



# Grave Creek Archeology Complex

Expression of Interest  
for Architectural & Engineering Services

May 2, 2012  
1:30 pm



RECEIVED

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WV PURCHASING  
DIVISION



1 May 2012

Ms. Shelly Murray  
Purchasing Division  
2019 Washington Street, East  
Charleston, WV 25311-2214

RE: EOI DCH12101 for Grave Creek Archeology Complex Restrooms/Auditorium Spaces Renovation  
Moundsville, West Virginia

Dear Ms. Murray:

Paradigm is currently working with the West Virginia Division of Culture & History on a new stage and support building for Camp Washington-Carver. And so it is with great pleasure that I submit this Expression of Interest for architectural and engineering services for renovation of restrooms and auditorium spaces at the Grave Creek Archeology Complex in Moundsville, West Virginia. For this project, **Paradigm Architecture** has partnered with the consulting firm, **Acoustic Dimensions**, to deliver you the highest quality of personal service, design expertise, and quality control throughout the course of this project. By combining our talents and experience and with the current working relationship with the Division of Culture & History, you will work with a unique, collaborative team of specialization in **Theater** and **Performing Arts** project types that will make this project a success!

Paradigm Architecture has experience planning and designing a variety of performance facilities. Recent examples include the **Morgantown Event Center** and **Chestnut Ridge Church**, both of which are in Morgantown, WV. In addition, we have worked with a number of clients in southern West Virginia, including multiple projects at Glade Springs Resort and Conference Center, in Daniels, and the WV School of Osteopathic Medicine in Lewisburg. At Paradigm, we believe that service and responsiveness are critical to project success and client satisfaction. Located in Morgantown, we are well positioned to respond rapidly to the unpredictable requirements of project design development and construction conditions. We believe that this approach to service has resulted in client loyalty and repeat business with organizations such as **West Virginia University**, **Fairmont State University**, **Davis & Elkins College**, **Platinum Properties (Morgantown Waterfront Development)**, **Bright Industries (Glade Springs/Winterplace Resorts)**, **Russell Medical Center**, and **Lenoir Memorial Hospital**. Please check our references with any of these clients.

The internationally acclaimed consultant, **Acoustic Dimensions**, brings a great deal of experience with projects of this type to our team. Their expertise is widely sought after for acoustics, audio/visual, and theatrical design. Project types range from Performance and Arts, to Worship Facilities, and to Sports and Entertainment Venues. Their portfolio includes the **Moonlight Amphitheatre** in Vista California, **PNC Bank Arts Center** in Holmdale, New Jersey, and the **Starlight Theatre** in Kansas City, Missouri. Our collaboration with them led to the successful design of the Morgantown Event Center and Chestnut Ridge Church, mentioned above.

The rest of our team also 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. **Allegheny Design Services** will provide Structural Engineering as well as Mechanical, Electrical, and Plumbing Engineering services. We have extensive professional relationships with these engineers and have successfully completed many projects together.

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



We feel that it is important that we are leaders in technology and services that benefit our clients and improve the quality of our services. Paradigm utilizes the latest technology in project delivery including **Building Information Modeling (BIM)** to three dimensional model projects. This method of project documentation offers greater potential to identify conflicts in building systems during the design phases of a project. It also helps the Owner to fully comprehend the total design solution prior to construction.

We are also actively involved in sustainable design. Included in our proposal are a few examples of our work with federally-funded and LEED projects. These include projects for the **U. S. Department of Agriculture** and the **U. S. Department of Energy**, which are **LEED Certified** and **LEED Gold Certified**, respectively. The new Morgantown Event Center was designed to LEED Certification standards, however, the Owner did not seek certification.

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,

Paul A. Walker, AIA  
President

## 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 eleven includes five registered architects, one intern architect, three CAD designers, and two administrative assistants. We utilize the most current technical hardware and software including AutoCAD, 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.



*Waterfront Marina*



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

## Unique Qualifications



Paradigm believes that defining the problem is the single most important step towards designing and constructing a successful facility. This will be the ultimate purpose of a program of requirements. Paradigm uses a strongly interactive programming process that engages multiple project stakeholders in open communication. This programming methodology depends on interaction and exchange within a systematic process of establishing goals, collecting facts, uncovering concepts, determining needs, and stating the problem. Having just completed the construction document phase for the Camp Washington-Carver project, and having an understanding of the W. V. Division of Culture & History, we will bring this expertise to this project.

This process was utilized in the Programming process for the reconfiguration planning of WVU's Administration at One Waterfront Place. This project involved 40 Divisions in 8 distinct departments. Initial meetings were conducted to describe the programming exercise and clarify the requirements related to the process. Programming Information Forms were distributed for documentation of base data including personnel, position, type of work space, size of workspace, degree of confidentiality, functional relationships, equipment, and furniture. Interviews were then conducted to review the information on these forms and understand the nature and operation of each group. We use standard questionnaires to aid this activity, but each interview tends to have a "life of its own." All of this information is recorded in the form of meeting minutes. This data is compiled, analyzed, and summarized in a document which will serve as a basis for design. Often functional diagrams are included to illustrate relationships and work flow. It is common to provide Executive Summaries of the findings in order to provide a simplified overview of the conclusions. In the case of the One Waterfront, WVU Administrative Services Center project, the Programming process yielded a 300+ page document that was used to plan for expansion, relocation, and reconfiguration of virtually every department located in the building.

Paradigm Architecture designs with the objectives of the Owner in mind. Our design strategy involves listening to the Owner throughout the design process and responding to their needs. For instance, in designing the new administrative office space for West Virginia University's Foundation at Marina Tower, we interviewed each department head to let them articulate their needs and space requirements. Then, we took that information and generated a floor plan. We then reviewed the floor plan with the department heads and incorporated their feedback into a revised layout. Throughout the process, we were responsive and kept the Owner informed about the process of design. We have found this strategy to be a successful way to meet the needs of the institutional Owner.

We will employ that same strategy on a much smaller scale for the Grave Creek Archeology Complex.

Our consistent, quality service was recently recognized by being selected to work on an open-end contract with West Virginia University. Nationally, only six firms were chosen.

## Firm Profile



*Trinity Christian School*



*Trinity Christian School*



*Trinity Christian School*

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.

#### Educational

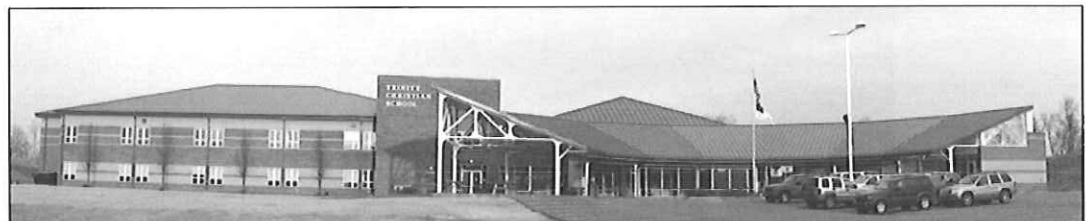
Educational experience includes administrative office space, parking facilities, student housing, libraries, student centers, athletic facilities, master planning, classrooms, and research laboratory facilities. We have worked on campuses that include: West Virginia University, Fairmont State University, 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 high school level including new and renovated buildings.

#### Master Planning

Paradigm Architecture has successfully completed master planning for the Waterfront Development and Trinity Christian School, in Morgantown, Avery Court in Parkersburg, and Glade Springs Resort, in Daniels. In addition, we have performed master planning for Asian Plaza in Birmingham, AL, and are about to begin updating the master plan for Russell Medical Center in Alexander City, AL, as well as the West Virginia School of Osteopathic Medicine in Lewisburg, WV.

#### Governmental

Members of Paradigm have been involved in various government projects at the Federal, State, and Local levels. Federal Clients include the GSA, Social Security Administration, Federal Bureau of Investigation, Drug Enforcement Agency, Small Business Administration, Mine Safety and Health Administration, USDA, and DOE. These projects range from new construction for new buildings to tenant fitups in shell buildings. State and local agencies include Department of Natural Resources, multiple higher education clients, Morgantown Chamber of Commerce, and Trussville City Hall.



*Trinity Christian School*

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

## Firm Profile



### Institutional



*Russell Medical Center*

Medical and retirement life care projects dominate our staff's institutional portfolio. Medical projects include master planning, 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.

### Food Service



*Glenmark Office Building*

We have been privileged to design many Food Service facilities. These include many private restaurants as well as large, full service commercial catering kitchens and banquet facilities accommodating up to 1,500 guests at a time. Examples of these facilities include Two Waterfront Place Hotel and Conference Center, Morgantown Event Center, Regatta Bar and Grille, Rat Pack Lounge, Boathouse Bistro, Sargasso Restaurant, Trussville Family Center, Mountaintop Community Church's Family Life Center, and Shono's Restaurant. In addition, we are currently designing additions and renovations to Cacapon Resort, which includes updating the existing commercial kitchen and dining facilities.

### 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.



*WVU  
Downtown  
Student  
Housing*



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

# Sustainable Design



## LEED / Green Building

Today, everyone is concerned with energy conservation, life cycle analysis, and green building techniques; and Paradigm Architecture is no different. We have completed two projects that are or will be LEED Certified.

U.S. Department of Energy Office of Legacy Management, Morgantown, WV

**LEED Gold Certified — Core & Shell**

**LEED Gold Certified — Commercial Interiors**

U.S. Department of Agriculture Office Building, Morgantown, WV

**LEED Certified**



These projects have incorporated sustainable design elements in all elements of construction such as white roofs, energy efficient building envelopes, non irrigated landscaping, on site bio filtration systems, use of local and regional materials, indoor air quality, enhanced commissioning, building automation controls, occupancy sensors, energy recovery systems, and energy efficient mechanical systems, energy modeling, low flow plumbing fixtures, sunshades, and daylighting.

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. An example of this includes the Morgantown Event Center and Garage. Although it was originally designed for LEED Certification, the Owner decided not to pursue. As a method of organization, we will utilize the LEED Checklist, even though the Owner does not want to pursue certification.

We have one LEED Accredited Professional on staff and others who are pursuing 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.



U.S. Department of Energy



U.S. Department of Agriculture

# Honors & Awards



WVU Transportation Center  
& Garage



Upper Monongahela  
River Center

Upper  
Monongahela  
River  
Center

## Excellence in Construction by the Associated Builders & Contractors, Inc.

- 2010 – Morgantown Event Center  
Morgantown, WV
- 2010 – GSA USDA Office Building  
Morgantown, WV
- 2010 – WVU Transportation Center  
and Garage, Morgantown, WV
- 2007 – Waterfront Marina  
Morgantown, WV
- 2007 – Chestnut Ridge Church  
Morgantown, WV
- 2004 – Madden Student Center at  
Davis and Elkins College, WV
- 2004 – Two Waterfront Place Hotel  
And Conference Center  
Morgantown, WV
- 2003 – The Jackson Kelly Building  
Morgantown, WV
- 2001 – Russell Cancer Center  
Alexander City, AL

## Alabama Masonry Institute

- 2004 – Top Block Award—Russell  
Professional Office Building III  
Alexander City, AL

## Main Street Morgantown

- 2008 – Best New Construction Award  
Marina Tower, Morgantown, WV
- 2008 – Best New Office Award, Spilman  
Thomas Battle, Morgantown, WV

## Pittsburgh Corning Glass Block

- 2004 – Circle of Design Excellence  
Award  
Lightning Strikes Family Fun  
Center, Trussville, AL

## West Virginia American Institute of Architects

- 2010 – Honor Award, Upper  
Monongahela River Center  
Morgantown, WV
- 2010 – Merit Award, West Virginia  
University Transportation Center  
and Garage, Morgantown, WV

## International Parking Institute Awards of Excellence

- 2011 — Honorable Mention, Mountaineer Station (WVU Transportation Center), Morgantown, WV



Par·a·dlgm - (pär'e-dīm') *n.* An example that serves as pattern or model.

