Paradigm Architecture

West Virginia Army National Guard
Field Maintenance Shop
Buckhannon, West Virginia

Sealed Bid
Buyer 32
RFQ NO: DEFK10020

June 17, 2010
1:30 pm

Expression of Interest
Architectural and Engineering Services

Par·a·digm - (păr´-ə-dīm´) *n.* An example that serves as pattern or model.

Paradigm
Architecture

16 June 2010

Purchasing Division
2019 Washington Street, East
Charleston, WV 25305-0130

RE: EOI for the West Virginia Army National Guard Field Maintenance Shop
Buckhannon, West Virginia
DEFK10020

To Whom It May Concern:

Paradigm Architecture Inc. is pleased to submit this Expression of Interest for the Field Maintenance Shop for the West Virginia Army National Guard in the vicinity of Buckhannon, West Virginia. We have assembled a team of highly qualified professionals to work on this project. In this proposal, we will provide our firm description, experience, and reasons why we are uniquely positioned to serve the West Virginia Army National Guard.

We have ***experience*** designing a variety of government projects, at federal, state, and local levels. These include the recently completed **Morgantown Events Center**, which houses a large multifunctional main event room (22,275 sf), a full catering kitchen and related food service support spaces, and multiple conference and meeting room facilities. Other recent examples include office and storage buildings for the **U. S. Department of Agriculture** and the **U. S. Department of Energy** in Morgantown, WV, which are **LEED** Certified and **LEED** Gold (pending), respectively. The facility for the Department of Energy incorporated numerous anti-terrorism protection systems. In addition, we have designed a variety of maintenance and industrial facilities such as **G. R. Manufacturing, Elmwood Cemetery Maintenance Shop, Enterprise Car Wash**, **Coca Cola Cross Dock Facility,** as well as parking garages for **Fairmont State University** and **West Virginia University.**

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), and Russell Medical Center**. Please check our references with any of these clients.

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** (pending), respectively. The new Morgantown Event Center is designed to LEED Certification standards; however, the Owner did not seek certification.

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

Paradigm
Architecture

Our ***team*** consists of specialized engineers and consultants that share our commitment to service and quality and will best serve the technical requirements and demands of this project. All have abundant experience with similar clients and project types, including work on multiple ***defense*** projects. **KCI Technologies, Inc.** will provide Civil Engineering services. **Allegheny Design Services** will provide Structural Engineering services. **H. F. Lenz Company** will provide Mechanical, Electrical, and Plumbing Engineering services. We have extensive professional relationships with these engineers and have successfully completed many projects together.

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 Walker, AIA
President, Paradigm Architecture

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Birmingham, AL 35244
Tele 205•403•2742 205•403•2743 Fax

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Morgantown, WV 26508
Tele 304•284•5015 304•284•5014 Fax

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	PAGE
DEFK10020	1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
BUYER 32
304-558-2544

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE

SHIP TO
DIV ENGINEERING & FACILITIES
ARMORY BOARD SECTION

1707 COONSKIN DRIVE
CHARLESTON, WV
25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/21/2010				

BID OPENING DATE: 06/17/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		

BUCKHANNON FIELD MAINTENANCE SHOP

THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA ARMY NATIONAL GUARD, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING SERVICES FOR THE BUCKHANNON FIELD MAINTENANCE SHOP IN UPSHUR CO., WEST VIRGINIA, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.

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.

****** THIS IS THE END OF RFQ DEFK10020 ****** TOTAL:

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304.284.5015	June 16, 2010

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

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

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

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TYPE NAME/ADDRESS HERE

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DIV ENGINEERING & FACILITIES
ARMORY BOARD SECTION

1707 CODNSKIN DRIVE
CHARLESTON, WV
25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/25/2010				

BID OPENING DATE: 06/17/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
	********** ADDENDUM NO. 1 **********					
	ADDENDUM ISSUED FOR THE BUCKHANNON FIELD MAINTENANCE SHOP DESIGN CONTRACT TO CORRECT THE PROJECT LOCATION AS STATED IN SECTION 1.2 OF THE EXPRESSION OF INTEREST PROJECT IS LOCATED IN BUCKHANNON, WV, WITH AN ESTIMATED 32,955 SQUARE FOOTAGE.					
	BID OPENING DATE AND TIME REMAIN 06/17/2010 AT 1:30 PM.					
	********** NO OTHER CHANGES **********					
0001	1	JB		906-29		
	BUCKHANNON FIELD MAINTENANCE SHOP					
	****** THIS IS THE END OF RFQ DEFK10020 ******				TOTAL:	

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE [signature] TELEPHONE 304.284.5015 DATE June 16, 2010

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

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

RFQ No. DEFK10020

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 exceed 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: _____ Date: June 16, 2010

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 16th day of June, 20 10.

My Commission expires May 28, 20 20.

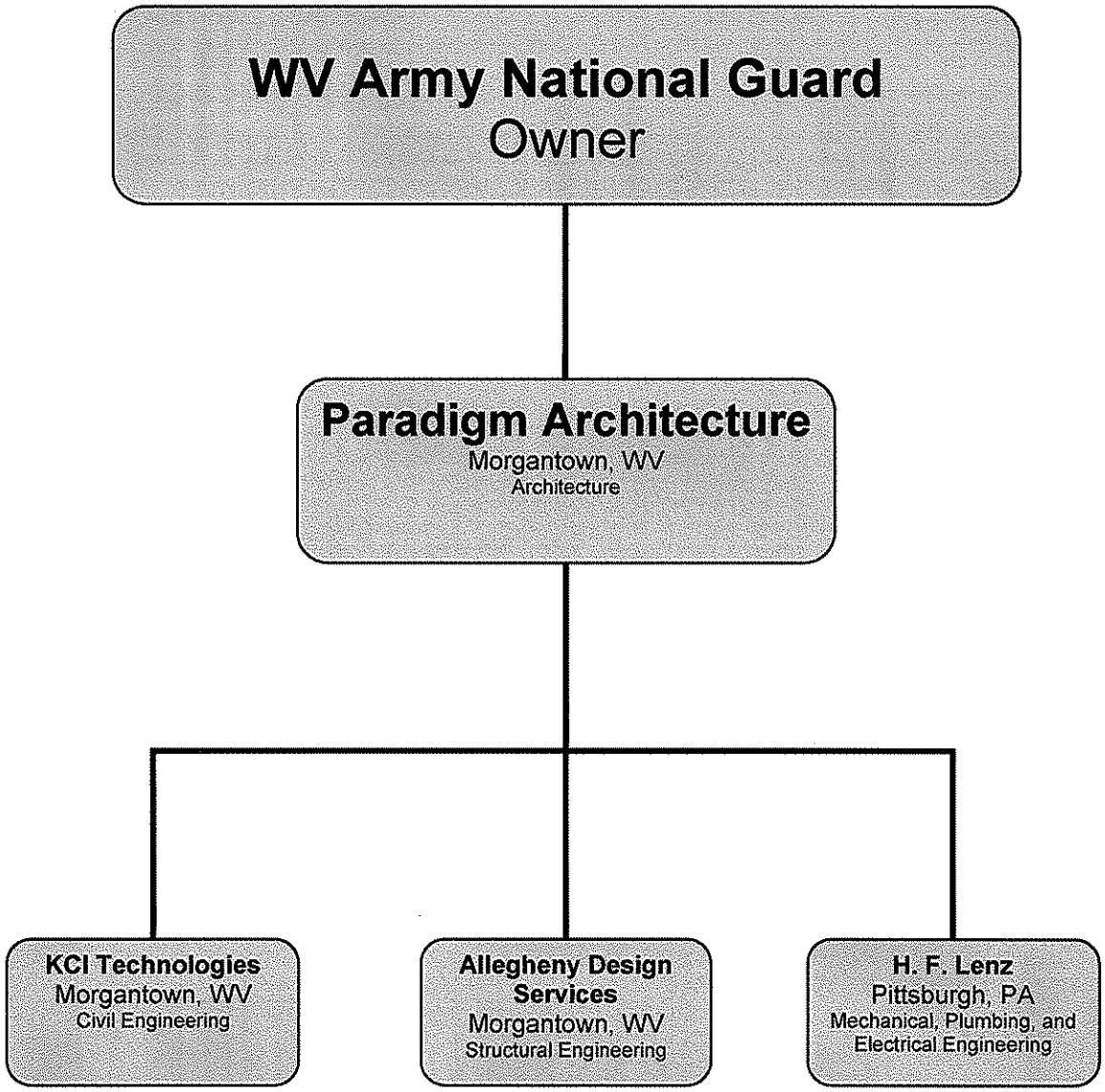
AFFIX SEAL HERE

NOTARY PUBLIC Sheryl J. Snider

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
SHERYL J. SNIDER
Paradigm Architecture
2223 Cheat Road, Suite 300, Morgantown, WV 26508
My Commission Expires May 28, 2020

WV Army National Guard
Construction and Facilities Management Office
Architectural and Engineering Services

Organizational Chart of Proposed Team



Firm History

Paradigm Architecture

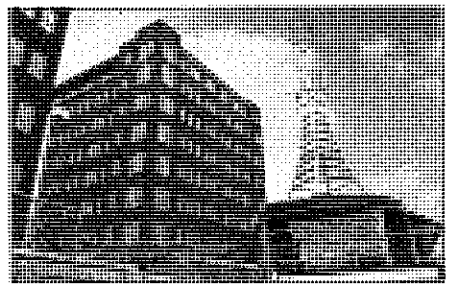
Paradigm Architecture was formed in October of 2000 by a group of likeminded individuals who believe that architecture provides the opportunity to practice the career that we love. We as individuals and as team members of a firm have a responsibility to exhibit that passion in the manner in which we live our lives.

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

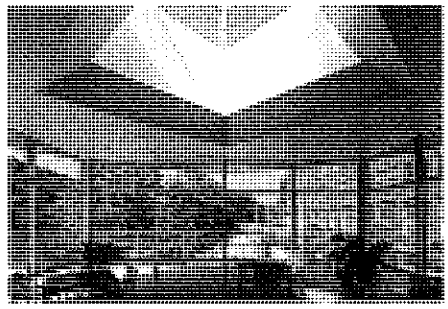
This represents our highest ideals...
that our architecture would serve as an example
that our client service would serve as an example
that our service to our God would serve as an example.

