERKELEY SPRINGS WV, PER THE ATTACHED SPECIFICATIONS.						
TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WEST VIRGINIA PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIS EMAIL AT FRANK.M.WHITTAKER@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS NOVEMBER 21, 2008 AT 3:00 PM. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE.						
QUESTIONS CONCERNING THE PROCESS BY WHICH A VENDOR MAY SUBMIT AN EXPRESSION OF INTEREST TO THE STATE OF WEST VIRGINIA ARE NOT CONSIDERED TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING DATE AND TIME.						
EXHIBIT 10						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE  TELEPHONE (304) 284-5015 DATE 12/05/2008
TITLE President FEIN 63-1263568 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
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

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PAGE

2

ADDRESS CORRESPONDENCE TO ATTENTION OF

FRANK WHITTAKER
804-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

Paradigm Architecture
2223 Cheat Rd, Suite 300
Morgantown, WV 26508


DIVISION OF NATURAL RESOURCES
PARKS & RECREATION SECTION
BUILDING 3, ROOM 719
1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV
25305-0662 304-558-2775

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/06/2008				

BID OPENING DATE:

12/09/2008

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NOS. :						
NO. 1		X				
NO. 2						
NO. 3						
NO. 4						
NO. 5						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.						
VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.						
SIGNATURE						
Paradigm Architecture.....COMPANY						
December 5, 2008.....DATE						
REV. 11/96						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATI-						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE (304) 284-5015	DATE 12/05/2008
TITLE President	FAX 63-1263568	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
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFO NUMBER
DNR209057

PAGE
3

ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER 304-558-2316

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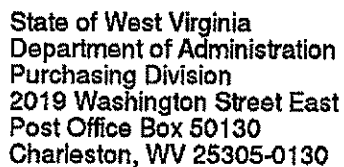
TYPE NAME/ADDRESS HERE

Paradigm Architecture
2223 Cheat Rd, Suite 300
Morgantown, WV 26508

DIVISION OF NATURAL RESOURCES
PARKS & RECREATION SECTION
BUILDING 3, ROOM 719
1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV
25305-0662 304-558-2775

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS		
11/06/2008						
BID OPENING DATE: 12/09/2008		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UQP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
CALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.						
REV. 1/2005						
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER: 44						
REQ. NO.: DNR209057						
BID OPENING DATE: 12/09/08						
BID OPENING TIME: 1:30 PM						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
Paul A. Walker (304) 284-5014						
PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE		TELEPHONE		DATE		
		(304) 284-5015		12/05/2008		
TITLE President		FAX 63-1263568		ADDRESS CHANGES TO BE NOTED ABOVE		

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RFQ NUMBER
DNR209057

PAGE 4

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804-558-2316

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CHARLESTON, WV
25305-0662 304-558-2775

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/06/2008				

BID OPENING DATE:

12/09/2008

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
CONCERNING THIS QUOTE:						

***** THIS IS THE END OF RFQ DNR209057 ***** TOTAL:						_____

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	(304) 284-5015	12/05/2008

TITLE	President	FEIN	63-1263568
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ADDRESS CHANGES TO BE NOTED ABOVE

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

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: 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.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

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

Vendor's Name: Paradigm Architecture

Authorized Signature:  Date: December 5, 2008



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

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1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV
25305-0662 304-558-2775

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
12/01/2008				

BID OPENING DATE: 12/09/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 *****						
THIS ADDENDUM IS ISSUED TO PROVIDE THE ATTACHED VENDOR TECHNICAL QUESTIONS, AND AGENCY RESPONSES.						
BID OPENING DATE AND TIME REMAIN: 12/09/08 AT 1:30 PM						
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
***** THIS IS THE END OF RFQ DNR209057 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE				TELEPHONE	(304) 284-5015	DATE 12/05/2008
TITLE	President	FEIN	63-1263568	ADDRESS CHANGES TO BE NOTED ABOVE		

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

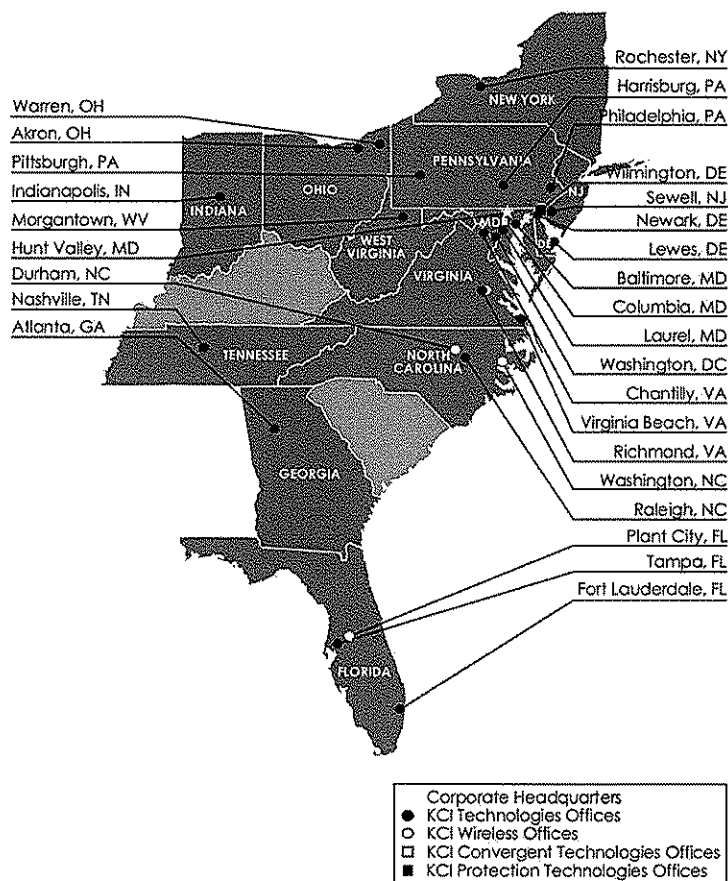


FIRM PROFILE

Introduction to KCI Technologies, Inc.

Early Corporate History – KCI Technologies, Inc. traces its corporate history to a Baltimore firm founded in 1955. In the early-1970s, the firm along with a number of other privately held engineering companies joined Kidde, Inc., and became known in 1978 as Kidde Consultants, Inc. During the 1980s, Kidde Consultants opened additional offices in Maryland, Delaware, Virginia, and Pennsylvania.

Employee Ownership – In August 1987, Hanson Trust, PLC, of Great Britain—a manufacturing company with diversified holdings, worldwide-purchased Kidde, Inc. Soon after, Kidde Consultants initiated negotiations with Hanson for an employee buyout, which was completed in December 1988, creating Maryland's largest employee-owned company. The firm officially changed its name to KCI Technologies, Inc., in 1991 and relocated its headquarters to Hunt Valley, Maryland in 1993.



With revenues of \$142 million in 2007, the *Engineering News Record* has consistently placed KCI among the top consulting engineering firms in the country. Today, our roughly 1,000 employee owners operate out of 28 offices in 13 states--Delaware, Florida, Georgia, Indiana, Maryland, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, and West Virginia—and the District of Columbia.

Technical Expertise – With a professional staff of engineers, planners, scientists, surveyors, and construction managers, we offer a broad range of engineering services, including civil, structural, transportation, environmental, hazardous waste, mechanical, electrical, telecommunications, and soils. But engineering is not all we do. We also provide cultural and environmental resource management services, land planning and landscape architecture, geology, hydrology, ecology, surveying, and construction management and inspection. All of our service lines are supported by a team of CADD operators, GIS specialists, database and Web programmers, and other computer-savvy professionals working on state-of-the-art equipment.

At KCI, we believe that our broad technical expertise, combined with our unique commitment as employee owners, has enabled us to emerge as industry leaders whose customers can count on excellent service time and again.



ROBERT R. MILNE, PE

Division Chief E-VIII, Senior Associate

Education:

BS / 1990 / Civil Engineering / West Virginia University

MS / 1999 / Civil Engineering / West Virginia University

Registration:

PE / PE / WV / 014177

PE / PE / PA / PE061465

Years Experience: 18

Years with KCI: 6

Experience:

Mr. Milne is the Division Chief in KCI's Morgantown, West Virginia office where this contract will reside. He is responsible for the offices' daily operation, supervision of staff, and management of large projects. Mr. Milne is also experienced in civil/site design, utilities and buildings as well as roadway and storm sewer design; highways, bridges, traffic studies; construction administration and inspection. His experience includes:

West Virginia University Architectural and Engineering Open End. Morgantown, WV. Division Chief/Project Manager. KCI was awarded an open end contract to provide multi-disciplined engineering services to the West Virginia University. **Work Order No. 1** - KCI performed a structural assessment of the Summit Hall Parking Garage along Grant Street. **Work Order No. 2** - KCI performed a structural analysis of the Evansdale Library. **Work Order No. 3** - KCI provided the University with Structural Engineering and Drafting Services associated with the design of a replacement wood deck and support beams for the Percival Hall Pedestrian Bridge. **Work Order No. 4** - KCI provided the University with complete design services for the reconstruction of the East Wall of the Coliseum Tunnel which is in current need of repair.

New Northside Fire Station. Morgantown, WV. Division Chief/Project Manager. KCI is a sub-consultant to Bignell Watkins Hasser for the proposed North Side Fire Station for the City of Morgantown. This project is currently under construction. KCI is responsible for overall site design, access roads, utility lines, sidewalks, landscaping, drainage, storm water retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting.

WVU Downtown Student Housing Project. Morgantown, WV. Division Chief/Project Manager. KCI is a sub-consultant to Paradigm Architecture for the proposed Downtown Student Housing Project. This project is currently under construction. KCI is responsible for overall site design, courtyard, utility lines, sidewalks, drainage, storm water retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting.

The Dayton. Morgantown, WV. Division Chief/Project Manager. KCI is a sub-consultant to Paradigm Architecture for the proposed Dayton. The Dayton is a new 3 story modular building with one level of parking and retail space below located at the corner of Ridgeway Avenue, Dayton Street and Richwood Avenue in Morgantown, WV. KCI is responsible for overall site/civil design, water lines, sanitary sewer, general utility coordination, site/civil permitting and erosion and sediment control.