# Customer Relationships & Quality Assurance



Paradigm Architecture prides itself on providing excellent client service. When asked one time whether Paradigm Architecture was primarily a Design Firm or a Technical Firm, the response was simply "We are a Client Service Firm." Our portfolio of projects exemplifies this as a quick review shows that the majority of our work comes from repeat clients. We are known for providing fast, local response as well as personal attention to each and every project, no matter how large or how small. The following pages are brief summaries of techniques used to maintain these valuable relationships.



*Glade Springs Resort*



*Chestnut Ridge Church*

## Project Management

Every project will be assigned a Project Manager who is a licensed Architect with appropriate project type experience. This project manager will be assigned to the project from conception to project closeout and will be the client's primary point of contact for the entire design team. Communication is of utmost importance for any project to be successful and a workflow of communication, including identifying key individuals' responsibilities and authorities will be established at the onset of the project. Unlike most design teams, we feel that it is important for the Owner to have direct contact with the consultants on the design team. There will be scheduled meetings throughout the duration of the project where the Owner will have the opportunity to be directly involved with all aspects of the project's design. These meetings will range from design charrettes to interviews with maintenance staff to feedback meetings at the conclusion of design phases.

*Fairmont  
State  
University  
Hardaway  
Hall*



**Par·a·digm - (pär'e-dīm')** *n.* An example that serves as pattern or model.

# Customer Relationships & Quality Assurance



## Construction Contract Administration



*Trinity Christian School*

In addition to the Project Manager, a Construction Contract Administrator will be assigned to each project. This individual will have extensive experience with the Client's established **Design Guidelines and Standards** and Construction Contract procedures. Unique to our company, this person will have been actively involved with the project during design and will have firsthand knowledge of the project's design. The Construction Administrator's roles will include managing and reviewing shop drawings, submittals, and RFI's for the entire design team. Additional roles include attendance at job site meetings, documenting construction progress and actively keeping the Owner through direct correspondence. The Contract Administrator will endeavor to have a good working relationship with the successful contractor bidding on the project to ensure that the project is a success for all parties involved.

## Project Closeout

Project Closeout Procedures will involve inspections by all members of the design team for Substantial Completion, and again at Final Completion. Each team member will generate a punch list of items that are either deficient or need to be completed. Closeout Submittals are required on every project and include not only Operations and Maintenance Manuals, but also Record Drawings, Approved Shop Drawings/ Submittals, Attic Stock, and Contact Information for all Subcontractors on the project. A careful review and confirmation of the Closeout Submittals will be conducted prior to approval of the Final Payment Application.



*WVU Intermodal Garage*

*Davis & Elkins College  
Madden Student Center*



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

# Methodology & Approach



*Two Waterfront Place  
Hotel & Conference Center*

## Design Conformance

Paradigm Architecture designs in conformance with all local, State, and Federal regulations applicable to the project. We have longstanding relationships with code officials and work closely with them throughout the life of the project. Everyone is concerned with energy conservation, life cycle analysis, and green building techniques; and Paradigm Architecture is no different. We have completed two projects that are 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.

## Planning / Programming Tools



*Two Waterfront Place  
Hotel & Conference Center*

Paradigm believes that defining the problem is the single most important step towards designing and constructing a successful facility. This will be the ultimate purpose of a program of requirements. Paradigm uses a strongly interactive programming process that engages multiple project stakeholders in open communication. This programming methodology depends on interaction and exchange within a systematic process of establishing goals, collecting facts, uncovering concepts, determining needs, and stating the problem.

*Two  
Waterfront  
Place  
Hotel  
&  
Conference  
Center*



Par-a·dlgm - (pär'ə-dīm') *n.* An example that serves as pattern or model.

# Methodology & Approach



## Planning / Programming Tools (continued)



*Davis & Elkins College  
Madden Student Center*



*Fairmont State University  
Classroom*



*Two Waterfront Place  
Hotel & Conference Center*

This process was utilized in the Programming process for the reconfiguration planning of WVU's Administration at One Waterfront Place. This project involved 40 Divisions in 8 distinct departments. Initial meetings were conducted to describe the programming exercise and clarify the requirements related to the process. Programming Information Forms were distributed for documentation of base data including personnel, position, type of work space, size of workspace, degree of confidentiality, functional relationships, equipment, and furniture. Interviews were then conducted to review the information on these forms and understand the nature and operation of each group. We use standard questionnaires to aid this activity, but each interview tends to have a "life of its own." All of this information is recorded in the form of meeting minutes. This data is compiled, analyzed, and summarized in a document which will serve as a basis for design. Often functional diagrams are included to illustrate relationships and work flow. It is common to provide Executive Summaries of the findings in order to provide a simplified overview of the conclusions. In the case of the One Waterfront, WVU Administrative Services Center project, the Programming process yielded a 300+ page document that was used to plan for expansion, relocation, and reconfiguration of virtually every department located in the building.

Part of the goal of the Planning Phase of any project is to identify the MEP/FP scope of work for the project. To this end, Tower Engineering's team of mechanical and electrical engineers and designers address and determine how the final system selection is impacted by such major issues as advancing technology, changes in design standards, higher expectations of comfort levels, greater awareness of environmental concerns, the needs and availability of practical energy conservation measures, forecasting future needs, and maintaining construction and operating costs within budget constraints. For renovation projects, our evaluation approach involves the visual inspection of existing conditions by a team of engineers. An assessment report, including a description of the present systems, evaluation of existing conditions and defects, recommendations, and an estimate of budget/cost implications is provided to assist in the decision-making process. Using information gathered by site visits and during meetings, we then develop a list of applicable MEP system options that can be considered. These options are compared on a qualitative and quantitative basis using sophisticated energy analysis software.

As stated above, the programming process will primarily involve a series of in-depth interviews with various department heads, administration, and end users of the facility(ies). These interviews session will be documented, analyzed, and summarized by the design team. These summaries will be delivered to the Owner for review and verification. This Program not only defines Spatial Requirements (Scope), but also defines the Budget, Schedule, and Quality of Work for the entire project. Once finalized, this program is the Statement of Work that all future decisions surrounding the project are based on.

# Methodology & Approach



## From Program to Design to Construction



*Trinity Christian School*

Once a program has been established, Paradigm Architecture will lead the design team through Schematic Design, Design Development, and Construction Documents. Our experienced architects, engineers, and designers perform design calculations, review applicable codes and prepare construction drawings and specifications to allow the project to be competitively bid. Those drawings and specifications detail the construction requirements of the project, and describe the quality, configuration, size and relationship of all electrical and mechanical components to be incorporated into the project.

Schematic Design Deliverables will include Preliminary Architectural Floor Plans and Elevations, as well as Systems Narratives by all consultants. An initial building and life safety review will be completed.



*WVU Intermodal Garage*

Design Development Deliverables will include detailed floor plans, elevations, sections, schedules, and single line engineering drawings. An outline specification will also be part of these deliverables, as well as 3-dimensional renderings for better visualization. Preliminary color selections will be presented by the Interior Designer. Preliminary "in person" reviews with the WV State Fire Marshal will be conducted.



*Two Waterfront Place  
Hotel & Conference Center*

Construction Documents Deliverables will include fully developed and completed drawings and specifications from all disciplines. Final color selection boards will be presented by the Interior Designer during this phase. Another review will be conducted with the WV State Fire Marshal's office prior to bidding. The construction documents must be consistent with the project program, the construction budget, and the project schedule.

At all phases, an updated cost estimate will be provided by our construction manager that represents the current status of the project. As required for budget control, value engineering will take place prior to bidding and alternates will be included in the final bidding documents. In addition, our construction manager will be reviewing the project for constructability analysis and will assist in developing phasing sequences for the renovation of these existing facilities.



*Fairmont State University  
Hunt Haught Hall*

# Methodology & Approach



## Design Assurance



*Fairmont State University  
Falcon Center*

Paradigm Architecture and its consultants will each have a Principal-in-Charge assigned to the project. As is done at Paradigm Architecture, we insist that our consultants have an active role throughout the duration of the project. These roles include providing design assurance quality control reviews at each stage of the project to ensure that the program requirements, design goals, schedule, and budget requirements are being met.

## Procurement



*Chestnut Ridge Church*

Once Bidding Documents have been approved by the Owner, Paradigm Architecture will assist the Owner in the Procurement Phase by prequalifying contractors, holding a Pre-Bid Conference, responding to questions, and issuing Addenda. After bids have been received, Paradigm Architecture will review the lowest responsible bidder submission to verify that all requirements have been met. At that point a Construction Contract will be issued to the Contractor for signature. Upon receipt of a Notice to Proceed from the Owner, we will begin our Construction Contract Administration Services.

*Glade Springs  
Clubhouse  
Addition*



Par-a-digm - (pär'-dīm') *n.* An example that serves as pattern or model.

# Project Approach



## Firm's Ability



*Glade Springs Clubhouse*



*Two Waterfront Place  
Hotel & Conference Center*

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, 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.

## Teamwork

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, and 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.

# Quality Control & Management

## Project Management



### Project Delivery

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, 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.



WVU Marina Tower  
Fourth Floor



WVU Marina Tower  
Fourth Floor

Lightning  
Strikes  
Trussville  
Family  
Fun  
Center



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

# Quality Control & Management

## Schedule / Costs



### Critical Path Method



*Glade Springs Resort  
Hotel and Conference Center*

Paradigm Architecture has abundant experience in managing multiple projects with critical deadlines. Meeting these deadlines all starts with a clear definition of the schedule constraints. The ultimate project completion date is not the only date that should be targeted on the delivery schedule. Paradigm Architecture utilizes critical path method scheduling to define "Milestone" Dates for the entire project. These include deliverables dates for various phases, design time, Owner's review, Agency and Authority having Jurisdiction Review, procurement time, and construction time. Rather than viewing the schedule as a linear process, it is of utmost importance to determine those items that fall on the "critical path." If those deadlines are missed then the schedule must be adjusted immediately or the project will fall behind. We prefer to view the Schedule as a method of Monitoring and Control throughout the duration of the project. The entire design team and the Owner will be constantly informed and updated regarding schedule performance and corrective action will immediately be taken as necessary.

### Fast Track



*WVU Intermodal Garage*

We have been involved with multiple project delivery types where time is of the essence and have the capability to perform Fast Track Delivery Services if necessary. With Fast Track Delivery, the project is broken up in multiple construction packages with early release dates. Examples of these packages include Earthwork / Site Utilities, Foundations, and Superstructure. This allows construction to begin before the design has been complete.