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.



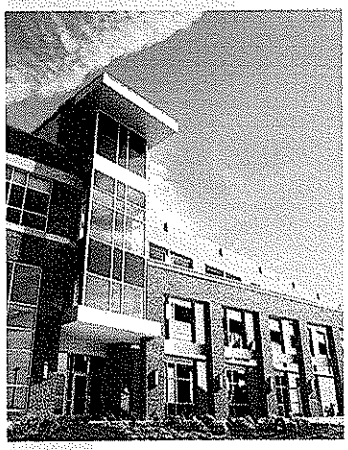
Waterfront Marina



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

Honors & Awards

Paradigm Architecture



WVU Transportation Center & Garage

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

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

Main Street Morgantown

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

Alabama Masonry Institute

2004 – The Top Block Award for
Russell Professional Office Building III, Alexander City, AL

Pittsburgh Corning Glass Block

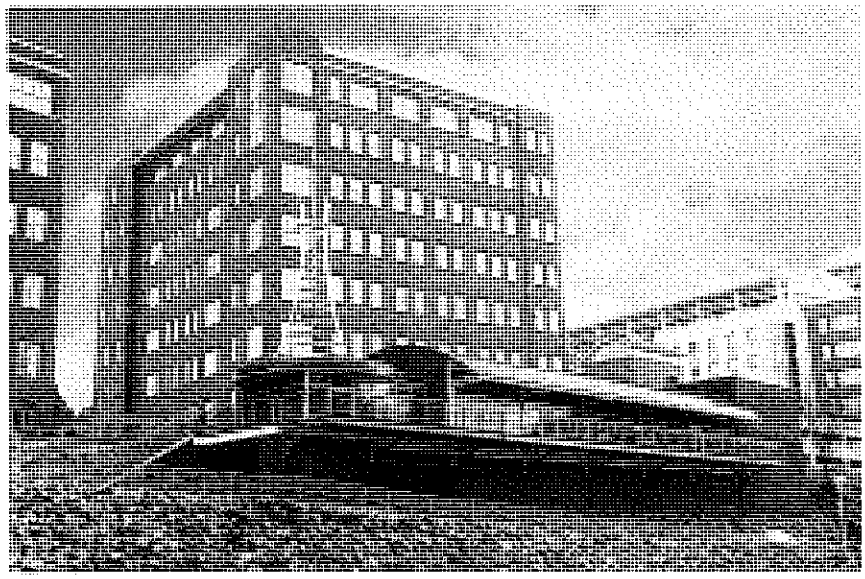
2004 – The Circle of Design Excellence Award for
Lightning Strikes Family Fun Center, Trussville, AL

Upper Monongahela River Center

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

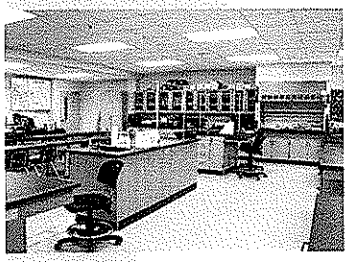


Upper Monongahela River Center

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

Firm Profile

Paradigm Architecture

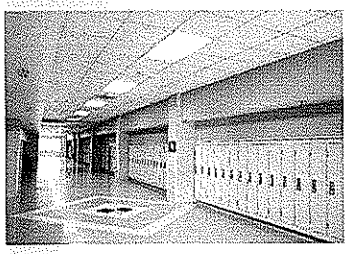


Trinity Christian School

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

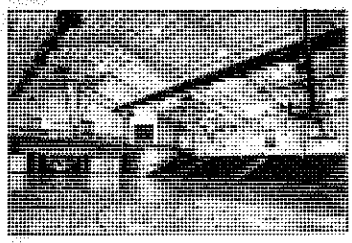
Paradigm Architecture has experience in a broad range of project types. This work includes private individual, corporate, governmental, educational, and institutional clients.



Trinity Christian School

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.



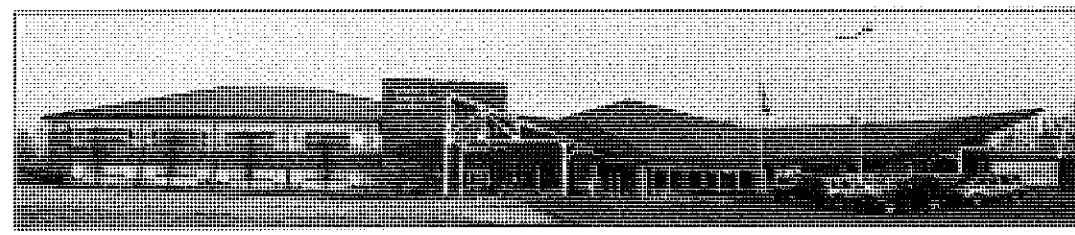
Trinity Christian School

Educational

Educational experience includes administrative office space, parking facilities, student housing, libraries, student centers, athletic facilities, 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.

Institutional

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



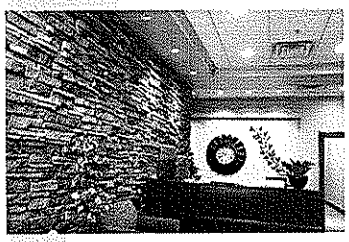
Trinity Christian School

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

Firm Profile

Paradigm Architecture

Russell Medical Center



Glenmark Office Building

Food Service

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

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

Sustainable Design

Paradigm Architecture

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 Certification is pending)

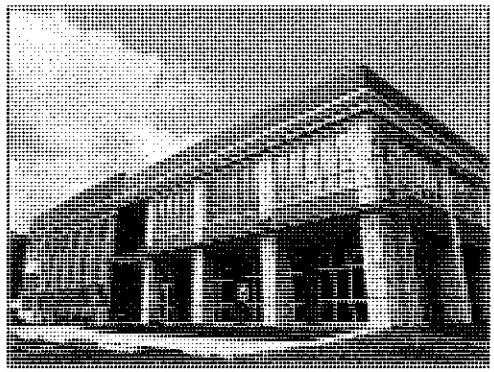
U.S. Department of Agriculture Office Building, Morgantown, WV
(LEED Certified)

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

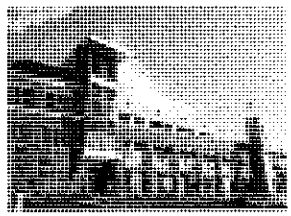
Par·a·digm - (păr´e-dīm´) *n.* **An example that serves as pattern or model.**

References

Paradigm Architecture

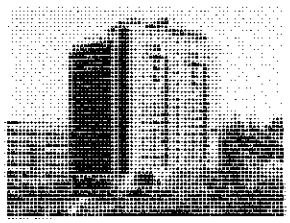
Mr. John Thompson
Manager of Construction Services
West Virginia University
979 Rawley Avenue
Morgantown, West Virginia
(304) 293-3625

West Virginia University Intermodal Garage



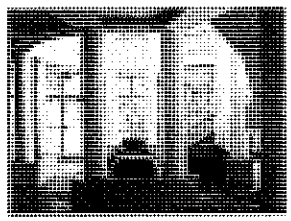
Mr. G. Richard Lane II, AICP
Petroplus Lane, LLC.
150 Clay Street, Suite 200
Morgantown, West Virginia
(304) 284-5000

Waterfront Place



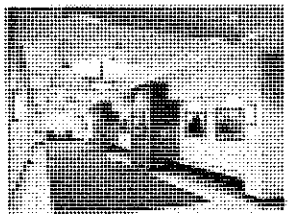
Mr. Ron Selders
Davis & Elkins College
100 Campus Drive
Elkins, West Virginia
(304) 637-1900

Davis & Elkins College Athletic Center



Mr. James Decker
Fairmont State University
1201 Locust Avenue
Fairmont, WV 26554-2470
(304) 367-4100

Fairmont State University Conference Center

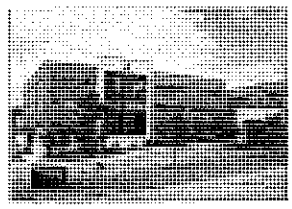


Mr. Brian Johnson
Bright Enterprises
PO Box 460
Summersville, WV 26651
(304) 872-3000 Ext. 219

Glade Springs Clubhouse Expansion

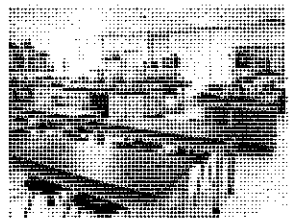
Mr. Jim Peace
Russell Medical Center
3316 Highway 280
Alexander City, AL 35010
(256) 329-7147

Russell Medical Center Physician's Office Building #3



Mr. Mike Staud
Principal, Construction Director
Trinity Christian School
Morgantown, West Virginia
(304) 291-4659

Trinity Christian School



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

Customer Relationships, Quality Control & Management

Paradigm Architecture

Customer Relationships and Quality Assurance

Glade Springs Resort

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

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 charettes to interviews with maintenance staff to feedback meetings at the conclusion of design phases.

Chestnut Ridge Church

Construction Contract Administration

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 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.