Harpers Ferry National Park Historic Train Station. Harpers Ferry, WV. Division Chief/Project Manager. KCI was sub-consultant to a national design/build contractor to provide electrical, site/civil, and structural engineering support services for this Historical Renovation project. KCI was responsible for designing a 92 space parking lot, sidewalks and lighting at the Historic Harpers Ferry Train Station. In order to meet the deadlines of our client this project was placed on a fast track schedule. The preliminary and final design of the parking lot was completed in less than a month.



JOHN W. RUDMANN, PE

Senior Civil Engineer

Education:

BS / 1995 / Civil Engineering / West Virginia University

BS / 1992 / Landscape Architecture / West Virginia University

Registration:

PE / PE / PA / PE062150

PE / PE / WV / 14779

PE / PE / MD / 200442

RLA / RLA / PA / LA001741

RLA / RLA / MD / 1177

Years Experience: 13

Years with KCI: 1

Experience:

Mr. Rudmann is a civil engineer and a landscape architect with experience in performing roadway design, project planning, site development, road rehabilitation and repair, landscape and streetscape design, and trail and park projects. He has been a project manager and a design engineer. He has effectively managed staff to complete large fast paced highway projects as well as managed small trail and park projects. He has completed all the design tasks associated with transportation projects and is proficient with all the computer software.

Morgantown Event Center and Parking Garage. Morgantown, WV. Senior Design Engineer. KCI is a sub-consultant to Paradigm Architecture for the new Morgantown Event Center and Parking Garage, located in the Wharf District of Morgantown. KCI is providing site/civil engineering and landscape architecture services for this design-build project.

New Northside Fire Station. Morgantown, WV. Senior Design Engineer. KCI is a sub-consultant to Bignell Watkins Hasser for the proposed North Side Fire Station for the City of Morgantown. This project is currently in the final design phase. KCI is responsible for overall site design, access roads, utility lines, sidewalks, landscaping, drainage, storm water retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting. Mr. Rudmann was responsible for the overall design of all site/civil services. Final construction documents will be completed in April 2008.

WVU Downtown Student Housing Project. Morgantown, WV. Senior Design Engineer. KCI is a sub-consultant to Paradigm Architecture for the proposed Downtown Student Housing Project. This project is currently under construction. KCI is responsible for overall site design, courtyard, utility lines, sidewalks, drainage, storm water retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting. Mr. Rudmann was responsible for the overall design of all site/civil services.

USDA/GSA Building. Morgantown, WV. Project Manager. KCI is a sub-consultant to Paradigm Architecture for the new USDA/GSA Building in Sabarton. KCI is providing site/civil engineering services for this design-build project.

Prior to KCI:

Center St. & Philadelphia Ave. Park / Trail / Parking Area Project. Bridgeport, WV. Project Manager. Responsible for designing a 2,000' trail, 2 parking lots, an active and passive recreational area, and creatively obtaining additional parking for the downtown area. John created four conceptual design alternatives along with the corresponding cost estimates.



TIMOTHY MILLER

Senior Associate

Education:

BS / 1980 / Civil Engineering / Pennsylvania State University

AS / 1978 / Civil Engineering Technology / Community College of Allegheny County

Years Experience: 29

Years with KCI: 9

Experience:

Mr. Miller is a Project Manager with KCI's Laurel, Maryland office. He has been involved in numerous projects where his responsibilities have included plans, specifications, cost estimates, and management for projects involving residential subdivisions; military and DOD facilities; commercial and industrial facilities; educational, health, and institutional installations; and roads and highways. These projects have involved site development plans, stormwater management, drainage, erosion and sediment control plans, grading, and utilities. His experience also includes preliminary plans and the processing of residential subdivisions. Relevant project experience includes:

Civil and Structural Design Engineering Services for the University of Maryland. College Park, MD. *Civil Engineer.* KCI was selected to provide civil and structural design engineering services to the University of Maryland on an on-call basis. Task assignments have included renovation of Ludwig Field's natural sand based turf field, renovations to the campus golf course, design of a new golf course pavilion, and reconstruction of the MFRI shop facility.

Design of a New Wellness Center and Pool Complex. Leonardtown, MD. *Civil Engineer.* Provided engineering design of stormwater management, sediment and erosion controls, roadway layout and site grading. KCI provided surveying, civil/site engineering design and construction of the 32,000 SF facility housing an exercise facility, two pools, studios and classrooms.

General Engineering and Landscape Architectural Services. Prince George's County, MD. *Project Manager.* KCI has provided full service engineering, surveying, and landscape architectural services to MNCPPC on multiple parks for eight years under several consecutive contracts. Projects have included trail design, stormwater management design, parking lot design, historic structure stabilization and relocation, and park improvements. Old Fort Hills Park. Design of a 28 space parking lot for a community park, storm water quality facility, grading, sediment control, landscaping, and specifications. Colmar Manor Community Park. Plans and specifications, including grading, soil erosion and sediment control plans for proposed improvements of the temporary de-watering basin, stockpiling of dredge spoil, and ingress and egress from the lower access road into the de-watering area.

Falcon Crest Community Center. Owings Mills, MD. *Civil Engineer.* The Falcon Crest Apartment Community Located in Baltimore County, Maryland was built in the 1970's without the amenity of a community building for use of the tenants. KCI provided site planning to place a new 4,500 square foot, one story community building within an existing townhouse apartment complex and on an existing parking area. KCI provided topographic survey of the area; prepared water, sewer and storm drain plans; designed an underground stormwater management facility (sand filter), a water recharge area, site and grading plans, erosion and sediment control plans and landscape plans and details. Other services include construction inspection and concrete testing, "as-built" site and utility surveys, assisting the client in obtaining local jurisdictional approval and permits.



CIVIL DESIGN ENGINEERING SERVICES FOR THE UNIVERSITY OF MARYLAND

College Park, MD

Client: University of Maryland at College Park
Contact: Dick Poley
(301) 405-0230

Highlights:

KCI was selected to provide civil and structural engineering services under an open end contract with the University. KCI's staff of civil, structural, and geotechnical engineers, surveyors, and landscape architects have provided services on the following task assignments:



Golf Course Pavilion – KCI is providing site/civil engineering, surveying, and utility locating services to aid in the design of a new pavilion on the University's golf course. KCI will provide site grading, sediment & erosion control, foundation and slab design, and water & sewer services to serve the pavilion. KCI's engineers will develop the construction sequencing for the project and process all necessary permits.

KCI's engineers will review existing drawings and reports regarding the site and complete a site visit. During the site visit, our engineers will verify existing conditions, develop field sketches, confirm existing above grade topographic surface features, and identify existing utilities that might need to be relocated. KCI's surveyors will then complete field work including setting horizontal and vertical control, preparing a topographic survey, and locating utilities. All survey work will be completed with the use of GPS survey techniques. The information gathered by the site visit and survey will be compiled into a base map to be used for site design.

Golf Course Renovation – KCI is providing site/civil, structural, and geotechnical engineering, environmental planning, and surveying services in support of the renovation of the University of Maryland Golf Course. Renovations include relocating several holes to either lengthen or shorten the hole, relocating fairways and cart paths, and installation of timber bridges throughout the course.

KCI's engineers will review existing drawings and reports and complete a site visit. During the site visit, our engineers will verify existing conditions, develop field sketches, confirm existing above grade topographic surface features, and identify existing utilities that might need to be relocated. KCI's subconsultant will attend the site visit and verify existing wetlands.

KCI's surveyors will complete field work including setting horizontal and vertical control, preparing a topographic survey, locating utilities, and flagging wetlands. All survey work will be completed with the use of GPS survey techniques. The information gathered by the site visit and survey will be compiled into a base map to be used for site design.

KCI's subconsultant, Straughn Environmental Services (SES), will complete a wetland delineation and permitting for nontidal wetlands and waterways. SES staff will complete a field investigation and identify wetland areas to be flagged. A Joint Federal/State Application for the Alteration of any Floodplain, Waterway, Tidal, or Nontidal Wetland will be prepared based on the result of their findings and the final design of the golf course renovations. SES will also coordinate with USFWS and MDE regarding rare, threatened, or endangered species if necessary.

KCI's site engineers, working with the golf course architect, will develop construction documents for the renovations. KCI will review the proposed renovations and design stormwater management facilities and erosion and sediment control plans. KCI's structural engineers will review the designs for the timber bridges. KCI's landscape architects will prepare a detailed Forest Stand Delineation, a Natural Resources Inventory, and a Forest Conservation Plan for the areas impacted by the renovation.

KCI will assist the University during the bid and construction administration phases of the project as necessary.



GOLF COURSE PONDS

Various Locations, MD

Client: Chesapeake Environmental Management

Contact: Stephanie Novak Hau
(410) 893-9016

Highlights:

As a subconsultant to Chesapeake Environmental Management, Inc., KCI provided engineering and inspection services at five golf courses in Montgomery, Howard and Baltimore Counties. The Montgomery County Revenue Authority needed to address dam safety concerns at three of their golf courses - Rattlewood, Falls Road, and Poolesville. Additionally, they needed to investigate the potential for increasing the availability of water at each course for irrigation. The following describes in more detail the work performed by KCI:



Falls Road Golf Course. KCI performed a site inspection of the existing lake on the golf course property in response to comments made by MDE resulting from their periodic dam inspections and prepared a brief memorandum of findings. KCI performed a detailed field survey of the pond embankment and a TV camera inspection of the barrel and riser structure for the pond. The results of these inspections were used to make recommendations for remedial actions at the pond.

KCI also prepared a hydrologic analysis, which included the development of a drainage area map, TR-55 worksheets, and a TR-20 model. Additionally, a detailed dam breach analysis using HEC-1 was performed at the request of MDE, which identified the pond as a high hazard dam. The breach analysis included a point of first entry survey to identify homes affected by a dam breach. The result of the hazard class determination was the need to armor the existing embankment with articulated concrete blocks in conjunction with the addition of a toe drain to address seepage issues. KCI prepared the design and construction documents for this work. Erosion and sediment control and permitting for constructing the project was also performed.

The overall golf course project also required that KCI perform an H&H analysis using TR-20, HY-8, and HEC-RAS to assess the impact of a proposed golf cart bridge. KCI also prepared the Floodplain District Permit for the proposed golf cart bridge. It was also necessary for KCI to prepare the closed storm drain design, profile, and specifications for the extension of an existing on-site storm drain pipe.