*Glade  
Springs  
Clubhouse  
Addition*



Par-a-digm - (pär'ə-dīm') *n.* An example that serves as pattern or model.

# Quality Control & Management

## Schedule / Costs



### Cost Control



WVU Touchdown Terrace Club



WVU Ag Sciences Greenhouse

Paradigm Architecture understands the importance of the project budget and takes great pride in being able to meet these budgets. Project budget is not just the construction budget. We assist the owner in reviewing all aspects of the total project budget, including pre-design services, such as surveys, field investigations and geotechnical explorations, furniture, fixtures, and equipment (FFE) packages, and project closeout. Due to our vast experience with multiple project delivery types, including design-build and construction management, we have firsthand experience with monitoring costs throughout the entire project. In our nearly ten years of operations, we have never had an Owner "reject all bids" due to cost overruns. Many times, to help control costs on the project, we will work with the Owner early on to establish a base bid package that will deliver within budget. We will then establish a series of alternate packages that can be selected from once bids are received. We will also work with the Owner to establish an Owner's contingency allowance for those unforeseen issues that may arise.

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. 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? 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.

### Firm's Ability to Provide Services Within the Project Time Frame

Paradigm Architecture is confident that we can provide a high level of service in a timely manner. We have historically managed multiple complex projects with significant construction budgets.

Cacapon Resort  
State Park Lodge



Par·a·digm - (pär' e-dīm') *n.* An example that serves as pattern or model.

# Record of Accuracy



Project	A/E Budget	Bid Price	Change Orders	Comments
FSU Hardway Hall Portico Renovations	\$350,000	\$333,200		
FSU Colebank Hall Renovations	\$773,395	\$716,500	\$50,450	Owner requested changes in scope, adjustments to allowances
Morgantown Event Center	\$21.4 Million	\$21.4 Million	\$2 Million	Owner requested Changes in scope, primarily related to AV and kitchen equipment
Morgantown Event Center Garage	\$4.8 Million	\$4.8 Million	\$48,000	Owner requested changes in scope
U. S. Department of Agriculture	\$6.38 Million	\$6.38 Million	\$263,630	Owner requests for changes to floor steel, security system, electrical and projectors.
Benjamin Russell High School Gymnasium Renovations	\$2.298 Million	\$2.280 Million		
WVU Transportation Center & Garage	\$14.6 Million	\$14.6 Million	\$215,6	Owner requests for changes to fencing, mezzanine addition, sidewalk and utility changes and parking equip. modifications
WVU Downtown Student Housing	\$17.7 Million	\$17.65 Million	\$196,448	Fire alarm modifications and Owner requests for additional electrical outlets and misc. existing site conditions.



WVU Greenhouse

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

# Renovation Experience



**Paradigm Architecture** has a solid history of renovation projects, many of which have been for repetitive clients. Our clients can testify to our attention to detail and successful project management on their renovations, most of which have required the existing facilities to remain operational during construction. Our approach to renovations work typically involves an initial assessment of the existing facility, identifying critical needs, operational issues, life safety, potential environmental concerns, and infrastructure requirements. Next we will assist the client in conducting a feasibility study. Our feasibility studies will include cost estimating and phased planning scenarios for construction sequencing.

## **West Virginia University**

Milan Puskar Stadium Touchdown Terrace Addition  
Milan Puskar Stadium Concession Stand Addition  
Multiple Coliseum Renovations  
Stewart Hall General Counsel Renovations  
Data Center Relocation Study  
Creative Arts Center – Construction Administration  
One Waterfront Place Space Planning and Reconfiguration

## **Fairmont State University**

Data Center Expansion  
Colebank Hall Renovations  
Hunt Haught Hall Entrance Stairway Renovations  
Hardway Hall Renovations  
Education Building Renovations  
McAteer Building Feasibility Study  
East-West Stadium Feasibility Study  
Morrow Hall Renovations Feasibility Study  
Parking Garage Facilities Assessment  
Roofing Evaluations on Multiple Facilities

## **Russell Medical Center**

Dialysis Suite  
Satellite Lab  
Lab Addition and Renovation  
MRI  
Sleep Lab  
Physical Therapy  
Emergency Department Renovations

## **Davis & Elkins College**

Madden Student Center

## **WV Division of Natural Resources**

Cacapon Resort State Park Lodge Expansion  
& Park Improvements  
Canaan Valley Resort & Conference Center Renovations

## **West Virginia Department of Health and Human Services**

Window Replacement & Electrical Upgrade, Capitol Improvements, Lakin Hospital, West Columbia  
Electrical System Upgrade, John Manchin Sr. Health Care Facility Fairmont  
Mechanical & Electrical Systems Upgrade, Hopemont Hospital Terra Alta  
HVAC & Electrical Systems Upgrade, Welch Community Hospital, Welch  
HVAC Renovations, Mildred Mitchell-Bateman Hospital, Huntington  
Mechanical Systems Upgrade, Jackie Withrow Hospital, Beckley  
HVAC Renovations, William R. Sharpe Jr. Hospital, Weston

## **Lanier Memorial Hospital**

Cardiopulmonary / Pharmacy Renovations  
ICU Renovations  
Emergency Department Renovations

## **Glade Springs Resort**

Hotel and Conference Center Addition/Renovation  
Clubhouse Renovation  
Leisure Center

# References



**Mr. John Thompson**  
 Manager of Construction Services  
 West Virginia University  
 979 Rawley Avenue  
 Morgantown, WV 26506-4629  
 (304) 293-3625  
 John.Thompson@mail.wvu.edu

*West  
 Virginia  
 University  
 Intermodal  
 Garage*



**Mr. John Sommers**  
 Project Management  
 West Virginia University  
 Planning, Design and Construction  
 979 Rawley Avenue  
 Morgantown, West Virginia  
 (304) 293-7478  
 John.Sommers@mail.wvu.edu

*Waterfront  
 Place*



**Mr. Rich Lane**  
 Petroplus & Associates, Inc.  
 Platinum Properties  
 Two Waterfront Place, Suite 1201  
 Morgantown, WV 26501  
 (304) 284-5000  
 Lane@petropluslane.com

*Davis  
 &  
 Elkins  
 College  
 Athletic  
 Center*



**Mr. Brian Johnson**  
 Bright Enterprises  
 for Glade Springs Resort  
 PO Box 460  
 Summersville, WV 26651-0460  
 (304) 872-3000 Ext. 219  
 bjohnson@brithtwv.com

*Waterfront  
 Marina  
 &  
 Boathouse  
 Bistro*



**Mr. Brad S. Leslie**  
 WV Department of Natural Resources  
 Parks and Recreation Section  
 324 Fourth Avenue, Room 203  
 South Charleston, WV 25303  
 (304) 558-2764  
 Brad.S.Leslie@wv.gov

*Glade  
 Springs  
 Clubhouse  
 Expansion*



**Mr. Tom Tucker**  
 Director, Facilities  
 Fairmont State University  
 1201 Locust Avenue  
 Fairmont, WV 26554-2470  
 (304) 367-4139  
 Raymond.Tucker@fairmontstate.edu

*Chestnut  
 Ridge  
 Church*



*Fairmont  
 State  
 University  
 Conference  
 Center*



Par·a·dlgm - (pär'ə-dīm') *n.* An example that serves as pattern or model.



# Camp Washington-Carver Performing Arts Stage & Support Building

Clifftop, West Virginia



Camp Washington-Carver in Fayette County, WV, was opened in 1942 as a 4-H camp for African-Americans, the first of its kind in the nation. The Great Chestnut Lodge, built by the U. S. Works Progress Administration, was completed in the same year. It is a structure that was placed, along with the entire site, on the U. S. Secretary of the Interior's National Register of Historic Places in 1980. The two primary structures under consideration are: a) the permanent, performing arts stage and b) the support building which will house dressing rooms and storage for audio/video equipment.

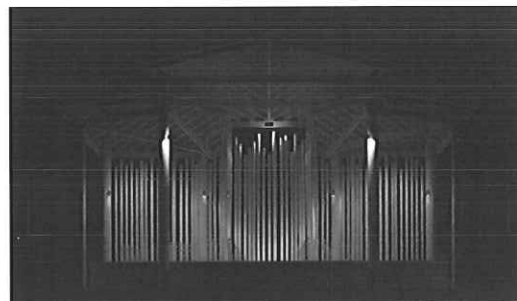
*Great Chestnut Lodge  
is listed on  
the National Register  
of Historic Places  
(Coordinated with the State Historic  
Preservation Office)*

**Owner:** WV Division of Culture & History  
1900 Kanawha Boulevard East  
Charleston, WV 25305

**Contact:** Randall Reid-Smith  
**Phone:** 304.558.0220

**Project Manager:** Paul A. Walker, AIA  
**Project Architect:** Todd Christopher, AIA

**Estimated Completion:** Fall 2012  
**Cost:** \$850,000  
**Size:** 853 (stage); 1,452 (support building)  
**Delivery Type:** Design-Build-Negotiated





# Canaan Valley Resort State Park Renovations and Additions

Davis, West Virginia



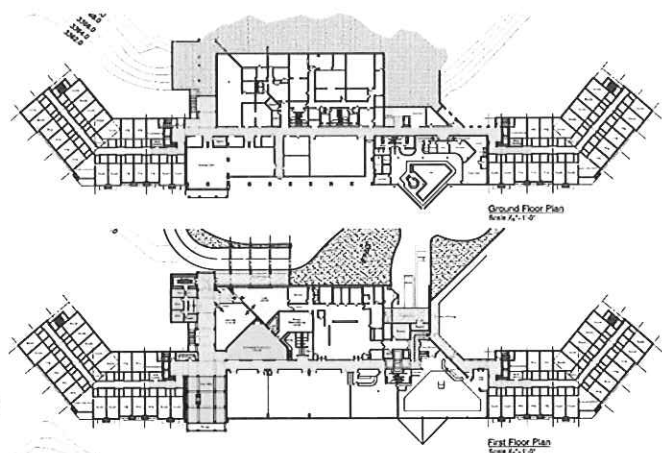
Situated in one of the most scenic and tranquil settings in the Mid-Atlantic, with unlimited recreation and family-focused activities, Canaan Valley Resort is a four-season destination providing the perfect escape from the pressures of daily life. Fifteen miles long by three miles wide, Canaan Valley is the highest mountain valley east of the Rocky Mountains, with a base elevation of 3,100 feet. Canaan Valley Resort is nestled on a plateau overlooking the valley, offering sweeping views of the surrounding peaks. The construction/renovations will be administered in phases and will include the construction of two brand new guest wings (162 rooms) along with extensive refurbishing of the main lodge (where the front desk, meeting rooms, dining room, and indoor pool are located).

**Owner:** WV Division of Natural Resources  
324 Fourth Ave., Room 203  
S. Charleston, WV 25303

**Owner's Project Manager:** Brad Leslie  
**Phone:** 304.558.2764

**Principal-in-Charge & Design  
Architect:** Paul A. Walker, AIA  
**Project Manager:** Paul A. Walker, AIA

**Estimated Completion:** Fall 2013  
**Cost:** \$25 Million  
**Size:** 102,534 SF (addition); 64,993 (renovation)  
**Delivery Type:** Design-Bid-Build





## Cacapon Resort State Park Lodge Expansion

Berkeley Springs, West Virginia



Located in the eastern panhandle of West Virginia, Cacapon Resort State Park is available for both family vacations and business retreats, offering access to golf, lake, and camping activities. The facility functions as the main lodging and meeting center of the resort and offers a mix of hotel rooms and suites, and a conference center. The new addition provides an additional 79 guest rooms, swimming pools, new dining facilities and commercial kitchen, and a spa and fitness area. Additional renovations to the resort includes golf course upgrades, as well as water and wastewater treatment upgrades.