Customer Relationships, Quality Control & Management

Paradigm Architecture

From Program to Design to Construction

Trinity Christian School

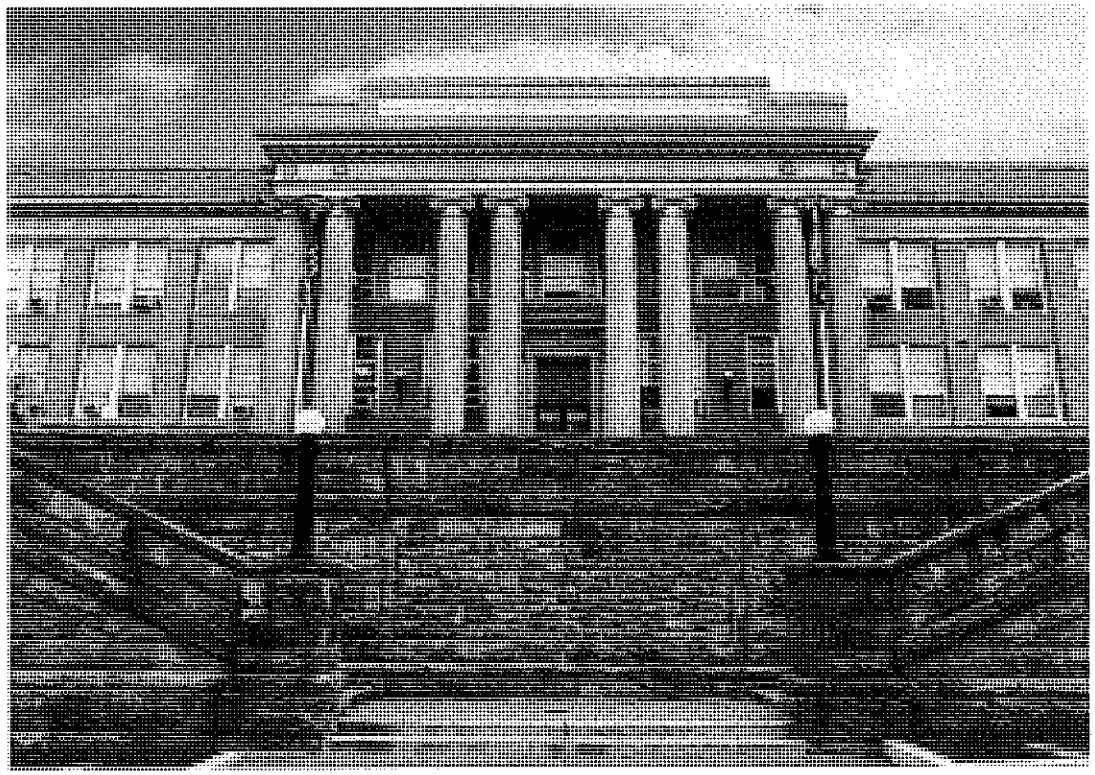
Once a program has been established, Paradigm Architecture will lead the design team through Schematic Design, Design Development, and Construction Documents. Schematic Design Deliverables will include Preliminary Architectural Floor Plans and Elevations, as well as Systems Narratives by all consultants. 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 3d renderings for marketing purposes. Construction Documents Deliverables will include fully developed and completed drawings and specifications from all disciplines.

Davis & Elkins College Madden Student Center

At all phases, an updated cost estimate will be provided 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.

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, lowest responsible bidder approved, and a Construction Contract issued, Paradigm will provide Construction Contract Administration Services as described above.

WVU Intermodal Garage



Fairmont State University Hardaway Hall

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

Customer Relationships, Quality Control & Management

Paradigm Architecture

Teamwork

Fairmont State University Falcon Center

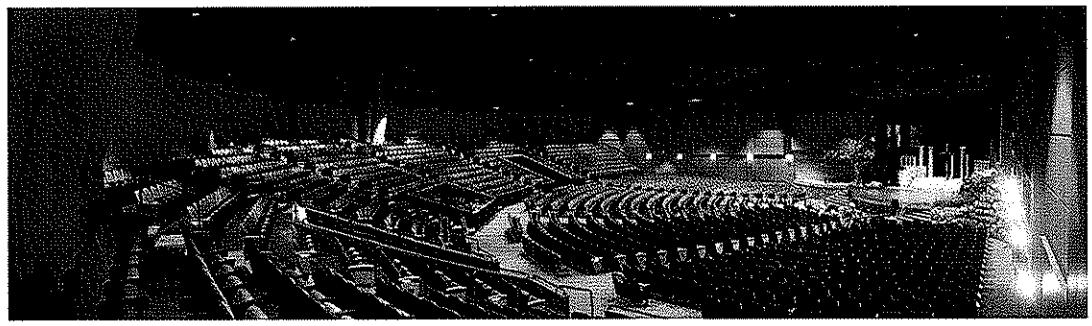
It has always been our philosophy that successful projects are the result of successful team relationships. And on any given construction project there are a lot of relationships that come into play: owners, developers, facilities managers, architects, engineers, contractors, subcontractors, financial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

Chestnut Ridge Church

Technology

Fairmont State University Classroom

Paradigm Architecture prides itself on streamlining our project delivery and management methods. One of the ways we do this is to utilize the latest technology, including web based project collaboration sites, electronic communication, electronic submittals for review and approval, video conferencing and the latest software packages for 3D renderings, Computer Aided Drafting (CAD), and Building Information Modeling (BIM). Our current software packages include the latest versions of Revit Architecture, Autocad Architecture, 3-D Studio, and Speclink. Far from the older methods of hand drafting, these tools help us to deliver faster and better coordinated projects, have fewer problems in the field, and provide the owner with excellent visualization tools during project development. We are always pursuing additional training and education for all our staff, including "in house" workshops, seminars, and online education for topics such as green building, BIM, project delivery and management, and current codes.



Chestnut Ridge Church

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

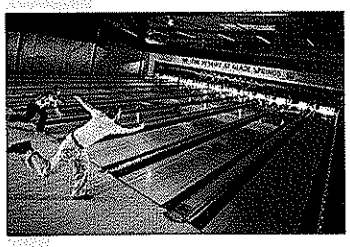
Customer Relationships, Quality Control & Management

Paradigm Architecture

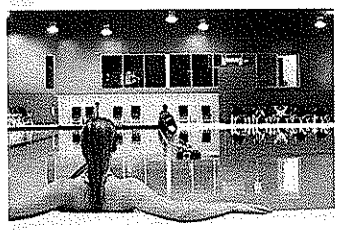
Project Delivery

Glade Springs Clubhouse

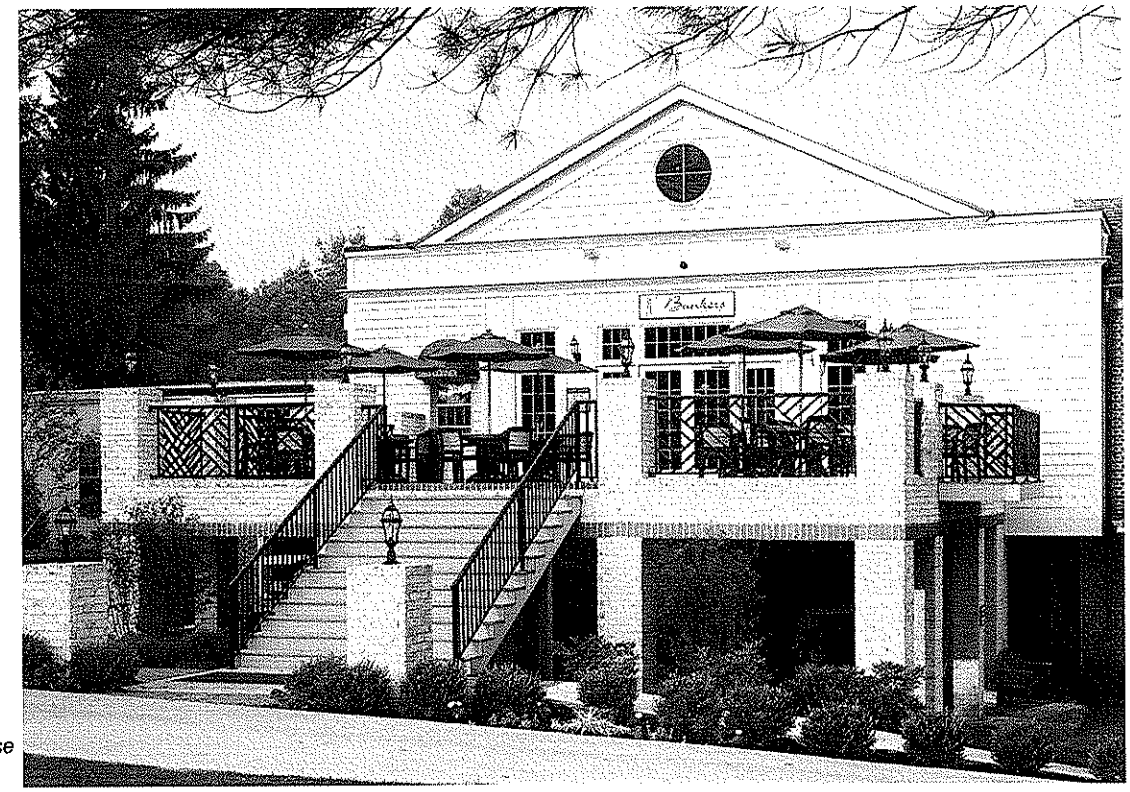
We have successfully used a wide range of project delivery types on both public and private projects: design-bid-build, negotiated, design-build, develop-design-build, fast track, construction management agency, and construction management where the construction manger is also the contractor. We have 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.



Glade Springs Clubhouse



Glade Springs Clubhouse

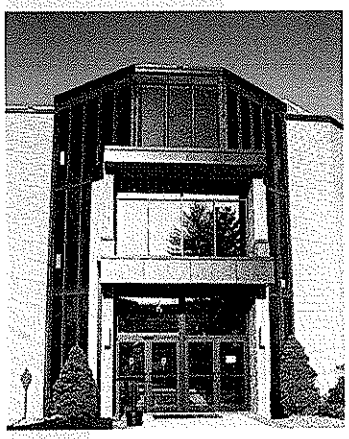


Glade Springs Clubhouse

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

Customer Relationships, Quality Control & Management

Paradigm Architecture



Fairmont State University
Hunt Haught Hall

Project Coordination

We have designed and managed a wide range of complicated project types through carefully coordinated teaming arrangements with highly specialized consultants. These project types range from educational and high rise, mixed-use buildings to multi-function event centers to major hospital expansions. These project types require multiple specialized disciplines that must be effectively managed and coordinated. Paradigm utilizes advanced techniques to accomplish this including internet-hosted project sites for collaboration, online meetings, video conferencing, and Building Information Modeling. Although many design firms may be learning to use this technology today, what separates Paradigm is that we have been utilizing advanced technology from day one of operation and have many local example projects where it was used.

Building Information Modeling (BIM)

Of particular interest is our use of BIM. More than just a 3D visualization tool, BIM allows for all disciplines to conduct "clash detection" tests for various disciplines and building components before the project goes to bid. This is extremely crucial for above ceiling coordination among the structural and MEP components. Use of BIM technology can result in better coordinated construction documents and less changes in the field. In addition, BIM allows the Owner to virtually experience the project before it is constructed. Utilizing Animations, we can "walk" the Owner through the building so that room layout surprises are eliminated during design. The use of renderings allows for careful material selections and presentations to internal departments and project stakeholders. At the conclusion of the project, the as-built model can be turned over to the Owner's Facilities Management Department for an actively working database to be used for years to come.