Rattlewood Golf Course. KCI performed a site inspection of the existing lake on the golf course property in response to comments made by MDE resulting from their periodic dam inspections and prepared a brief memorandum of findings. KCI performed a detailed field survey of the pond embankment and a TV camera inspection of the barrel and riser structure for the pond. The results of these inspections were used to make recommendations for remedial actions at the pond.

Poolesville Golf Course. KCI performed a site inspection of the existing lake on the golf course property in response to comments made by MDE resulting from their periodic dam inspections and prepared a brief memorandum of findings. The results of these inspections were used to make recommendations for remedial actions at the pond, which was to armor the exit channel from the pond spillway to address erosion concerns. KCI also prepared a hydrologic analysis, which included the development of a drainage area map, TR-55 worksheets, and a TR-20 model.



MUSKET RIDGE GOLF CLUB

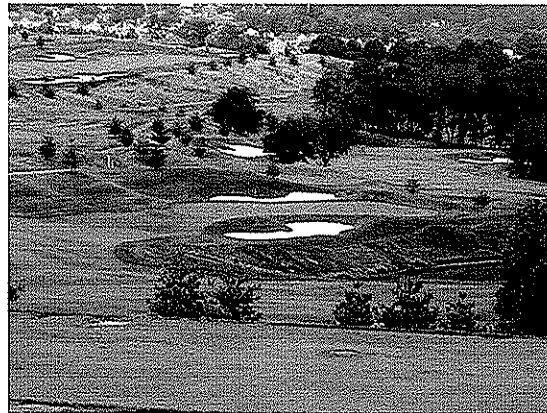
Myersville, MD

Client: Mercantile Safe Deposit Trust Company

Contact: Ora Stokes
(410) 347-8319

Highlights:

KCI provided construction management and inspection services for the construction of a new 9-hole golf course in Millersville, Maryland. Aspects of this project involved construction of fairways, greens, ponds, sand traps, drainage, transfer water lines, pumping station, irrigation, new wooden bridge over upper pond, parking lot, entrance roadway, cart paths, maintenance shed and clubhouse.



Because the site was bordered by heavily wooded and steeply sloped areas, sediment and erosion control measures were critical during construction. These measures included silt fencing, sediment traps, earthen dikes, storm flow channels and fencing. KCI closely inspected the condition and extent of the installed sediment and erosion controls to ensure they met contract requirements. KCI also closely watched for any unanticipated erosion problems following construction and seeding of holes.

The sequence of construction started with bulk excavation, followed by rough shaping of each hole. However, before drainage, piping and grassing were installed, the architect needed to approve the grading of each hole. These periodic visits of the architect sometimes involved minor slope revisions to a hole if it was deemed to improve the play of the hole. KCI's inspector ensured that runoff flow patterns were maintained as the grading proceeded.

The sequencing of topsoil replacement, fine grading, seedbed preparation and grassing was established so that the contractor would be able to complete grassing one hole per day.

The new maintenance shed was placed into an existing embankment area, causing the need for excavation. The pre-engineered steel building was finished with drywall, HVAC, tile, carpet, roll-down doors, plumbing and painting. Prior to building the new clubhouse, which was still being designed during the construction of the golf course greens, a temporary clubhouse was put to use in the interim.





WESTERN REGIONAL PARK

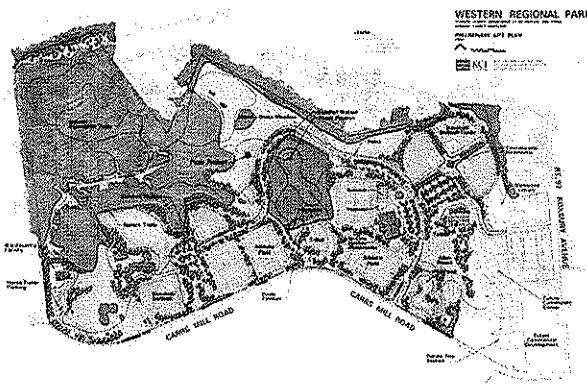
Howard County, MD

Client: Howard County Department of Public Works
Bureau of Engineering

Contact: Joseph Kidwell
(410) 313-6153

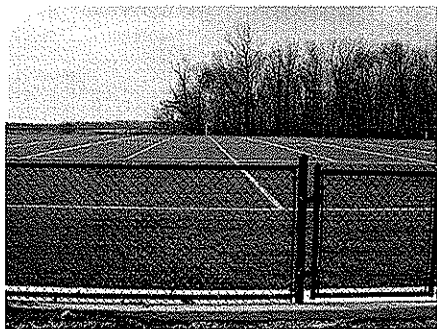
Highlights:

In many regions of the State of Maryland, suburban development outpaces a County's capacity to develop adequate recreational facilities. The Howard County Department of Recreation and Parks is trying to rectify this situation in the western part of its county with the development of Western Regional Park. Howard County Department of Recreation and Parks contracted with KCI Technologies in 2000 to plan a 190-acre regional park that would provide the community with sports fields and a variety of recreational venues while retaining the rural aesthetics of the existing site and surrounding area. Over the past six years, KCI has provided a scope of services to the county that includes: environmental engineering, surveying, geotechnical engineering, storm water management design, hazardous waste services, construction document preparation, and landscape architecture.



The 190-acre rural property located on Carrs Mill Road about 1/4-mile west of the intersection of Carrs Mill Road and MD Route 97 is accessible from both Carrs Mill Road and the Glenwood Center on MD Route 97. The site afforded Howard County an opportunity to create a premier park that not only would provide for the recreational needs of the community, but would also preserve the rural landscape unique to the area. The Park provides an excellent transition between the Glenwood Center and the rural properties west of the park. The pastoral site also provides panoramic views of the rural landscape to the west along Carrs Mill Road.

The proposed park's combination of rolling fields and forested hills provides a landscape character that can be both a recreational and educational experience to park patrons. The newly added enhancements to the landscape of the park were put in place to reinforce the park's natural beauty so that the park could be enjoyed by passing motorists as well as future park users. KCI's landscape architects attempted to blend in modern outdoor amenities without eliminating the rural feel of the countryside. Preserving the pastoral character of the site, while meeting the Master Plan's extensive recreational program requirements, was essential to developing a successful park. KCI, as the prime consultant for the project,



provided civil, structural, environmental, and geo-technical engineering for the project, along with surveying and planning services. KCI's sub-consultants provided both architectural and MEP services.



HARPER'S FERRY NATIONAL PARK HISTORIC TRAIN STATION

Harpers Ferry, WV

Client: Lumus Construction

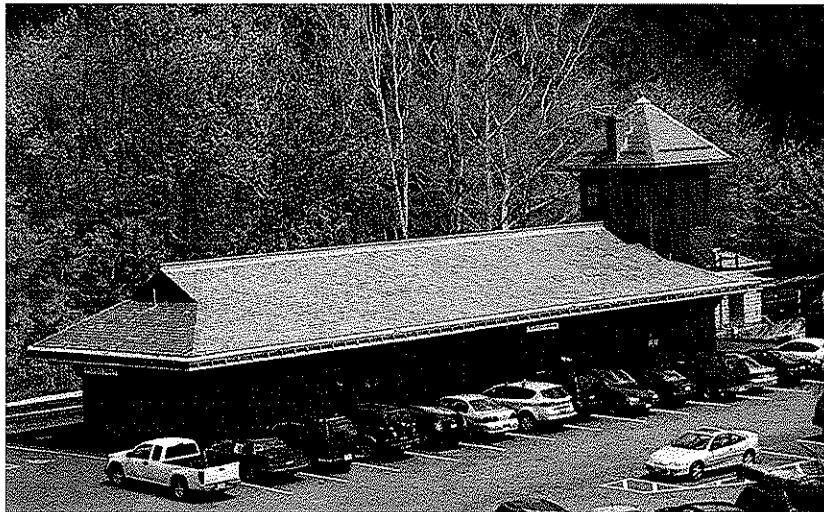
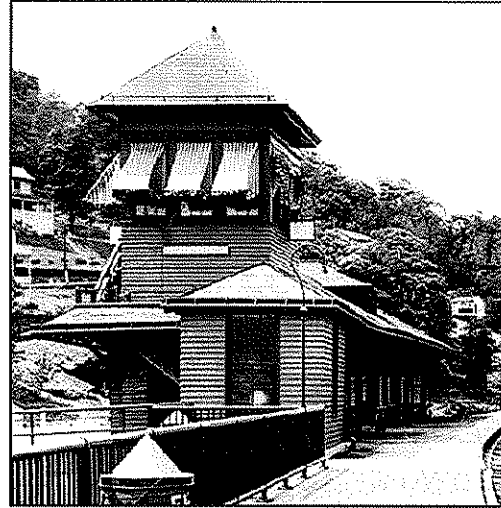
Contact: Sumul Shah
781-935-5600

Highlights:

KCI Technologies was subcontracted to a national design/build contractor to provide electrical, site/civil, and structural engineering support services for this Historical Renovation project.

In addition to addressing the maintenance, safety and accessibility issues, improving the general appearance of the parking lot was also a major concern from the onset of the project. Included in these general improvements were: improving the pedestrian and vehicular circulation, addressing water ponding and drainage issues, improving the appearance of the Train Station and parking lot from the street and reducing the overall impact to resources. Other issues that were identified during the design process included the impact of the parking lot construction to rail commuters and visitors to Harpers Ferry, the impact to local business and the overall impact to the Town of Harpers Ferry. Since the town of Harpers Ferry has been encouraging tourism and the development of more business along Potomac Street, a more attractive, safer parking lot that provides better access is expected to go a long way to help support their goals, as well.

Pursuant to the requests of the client this project was placed on a fast track schedule, in order to meet the deadlines of our client. The Preliminary and Final Design of the parking lot was completed in less than a month. Coordination with the contractor was a critical issue in this project as the design had to be ready for construction, quickly so that the disruptions to the 92 commuters who use the lot on daily basis would be minimal. KCI and the contractor coordinated the schedule with the National Park Service to avoid any major delays during design and construction. The contractor was permitted to close the parking lot to commuters for a 2 week period to construct the new parking lot. Construction of the new lot started on time and the NPS was able to re-open the new parking lot back to commuters within the two week time frame.