**Owner:** WV Division of Natural Resources  
324 Fourth Ave., Room 203  
S. Charleston, WV 25303

**Owner's Project Manager:** Brad Leslie  
**Phone:** 304.558.2764

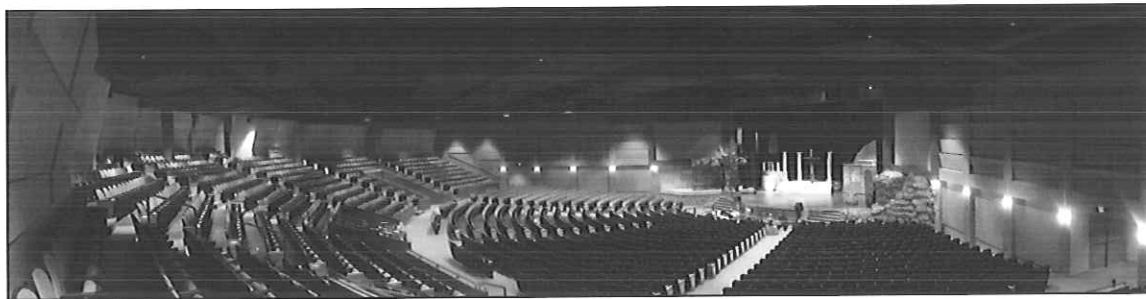
**Principal-in-Charge & Design Architect:** Paul A. Walker, AIA  
**Project Manager:** Jonathan Perry, AIA, LEED<sup>AP</sup>

**Estimated Completion:** TBD  
**Cost:** \$22 Million  
**Size:** 63,669 SF  
**Delivery Type:** Design-Bid-Build



## **Chestnut Ridge Church**

Morgantown, West Virginia



A 2,000+ seat auditorium, non-denominational church in the Cheat Lake area. Includes two additional chapels, a gymnasium, teen center, classrooms, a three story administration building, and 8,400 square feet of circulation / lobby space. The parking lot accommodates 750 spaces.

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

**Owner:** Chestnut Ridge Church  
2223 Cheat Road  
Morgantown, WV 26508

**Owner Contact:** Tim Haring  
**Phone:** 304.594.0548

**Design Architect/ Project Manager:** Paul A. Walker, AIA  
**Assistant Project Manager:** Jonathan Perry, AIA  
**Technical Support:** Steve Konya

**Completed:** Fall 2006  
**Cost:** \$10 Million  
**Size:** 85,000 Square Feet  
**Delivery Type:** Design-Build Negotiated





## Morgantown Event Center and Parking Garage

Morgantown, West Virginia



The Morgantown Event Center and 214-space Parking Garage is 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 features a full catering kitchen and support spaces.

***ABC West Virginia Chapter: 2010 Excellence in Construction Award***

**Event Center Owner:** City of Morgantown  
**Parking Garage Owner:** Platinum Properties  
150 Clay Street, Suite 410  
Morgantown, WV 26501

**Owner Contact:** Rich Lane  
**Phone:** 304.284.5013

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

**Completion:** Spring 2010  
**Cost:** \$30.3 Million  
**Size:** 159,000 Square Feet  
**Delivery Type:** Design-Build Competition





## challenge america amphitheatre

Client : Challenge America with Erin Brockovich

Location: New York, NY

Seat Count: 450

Project Type: Renovation

Opening: 2001

Architect: HLW International

Contact: Keith Hanadel | HLW | 212.353.4600

AD Scope: Acoustics

As a spur to community action after 9/11, New York City Mayor Rudy Giuliani issued a challenge to rebuild an amphitheater and rundown soccer fields at a riverside park in lower Manhattan. Given just one week to complete the project, the innovative, reality-based television show "Challenge America with Erin Brockovich" worked with an all-volunteer design and construction team to create a jewel-like outdoor performance place.

The abandoned amphitheater was originally developed by Robert Moses in the 1930's. Joseph Papp used it in the 1950's as the first home for the famous New York Shakespeare Festival. By the 1970's, the theater itself had fallen into disrepair and neglect. AD donated its design services on the renovation of the amphitheater. The plan included the removal of the dilapidated stage house, leaving the band shell open to a beautiful view of the East River. A series of cables and canopies have reshaped the structure. AD consulted on the acoustics for the band shell and on the design of the cabling structure to eliminate vibration and whistling from the wind.

# projects



City of Vista, California

## moonlight amphitheatre

Client: City of Vista, California

Location: Vista, California

Project Type: Renovation

Seat Count: 2000

Opening: 2009

Construction Cost: \$11.5 Million

Architect: RNTA Architects

Theatre Consultant: Landry & Bogan

Contact: Marie Ertel | City of Vista | 760-726-1340

AD Scope: Acoustics | Audio | Environmental Noise Control

While many cities present entertainment in venues they own and operate, very few house their own dedicated theatrical production company. For almost 30 years, Moonlight Stage Productions of the City of Vista has produced professional musicals and theater productions from the ground up.

The renovation provided Moonlight with a fully equipped, modernized stage house complete with new audio systems, theatrical lighting, motorized rigging and full orchestra pit. AD California (as Sound Technology Consultants) provided acoustics recommendations including environmental noise control as well as designed audio systems that would optimize the space and ensure excellent sound coverage to all seating areas.

# projects



## pnc bank arts center

Client: New Jersey Turnpike Authority

Location: Holmdale, New Jersey

Project Type: Renovation

Seat Count: 7000 in theatre, additional 10,000 on lawn

Opening: 1993

Architect: HGA

AD Scope: Acoustics | Audio Systems

Acoustic Dimensions provided room acoustics recommendations and the design of a new and upgraded sound system for the Garden State Arts Center, recently renamed the PNC Bank Arts Center. In order to accommodate the venue's wide range of programming throughout the summer concert season the acoustics and sound systems required state-of-the-art control and flexibility. A key goal for the project was the integration of the natural architectural acoustics and the use of electro-acoustic systems, both existing and new.

The audio systems replaced and reworked previous system upgrades done in 1978 and 1984, which were unsatisfactory for the venue's current programming requirements. A left-center-right stereo system with additional subwoofers was installed and is fully coordinated with large-screen video monitors. Accommodation for a Hearing Assistance system, per ADA guidelines, was also achieved. Extensive acoustical assessment of the current space, including seating area, stage house, and the interaction between them, was conducted. Acoustical treatment recommendations, including the addition of acoustical panels and curtains, were provided to reduce negative reflections and increase low-frequency absorption. PNC Bank Arts Center has been continually rated one of the Top Five most successful amphitheatres in the U.S.

**ACOUSTIC** DIMENSIONS

# projects



## starlight theatre

Location: Kansas City, Missouri

Project Type: Renovation

Seat Count: 7900

Opening: 2000

Architect: HNTB Architects

Contact: Scott Rice | 816.472.1201

AD Scope: Acoustics | Audio Systems

The Starlight Theatre was founded in 1950. It is Kansas City's largest and oldest performing arts organization and is the second largest theatre of its kind in the United States. In 1999, Starlight Theatre began plans to construct a new 12,000 square foot main stagehouse within the existing footprint in order to provide modern rigging capabilities for theatrical productions. This construction was designed to retain certain architectural elements of the current staging area, while increasing the height in order to provide fly and grid space.

AD provided acoustics recommendations and designed audio systems to ensure excellent sound coverage to the seating area while minimizing spill of sound outside of the outdoor theatre. The success of the renovation is evidenced by the opening night review by Robert Trussell, Kansas City Star: "At 10:44 on opening-night the audience at "Miss Saigon" burst into applause for one of the technical marvels of modern theatrical pageantry: the fabled helicopter. Without doubt, watching the chopper descend from Starlight Theatre's cavernous new fly space, with a deafening prop wash thundering through the sound system, was a sight to behold. The moment of pure spectacle says all that needs to be said about Starlight's \$10 million stage upgrade. The new facility's maiden voyage was flawless."

**ACOUSTIC** DIMENSIONS

# projects



"My colleagues in the Philharmonia Orchestra are delighted with the acoustic qualities of the reengineered Butterworth Hall. The players can hear each other across the platform and can feel the bloom to the sound generated by the acoustical properties of the Hall.

From the audience the sound picture is warm, well balanced and built on a clear bass line. The sound from the platform fills the auditorium easily and the experience appears uniform across the Hall. To summarise, the Philharmonia Orchestra enjoy performing in the Butterworth Hall and the refurbishment, both back stage and in the Hall itself has been a great success."

David Whelton  
Managing Director  
Philharmonia Orchestra

## warwick arts centre - butterworth hall

Client: University of Warwick

Location: Coventry, England

Project Type: Renovation

Opening: July 2009

Seats: 1,232

Architect: Architects Design Partnership

Contact: Nick Woodcock | Project Partner | 0121.234.6440

AD Scope: Acoustics | Audio | Lighting | Stage Systems

Warwick Arts Centre is the largest arts centre in the Midlands, attracting around 280,000 visitors a year to over 2,000 individual events. AD provided design for acoustics, stage lifts, adjustable acoustics mechanisms, theatre grid, sound and lighting for the centre's concert hall -- Butterworth Hall.

Part of our design work was to accommodate the needs of different programming within the hall. Programming includes unamplified music and amplified music. Other important uses of the hall include speeches, meetings, and presentations – all of which use amplified speech. Previously, the hall had a single, fixed acoustic that favoured unamplified music. Adjustable acoustics significantly improve the acoustics of the room for amplified sound. The challenge was that the introduction of adjustable acoustics devices would inevitably reduce the acoustical quality of the room for unamplified music. Thus our design included a series of compensating proposals to improve the acoustics for unamplified sound so that the hall truly supports both unamplified and amplified music.

# Work Plan



Schedule (times are rounded up to nearest whole week):

Notice to Proceed by Owner

## Phase 1:

Pre-Design Phase (8 Weeks Total):

- Design Kickoff Meeting and Program Verification – 1 week
- Compile and Review Available As-Built Drawings – 1 week
- On site Facilities Assessment and Review – 1 week
- Compile Facilities Assessment Report & Publish Findings with Initial Recommendations – 3 weeks
- Owner's Review and Approval of Report and Recommendations - 2 weeks

## Phase 2:

Schematic Design Phase (6 Weeks Total):

- Concept Development – 2 weeks
- Owner's Review and Approval of Concepts – 1 week
- Schematic Design – 2 weeks
- Owner's Review and Approval of Schematic Design – 1 week

Design Development Phase (6 Weeks Total):

- 100% Design Development Drawings / Specs – 4 weeks
- Owner's Review and Approval of 100% Design Development Package – 2 weeks

Construction Documents Phase (9 Weeks):

- Construction Documents Drawings / Specs – 6 weeks
- Owner's Review and Approval of Construction Documents – 2 weeks
- Finalize 100% Construction Documents Drawings / Specs for Bidding Package – 1 Week

Bidding Phase (7 Weeks Total):

- Advertisement to Bid
- Bidding Period - 3 weeks
- Owner's Review and Approval of Bids – 1 Week
- Negotiate and Process Contract / Purchase Order / Notice to Proceed – 3 Weeks

## Phase 3:

Construction Phase

- Notice to Proceed
- Phased Construction – 6 Months

This schedule is conservative in nature without having detailed information on the project and would be improved upon.