Fairmont State University
Hunt Haught Hall

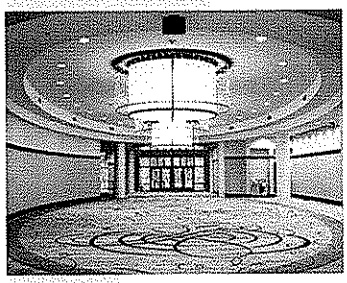
Document Review and Coordination

In addition to using BIM, Paradigm has a tested methodology of coordination reviews and "check set" submissions throughout various stages of the project. These typically fall at the conclusion of Schematic Design, Design Development, 50% Construction Documents, and 95% Construction Documents. The Project Manager will carefully review and coordinate the documents from all disciplines and issue markups back to the team for incorporation. These checks will include (but are not limited to) coordination of utility layouts above ceiling with the structural systems, all vertical risers, life safety and code reviews, building program backchecks, specifications, and incorporation of the Owner's **Design Guidelines and Standards**. The Owner will be given an identical "check set" at each submission for review and comment. In addition to Paradigm's existing coordination methodology, we have adopted and are incorporating the RediCheck Review System. ". . . Proven to reduce costs and avoid unnecessary delays . . . RediCheck is the only coordination review system recognized by both the American Institute of Architects and the American Consulting Engineers Council." At the Owner's request, an independent Quality Control Review can be conducted by RediCheck Associates.

Customer Relationships, Quality Control & Management

Paradigm Architecture

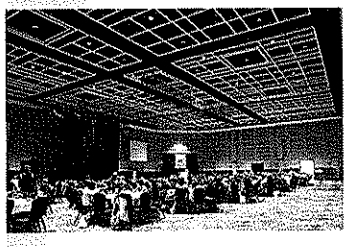
Facilities Operations and Maintenance



Morgantown Event Center

Recognizing the importance of long-term building operations and maintenance concerns, as well as building lifecycle costs, we encourage the involvement of the Owner's Facilities Management and/or Physical Plant staff throughout the project. We prefer to allow the engineers to get direct feedback from these individuals and we value their input to the selection of materials and systems. We diligently work to avoid past issues and concerns that have risen on past projects. In addition, our consultants have abundant experience in providing solutions and alternatives to pre existing maintenance conditions to alleviate those problems, provide a better building environment, and reduce lifecycle costs. This experience gives our team first-hand experience on the importance of having this staff involved with the design and allows for better decision making with the materials and systems selection.

Critical Path Method



Morgantown Event 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.

Morgantown Event Center

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

Customer Relationships, Quality Control & Management

Paradigm Architecture

Cost Control

Glade Springs Resort
Hotel and Conference Center

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

WVU Intermodal Garage

Fast Track

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.

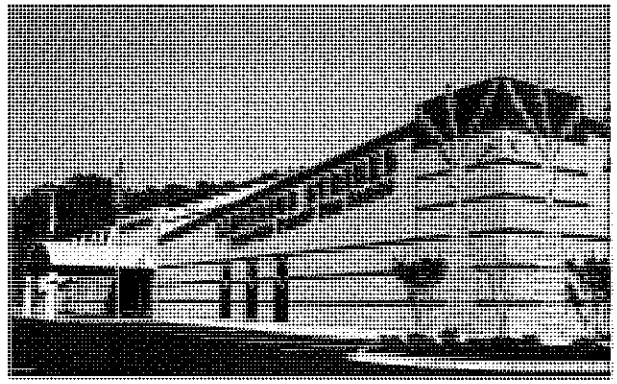
Insurance Coverage

Commercial General Liability
$1 million per occurrence
$2 million aggregate

Auto Liability
$1 million combined single limit

Excess Umbrella
$1 million per occurrence
$1 million aggregate

Professional Liability
$1 million per occurrence
$2 million aggregate



Lightning Strikes
Trussville Family fun Center

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

Customer Relationships, Quality Control & Management

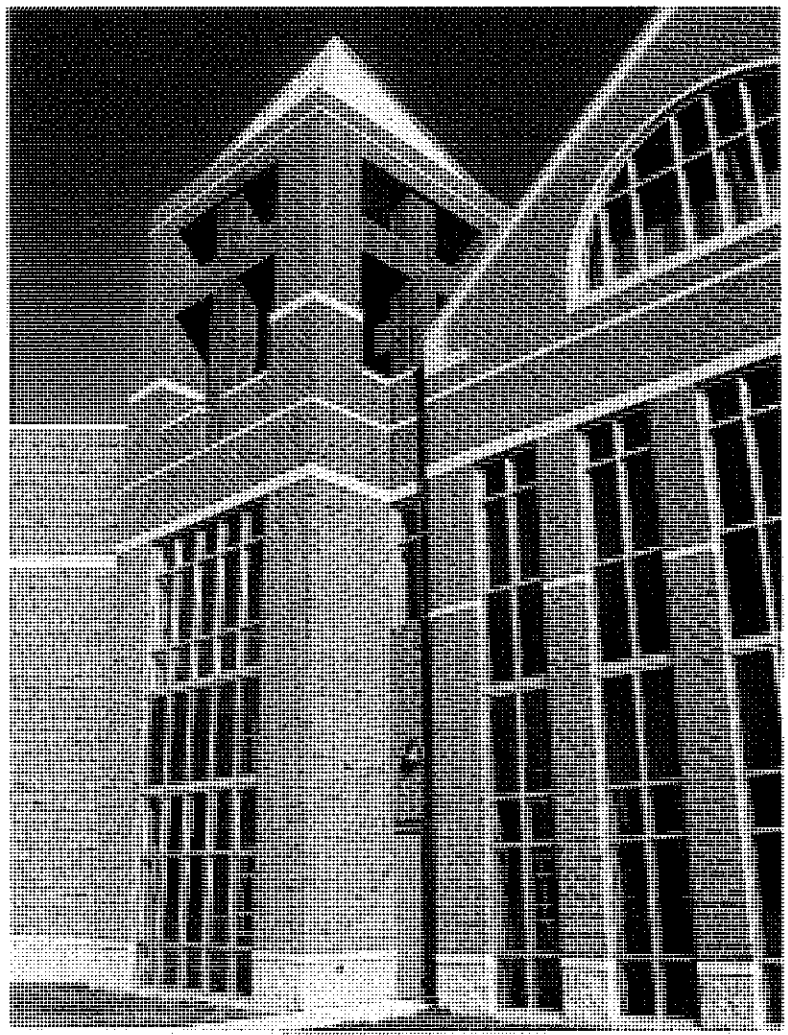
Paradigm Architecture

Disclosure of Ongoing Litigation and Claims History

Paradigm Architecture has filed a formal complaint in Jefferson County, Alabama, for nonpayment for services rendered on one project. Otherwise, Paradigm Architecture and its staff have not been involved in any litigation or arbitration. Our firm and its staff are free from all obligations; interest and regulatory problems that might be or appear to give rise to any conflicts of interest.

Glade Springs Resort Hotel and Conference Center

Although this is only a summary of our quality control and management procedures, we hope it has helped you gain insight into the services that we provide. We also actively review our internal operations and gather feedback from clients, consultants and contractors. We will quickly make firm wide adjustments when we see areas that could be improved in order to continue providing excellent service. We think this model of excellent service is acknowledged by our continued and growing list of repeat clients. We welcome you to call any of our references for further insight into how we may best serve you.



Chestnut Ridge Church

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

Paul A. Walker, AIA

President, Principal-in-Charge and Design Architect

Paradigm Architecture

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

Architectural Registration

NCARB

WV / AL / FL / NC / PA

Education

University of Tennessee

Knoxville, TN

Bachelor of Architecture, 1982

Professional, Civic and Other Activities

American Institute of Architects

Board Member
Chestnut Ridge Church

Trinity Christian School
Morgantown, West Virginia
Completed: Summer 2005
Cost: $8 Million

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

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

United States Department of Energy
Office of Legacy Management
Records Storage Facility
Morgantown, West Virginia
Completed: Summer 2009
Cost: $8 Million (Shell)

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

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

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

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

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

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

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

West Virginia University
Coliseum and Athletic Office Renovations
Morgantown, West Virginia
Completed: Summer 2008
Cost: $1.5 million

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

West Virginia University
Intermodal Garage
Morgantown, West Virginia
Completed: Fall 2009
Cost: $14.5 Million

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

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

Jonathan L. Perry, AIA, LEED AP

Project Manager

Paradigm Architecture

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

Architectural Registration

NCARB

West Virginia

Education

University of Alabama at Birmingham
Birmingham, AL
Master of Engineering in Construction Management
2009

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

Politechnika Krakowska
Krakow, Poland
Semester Abroad, 1998

Professional, Civic and Other Activities

American Institute of Architects

LEED Accredited Professional

Construction Documents Technologist

Lecturer at University of Alabama at Birmingham

Trinity Christian School
Morgantown, West Virginia
Completed: Summer 2005
Cost: $8 Million

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

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

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

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

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

Russell Medical Center
Professional Office Building #3
Alexander City, Alabama
Completed: Spring 2004
Cost: $4.1 Million

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

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

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

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

Fairmont State University
Colebank Hall Data Center Build-Out
Fairmont, West Virginia
Completed: May 2007
Cost: $400,000

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

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

David H. Snider, AIA

Assistant Project Manager

Paradigm Architecture

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

Architectural Registration

NC

AL—Pending

Education

Auburn University
Auburn, Alabama
Bachelor of Architecture
1984

Roofing Technology
The Roofing Industry
Educational Institute
1995

Professional, Civic and Other Activities

American Institute of Architects

Benjamin Russell High School
Addition and Renovations
Valley, Alabama
Estimated Completion: 2010
Cost: $2.5 Million

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

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

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

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

Cahaba Heights Elementary School*
Additions and Renovations
Jefferson County Board of Education
Birmingham, Alabama
Completed: Fall 1999
Cost: $1.2 Million

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

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

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

Russell Medical Center
Professional Office Building #3
Alexander City, Alabama
Completed: Spring 2004
Cost: $4.1 Million

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

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

Trinity Christian School
Morgantown, West Virginia
Completed: Summer 2005
Cost: $8 Million