GOLF COURSE EXPERIENCE

University of Maryland Golf Course
Alpha Ridge Golf Course
Falls Road Golf Course
Forest Park Golf Course
Musket Ridge Golf Course
Odessa National Golf Course
Pine Ridge Golf Course
Pine Ridge Golf Course
Poolesville Golf Course
Rattlewood Golf Course
Selby Property, Route 32 Feasibility Study
Sparrows Point Country Club Golf Cart Bridge Replacement
Wakefield Valley Golf Club
Wakefield Valley Country Club
Mountain Branch Golf Course

STATE PARK AND RESORT EXPERIENCE

Greenbrier State Park, Washington County, MD
Greenwell State Park, St. Mary's County, MD
Rocky Gap State Park, Allegany County, MD
Susquehanna State Park, Harford County, MD
Wisp Resort, McHenry, MD

OTHER SIMILAR PROJECTS

Harper's Ferry Nation Park Historic Train Station
Wellness and Pool Complex, College of Southern Maryland
North Arundel Aquatic Center
Morgantown Event Center
Various Parks and Recreational Facilities



Allegheny
Design Services
Structural Engineering

102 Leeway Street
Morgantown, WV 26505
Phone: (304)599-0771
Fax: (304)599-0772
www.alleghenydesign.com



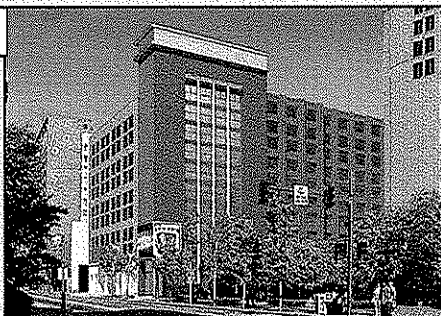
**CONSULTING ENGINEERING FIRM SPECIALIZING
IN STRUCTURAL BUILDING DESIGN
AND BUILDING ANALYSIS**

Allegheny Design Services is a consulting engineering firm specializing in structural building design and building analysis.

Dedicated to serving West Virginia and the surrounding region, ADS recognizes the need for reliable and full service structural engineering support. ADS provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction documents and specifications, and construction administration.

Over 20 years in Design and Project Management of:

- Commercial
- Industrial
- Institutional
- Educational Facilities



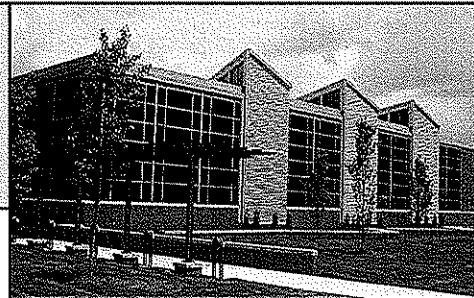
MIXED USE



**HOTEL
CONFERENCE CENTERS**



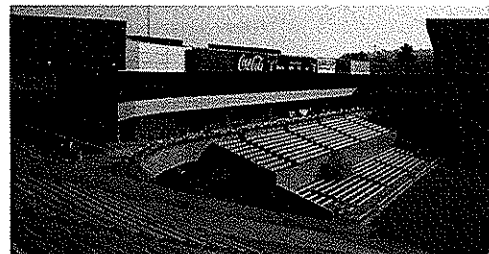
SECONDARY EDUCATION



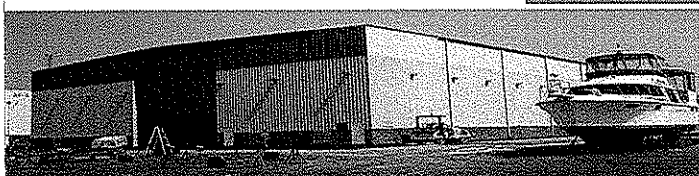
OFFICE BUILDINGS



PARKING GARAGES



ATHLETIC FACILITIES



METAL BUILDING SYSTEMS



HEALTH CARE



Allegheny
Design Services

Structural Engineering

102 Leeway Street

Morgantown, WV 26505

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E-mail: Dave@AlleghenyDesign.com

Web: www.AlleghenyDesign.com

FIRM PROFILE

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Dedicated to serving West Virginia and the surrounding region, ADS recognizes the need for reliable and full service structural engineering support. ADS provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction documents and specifications, and construction administration. We currently hold licenses in West Virginia, Virginia, Maryland, Pennsylvania, and District of Columbia.

ADS's experience exceeds twenty-five years in the Design and Project Management of:

Commercial Facilities

Industrial Facilities

Institutional Facilities

Educational Facilities

ADS was established by David Simpson, P.E., MBA, in 2002 as a result of a need in North Central West Virginia for reliable structural engineering services. ADS utilizes a combination of office technology and a motivated staff to deliver projects typically up to \$25 million in construction value. We have completed design work for over \$150 million in construction since our inception. Our clients include architects, contractors, developers, attorneys, and insurance companies.

Building systems delivered by ADS include structural steel, reinforced concrete, precast concrete, and structural timber. ADS currently utilizes the latest engineering design and drafting software for the development of project work.

ADS is covered under a \$1 million liability policy for errors and omissions through Beazley Insurance Company.



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Structural Engineering

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Phone: (304)599-0771
Fax: (304)599-0772
E-mail: Dave@AlleghenyDesign.com
Web: www.AlleghenyDesign.com

KEY PERSONNEL

David R. Simpson, P.E., SECB, MBA, President

West Virginia Institute of Technology, BSCE

West Virginia University, MBA

Structural Engineering Certification Board

P.E. Licenses in the following States:

West Virginia

Pennsylvania

Maryland

Virginia

District of Columbia

National Council of Examiners for Engineering and Surveying

Michael L. Sipe, E.I., Engineering Intern

West Virginia Institute of Technology, BS Mechanical Engineering

West Virginia University

Structural Analysis

Steel Design

Reinforced Concrete Design

Jason D. Robinson, E.I., Engineering Intern

West Virginia University, BS Civil Engineering



Allegheny

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David R. Simpson, P.E., SECB, MBA

President

Education:

West Virginia Institute of Technology
B.S. Civil Engineering

West Virginia University
Masters Business Administration

West Virginia State College
Architectural Technology

Professional Registrations:

Year first registered: 1983
Structural Engineering Certification Board
West Virginia
Pennsylvania
Maryland
Virginia
District of Columbia
National Council of Examiners for Engineering and Surveying

Professional Memberships:

American Society of Civil Engineers
Structural Engineering Institute, Charter Member
American Concrete Institute
American Institute of Architects – West Virginia Chapter
American Institute of Steel Construction, Inc.
American Iron and Steel Institute Member

Continuing Education:

2005 AISC Specification for Structural Steel Buildings – September 27, 2006 – Pittsburgh, PA
ASCE Testifying Skills for Engineers – February 16, 2007 – Orlando, FL

Professional Experience:

Responsible for project management and design at Allegheny Design Services. Experience includes over 24 years in structural design and project management for industrial, commercial, institutional, and nuclear/chemical facilities utilizing steel, concrete, masonry, and wood. Past accomplishments include design and construction administration of health care facilities, hotels, schools, shopping centers, aircraft hangars, numerous retail facilities, and numerous forensic engineering assignments. Experience has been obtained from the following assignments:

Experience Record:

Allegheny Design Services, LLC, President,	May 2002 to Present
R.M. Gensert and Associates, Vice President,	August 1998 to May 2002
West Virginia University, Assoc. Director Construction	August 1988 to August 1998
Simpson Engineering, Owner	August 1988 to August 1998
CECO Buildings Division, Senior Structural Engineer	April 1985 to August 1988
Rockwell International, Facility Structural Engineer	March 1982 to April 1985
Bellard Ladner & Assoc., Staff Structural Engineer	Sept. 1981 to March 1982
PPG Industries, Facility Structural Engineer	January 1980 to Sept. 1981

Additional Professional Experience:

Experience encompasses design, project management, and construction administration for reinforced concrete, structural steel, precast concrete, masonry, and wood structures.

Project experience includes:

Fairmont Senior High School, Fairmont, WV
Belmont Community Center, St. Clairsville, OH
Monongalia General Hospital Operating Room Addition, Morgantown, WV
Chestnut Ridge Church, Morgantown, WV
West Virginia University Business and Economics Building, Morgantown, WV
West Virginia University High Density Book Storage Facility, Morgantown, WV
West Virginia University Life Sciences Building, Morgantown, WV
West Virginia University Student Recreation Center, Morgantown, WV
West Virginia University Wise Library Addition, Morgantown, WV
West Virginia University White Hall Computer Center, Morgantown, WV
UPMC Hillman Cancer Center, Pittsburgh, PA
Carnegie Museum of Natural History Addition, Pittsburgh, PA
Cultural Trust District Parking Garage, Pittsburgh, PA
Delaware Valley Veterans' Home, Philadelphia, PA
Fairmont State University Parking Garage, Fairmont, WV
First Avenue Parking Garage, Pittsburgh, PA
Hillman Cancer Center (UPMC), Pittsburgh, PA
New Enterprise Precast Corporate Headquarters, New Enterprise, PA
Respironics Corporate Office Facility, Pittsburgh, PA
International Brotherhood of Electrical Workers Headquarters Training Center, Pittsburgh, PA
Laurel Highlands Middle School Addition, Uniontown, PA
Trinity High School, Morgantown, WV
Mylan Pharmaceuticals Parking Garage, Morgantown, WV
Phipps Conservatory Addition, Pittsburgh, PA
Radisson Hotel and Conference Center, Morgantown, WV
Western Pennsylvania School for Blind Children, Pittsburgh, PA
In-Situ Vitrification Nuclear Waste Encapsulation Project, Richland, WA
Dominion Transmission Office Building, Clarksburg, WV
Multiple structural evaluations and expert witness for structural damage due to subsurface mining
subsidence, floods, ice, wind, and construction errors
Over 400 low-rise metal building projects from Maine to South Carolina, including warehouses,
aircraft hangar facilities, shopping centers, industrial facilities, and office facilities.



Allegheny

Design Services

Structural Engineering

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Web: www.AlleghenyDesign.com

Michael L. Sipe, E.I.

Engineering Intern

Education:

West Virginia University Institute of Technology
B.S. Mechanical Engineering
Minor: Mathematics

Awards/Achievements/Organizations:

Deans List, last 4 completed semesters
Member of Pi Tau Sigma
Member of AISC
Associate Member of ASCE

Professional Registrations:

West Virginia, Engineering Intern License # 8519

Professional Experience:

Responsibilities include structural engineering design, construction documents, quality control, field engineering and project engineering.