# Organization Chart



**WV Division of Culture & History**  
**Grave Creek Archeology Complex**  
*Owner*

**Paradigm Architecture**  
*Architecture & Project Management*

**Paul A. Walker, AIA**  
*Principal-in-Charge*

**Todd G. Christopher, AIA**  
*Project Manager*

**Steve Konya**  
*Construction Administration*

**Acoustic Dimensions**

*Acoustic / Audiovisual*

**David Kahn, LEED<sup>AP</sup>**

**David Stevens, LEED<sup>AP</sup>**

**David Robb**

**Allegheny Design**

*Structural/Mechanical/Electrical/  
Plumbing*

**David R. Simpson, PE**  
**Mike Chancey, PE, LEED<sup>AP</sup>**  
**David Cotton, PE, LEED<sup>AP</sup>**  
**Jason Robinson, EI**  
**Daniel Stanislawski, EIT**

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

# Paul A. Walker, AIA

Principal-in-Charge / Design Architect



Mr. Walker has 29 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: medical, 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. Paul also has extensive experience with higher education facilities while working at other firms in WV, NC, and AL.

## Architectural Registration

NCARB

WV / AL / FL / IL / MS

NC / PA / SC

## Education

University of Tennessee

Knoxville, TN

Bachelor of Architecture,  
1982

## Professional, Civic and Other Activities

American Institute  
of Architects

Board Member  
Chestnut Ridge Church

**Renovations, Camp Washington-Carver, Clifftop, West Virginia**

Estimated Completion: Fall 2012; Cost: \$1.5 Million

**Lodge Expansion, Cacapon Resort State Park, Berkeley Springs, West Virginia**

Estimated Completion: TBD; Cost: \$22 Million

**Renovations and Additions, Canaan Valley Resort State Park, Davis, West Virginia**

Estimated Completion: Fall 2013; Cost: \$25 Million

**Resort and Conference Center, Glade Springs, Daniels, West Virginia**

Completed: Fall 2005; Cost: \$6 Million

**New Facility, Chestnut Ridge Church, Morgantown, West Virginia**

Completed: Fall 2006; Cost: \$10 Million

**Greenhouse & Labs, West Virginia University, Morgantown, West Virginia**

Estimated Completion: Spring 2012; Cost: ~\$8.8 Million

**Records Storage Facility, Office of Legacy Management, United States Department of Energy  
Morgantown, West Virginia**

Completed: Summer 2009; Cost: \$8 Million (Shell)

**Morgantown Event Center and Parking Garage, Morgantown, West Virginia**

Completed: Spring 2010; Cost: \$26.3 Million

**Renovations, West Virginia University Coliseum and Athletic Office Renovations  
Morgantown, West Virginia**

Completed: 2008; Cost: \$1.5 Million

**Portico Renovations, Hardway Hall, Fairmont State University, Fairmont, West Virginia**

Completed: Fall 2010; Cost: \$333,200

**Renovations, WVU Stewart Hall, Morgantown, West Virginia**

Completed: Winter 2008; Cost: \$250,000

**Office Building, United States Department of Agriculture, Morgantown, West Virginia**

Completed: Summer 2009; Cost: \$6.5 Million (Shell)

**Office Upfit, Marina Tower, General Services Administration, Morgantown, West Virginia**

Completed: August 2009; Cost: \$770,000

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

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

# Todd G. Christopher, AIA

## Project Manager



Mr. Christopher's responsibilities have included development of construction documents and drawings, project management, marketing presentations, bidding procedures, and construction administration. He has a combined nine years of experience in commercial and residential architecture and joined Paradigm Architecture in February 2009. Project experience includes commercial, corporate, educational, performing arts, healthcare, continuing care retirement communities, laboratories, industrial, institutional, sports facilities, and multi-family residential.

### Architectural Registration

NCARB

WV / NC

**Renovations, Camp Washington-Carver, Clifftop, West Virginia**  
Estimated Completion: Cost: \$1.5 Million

**Lodge Expansion, Cacapon Resort State Park, Berkeley Springs, West Virginia**  
Estimated Completion: TBD; Cost: \$22 Million

### Education

Virginia Polytechnic Institute  
& State University  
Blacksburg, VA  
Master of Architecture  
2002

**Renovations and Additions, Canaan Valley Resort State Park, Davis, West Virginia**  
Estimated Completion: Fall 2013; Cost: \$25 Million

**Pi Kappa Alpha Renovation and Addition, Morgantown, West Virginia**  
Completed: May 2010; Cost: \$1.6 Million

Fairmont State College  
Fairmont, WV  
Bachelor of Science  
in Engineering Technology  
1999

**Office Building, United States Department of Agriculture, Morgantown, West Virginia**  
Completed: Summer 2009; Cost: \$6.5 Million (Shell)

**Greenhouse & Labs, West Virginia University, Morgantown, West Virginia**  
Estimated Completion: Spring 2012; Cost: ~\$8.8 Million

**Office Building, KeyLogic Systems, Inc., Morgantown, West Virginia**  
Completed: Fall 2010; Cost: \$1.5 Million

### Professional, Civic and Other Activities

**Office Upfit, Marina Tower, Booz Allen Hamilton, Morgantown, West Virginia**  
Completed: May 2010; Cost \$200,000

American Institute  
of Architects

**Office Upfit, Marina Tower, General Services Administration, Morgantown, West Virginia**  
Completed: August 2009; Cost: \$770,000

U.S. Green Building Council

**New Facility, Middletown Tractor Sales, Fairmont, West Virginia**  
Completed: Spring 2011; Cost \$1.7 Million

AIA Peer Mentor  
in conjunction with  
UNC Charlotte  
College of Arts + Architecture

**Robinson Hall Performing Arts Building,\* University of North Carolina at Charlotte, Charlotte, North Carolina**  
Completed: Spring 2004; Cost: \$23 Million

AIA Intern Development  
Program Mentor

**Sampson Classroom Building, \* University of North Carolina at Pembroke, Pembroke, North Carolina**  
Completed: Summer 2007; Cost: \$4.7 Million

Member, McGraw-Hill  
Construction Architect Panel

**Performing Arts & Classroom Building,\* University of North Carolina at Wilmington**  
Wilmington, North Carolina  
Completed: Fall 2006; Cost: \$26 Million

**Frank Thompson Theatre Renovation,\* North Carolina State University, Raleigh, North Carolina**  
Completed: Fall 2009; Cost: \$11.5 Million

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

Par-a·dlgm - (pär'ə-dīm') *n.* An example that serves as pattern or model.

# Steve Konya II

## Construction Administrator



Mr. Konya's responsibilities have included development of construction drawings and documents, construction administration, project management tasks, marketing, and photography. He has a combined fifteen years of experience in commercial architecture and has been with Paradigm Architecture for six years. Project types have included commercial, corporate, educational, hospitality, institutional, and retail.

### Education

Fairmont State College  
Fairmont, West Virginia  
Bachelor of Science  
in Engineering Technology  
1996

Lodge Expansion, Cacapon Resort State Park, Berkeley Springs, West Virginia  
Completed: TBD; Cost: \$22 Million

Renovations and Additions, Canaan Valley Resort State Park, Davis, West Virginia  
Estimated Completion: Fall 2013; Cost: \$25 Million

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

Downtown Student Housing, West Virginia University, Morgantown, West Virginia  
Completed: Summer 2009; Cost: \$15.3 Million

### Professional, Civic and Other Activities

Professional Photographers  
of West Virginia

Office Building, United States Department of Agriculture, Morgantown, West Virginia  
Completed: Summer 2009; Cost: \$6.5 Million (Shell)

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

Office Building, Marina Tower, Morgantown, West Virginia  
Completed: Winter 2008; Cost: \$10 Million (Shell)

Mylan Puskar Stadium, Touchdown Terrace Club Addition, West Virginia University  
Morgantown, West Virginia  
Completed: Fall 2007; Cost: \$800,000

Renovations, WVU Stewart Hall, Morgantown, West Virginia  
Completed: Winter 2008; Cost: \$250,000

Records Storage Facility, US Department of Energy, Office of Legacy Management,  
Morgantown, West Virginia  
Completed: Summer 2009; Cost: \$11 Million

Morgantown Event Center and Parking Garage, Morgantown, West Virginia  
Completed: Spring 2010; Cost: \$26.3 Million

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

Portico Renovations, Hardway Hall, Fairmont State University, Fairmont, West Virginia  
Completed: Fall 2010; Cost: \$333,200

# biography



david kahn, LEED® AP

principal consultant

David Kahn founded Acoustic Dimensions in 1991. As principal consultant, David provides lead design direction on many successful projects for clients such as: Columbus Association for Performing Arts (CAPA), Buffalo Philharmonic, Manhattan School of Music, Broadway Company of "Rent", St. Paul Chamber Orchestra and Woolly Mammoth Theatre.

David has expertise in all three broad areas of architectural acoustics consulting: room acoustics design, sound isolation and mechanical and electrical systems noise and vibration control.

With a goal of focusing on performing arts facilities, David joined Artec Consultants in 1985, where he worked with Russell Johnson and Nicholas Edwards. His first major assignment was the Meyerson Symphony Centre in Dallas. He was also in charge of Artec's University-based performing arts facilities, including the Benson Great Hall at Bethel College and the Ted Mann concert hall at the University of Minnesota.

Over the past 18 years, David has designed numerous concert and recital halls and schools of music, theatre and dance for educational institutions. Among his current or recently completed projects are Tisch School of the Arts at New York University; The Pullo center at Penn State York; Gallagher-Bluedorn Performing Arts Center at the University of Northern Iowa; Illinois State University Performing Arts Center; Kennesaw State University Recital Hall and Mercersburg Academy Performing and Visual Arts.

David is on the faculty of Yale University in the graduate school of drama. He is also a visiting lecturer at the New Jersey Institute of Technology. David brings a musician's ear to all of the performance facilities he designs. He is currently active in the New York Symphonic Arts Ensemble as a trumpet player. He has a Master of Science in Acoustics from Pennsylvania State University, and a Bachelor of Science in Engineering from Columbia University.

**ACOUSTIC** DIMENSIONS

# biography



david stephens, LEED® AP

senior consultant - vp

From his early years as a technician operating shows and later as a designer contributing to the overall development of facilities, David has the unique capacity to generate both creative and practical solutions. He is gifted at managing competing variables, and does it in a way that values relationships—making him a sought-after project manager. David also has the ability to observe and sense core dynamics allowing him to often diagnose and deal with the unnamed issues on a project.

David joined the Acoustic Dimensions team in 2000 to begin our lighting systems design group. His holistic understanding of using technology to create experience paired with his gifting at leading teams helped transition the firm from an engineering practice to a creative one.