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

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

Grant T. Gramstad, AIA

Project Architect

Paradigm Architecture

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

Architectural Registration

Alabama

Education

Tulane University
New Orleans, Louisiana
Master of Architecture
2004

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

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

Professional, Civic and Other Activities

American Institute of Architects

Certified Construction Contract Administrator

Trinity Christian School
Morgantown, West Virginia
Completed: Summer 2005
Cost: $8 Million

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

United States Department of Energy
Office of Legacy Management
Records Storage Facility
Morgantown, West Virginia
Completed: Summer 2009
Cost: $8 Million (Shell)

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

Russell Medical Center
Professional Office Building #3
Alexander City, Alabama
Completed: Spring 2004
Cost: $4.1 Million

Benjamin Russell High School
Addition and Renovations
Valley, Alabama
Estimated Completion: 2010
Cost: $2.5 Million

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

Shonos Japanese Restaurant
Hoover, Alabama
Completed: Summer 2007
Cost: $300,000

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

Mountaintop Community Church
Family Life Center
Vestavia Hills, Alabama
Completed: Fall 2009
Cost: $2.5 Million

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

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

The View at the Park
Morgantown, West Virginia
Completed: Summer 2004
Cost: $6 Million

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

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

Church at Cahaba Ridge
Addition and Renovation
Clay, Alabama
Completed: Summer 2005
Cost: $300,000

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

Todd G. Christopher, AIA

Project Architect

Paradigm Architecture

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 eight 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

Education

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

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

Professional, Civic and Other Activities

American Institute of Architects

U.S. Green Building Council

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

AIA Intern Development Program Mentor

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

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

Booz Allen Hamilton Office Space
Marina Tower
Morgantown, West Virginia
Estimated Completion: May 2010
Cost: $200,000

Star City Waterfront Masterplan
Morgantown, West Virginia
Estimated Completion: Undetermined
Cost: Undetermined

GSA Office Space
Marina Tower
Morgantown, West Virginia
Completed: August 2009
Cost: $770,000

KeyLogic Systems, Inc.
Morgantown, WV
Estimated Completion: May 2010
Cost: $1.5 Million

Catawba Valley Medical Center* Women's/ Oncology Expansion and Renovations
Hickory, North Carolina
Estimated Completion: Spring 2012
Cost: $79 Million

Mountain Island Library*
Charlotte, North Carolina
Completed: Spring 2005
Cost: $2.5 Million

University of South Carolina*
Discovery I Biomedical Research Facility
Columbia, South Carolina
Completed: Winter 2008
Cost: $12 Million

National Institute of Aerospace*
Hampton, Virginia
Completed: Summer 2006
Cost: $6 Million

Davidson College*
Duke Residence Hall
Davidson, North Carolina
Completed: Summer 2007
Cost: $6.3 Million

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

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

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

North Carolina State University*
Frank Thompson Theatre Renovation
Raleigh, North Carolina
Estimated Completion: August 2009
Cost: $11.5 Million

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

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

Steve Konya II

Construction Administrator

Paradigm Architecture

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 five 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

Professional, Civic and Other Activities

Professional Photographers of West Virginia

Tygarts Valley Middle/High School*
Morgantown, West Virginia
Completed: Fall 2001
Cost: $3.6 Million

Hampshire High School*
Additions and Renovations
Romney, West Virginia
Completed: 1997
Cost: $4.8 Million

Tucker County High School*
Thomas, West Virginia
Completed: 2008
Cost: $1.2 Million

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

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

United States Department of Energy
Office of Legacy Management
Records Storage Facility
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

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

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

Fairmont State University
Colebank Hall Data Center Build-Out
Fairmont, West Virginia
Completed: May 2007
Cost: $400,000

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

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

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

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

WV Veterans Nursing Facility*
Clarksburg, West Virginia
Completed: 2008
Cost: $21.8 Million

William R. Sharpe Jr. Hospital
New Transitional Facility*
Weston, West Virginia
Completed: 2006
Cost: $2 Million

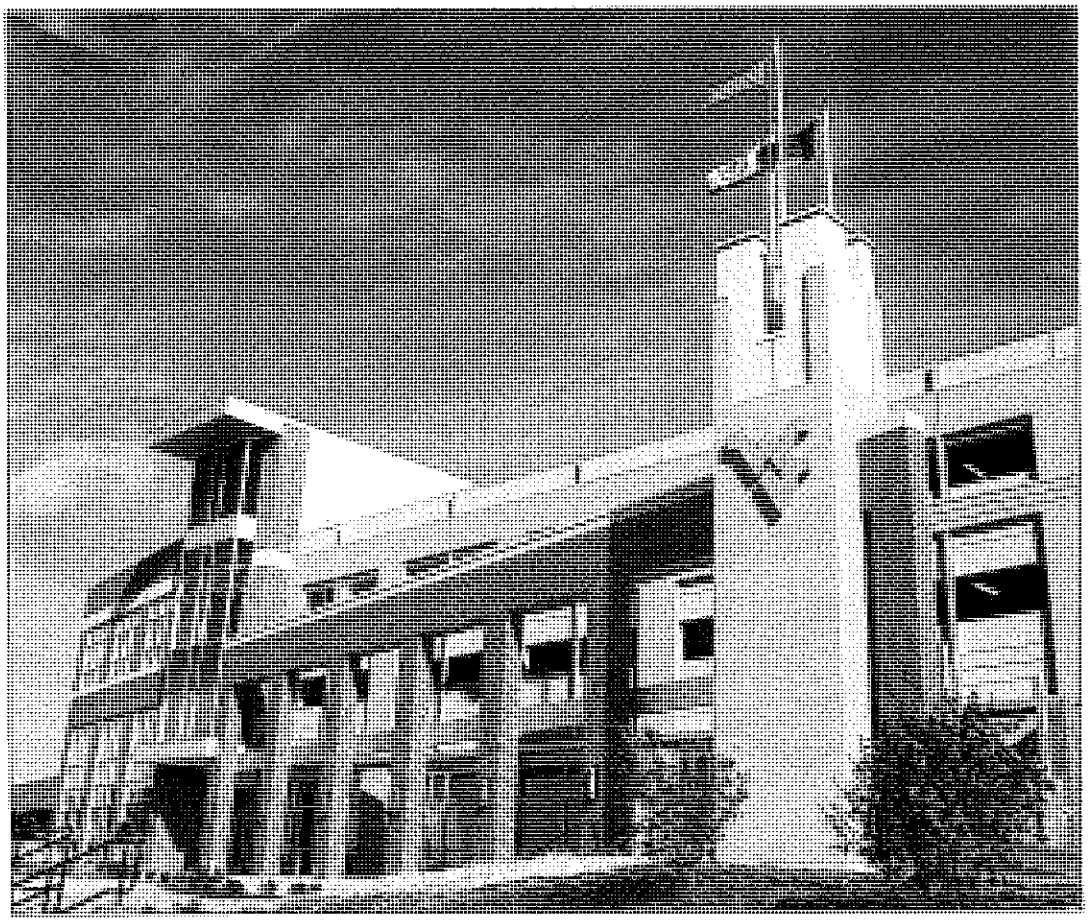
*Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

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

Paradigm Architecture

West Virginia University Intermodal Garage

Morgantown, West Virginia



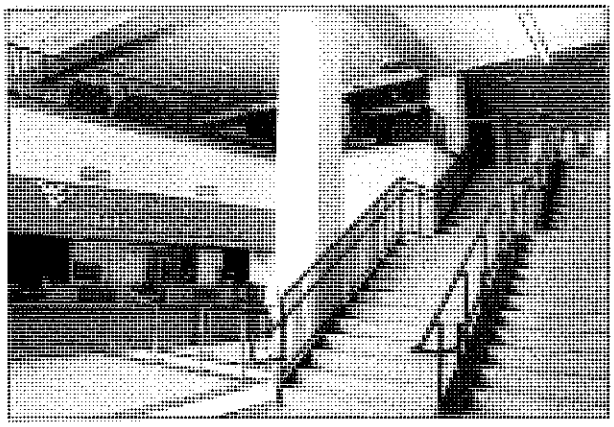
Intermodal Transportation Center and Parking Garage. A State of West Virginia Design-Build Competition featuring a 500 car parking garage, bus drop-off area/lounge and toilets, retail space, and office areas for the West Virginia University Parking Authority. The facility is designed to connect to the Public Rapid Transit Station and can be expanded both vertically and horizontally to accommodate a total of 1500 vehicles.

Owner: West Virginia University

Design Architect: Paul A. Walker, AIA
Project Manager: David H. Snider, AIA
Project Architect: Jonathan L. Perry, AIA

Completed: Fall 2009
Cost: $14.5 Million
Size: 500 Parking Spaces
Delivery Type: Design-Build Competition