Experience record:

Avery Court Apartments, Parkersburg, WV
Cutlip Christie Office Complex, Clarksburg, WV
Dominion Exploration Addition, Jane Lew, WV
Fairmont State University Smoke Vents, Fairmont, WV
Finite Element Analysis of Various Material Handling Structures
Gassaway Bank, Flatwoods, WV
Glenmark Office Building, Morgantown, WV
Greer Limestone Conveyor Structure Renovations, Morgantown, WV
Morgantown Event Center, Morgantown, WV
Pressley Ridge School Residence Hall & Dining Facilities, Clarksburg, WV
Proplex Athletic Training Facility, Morgantown, WV
Waterfront Marina, Morgantown, WV
West Milford Elementary School Classroom Addition, West Milford, WV
WVU Downtown Student Housing, Morgantown, WV
WVU Puskar Academic Center, Morgantown, WV

Courses and Continuing Education:

WVU Structural Analysis I, Spring 2006
WVU Steel Design, Fall 2006
WVU Reinforced Concrete Design, Spring 2007
AISC Design Steel Your Way with the 2005 AISC Specification, September 2006
ASCE Steel Framed Buildings, May 2007
AISC Façade Attachments to Steel Frames, September 2007
ASCE Reinforced Masonry: Design and Construction, November 2007



Allegheny
Design Services
Structural Engineering

102 Leeway Street
Morgantown, WV 26505
Phone: (304)599-0771
Fax: (304)599-0772
E-mail: Jason@AlleghenyDesign.com
Web: www.AlleghenyDesign.com

Jason D. Robinson, E.I.
Engineering Intern

Education:

West Virginia University
B.S. Civil Engineering

Awards/Achievements/Organizations:

Dean's List
Member of AISC
Associate Member of ASCE

Professional Registrations:

West Virginia, Engineering Intern License #8699

Professional Experience:

Responsibilities include structural engineering design, construction documents, quality control and field engineering.

Experience record:

Gabriel Brothers Renovation, Clarksburg, WV
Goshen Baptist Church, Morgantown, WV
Mylan Upper Warehouse to Labs, Morgantown, WV
The Dayton, Morgantown, WV
The View at the Park Phase 2, Morgantown, WV

Courses and Continuing Education:

WVU Steel Design – Fall 2007
AISC Façade Attachments to Steel Frames, September 2007
ASCE Reinforced Masonry: Design and Construction, November 2007



Allegheny
Design Services
Structural Engineering

PROJECT PROFILE

Glade Springs Hotel and Conference Center Daniels, WV



PROJECT ARCHITECT:
STRUCTURAL ENGINEER:
CONTRACTOR:

Paradigm Architecture, Morgantown, WV
Allegheny Design Services, Morgantown, WV
Alliance Construction Management, Princeton, WV

PROJECT SCOPE:

- 40,000 Sq. Ft. Hotel Wing
- 12,000 Sq. Ft. Conference Center
- 2,000 Sq. Ft. Porte Coche

PROJECT VALUE: \$5 Million

PROJECT COMPLETION: 2005



Allegheny
Design Services
Structural Engineering

PROJECT PROFILE

Lakeside Physical Therapy Morgantown, WV



PROJECT ARCHITECT:	Omni Associates, Fairmont, WV
STRUCTURAL ENGINEER:	Allegheny Design Services, Morgantown, WV
CONTRACTOR:	March-Westin Company, Inc., Morgantown, WV

PROJECT SCOPE:

- The First floor of the building houses Lakeside Physical Therapy. It is roughly 8,700 sq. ft. of offices, treatment rooms, a gym area with separate aerobic area, a hydrotherapy room, and an endless pool.
- The Second floor houses 5,000 sq. ft. of offices, treatment rooms, a cast room and an x-ray room.

PROJECT VALUE: \$1.4 Million

PROJECT COMPLETION: June 2006



Allegheny
Design Services
Structural Engineering

PROJECT PROFILE

Waterfront Place Hotel & Conference Center



PROJECT ARCHITECT:	Paul Walker, Paradigm Architecture, Morgantown, WV
STRUCTURAL ENGINEER:	David Simpson of Allegheny Design Services, Morgantown, WV
OWNER:	Platinum Properties, Inc.
CONTRACTOR:	March-Westin Company, Inc., Morgantown, WV
STEEL FABRICATOR:	Contracting Engineering Consultants, Morgantown, WV

PROJECT FEATURES:

- 17 story structural steel, deep foundations
- 300,000 sq. ft. facility
- Conference Center Wing

PROJECT VALUE: \$33 Million

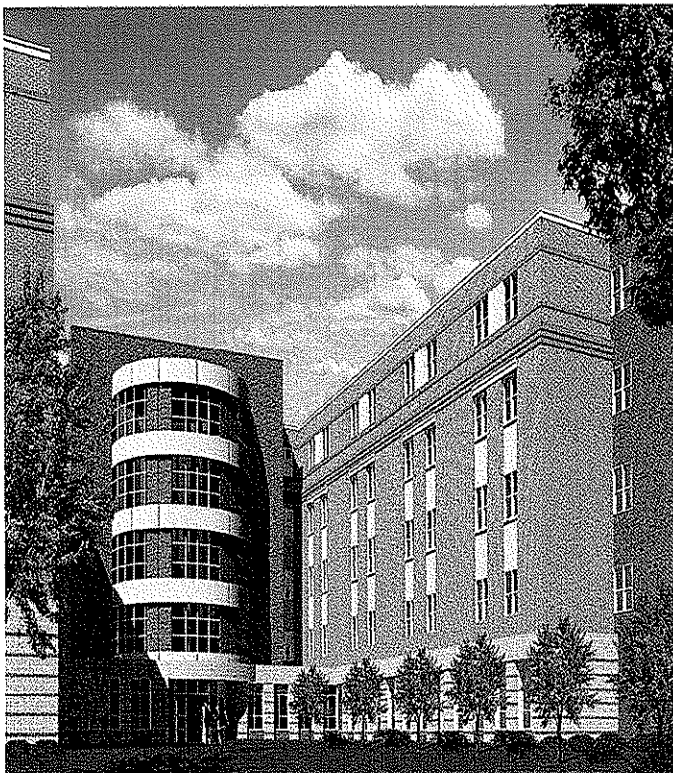
PROJECT COMPLETION: 2003



Allegheny
Design Services
Structural Engineering

PROJECT PROFILE

West Virginia University Downtown Student Housing Morgantown, WV



PROJECT ARCHITECT:
STRUCTURAL ENGINEER:
CONTRACTOR:

Paradigm Architecture, Morgantown, WV
Allegheny Design Services, Morgantown, WV
TEDCO Construction, Carnegie, PA

PROJECT SCOPE:

A five story, 90,000 square foot new student housing building will accommodate 360 residents. The design includes apartments for Resident Hall Coordinators and Resident Facility Leaders, a multi-purpose room, laundry facility, administrative offices, and space for fellowship advising, and honors college administration.

PROJECT VALUE: \$17.65 Million

PROJECT COMPLETION: Summer 2009

At Tower Engineering, our goal is not to just meet our clients' needs....but to exceed their expectations.

Tower Engineering has been providing innovative mechanical and electrical engineering solutions and unparalleled client service since 1931.

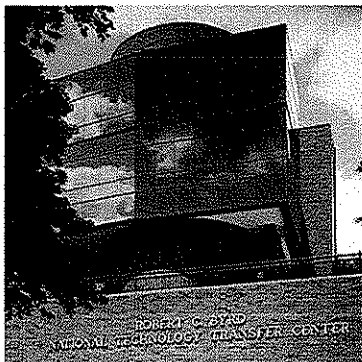
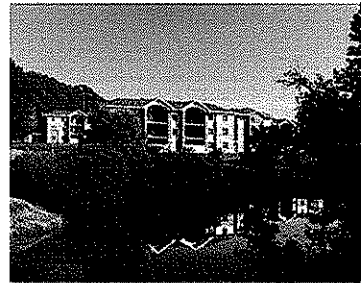
Primary markets of the firm include educational, health care, environments for the aging, and commercial renovations and new construction.

Tower Engineering's highly-trained staff of project managers, designers, and technical support personnel is capable of providing consulting services for every type of project - from a small, single-family residence to a high tech research facility incorporating redundant mechanical and electrical systems, DDC energy management and thermal storage.

Our engineers utilize state-of-the-art computer software programs for the design of lighting, electrical power and mechanical systems. Lighting analysis includes point-by-point calculations, ESI analysis, exterior lighting analysis, and life cycle cost comparisons. Electrical power analysis includes fault current and load flow analysis.

Mechanical analysis includes energy economy analysis, thermal storage analysis, heating and cooling load calculations, refrigerant piping design, water piping design, and ductwork design.

Our professional staff utilizes computer selection of air handling units, coils, pumps, terminal devices, fans, cooling towers, chillers, heat exchangers, kitchen hoods, hydronic and steam specialties, humidification equipment and heat recovery equipment.



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Tower Engineering

Specific Engineering Services

HVAC

- Heating and cooling system design
- Ventilation system design
- Building automation systems
- Control systems and energy monitoring
- Geothermal heat pumps
- Heat recovery systems
- Kitchen and laboratory exhaust systems
- Smoke evacuation systems
- Computer room environmental control systems
- Building commissioning services

Electrical

- Interior and exterior lighting design and studies
- Lighting controls
- Primary and secondary voltage power distribution systems
- Fire detection and alarm systems
- Computer data and power systems
- Uninterruptible power supply systems
- Reinforced and masking sound systems
- Lightning protection systems
- Fault current studies
- System over-current protection coordination

Telecommunications

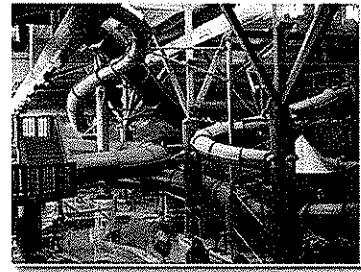
- Voice communication systems
- Data network systems

Plumbing

- Water resource efficiency analysis
- Sanitary drainage systems
- Storm water management
- Domestic water systems
- Waste water treatment systems
- Hospital and laboratory piping systems
- Fuel oil piping systems
- Irrigation systems

Fire Protection

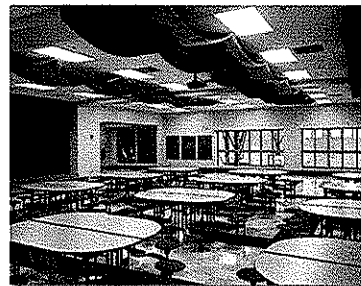
- Standpipe and sprinkler systems
- Fire protection systems



Our Design Experience

- Agricultural & Science Buildings
- Airport Terminals & Hangers
- Athletic Facilities & Stadiums
- Auditoriums & Theaters
- Call Centers
- Classrooms
- Clean Rooms & Special Environments
- Data Centers
- Dining Halls
- Dormitory Buildings
- Environments for the Aging
- High-Rise & Low-Rise Office Buildings
- Historic Preservation & Adaptive Reuse
- Hotels/Motels
- Judicial & Courtroom Facilities
- Manufacturing & Industrial
- Movie Theaters
- Municipal Complexes

- Museums, Galleries & Libraries
- Nuclear Facilities
- Outpatient & Hospital Facilities
- Parking Garages
- Postal Facilities
- Prisons & Correctional Institutions
- Public Safety Buildings
- Recreational Facilities
- Religious Facilities
- Research/Laboratories
- Residential & Multi-Unit Housing
- Retail & Shopping Centers
- Schools
- Student Unions
- TV/Radio Stations
- Vehicle Maintenance Facilities
- Warehouses & Depots



Tower Engineering maintains full CAD capabilities utilizing AutoCAD Release 2008, which is compatible with most micro and mini based computer systems. Our AutoCAD software has been modified in-house to further enhance productivity per discipline. Firm-wide CAD standards are also in place to ensure uniformity.