Prior to joining Acoustic Dimensions, David had an 18-year career at Disney, where he became the Lighting Design Director working closely with architects, engineers and contractors developing, designing and overseeing installations for projects ranging from theatrical facilities to main street electrical parades. Some of David's facility and show design credits at WDW include design for American Gardens Theatre, Animal Kingdom Theatre, Reflections of Earth (EPCOT Center Lagoon Show), Architectural/Show Lighting system for Cinderella's Castle (Magic Kingdom) and Fantasmic! (Disney/MGM Studios). David also had the privilege of designing an electric light parade for WDW Japan and for providing the entertainment lighting systems design for Euro Disneyland.

David's career in entertainment began even prior to his work with Acoustic Dimensions and Disney. He attended high school at the Hawken School in Cleveland. The performing arts center hosted touring acts as well as academic performances, and David spent four years receiving hands-on experience. After graduation, David served as shop foreman for Washington University in St. Louis. The university performing arts center had a full season with a large dance program which included in-house productions and road companies. David has his Bachelor of Arts in Theatrical Lighting Design.

David is a Senior Consultant and Vice President in our Dallas office.

## education

Washington University - St. Louis BA in Theatrical Lighting Design

**ACOUSTIC** DIMENSIONS

# biography



david w. robb

senior associate

David W. Robb joined Acoustic Dimensions as Senior Associate in 2010 where he serves as the backbone of the Audio & AV Group; providing design direction, quality standards, documentation supervision, and a critical ear for all performance space projects.

David is one of the innovators of modern audio installation design, integrating products and techniques from the touring industry into the world of permanent installations. His two decades of audio systems design for performing arts venues are informed by his years of hands-on experience with live sound production acquired through extensive worldwide touring.

David specializes in the design of audio systems for live performance in music theaters, drama theaters, amphitheaters, pavilions, concert halls, opera houses, recital halls, and multi-purpose venues. Prior to joining Acoustic Dimensions, he devoted over twenty years as principal audio & video systems designer for JaffeHolden Acoustics where he directed all activities of the systems design group while providing innovative solutions and management for key projects, including Apollo Theater, New York; Hobby Center for the Performing Arts, Houston; Hollywood Bowl; John F. Kennedy Center, Concert Hall, Opera House & Eisenhower Theater; Lincoln Center, Alice Tully Hall & Juilliard School; Marion Oliver McCaw Hall, Seattle; New York Philharmonic and Metropolitan Opera's Carlos Moseley Pavilion; Radio City Music Hall; and Tokyo International Forum, Japan,

Earlier in his career, David acquired a wealth of practical knowledge about the entertainment business while touring in North America, Europe, and Japan. He began as a musician, then spent over twenty years as sound company manager, mix engineer, production manager, or electronics technology specialist on the road with such popular artists as Jimi Hendrix, Grateful Dead, Frank Zappa, Tom Petty, Bonnie Raitt, Yes, and Bob Dylan.

Educated at the University of Hartford and Worcester Polytechnic Institute, David is an active member of Audio Engineering Society, InfoComm International ICAT Council, National Systems Contractors Association, United States Institute for Theatre Technology, Synergetic Audio Concepts, and the TEC Foundation for Excellence in Audio awards nominating panel; and a retired member of American Federation of Musicians and International Alliance of Theatrical Stage Employees.

**ACOUSTIC** DIMENSIONS



# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

102 Leeway Street  
Morgantown, WV 26505  
Phone: (304)599-0771  
E-Mail: [Dave@AlleghenyDesign.com](mailto:Dave@AlleghenyDesign.com)  
Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

### **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: 1984  
Structural Engineering Certification Board  
West Virginia  
Pennsylvania  
Maryland  
Virginia  
District of Columbia  
South Carolina  
Ohio  
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  
Peter Vallas Associates, Inc. "Fire Investigation Certification" – July 16, 2010 – Ft. Lauderdale, FL

#### **Professional Experience:**

Responsible for project management and design at Allegheny Design Services. Experience includes over 30 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,  
R.M. Gensert and Associates, Vice President,  
West Virginia University, Assoc. Director Construction  
Simpson Engineering, Owner  
CECO Buildings Division, Senior Structural Engineer  
Rockwell International, Facility Structural Engineer  
Bellard Ladner & Assoc., Staff Structural Engineer  
PPG Industries, Facility Structural Engineer

May 2002 to Present  
August 1998 to May 2002  
August 1988 to August 1998  
August 1988 to August 1998  
April 1985 to August 1988  
March 1982 to April 1985  
Sept. 1981 to March 1982  
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  
Morgantown Event and Conference Center, Morgantown, WV  
Allegheny Energy Transmission Center, Fairmont 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 & MEP Engineering*

### **Gary M. (Mike) Chancey, P.E., LEED AP** **MEP Project Manager**

#### **Education:**

West Virginia Institute of Technology  
B.S. Electrical Engineering

#### **Professional Registrations:**

Professional Engineer, West Virginia and Ohio  
LEED Accredited Professional

#### **Professional Memberships:**

National Society of Professional Engineers  
West Virginia Society of Professional Engineers  
American Institute of Architects – WV Chapter  
U.S. Green Building Council

#### **Professional Experience:**

Responsible for project management and electrical design at Allegheny Design Services. Experience includes over 20 years in electrical design and project management for industrial, commercial, residential, institutional, educational, and recreational facilities. Building system design includes lighting, site lighting, power distribution, communications, surveillance, access control, and fire protection. Past accomplishments include design and construction administration of health care, schools, municipal, sports, commercial and retail facilities.

#### **Experience Record:**

Allegheny Design Services, LLC, MEP Project Manager	April 2009 to Present
MSES Consultants, Project Electrical Engineer	August 1990 to April 2009
MC2 Engineering, Owner	July 2006 to April 2009
Triad Engineering Consultants, Staff Electrical Engineer	May 1988 to August 1990
Duke Power, Design Engineer	August 1985 to May 1988

## Project Experience:

Experience encompasses design, project management, and construction administration for electrical, communications, and security systems of building projects.

Project experience (past and present) includes:

WVU Percival Hall Chiller Replacement, Morgantown, WV  
Mylan Pharmaceuticals, Greenbag Road Facility, Morgantown, WV  
City Net, Bridgeport, WV  
Progress Centre, Bridgeport, WV  
Marina Towers, Morgantown, WV  
Mildred Mitchell-Bateman Hospital Renovation, Huntington, WV  
Veterans Nursing Facility, Clarksburg, WV  
Johnston School Renovation, Salem Industrial Home, WV  
Harrison Co. 4-H & Recreation Center, Clarksburg, WV  
Bank of Gassaway, Flatwoods Branch, Flatwoods, WV  
Pinecrest Hospital TB Unit Renovation, Beckley, WV  
Robert L. Bland Middle School Renovation, Weston, WV  
Stonewall Jackson Resort Lodge, Stonewall Jackson Lake, WV  
Braxton Co. Multi-Tenant Building, Flatwoods, WV  
Ripley Municipal Building, Ripley, WV  
Ripley High School Renovations, Ripley, WV  
West Virginia University President's Home, Morgantown, WV  
Tucker Co. 911 Facility, Parsons, WV  
Hewes Avenue Parking Garage Electrical Renovations, Clarksburg, WV  
Wheeling Jesuit Science and Technology Building, Wheeling, WV  
Erickson All-Sports Facility, Parkersburg, WV  
Tygarts Valley High School Addition, Mill Creek, WV  
Museum in the Community, Hurricane, WV  
Wood Co. 911 Facility, Parkersburg, WV  
VAMC Primary Care Renovation, Clarksburg, WV  
National Guard Hangar, Harrison Marion Regional Airport, Bridgeport, WV  
Fairmont State University Athletic Field Lighting, Fairmont, WV  
SAFE House Renovation, Welch, WV  
Harrison Co. Public Safety Building, Clarksburg, WV  
Harrison Marion Regional Airport Runway Extension, Bridgeport, WV  
Ohio Co. Schools Maintenance & Transportation Center, Wheeling, WV  
Salem-Teikyo University Carlson Hall Renovations, Salem, WV  
Steenrod Elementary School, Wheeling, WV  
Fairmont General Hospital Admissions/Evaluation Unit, Fairmont, WV  
Peterson Elementary School, Weston, WV  
FCI Morgantown Dormitory, Morgantown, WV  
Elizabeth Cather Tower Electrical Renovations, Grafton, WV  
Hampshire Co. High School Addition, Romney, WV  
Various school renovations and additions  
Streetscape projects in Clarksburg, Bridgeport, Weston, Morgantown, and WVU



# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

**David A. Cotton, P.E., LEED AP BD+C**

### **Education:**

West Virginia Institute of Technology  
B.S. Mechanical Engineering

### **Professional Registrations:**

Professional Engineer, West Virginia  
LEED AP BD+C Professional Accreditation

### **Professional Memberships:**

American Society of Heating, Refrigerating and Air-Conditioning Engineers  
Secretary Mountaineer Chapter  
U.S Green Building Council  
National Fire Protection Association  
Architects Engineers and Building Officials Chapter Member

### **Continuing Education:**

2009 ASME HVAC Systems: Sizing and Design – April 27-29 – Orlando, FL

### **Professional Experience:**

Responsible for HVAC & plumbing design at Allegheny Design Services. Experience includes mechanical design and project management for industrial, commercial, institutional, education, and recreational facilities. Building system designs include packaged gas heating / dx cooling, split systems, unitary systems, air handling systems, boiler & chiller systems, steam distribution, VAV & VVT zone control, indoor air quality ventilation and server room cooling. Plumbing systems include sanitary, domestic water, fuel gas, and storm drainage. Implemented sustainable building design concepts, and provided construction administration to achieve LEED certification for new construction projects.

## Experience Record:

Allegheny Design Services, LLC, Engineer	Nov. 2008 to Present
March-Westin Company, Project Manager	August 2006 to Nov. 2008
Contracting Engineering Consultants, Detailer	May 2006 to August 2006
Special Metals, Corrosion Lab Technician	May 2005 to January 2006
Oasis Landscaping, Landscaper	May 2004 to September 2004
GC Services, Account Representative/Team Leader	May 2002 to October 2003

## Project Experience:

Experience includes estimating, design, project management, coordination, and project engineering for construction projects.