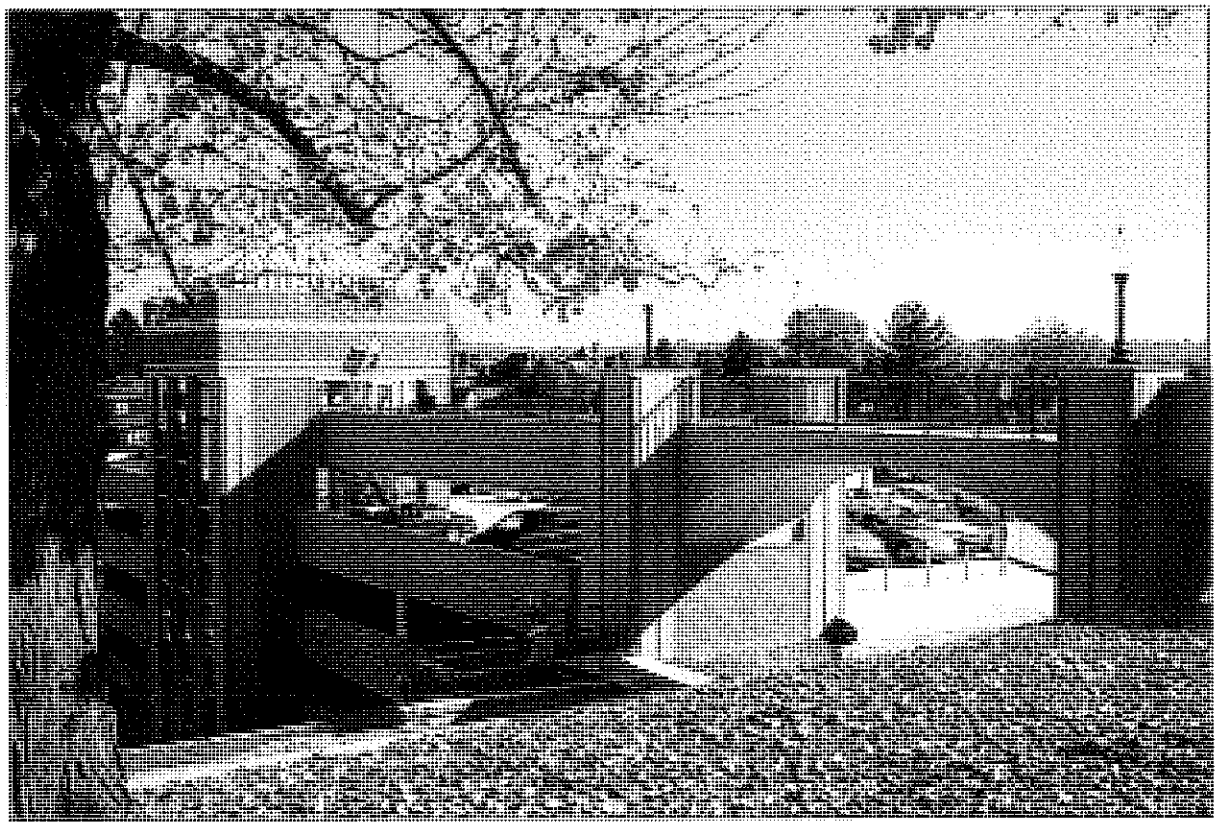
Contractor: The March-Westin Company



Paradigm Architecture

Fairmont State University Parking Facility

Fairmont, West Virginia



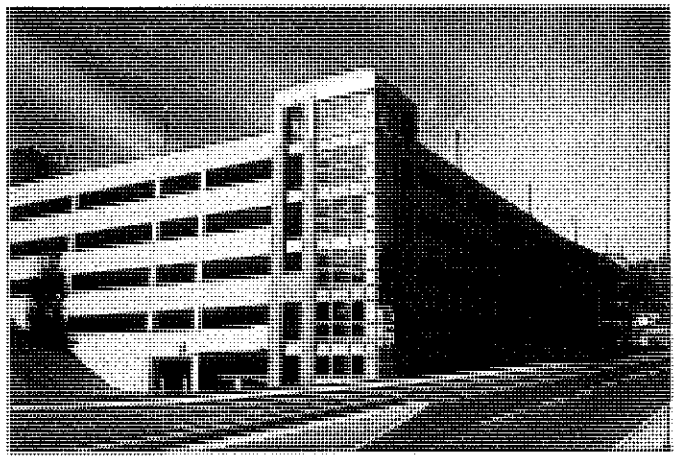
In order to meet the needs of a growing campus, this new parking facility provides 940 parking spaces and a connecting pedestrian bridge to the main campus. Unique site conditions include building over an abandoned coal mine, as well as a steeply sloping site that required retaining walls on multiple levels.

Owner: Fairmont State University

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

Completed: Summer 2004
Cost: $10 Million
Size: 269,000 Square Feet
Delivery Type: Design-Build Negotiated

Contractor: The March-Westin Company



Paradigm Architecture

G. R. Manufacturing Addition

Trusssville, Alabama

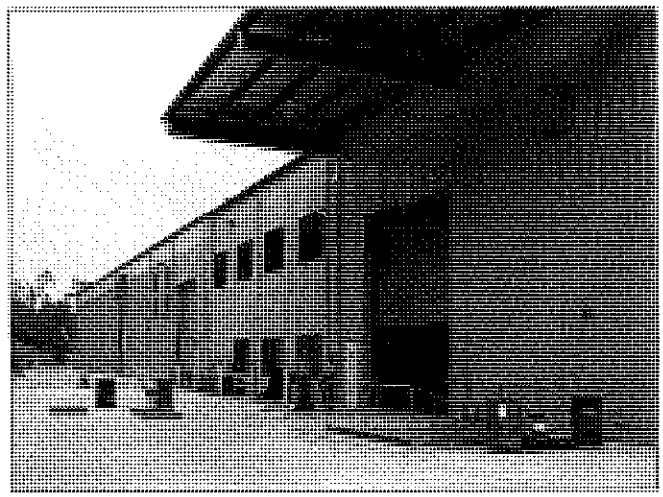
A 16,000 square foot pre-engineered metal building addition onto an existing 51,000 square foot industrial equipment manufacturing facility. In addition to the crane bay expansion, a new 2,700 square foot wash bay and a 1,200 square foot paint building addition were added.

Owner: Bill Fyfe

Project Architect: Grant T. Gramstad, AIA

Completed: Fall 2006
Cost: $1 Million
Size: 19,900 Square Feet
Delivery Type: Design-Build-Negotiated

Contractor: Powers and Associates



Paradigm Architecture

Coca-Cola Cross-Dock Facility

Walker County, Alabama

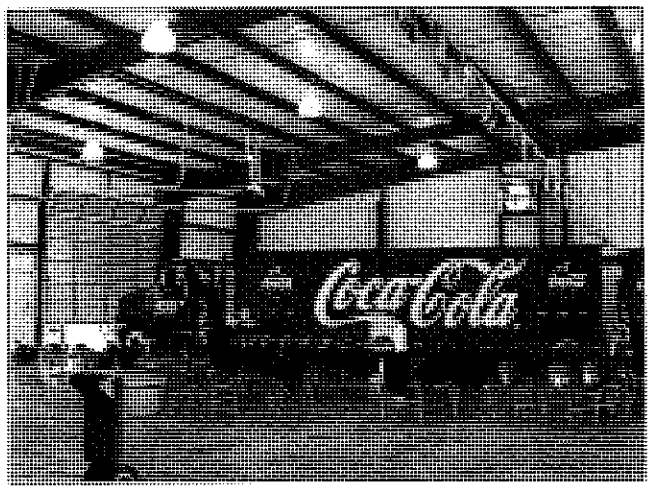
A pre-engineered metal building with a 10,500 square foot footprint on approximately 3 acres near Carbon Hill, Alabama. The program consisted of two stories of offices at 3,000 square feet per floor and a 7,500 square foot one story warehouse. This facility was built to accommodate freight shipments being delivered and then picked up by crossing truck routes.

Owner: Birmingham Coca-Cola Bottling Co.

Project Architect: Grant T. Gramstad, AIA

Completed: Fall 2002
Cost: $800,000
Size: 24,000 Square Feet
Delivery Type: Design-Build-Negotiated

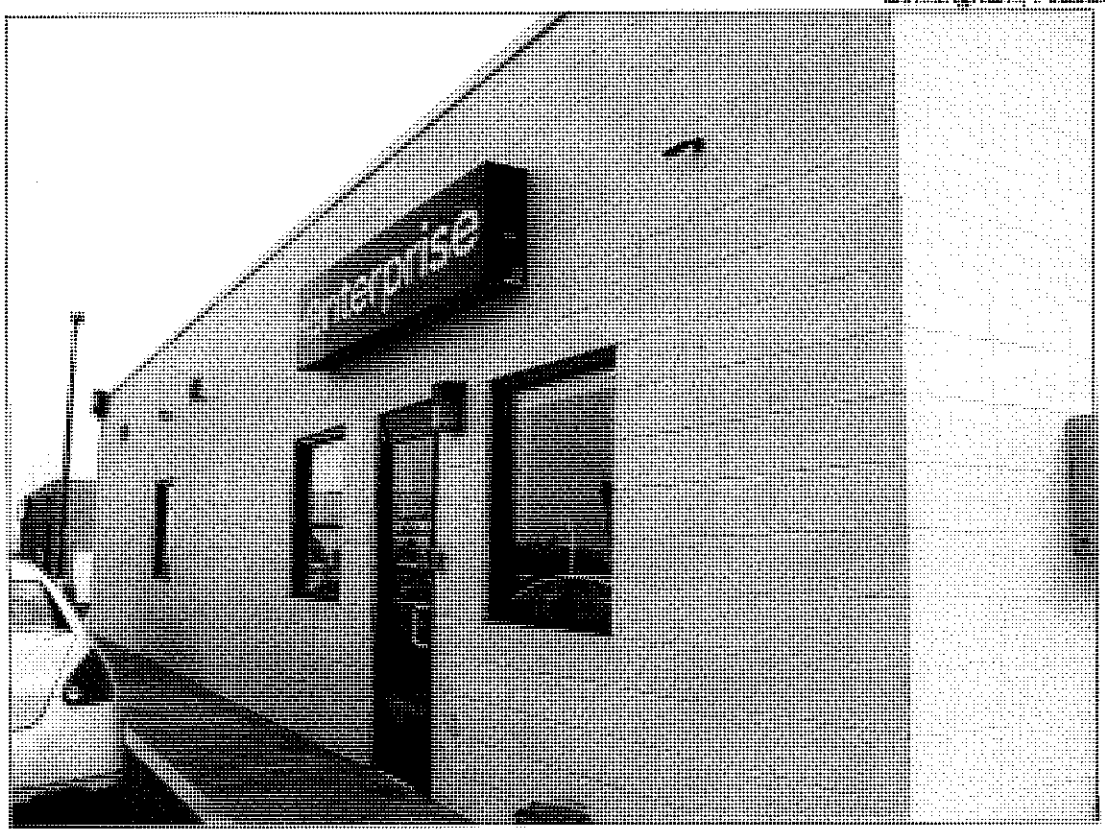
Contractor: Powers and Associates



Paradigm Architecture

Enterprise Cleanup Facility Airport

Birmingham, Alabama



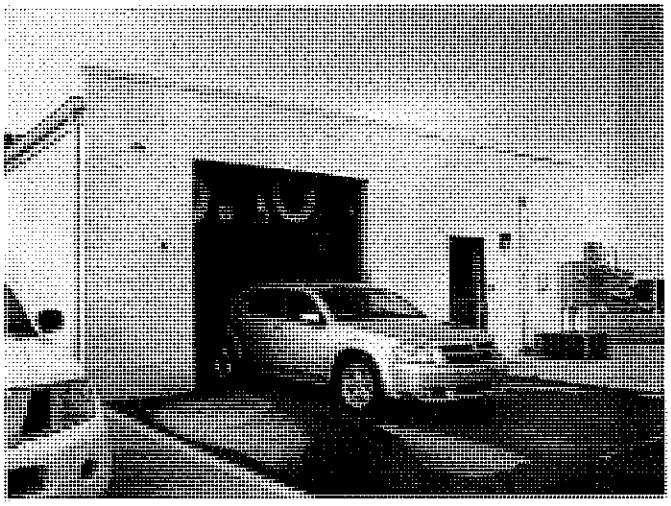
This new building was constructed on a site leased from the Birmingham Airport Authority to move the cleanup facilities closer to the point of rental demand. It employs state-of-the-art automatic carwash equipment from Belanger and is set in a secure site with parking for 159 vehicles. Because of the linear nature of the layout and the industrial environment, it was most economical to use load-bearing masonry for the walls and steel bar joists for the roof structure. The project includes two offices, restrooms, break room, mechanical & storage rooms, and the car wash bay.