Tower Engineering has a long history of providing engineering services in West Virginia. For more than five decades, educational, commercial and institutional facilities owners have depended on us to engineer mechanical and electrical systems which are effective, as well as efficient.

During the past two years alone, 34% of our project workload has been in West Virginia. Currently, Tower Engineering is providing mechanical and electrical systems engineering for boards of education in 11 counties, as well as for West Virginia University, Fairmont State University, the West Virginia Hi-Tech Consortium, Rocket Center, and Canaan Valley Institute. We recently completed projects at Glenville State College and the City of Fairmont.

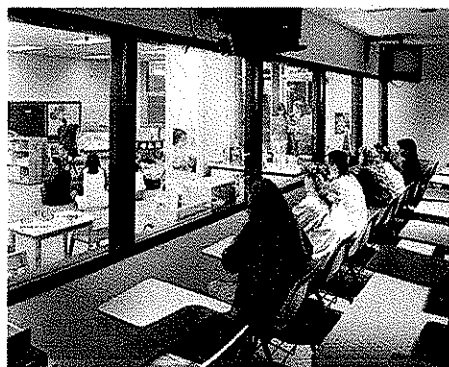


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Recent Projects in West Virginia Have Included:

- Airport Renovations
- Research/Laboratories
- K-12 Schools
- Commercial Offices
- Community Centers
- Retail Buildings
- Stadiums & Athletic Buildings
- Military Training Facilities
- Nursing Homes
- Light Industrial and Warehouses

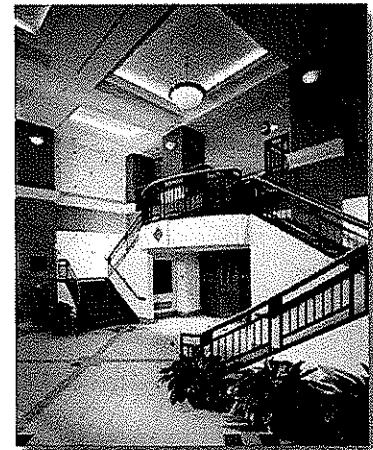
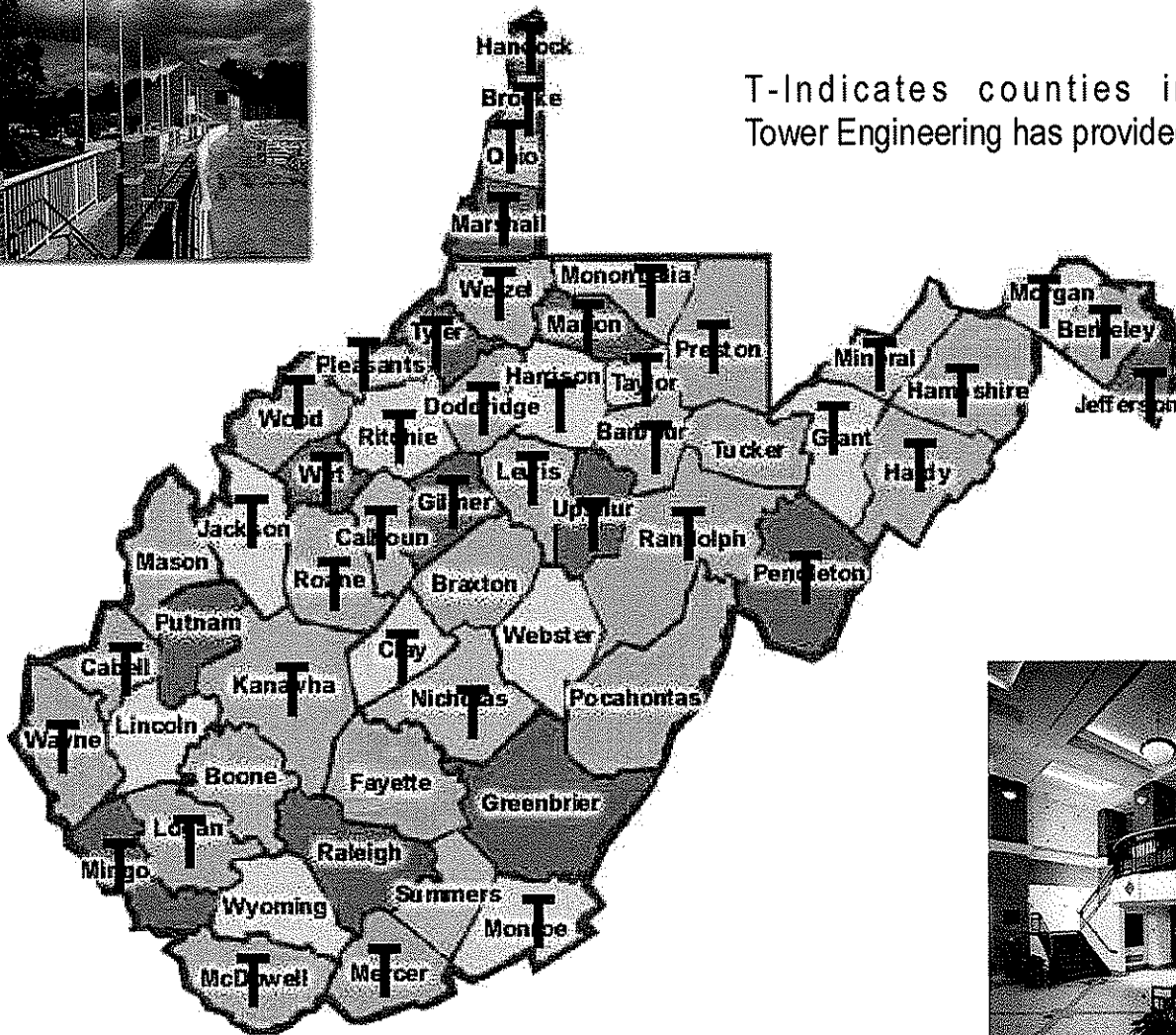


Engineering West Virginia

Located in Pittsburgh....But Not *Just* A Pittsburgh Firm

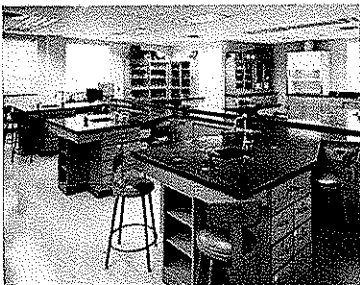


T-Indicates counties in which Tower Engineering has provided services.



"My grandfather kept diaries from the 1930s until his death in 1963. I've really enjoyed reading of his trips to Charleston to provide services in West Virginia. He would catch the train from Pittsburgh to Charleston and stay overnight, often meeting with multiple clients. The diaries include fascinating information about the architects he worked with....and the exciting projects he engineered."

David E. Tower
Principal, Retired



EDUCATION

Bachelor Architectural Engineering
Penn State University
1989

REGISTRATION

PE, Pennsylvania
PE-045741-E

PE, West Virginia
PE, Michigan
PE, Maryland
PE, New York

AFFILIATION

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

Association of Energy Engineers

JAMES N. KOSINSKI, P.E.

*Principal, Vice President
Senior Project Manager
Mechanical Engineering*

Mr. Kosinski has nineteen (19) years of experience as a mechanical engineer, primarily responsible for the design of HVAC systems and their components for hospitals, schools, universities, laboratories, office buildings, and commercial and light industrial facilities. He has experience with the design of numerous types of HVAC systems, including constant and variable air volume air handling, geothermal heat pump and exhaust systems; chilled water and hot water; electric/electronic, pneumatic and DDC control systems.

Mr. Kosinski's design responsibilities include load calculations, equipment selection, system layout, project specifications, cost estimates, direction of project drafting efforts, coordination with other engineering disciplines, and construction administration. Additional responsibilities include system analysis and energy studies, client contact, and project management and scheduling. He has performed energy conservation analysis, evaluated HVAC system performance, and justified the installation of DDC control systems and other energy saving measures.

As a Mechanical Engineering Group Leader, Mr. Kosinski coordinates the efforts of a team of staff engineers, designers and CAD operators.

REPRESENTATIVE EXPERIENCE

Twin Falls State Park, Mullens, West Virginia
Systems Evaluation & Design, Lodge Expansion

Holiday Valley, Ellicottville New York
Tamarack Club Condominiums

Hampton Township, Pennsylvania
*Municipal Buildings Master Plan, Phases 1 and 2
New Community Center*

Lycoming College, Williamsport, Pennsylvania
Student Recreation Center Renovation/Expansion

Glenville State College, Glenville, West Virginia
Heflin Student Center Assessment Report & Renovation

JAMES N. KOSINSKI, P.E.