Construction project experience includes:

Allmine Asphalt Facility Buildings, Martinsburg, WV  
Beitzel / Pillar Innovations Office Building, Morgantown, WV  
Braxton County 911 Facility, Braxton, WV  
City Net Office Building, Bridgeport, WV  
Columbia Gas Compressor Station, Hardy, WV  
GSA Charleston LEED Administration, Charleston, WV  
GSA Sabraton LEED Administration, Morgantown, WV  
Jamaica House, Jamaica  
Jerry Dove Medical Office Building, Bridgeport, WV  
Marina Tower Office Fitouts, Morgantown, WV  
Percival Hall Chiller & Cooling Tower Replacement, Morgantown, WV  
Phi Sigma Kappa, Morgantown, WV  
Progress Center, Bridgeport, WV  
RL Bland Middle School Field House Renovation, Lewis, WV  
South Ridge Church, Fairmont, WV  
Steptoe and Johnson Office Building, Clarksburg, WV  
Tuscan Ridge, Canaan Valley, WV  
Upshur County Communication Center, Buckhannon, WV  
VA Audiology Suite Renovation, Clarksburg, WV  
VA IT Room Addition, Clarksburg, WV  
Village Retail Center at White Oaks, Bridgeport, WV  
Willowdale Sidewalk, Morgantown, WV  
WVU Alumni Center, Morgantown, WV  
WVU Biomedical Research Facility, Morgantown, WV  
WVU Coliseum Racquetball Court Fitout, Morgantown, WV  
WVU Infrastructure, Morgantown, WV  
WVU Milan Puskar Locker Room Renovations, Morgantown, WV  
WVU Office Fitout at Marina Tower, Morgantown, WV



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Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

## **Jason D. Robinson, E.I.**

### **Structural Engineer**

#### **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:**

Bridgeport Public Safety Substation, Bridgeport, WV  
Canaan Valley Institute, Davis, WV  
Fairmont AFRC, Fairmont, WV  
Gabriel Brothers Renovation, Clarksburg, WV  
Genesis Youth Crisis Center, Clarksburg, WV  
Goshen Baptist Church, Morgantown, WV  
GSA DOE, Morgantown, WV  
Mylan Upper Warehouse to Labs, Morgantown, WV  
The Dayton, Morgantown, WV  
The View at the Park Phase 2, Morgantown, WV  
WVU Child Development, Morgantown, WV  
White Oaks Progress Center, Bridgeport, WV

#### **Courses and Continuing Education:**

WVU Steel Design – Fall 2007  
AISC - Façade Attachments to Steel Frames - September 20, 2007  
ASCE - Reinforced Masonry: Design and Construction - November 8, 2007  
TSN - Cold-Formed Steel Seminar – Load Bearing and Curtain Wall Systems - December 4, 2008  
Lincoln Electric Co. - Blodgett's Welding Design Seminar - October 13-16, 2009



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Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

## **Daniel Stanislawski, E.I.T. Structural Engineer**

### **Education:**

Virginia Military Institute  
B.S. Civil & Environmental Engineering

West Virginia University  
M.S. Civil Engineering

### **Awards/Achievements/Organizations:**

Deans List  
Member of Tau Beta Pi  
Thesis, Structural Response and Finite Element Modeling of Hakka Tulou Rammed Earth Structures

### **Professional Registrations:**

Virginia, Engineering in Training (EIT) License, Candidate #0420 059510

### **Professional Experience:**

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

#### **Experience record:**

WVU Hospital AHU Support, Morgantown, WV  
Stockmeier Urethanes Chiller Platform, Clarksburg, WV  
Davis House Framing, Morgantown, WV  
BMP Spreader Beam Design & Analysis, Bransville, PA  
Jerry Dove Partition Wall Support, Bridgeport, WV  
WVU Foundation Floor Analysis, Morgantown, WV  
BFS Addition Don Knotts Blvd., Morgantown, WV  
NOAA GOES-r Shoring/Support System, Bridgeport, WV  
Lewis County Military Museum, Weston, WV  
First Ward School Rehabilitation, Elkins, WV  
Fairmont State University Turley Center Rehabilitation, Fairmont, WV  
University Towne Center Chevy Buick, Morgantown, WV

# ACOUSTIC DIMENSIONS



# about us

Acoustic Dimensions has substantial experience and extensive expertise in planning, sustainable design and specification of acoustics and AV systems for university facilities for teaching, research, and support services, including facilities for civic, cultural, recreational, and commercial activity.

Our experience with cultural projects has given us the insight to successfully design for the program requirements of our client. We have a substantial understanding of how to make these spaces viable.

We base our design on the requirements defined during a comprehensive needs analysis. The key component of a successful needs analysis is the contribution of the owner. Our design may include acoustical, audio, and audiovisual systems.

Our project experience also includes renovation of facilities with a wide range of existing conditions. Some of the challenges include intrusive traffic and vibration, non-uniform floor loading and clearances, and need to comply with structure renovation requirements.

## ACOUSTICS

Room Acoustics  
Sound Isolation  
Noise and Vibration Control

## PERFORMANCE & LOW VOLTAGE SYSTEMS

AV Systems  
Audio  
Audio Recording  
Audio/Video Teleconferencing  
Broadcast Accommodation  
Broadcast Production  
Cabling Infrastructure  
Distributed Audio  
Distributed Video  
IMAG Production  
IT Systems  
LED Displays  
Production Accommodation  
Security Systems  
Video Production  
Video Projection



### DALLAS

15505 Wright Brothers Drive  
Addison, TX 75001  
972.239.1505

### NEW YORK

145 Huguenot Street  
New Rochelle, NY 10801  
914.712.1300

### SAN DIEGO

1935 Marshall Avenue  
El Cajon, CA 92020  
619.596.4800

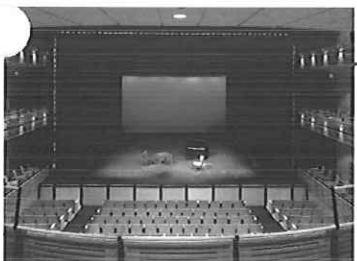
### UK

24 Styvechale Avenue  
Coventry, England CV56DX  
(0) 24.7667.3645

# performance & arts



illinois state university p&a center  
bloomington-normal, illinois



'62 center, williams college  
williamstown, massachusetts



davis recital hall, uni  
cedar falls, iowa



stanley theatre  
utica, new york

## experience

'62 Center for Theatre & Dance, *Williamstown, MA*  
 Asia Society Hong Kong, *Hong Kong*  
 Beau Rivage Theatre, *Biloxi, MS*  
 Benedicta Arts Center, *St. Joseph, MN*  
 Benson Hall, Bethel College, *Arden Mills, MN*  
 Bonn Concert Hall, *Bonn, Germany*  
 Bromsgrove Arts Center, *Bromsgrove, UK*  
 Brooklyn Tabernacle, *Brooklyn, NY*  
 Brown Center, MICA, *Baltimore, MD*  
 Buntrock Community Center, St. Olaf College, *Northfield, M*  
 Centennial Center, *Manitoba, Canada*  
 Challenge America Amphitheatre, *New York, NY*  
 Courtyard Theatre, *Hereford, UK*  
 Dance Theatre Workshop, *New York, NY*  
 El Dorado Showroom, *Reno, NV*  
 Founder's Theatre, *Lennox, MA*  
 Franklin School for the Performing Arts, *Franklin, MA*  
 Gallagher-Bluedorn Performing Arts Center, UNI, *Cedar Falls, IA*  
 Grand Ole Opry, *Nashville, TN*  
 The Gatehouse, *New York, NY*  
 Hard Rock Live!, *Orlando, FL*  
 Hillsong Theatre, *Sydney, Australia*  
 Howard Community College, *Columbia, MD*  
 IBA Casa de la Cultura, *Boston, MA*  
 Illinois State University Performing Arts Center, *IL*  
 Jarvis Conservatory, *Napa, CA*  
 Kazan Concert Hall, *Kazan, Tartarstan*  
 Kennesaw State University, *Kennesaw, GA*  
 Kleinhans Music Hall, *Buffalo, NY*  
 Lawrenceville School Dance Studio, *Lawrenceville, MA*  
 Lincoln Theatre, *Columbus, OH*  
 Lucille Little Theatre, Transylvania University, *Lexington, KY*  
 Mahaiwe Theatre, *Great Barrington, MA*  
 Messiah College, *Grantham, PA*  
 Mercersburg Academy Perf. & Visual Arts, *Mercersburg, PA*  
 Meyerson Symphony Center, *Dallas, TX*  
 Midland Theater, *Newark, OH*  
 Napa Valley College PAC, *Napa, CA*  
 Newport R.I. PAC, *Newport, RI*  
 Niagara University Theatre, *Niagara, NY*  
 Norden Farm Arts Center, *Maidenhead, UK*  
 Ocean Music Venue, *Hackney, UK*  
 Ohio Theatre, *Columbus, OH*  
 Oldham Theatre, *Sparta, TN*  
 Palace Theatre, *Columbus, OH*  
 Peabody Conservatory, *Baltimore, MD*  
 Penn State University--York, Performing Arts Center, *York, PA*  
 Playbox Theatre, *Warwick, UK*  
 PS-21, Performance Space for the 21st Century, *Chatham, NY*  
 Regent Theatre, *Stoke-on-Trent, UK*  
 Roundhouse, *Camden, London, UK*  
 Royal Shakespeare Theatre, *Stratford-upon-Avon, UK*  
 SDSU Performing Arts Center, *Brookings, SD*  
 Seattle Pacific University, *Seattle, WA*  
 Shubert Theatre, *Minneapolis, MN*  
 Southern Theatre, *Columbus, OH*  
 Ted Mann Concert Hall, *Minneapolis, MN*  
 Towson University Center for the Arts, *Towson, MD*  
 University of Baltimore Student Center, *Baltimore, MD*  
 University of California Davis Music Building, *Davis, CA*  
 Victoria Concert Hall, *Stoke-on-Trent, UK*  
 Woolly Mammoth Theatre Company, *Washington, D.C.*  
 Yuba College PAC, *Woodland, CA*

**ACOUSTIC** DIMENSIONS



**Allegheny**  
**Design Services**  
Structural & MEP Engineering

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[www.alleghenydesign.com](http://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 & MEP Engineering*

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Morgantown, WV 26505  
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E-mail: [Dave@AlleghenyDesign.com](mailto:Dave@AlleghenyDesign.com)  
Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

## **FIRM PROFILE - STRUCTURAL**

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. We currently hold licenses in West Virginia, Pennsylvania, Maryland, Virginia, District of Columbia, South Carolina and Ohio.

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 \$300 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 BIM software for the development of project work.

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



**Allegheny**  
**Design Services**  
*Structural & MEP Engineering*

## **FIRM PROFILE - MEP**

Allegheny Design Services/MEP provides mechanical, electrical, and plumbing building design and building analysis as a part of a multi-discipline consulting engineering firm.

Dedicated to serving West Virginia and the surrounding region, ADS/MEP recognizes the need for reliable and full service engineering support. ADS/MEP 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 and Ohio.

ADS/MEP was established in 2009 as a result of a need in North Central West Virginia for reliable mechanical, electrical and plumbing engineering services. ADS/MEP utilizes a combination of office technology and a motivated staff to deliver projects typically up to \$15 million in construction value. ADS/MEP's experience exceeds twenty-five years in the Design and Project Management of Commercial, Industrial, Institutional and Educational Facilities. Our clients include architects, contractors, developers, attorneys, and insurance companies.

The engineers at ADS utilize BIM (Building Information Modeling) design software analysis tools as well as traditional CAD design software. We also practice current trends in sustainable building system design as two full time staff members are certified LEED AP by the Green Building Certification Institute (GBCI).

ADS/MEP has the capacity to provide LEED administration services to obtain LEED certification. We work closely with the project designers, contractors, and owner to set the most practical project credit goals and develop a plan to obtain LEED certified, silver, gold, or platinum ratings. LEED goals should be verified early during the design phase to maximize possible credits and properly integrate green building practices into the whole building design. ADS will provide commissioning services to develop a master commissioning plan that outlines each parties responsibilities throughout the commissioning process during design, construction, and occupancy phases.