Owner: Enterprise Rent-A-Car

Project Architect: Grant T. Gramstad, AIA

Completed: Spring 2005
Cost: $350,000
Size: 2,120 square foot building & a parking lot for 159 vehicles
Delivery Type: Design-Build-Negotiated

Contractor: Powers and Associates



Paradigm Architecture

Elmwood Cemetery Maintenance Building

Birmingham, Alabama

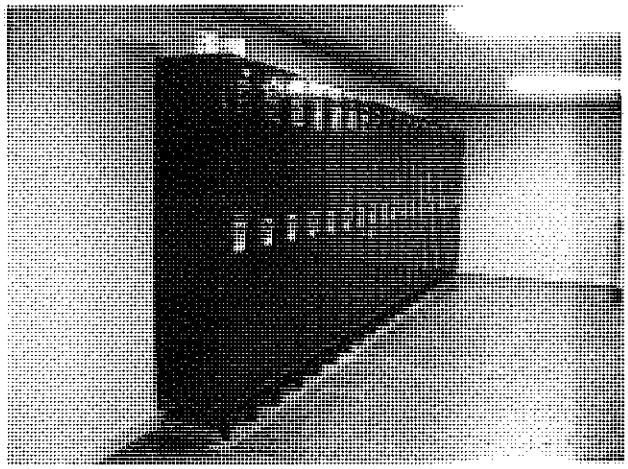
This project involved an extensive renovation of an existing pre-engineered metal building that is being used as a shop, facilities for the grounds keepers, and equipment storage. The owner wanted to improve the conditions for their employees and upgrade the look of the facility. The shop is in the first bay, and the second bay consists of the manager's office, locker room/toilets, and break room. The remaining five bays are dedicated to vehicular and equipment storage. The plan of the office, locker room, and break room was reconfigured and the finishes were significantly improved in those areas. New exterior wall panels, new overhead doors, and new paint on the interior ceiling were also part of the project.

Owner: Elmwood Cemetery

Project Architect: Grant T. Gramstad, AIA

Completed: Fall 2009
Cost: $300,000
Size: 10,000 Square Feet
Delivery Type: Design-Build-Negotiated

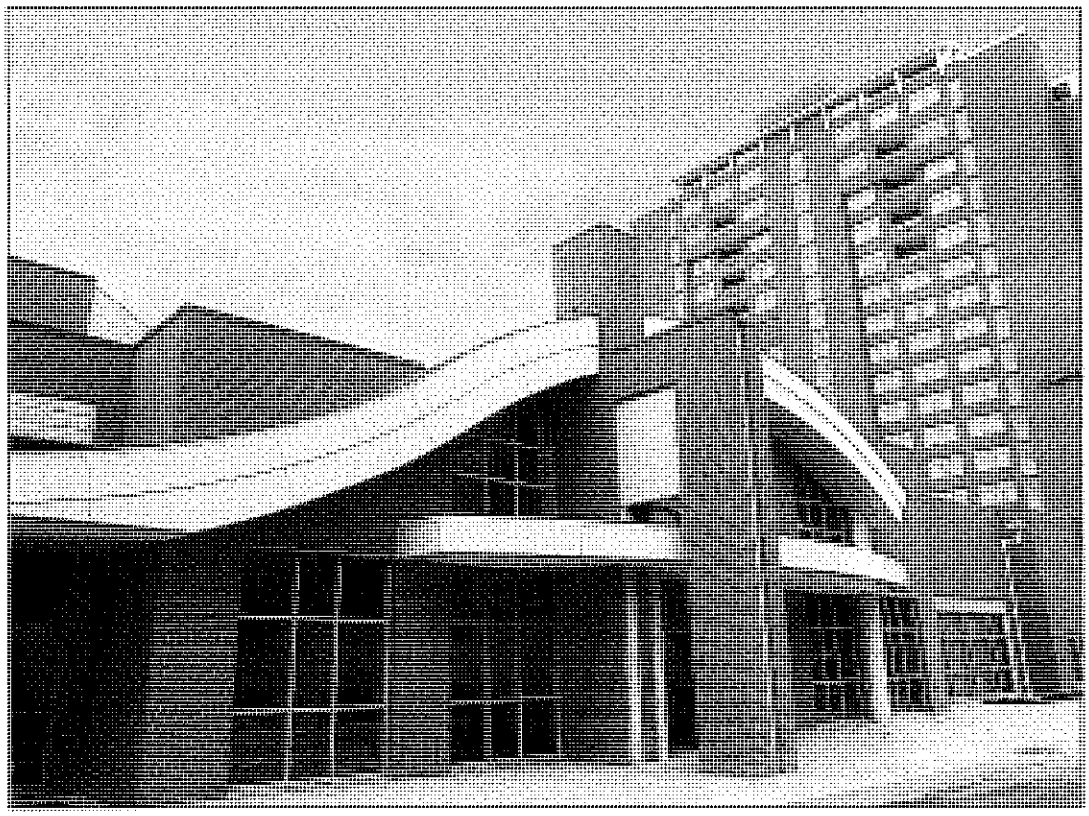
Contractor: Powers and Associates



Paradigm Architecture

Morgantown Event Center and Parking Garage

Morgantown, West Virginia



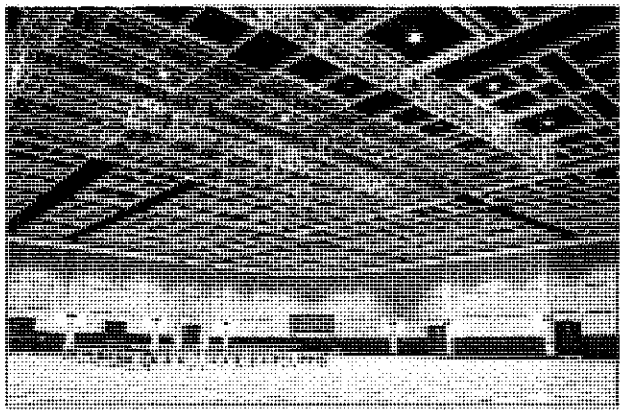
The Morgantown Event Center and 214-space Parking Garage is located adjacent to the Waterfront Place Hotel and Conference Center along the Monongahela River in Morgantown. The large main event room is designed to accommodate a variety of event types including concerts, plays, boxing matches, banquets, and conventions. The facility features a full catering kitchen and support spaces.

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

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

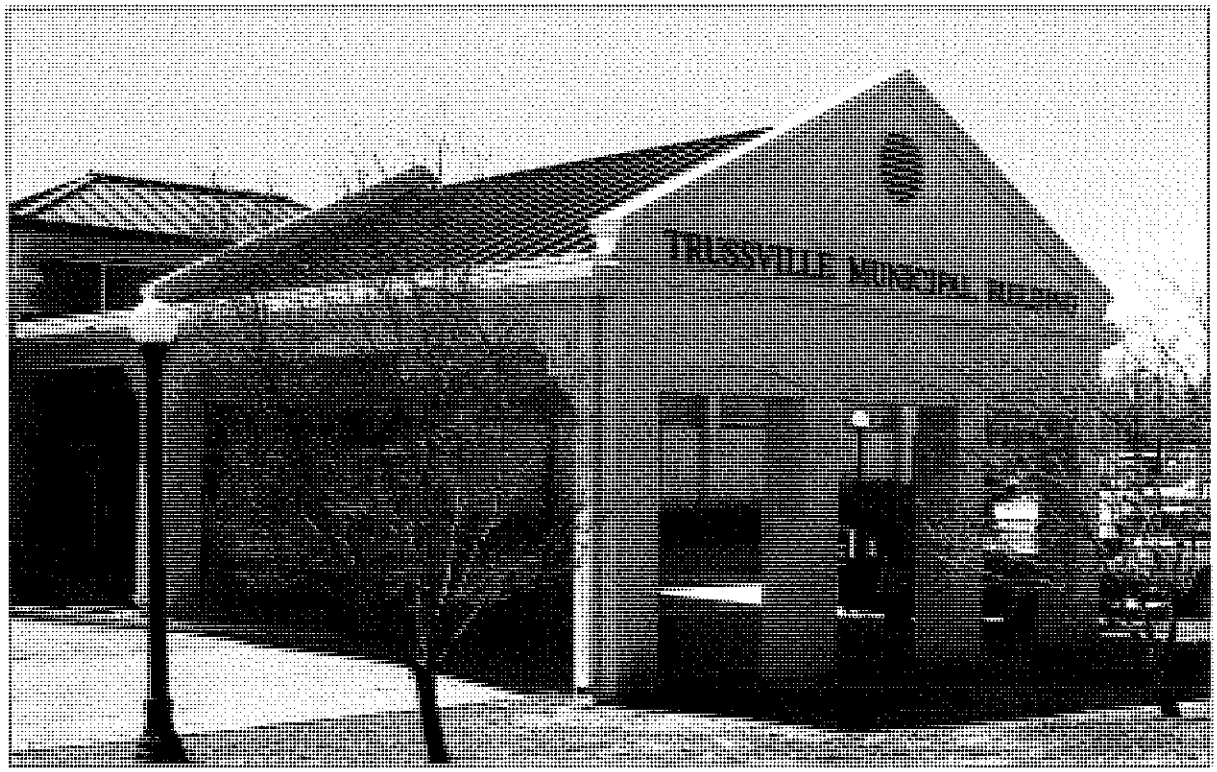
Contractor: The March-Westin Company



Paradigm Architecture

Trussville City Hall
Various Renovations

Trussville, Alabama



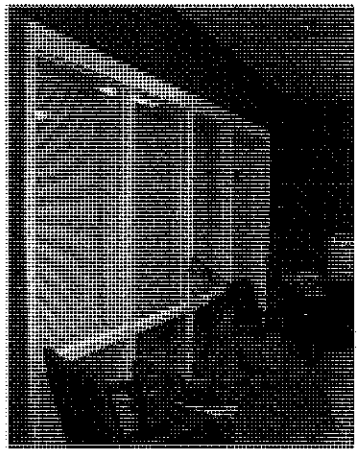
Paradigm Architecture has been privileged to perform various renovations on the Trussville Municipal Building. After the flood of May 2003 which damaged the interior of several departments at City Hall, the City of Trussville contracted with Paradigm Architecture to design a new look for the City Hall, Police, and Fire Departments. It was a 10,700 square foot renovation on a tight schedule. Additional security was added at the City Hall with a glass wall separating the public from the offices. In the Police Department a new bullet-proof glass exchange window ensures the safety of the ticket clerk. Reorganization of the office work area made a more efficient use of space. Recent renovations include exterior façade maintenance and reroofing.