*Principal, Vice President
Senior Project Manager
Mechanical Engineering*

**Chestnut Ridge School District,
Fishertown, Pennsylvania**
Middle School Addition/Alterations

**Fayette County Area Vo-Tech,
Fayette County, Pennsylvania**
Feasibility Study

**Franklin Regional School District,
Murrysville, Pennsylvania**
Senior High School Stadium

**Fort LeBoeuf School District,
Waterford, Pennsylvania**
Outdoor Athletic Complex
Waterford Elementary School
Renovation

**General McLane School District,
Edinboro, Pennsylvania**
Edinboro Elementary School
McKean Elementary School
Renovation/Addition

**Hampshire County Board of
Education, Romney, West Virginia**
Romney Middle School

**Hampton Area School District,
Allison Park, Pennsylvania**
Natatorium Study
Hampton High School RTU Analysis

**Hardy County Board of Education,
Moorefield, West Virginia**
Assessment of District's MEP
Systems

**Jackson County Board of
Education, Fairplains, West
Virginia**
Fairplain and Ripley Elementary
Schools Classroom Additions

**Jamestown Area School District,
Jamestown, Pennsylvania**
Jamestown Elementary School

**Jefferson County Board of
Education, Charles Town, West
Virginia**
New Middle School

Millcreek Township Public School District, Erie, Pennsylvania
Tracy Elementary School

Mineral County Board of Education, Keyser, West Virginia
Frankford High School HVAC Evaluation & Replacement

Mingo County Board of Education, Williamson, West Virginia
Lenore K-8 School

Moon Area School District, Moon Township, Pennsylvania
High School HVAC Upgrade (Design/Build)
McCormick Elementary School Systems Commissioning

Morgan County Board of Education, Berkeley Springs, West Virginia
Berkeley Springs High School Renovation/Addition
North Berkeley Elementary School

North Allegheny School District, Pittsburgh, Pennsylvania
Marshall Elementary School
McKnight Elementary School Addition/Renovations
North Allegheny Intermediate Unit

North East School District, North East, Pennsylvania
Earle C. Davis Elementary School

Pine-Richland School District, Gibsonia, Pennsylvania
Hance Elementary School Additions/Renovations
New Pine-Richland Stadium
Pine Richland High School Additions/Alterations
Pine Richland Middle School
Wexford Elementary School

Riverview School District, Oakmont, Pennsylvania
Tenth Street Elementary Feasibility Study

Slippery Rock Area School District, Slippery Rock, Pennsylvania
District-Wide Feasibility Study

Sto-Rox School District, McKees Rocks, Pennsylvania
High School Third Floor Temp/Humidity Study

EDUCATION

BS, Mechanical Engineering
The Behrend College
The Pennsylvania State University
1990

Part-Time Civil Engineering Student
Point Park College
Current

REGISTRATION

PE, Pennsylvania

AFFILIATION

American Society of Plumbing
Engineers

Pennsylvania Army Reserve National
Guard

CHRISTOPHER W. CLARK, P.E.

*Project Manager
Plumbing & Fire Protection Engineering*

Mr. Clark has sixteen (16) years of experience as a mechanical engineer and has designed plumbing and fire protection systems and their components for schools, universities, laboratories, office buildings, and commercial and light industrial facilities.

Mr. Clark has experience with the design of numerous types of plumbing and fire protection systems, including wet and dry fire protection systems; DWV plumbing systems; cold, hot water and hot water recirculation systems; compressed air; storm water management and retainage systems, and sports field irrigation.

REPRESENTATIVE EXPERIENCE

Twin Falls State Park, Mullens, West Virginia
Systems Evaluation & Design, Lodge Expansion

Hampton Township, Allison Park, PA
Hampton Township Community Center

Green Tree Public Library, Pittsburgh, Pennsylvania
Renovation/Addition

Lycoming College, Williamsport, Pennsylvania
Student Recreation Center Addition/Renovation

Scotland School for Veterans' Children, Franklin County, Pennsylvania
Campus Renovation/Addition

Three Rivers Rowing Association, Millvale, Pennsylvania
Boat Storage and Maintenance Building

EDUCATION

Bachelor, Electrical Engineering
Case Western Reserve University
1997

REGISTRATION

PE, Pennsylvania
PE-061041
2003

AFFILIATION

Illuminating Engineering Society of
North America (IES), Pittsburgh
Section, Treasurer

T STEFFANIE BAKO, P.E.

*Firm Associate
Senior Project Manager, Electrical Engineering*

Ms. Bako has ten (10) years of experience in the electrical engineering field. She has designed electrical systems and their components for office buildings, health care facilities, schools, commercial, and light industrial facilities. Ms. Bako has design experience in several areas including power distribution, lighting, security, A/V, and fire alarm systems.

Ms. Bako is primarily responsible for preparation of electrical estimates, technical specifications, engineering drawings, field observation, and coordination with architectural and other engineering disciplines. She also maintains client contacts and manages projects.

REPRESENTATIVE EXPERIENCE

Twin Falls State Park, Mullens, West Virginia
Systems Evaluation & Design, Lodge Expansion

Fairmont Public Safety Building, Fairmont, West Virginia
Addition/Renovation

Splash Lagoon, Erie, Pennsylvania
Indoor Water Park

Southwest Butler YMCA, Cranberry Township, Pennsylvania
The Rose E. Schneider Family YMCA

West Virginia High Technology Consortium, Fairmont, West Virginia
Base Building & Tenant Fitup for \$13 Million Office Building Complex

Glenville State College, Glenville, West Virginia
Heflin Student Center Assessment Report & Renovation

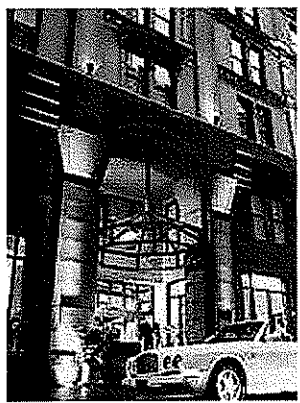
Project Experience

Tower Engineering has provided mechanical and electrical consulting engineering services for numerous hotel and motel projects, including the following:

- Best Western, State College, PA
- Cincinnati Hotel Restoration/Renovation, Cincinnati, OH
- Sheraton Inn, Holidaysburg, PA and Warrendale, PA
- Penn State's Nittany Lion Inn
- Days Inn, Akron, OH; Altoona, PA; Gettysburg, PA; Reading, PA; and York, PA
- Motel Six, Cranberry, PA
- Peak 'n Peek Resort, Clymer, NY
- Sheraton Station Square Hotel, PA
- DoubleTree Hotel, Pittsburgh, PA
- The Historical Book Cadillac Hotel, Detroit, MI (Design only)
- Twin Falls Resort, Mullens, WV

Tower Engineering has provided mechanical/electrical engineering services for new construction, renovations, and systems evaluations for the following Country Clubs:

- Treesdale Country Club
- Chartiers Country Club
- Lakeview Country Club
- Montour Country Club
- Rolling Hills Country Club
- Royal Ridge Country Club
- Seven Oaks Country Club



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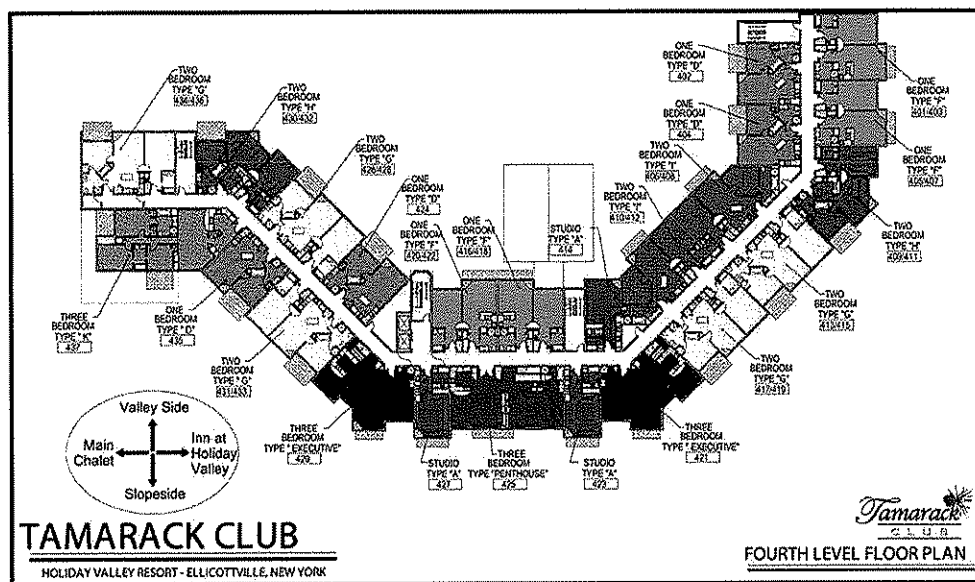
Hotels, Motels & Country Clubs

Project Experience

Holiday Valley Resort
Tamarack Club
Ellicottville, New York

Tower Engineering is currently providing mechanical/electrical engineering services for Holiday Valley Resort's new Tamarack Club. Once completed, this 163,000 s.f. building will include studio, one, two and three-bedroom condos, a heated indoor/outdoor pool, spa, fitness center, underground parking, and a restaurant and lounge.

Construction is scheduled to begin in Spring, 2008.



Owner:
Sunrise Development Partners, LLC
6557 Holiday Valley Road
Ellicottville, NY 14731

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Lodging & Recreation

Project Experience

Seven Springs Mountain Resort Champion, Pennsylvania



Tower Engineering provided mechanical/electrical engineering services for the new \$4.7 million Skier Services Building at Seven Springs Mountain Resort. At this one-stop services center, guests can do everything from buy lift tickets to drop off the kids for ski/ride lessons. The new facility serves as the main resort arrival point and as a "bridge" connecting the existing conference/hotel functions with the existing ski lodge. Construction of this three-story, 35,000 s.f. building was part of a \$6.5 million expansion project and was planned and constructed between ski seasons to avoid disruption of resort activities.

Tower Engineering also provided electrical engineering services for the Southwinds at Lake Tahoe, a cooperative design-build project at the Resort. The overall project provided for a series of multi-level condominium units. Each of the seven buildings in the project was comprised of varying combinations of architecturally modular, typical floorplans. This project was completed in 2006.



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Lodging & Recreation

Project Experience

Tower Engineering has designed mechanical and electrical systems for a wide variety of community and recreational facilities. Our past representative experience includes renovations, new construction and building systems evaluations for:

Bethel Park Community Center

Construction of this new Community Center was completed in 1999. At 18,100 s.f., the facility includes a large multi-purpose room with stage and serving kitchen for daily seniors lunch programs and community events of all sizes. The \$2.5 million facility incorporates many past and present unique characteristics and was envisioned to become Bethel Park's new town symbol.