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



**Allegheny**  
**Design Services**  
*Structural & MEP Engineering*

## **ALLEGHENY DESIGN SERVICES' EXPERIENCE TEAMING WITH PARADIGM ARCHITECTURE**

### **Boathouse Bistro Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the Boathouse Bistro. The building houses a restaurant, a docking facility, and WVU Crew Team storage. The \$5 Million facility was completed in 2007.



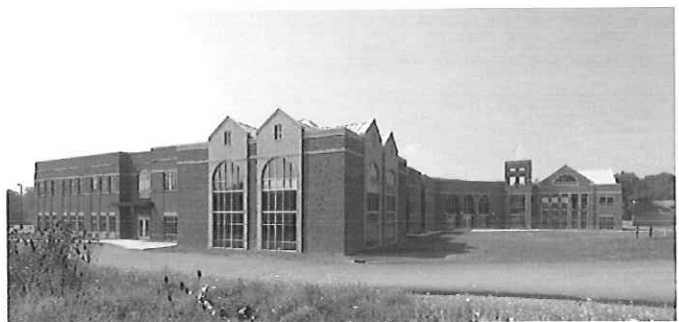
### **Cacapon Resort State Park Addition and Renovations Cacapon, WV**

ADS is a consultant to Paradigm Architecture for the Cacapon Resort State Park Improvement Projects. ADS will be providing design of foundations and structural system design. The new addition provides an additional 79 guest rooms, swimming pools, new dining facilities and commercial kitchen, and a spa and fitness area. Additional renovations to the resort includes golf course upgrades, as well as water and wastewater treatment upgrades. This is a Design-Bid-Build Project.



### **Chestnut Ridge Church Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the Chestnut Ridge Community Church. At the time of completion in 2006 this was the largest church facility in West Virginia. At a cost of \$12 Million, it houses an education/gymnasium wing, administrative offices, and a 2000 seat sanctuary.





# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

### **Davis & Elkins College Athletic Center Elkins, WV**

ADS was a consultant to Paradigm Architecture for the Davis & Elkins College Athletic Center. The building houses a gymnasium, offices, and classrooms. At a cost of \$6 Million it was completed in 2006.



### **Davis & Elkins College Benedum Hall Renovation Elkins, WV**

ADS was a consultant to Paradigm Architecture for the Davis & Elkins College Benedum Hall Renovation. This 16,000 square foot renovation to Benedum Hall included the addition of a rotunda at the entrance. The work was completed in 2003.



### **The Dayton Morgantown, WV**

ADS was a consultant to Paradigm Architecture for The Dayton. The Dayton is a 3 story modular building located at the corners of Ridgeway Avenue, Dayton Street and Richwood Avenue in Morgantown, WV. The building is a mixed used residential housing project with parking garage and retail space located on the ground level. ADS was responsible for foundation and structural system design.





# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

### **Fairmont State University Hardway Hall Entrance Renovation** **Fairmont, WV**

ADS was a consultant to Paradigm Architecture for the FSU Hardway Hall Entrance Renovation. This project consisted of Water Damage Restoration, Porch Deck Restoration and Structural Stabilization. This project was completed in 2010 for approximately \$500,000.



### **Fairmont State University Parking Garage** **Fairmont, WV**

ADS was a consultant to Paradigm Architecture for the FSU Parking Garage. This design-build project was completed in 2003 at a cost of \$9.2 Million. This 900 car capacity facility was built over mine cavities which required pre-grouting.



### **Glade Springs Hotel & Conference Center** **Daniels, WV**

ADS was a consultant to Paradigm Architecture for the Glade Springs Hotel & Conference Center. The facility consists of a 40,000 sq. foot hotel wing, a 12,000 sq. foot conference center and a 2,000 sq. foot Porte Coche. It was completed in 2005 at a cost of \$5 Million.





# Allegheny Design Services

Structural & MEP Engineering

## **GSA - Department of Energy Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the GSA - DOE. This office and records storage building was completed in 2009. At a cost of \$8 Million (shell only). LEED Gold (Core & Shell); LEED Gold (Commercial Interiors); 2010 Excellence in Construction by the Associated Builders & Contractors, Inc.—WV Chapter.



## **GSA/USDA Building Sabraton, WV**

ADS was a consultant to Paradigm Architecture for the USDA Building located in the Sabraton Area of Morgantown. ADS provided foundation and structural system design. This project is registered as a LEED Certified Building.



## **KeyLogic Renovation Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the KeyLogic Renovation. This project consisted of renovating the entire building, new elevator shaft tower and front façade addition. This renovation was completed in 2010 for \$1.6 Million.





# Allegheny Design Services

Structural & MEP Engineering

## **Marina Tower** Morgantown, WV

ADS was a consultant to Paradigm Architecture for the Marina Tower. At a cost of \$10 Million (shell only) this building was completed in 2009. The eight story structure was a winner of an Excellence in Construction Award from Associated Builders and Contractors, WV Chapter.



## **Middletown Tractor** Fairmont, WV

ADS was a consultant to Paradigm Architecture for the Middletown Tractor Building. This project consists of a 20,000 sq. ft. Sales and Supply Facility, Pre-Engineered Metal Building and Shallow Foundation System. This project was completed in 2011 for approximately \$1.7 Million.



## **Morgantown Event Center** Morgantown, WV

ADS is a consultant to Paradigm Architecture for the new Morgantown Event Center and Parking Garage, located in the Wharf District of Morgantown, WV. ADS is providing foundation and structural system design.





# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

### **Morgantown Event Center Parking Garage Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the Morgantown Event Center Parking Garage. This project consists of a 500 car parking garage. This project was completed in 2010 for approximately \$5 Million.



### **Pillar Innovations Office Building Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the Pillar Innovations Office Building. This project consists of a 2-Story Office Building with 20,000 Sq. Ft. Total Space, Structural Steel and Shallow Foundations. This project was completed in 2011 for approximately \$3.5 Million.



### **Trinity Christian School Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the Trinity Christian School. The 50,000 square foot high school was completed in 2004 at a cost of \$5 Million.





# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

### **The View at the Park** **Morgantown, WV**

ADS was a consultant to Paradigm Architecture for The View at the Park. The 6 story building contains 56 apartments. It was completed in 2003 at a cost of \$6 Million.



### **Waterfront Place Hotel & Conference Center** **Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the Waterfront Place Hotel & Conference Center. The \$33 Million hotel and conference center was completed in 2003. The 17 story building contains 300,000 sq. foot of heated space with a lower level parking garage.



### **West Virginia University Greenhouse** **Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the WVU Greenhouse. This project is a replacement facility for the current Greenhouse and Headhouse for the AG-Science Department on the Evansdale Campus. The size of the project is defined as roughly 8,500 SF for the Headhouse and 18,600 SF for the Greenhouse. The location of the project is on the current site of the existing Greenhouse facility. The new building will utilize the campus steam line for mechanical systems.





# **Allegheny Design Services**

*Structural & MEP Engineering*

## **West Virginia University Honors Dormitory Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the new Honors Dormitory located on West Virginia University's downtown campus. This project was completed in 2009 for approximately \$17.65 Million. ADS was responsible for overall foundation and structural system design.



## **WVU Mountaineer Station Morgantown, WV**

ADS was a consultant to Paradigm Architecture for the WVU Mountaineer Station. The \$17 Million facility contains a 500 car parking garage, offices, public space, and retail space. It was completed in 2009. This project was a West Virginia AIA Merit Award Winner 2010; 2010 Excellence in Construction by the Associated Builders & Contractors, Inc.—WV Chapter; International Parking Institute 2011 Awards of Excellence Honorable Mention Winner.





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

DCH12101

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF

SHELLY MURRAY  
304-558-8801

RFQ COPY

TYPE NAME/ADDRESS HERE

Paradigm Architecture, Inc.  
2223 Cheat Road, Suite 300  
Morgantown, WV 26508

DIVISION OF CULTURE & HISTORY  
GRAVE CREEK ARCHEOLOGY COMPLEX  
801 JEFFERSON AVENUE  
PO BOX 527  
MOUNDSVILLE, WV  
26041 304-558-0220

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS		
04/12/2012						
BID OPENING DATE: 04/25/2012		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
EXPRESSION OF INTEREST						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF CULTURE & HISTORY, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL AND ENGINEERING SERVICES FOR RENOVATION OF RESTROOMS AND AUDITORIUM SPACES AT THE GRAVE CREEK ARCHEOLOGY COMPLEX, 801 JEFFERSON AVENUE, MOUNDSVILLE, WV, 26041 PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.						
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXHIBIT 3						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE UPON AWARD AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE				TELEPHONE 304.284.5015	DATE May 1, 2012	
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  
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UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT BY THE STATE OF WEST VIRGINIA, ITS AGENCIES, OR POLITICAL SUBDIVISIONS, THE TERMS, CONDITIONS, AND PRICING SET FORTH HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.						
RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.						
CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.						
OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.						
THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304.284.5015	May 1, 2012
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
President	63-1263568	

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SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.						
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: SHELLY MURRAY						
RFQ. NO.: DCH12101						
BID OPENING DATE: 04/25/2012						
BID OPENING TIME: 1:30 PM						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304.284.5015	May 1, 2012
TITLE	FAX	ADDRESS CHANGES TO BE NOTED ABOVE
President	63-1263568	

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State of West Virginia  
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04/12/2012				

BID OPENING DATE: 04/25/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
TO CONTACT YOU REGARDING YOUR BID: pwalker@paradigm-arch.com or 304.284.5015						
CONTACT PERSON (PLEASE PRINT CLEARLY): Paul A Walker AIA						
***** THIS IS THE END OF RFQ DCH12101 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304.284.5015	May 1, 2012
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
President	63-1263568	

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

STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

**West Virginia Code §5A-3-10a states:** No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

### DEFINITIONS:

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

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

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

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

### WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Paradigm Architecture, Inc.

Authorized Signature: [Signature] Date: May 1, 2012

State of West Virginia

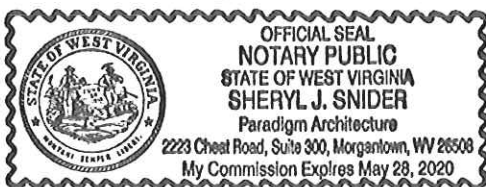
County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 1st day of May, 2012.

My Commission expires May 28, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]





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BID OPENING DATE: 05/02/2012		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
----- ADDENDUM NO. 1 -----						
THIS ADDENDUM IS ISSUED TO EXTEND THE BID OPENING DATE						
FROM: 04/25/2012						
TO : 05/02/2012						
0001	1	IS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXHIBIT 10						
REQUISITION NO.: DCH12101						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED						
ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO						
MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						
NO. 1 . . . X . . . . .						
NO. 2 . . . . .						
NO. 3 . . . . .						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE		TELEPHONE 304.284.5015			DATE May 1, 2012	
TITLE President		FEIN 63-1263568			ADDRESS CHANGES TO BE NOTED ABOVE	

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



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04/13/2012				

BID OPENING DATE: 05/02/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
NO. 4 .....						
NO. 5 .....						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF 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, Inc.		
				COMPANY		
				May 1, 2012		
				DATE		
NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.						
----- END OF ADDENDUM NO. 1 -----						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304.284.5015	May 1, 2012
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President	63-1263568	

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