Seven Springs Skier Services Building

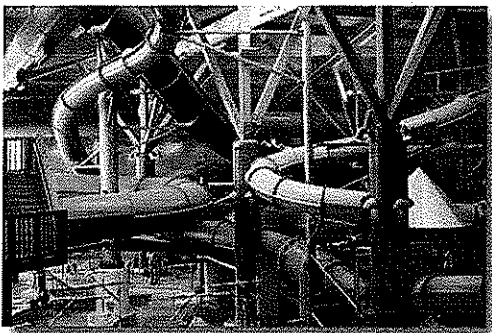
Part of a \$6.5 million improvement and expansion plan, the new Skier Services Building serves as the main resort arrival point and as a "bridge" connecting the existing conference/hotel functions with the existing ski lodge.

Ross Township Municipal Complex

This new two-story building complex will house the Ross Township Municipal Offices, Commissioners Meeting Room, Ross Township Police Department, Building Inspectors offices, Tax Collector/Treasurers office, and a new Community Center with a multi-purpose/banquet room, kitchen, stage, youth and adult lounges.

The Rose E. Schneider Family YMCA

Tower Engineering provided mechanical/electrical engineering services for a new 113,000 s.f. facility for the Southwest Butler County YMCA. This new \$7 million building will include a gymnasium, family natatorium with leisure/competition pool, locker rooms, teen center, community/multipurpose room, wellness center, exercise studios, and administrative spaces. This project was completed in 2006.



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Community & Recreational Facilities

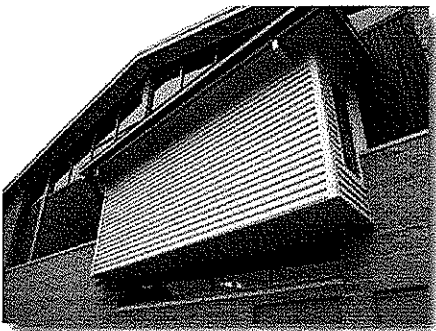
Project Experience

Peters Township Recreation Center McMurray, Pennsylvania

Tower Engineering provided mechanical/electrical consulting engineering services for this new \$5 million Recreation Center. The 30,000 s.f. indoor facility includes a suspended 1/10-mile track, exercise areas, concessions kitchen and conference room, enlarged TV screen and a portable stage for special events, multipurpose room with an adjacent kitchen, family restroom, and a double-size gymnasium with four basketball courts. Outdoor facilities include a multi-purpose court for basketball, soccer and deck hockey, as well as a new softball field.

The multipurpose spaces are designed with lighting and acoustics to accommodate performances, dances, and other community activities.

This project was completed in 2004.



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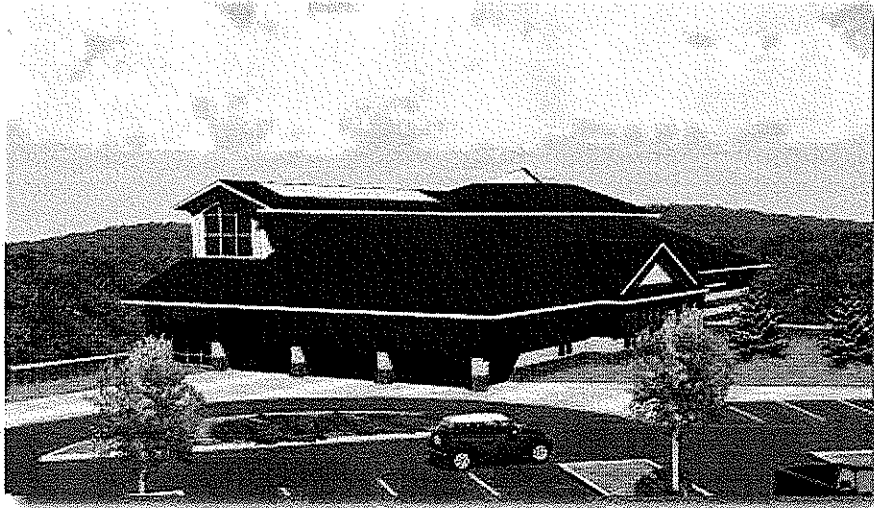
Community & Recreational Facilities

Project Experience

Pine Township Community Center Wexford, Pennsylvania

Tower Engineering is currently providing mechanical/electrical engineering services for this new 55,000 s.f. building. The first of two phases of construction will include a gymnasium which can be divided into two basketball or volleyball courts; a three-lane walking track around the outer edge of the gym; fitness areas and exercise rooms; a game lounge which will house computers, video games, plasma television, pool tables and a meeting area; and a community room that can be divided into two sections. Kitchen, administrative offices, meeting and multipurpose rooms and a daycare area will also be included.

Phase two of this project will include the construction of an aquatic center. Total construction costs for both phases of this project are estimated at \$9 million.



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Community & Recreational Facilities

Project Experience

Twin Falls State Park
Lodge Expansion
Mullens, West Virginia



Tower Engineering is currently providing mechanical and electrical engineering services for the expansion of the Twin Falls State Park Lodge. Renovations will be made to the existing 30,000 s.f. structure. An addition of 46,000 s.f. will include:

- An additional 30 lodge rooms, including several suites
- Conference space
- A new indoor pool, spa and fitness center
- An elevator to resolve accessibility issues
- New Lodge Entrance

Total construction costs for this project are estimated at \$6 million. This project is currently in design.



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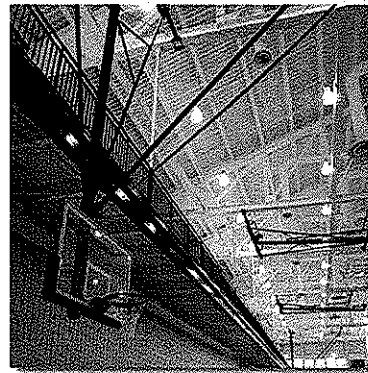
Community & Recreational Facilities

Recreation/Athletic Facilities

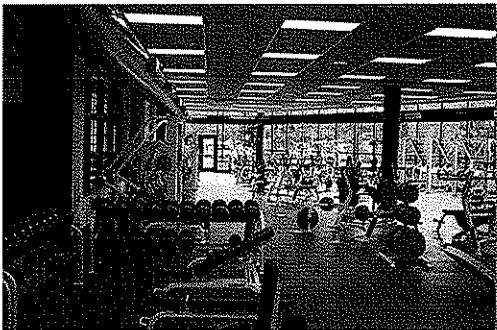
As our society becomes more fitness conscious and recreational oriented, athletic spaces are more and more the reason we come together. Yesterday's "gym" has given way to complex and flexible facilities accommodating a range of exercise and competition activities. Design of such facilities demands knowledge of usage, materials and technology. Having provided engineering services for a wide variety of recreational and athletic facilities, Tower Engineering has this knowledge.

Tower Engineering's experience includes systems evaluation and design for athletic and recreational facilities for:

- Carnegie Mellon University
- Edinboro University of Pennsylvania
- Fairmont State University
- Gannon University
- Indiana University of Pennsylvania
- LaRoche College
- Lycoming College
- Shepherd College
- Slippery Rock University
- University of Pittsburgh
- Washington & Jefferson College
- West Virginia University



Tower Engineering recently providing services for a feasibility study for a new recreation center at the University of Pittsburgh's Greensburg Campus, as well as services for renovations at Pitt's Trees Hall/Fitzgerald Field House, and HVAC systems upgrade at Fairmont State University's Feaster Hall.



TOWER
ENGINEERING

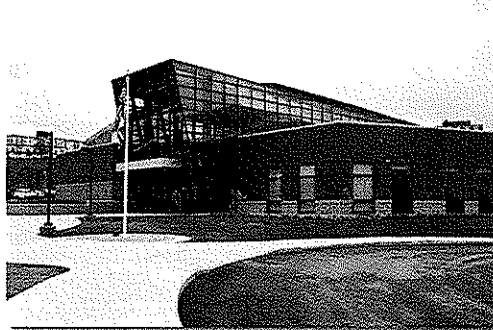
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College & University

Recreation/Athletic

Student Recreation Center West Virginia University

The new Student Recreation Center at WVU occupies a 12-acre site on the lower Evansdale campus, near the Evansdale Residential Complex.



The new facility, designed to significantly improve the quality of life for University students, includes:

- Seven Basketball Courts
- Three Racquetball Courts
- Squash Court
- 17,000 sf of Weight/Fitness Areas on Two Levels
- Three-Story Climbing Wall
- Aquatics Area with Lap Pool
- Leisure Pool and Spa
- Elevated Running Track
- Food Court
- Administrative Offices & Support Space



Total Area
170,000 sq. ft.
Gross Construction Costs
\$25,000,000
MEP Construction Costs
\$8,250,000
Completed 2001

TOWER
ENGINEERING

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College & University

Project Experience:

Carnegie Mellon University

Recreation Center/Athletic Facility Feasibility Study

Edinboro University of Pennsylvania

New Grandstands and Locker Facilities

Gymnasium Building Lighting Study

Fairmont State University

Feaster Hall HVAC System Upgrade

Practice Field Lighting Replacement

Student Recreation Center RTU Diagnostics

Student Recreation Center Smoke Evacuation Study

Gannon University

Athletic Field Complex Upgrade

Indiana University of Pennsylvania

Student Union Renovation & New Recreation Center

LaRoche College

Sports Facility Complex Feasibility Study

Lycoming College

Student Recreation Center Addition/Renovation

Shepherd College

Stadium Expansion

Athletic Facilities Building Renovation

Slippery Rock University of Pennsylvania

Renovations to East/West Gymnasium

University of Pittsburgh

Fitzgerald Field House Locker Room/Offices Addition

Trees Hall/Fitzgerald MEP Renovation

Greensburg Campus New Recreation Center Study

Field House Wrestling/Weight Room Renovation

Trees Hall Gymnasium Floor Replacement

Trees Hall Pool Lighting

Washington & Jefferson College

Cameron Stadium Improvement

West Virginia University

Coliseum Chiller/Cooling Tower Replacement

Mountaineer Stadium Locker Room

New Student Recreation Center

New Student Recreation Center Systems

Commissioning