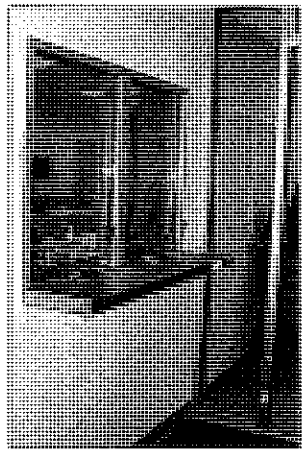
Owner: City of Trussville

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

Completed: Spring 2003 and Fall 2009
Cost: DND
Size: Varies
Delivery Type: Design-Build Negotiated, Construction Management

Contractor / CM: Powers and Associates





Paradigm Architecture

The General Services Administration for the
United States Department of Agriculture

Morgantown, West Virginia

Awarded through a Design-Build Competition sponsored by the General Services Administration. This facility houses five agencies of the USDA including: the Credit Union, Rural Development, Farm Services Administration, Natural Resource Conservation services, and the USDA Information Technology Services.

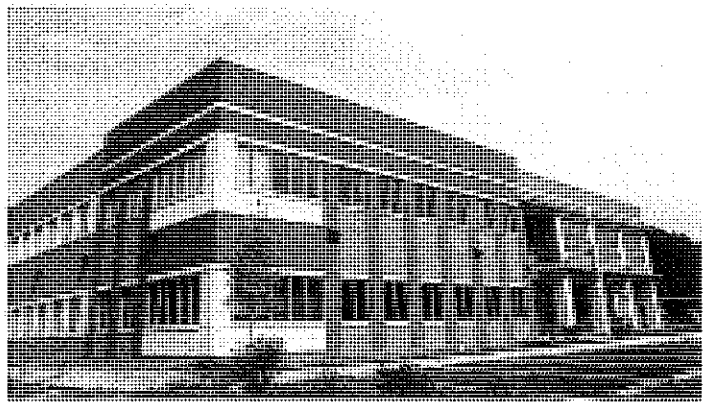
This project is registered as a LEED Certified Building.

Owner: Glenmark Holdings, LLC

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

Completed: Summer 2009
Cost: $6.5 Million (Shell)
Size: 36,000 Square Feet
Delivery Type: Design-Build Competition

Contractor: The March-Westin Company



Paradigm Architecture

United States Department of Energy
Office of Legacy Management

Morgantown, West Virginia

A new modern office and records storage building for the United States Department of Energy Office of Legacy Management. Awarded through a Design-Build Competition sponsored by the General Services Administration. This one story building includes 37,000 square feet of NARA Certified Records Storage space and additional spaces for administrative offices, receiving / processing, and meetings / research areas.

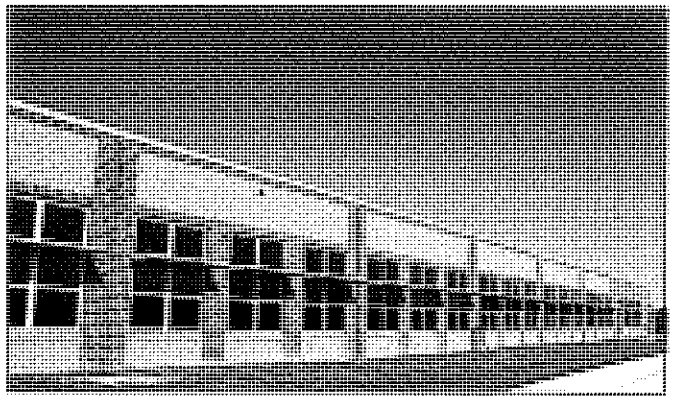
This project will be registered as a LEED Gold Certified Building.

Owner: FD Partners, LLC

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

Completed: Fall 2009
Cost: $8 Million (Shell)
Size: 60,000 Square Feet
Delivery Type: Design-Build-Negotiated

Contractor: Dick Corporation



KCI Technologies, Inc.

As one of the nation's leading multi-discipline, full-service engineering firms, KCI Technologies, Inc. (KCI) is consistently ranked among the top 100 consulting engineering firms in the country by Engineering News Record.

With a professional staff of engineers, planners, scientists, surveyors, and construction managers, we offer a broad range of engineering services, including civil, structural, transportation, environmental, hazardous waste, mechanical, electrical, telecommunications, and soils. We also provide cultural and environmental resource management services, land planning and landscape architecture, geology, hydrology, ecology, surveying, and construction management and inspection.

The professional staff is supported by CADD (Computer-Aided Drafting and Design) designers, BIM (Building Information Modeling) designers, GIS (Geographic Information Systems) experts, and database analysts, programmers, and technicians; as well as state-of-the-art computer, field, and lab equipment. KCI's computer network supports the firm's core production systems, including BIM, CADD, GIS, three-dimensional visualization/animation tools, document processing and desktop publishing, and project management. The firm's integrated approach to automating design, drafting, documentation, and presentation minimizes costs, facilitates coordination among engineering disciplines, and expedites the production of high-quality products.

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

History

KCI traces its corporate history to a Baltimore firm founded in 1955. In the early 1970s, the firm – along with a number of other privately held engineering companies – joined Kidde, Inc., and became known in 1978 as Kidde Consultants, Inc. In August, 1987, Hanson Trust, PLC, of Great Britain (a manufacturing company with diversified holdings, worldwide) purchased Kidde, Inc. In 1988, an employee buyout was completed, creating Maryland's largest employee-owned company. The firm officially changed its name to KCI Technologies, Inc., in 1991 and relocated its headquarters to Hunt Valley, Maryland in 1993.

Location

KCI has been working throughout the state of West Virginia for more than 10 years and is familiar with conditions and infrastructure of West Virginia. Our local office has a wide range of experience working with various state agencies, as well as private developers and contactors. Our backgrounds range from WVDOH to USDA Rural Development. We have engineers who understand and advocate for the needs of rural communities and public service districts. KCI has the knowledge to aid our clients in all aspects of this project including but not limited to preliminary study, preliminary design, funding assistance, final design, bidding services, construction administration, construction inspection, or any other service needed to complete these types of projects.

Quality Assurance

As part of our strategic plan, KCI is committed to achieving corporate wide ISO 9001:2000 certification. KCI's Northeast Region was certified to ISO 9001:2000 in September 2005 and re-certified in October 2008. The Mid-Atlantic Region achieved certification in December 2008. The Southeast Region will complete their certification process in 2010.

Our primary quality objectives are to:

- Satisfy client expectations through designs and professional services that conform to client specifications;
- Continually review company performance by analyzing objective data regarding both our processes and deliverables; and
- Use this objective data to identify and drive opportunities to continuously improve the Quality Management System.

ISO is a quality management system (QMS) standard requiring that company activities be modeled as a system of inter-related processes and that these processes be continually audited in order to objectively measure performance and improve outcomes. A key component of the ISO standard that differentiates it from others systems is the mandatory continual auditing and improvement requirement. Quality control procedures for the work performed in each of KCI's technical disciplines are defined in each discipline's quality control manual. Conformance to these procedures is ensured through KCI's internal auditing process.

John Rudmann, PE, RLA, LEED AP

Project Manager

Education
BS / Civil Engineering
BS / Landscape Architecture

Registration
PE / WV / 14779
Also PE in MD, PA
PLA / WV / 341
Also RLA in MD, OH, PA
LEED AP

Total Years with KCI: 3
Total Years of Experience: 15

Mr. Rudmann is a licensed civil engineer, a licensed landscape architect, and a LEED Accredited Professional. His responsibilities have included being a Project Manager, a Senior Civil Engineer, and a Senior Landscape Architect for many site design projects. As a designer his design tasks have included site master planning, stormwater design, utility design, grading, access road design, erosion and sediment control design, pedestrian plaza design, site permitting, golf course design, and completing project specifications. He has designed several different methods of bio-filtration and has completed all the necessary credit paper work to achieve LEED Certification. Relevant project experience includes:

New Northside Fire Station, Morgantown, WV. Senior Design Engineer. KCI was a subconsultant for the new Northside Fire Station for the City of Morgantown. KCI was responsible for overall site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting. Mr. Rudmann was responsible for the overall design of all site/civil services, utilizing cost-efficient design principles to keep the project under budget, while still meeting strict environmental standards. Mr. Rudmann completed the necessary LEED submittal paperwork for sustainable site and water efficiency credits. This building has been LEED Certified.

USDA Building Design/Build, Sabraton, WV. Project Manager. KCI was a subconsultant to Paradigm Architecture for the USDA Building located in the Sabraton Area of Morgantown. KCI provided site/civil engineering and landscape architecture design services for this design/build project. This project is pursuing LEED certification. Mr. Rudmann was responsible for the overall design of all site/civil services which included site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the permitting. Most of the stormwater filtration was achieved through the use of bio-filtration cells within the parking lot areas and swales located closer to the building. Mr. Rudmann also completed all the necessary LEED submittal paperwork for sustainable site and water efficiency credits. This building has been certified Silver.

Event Center and Garage, Morgantown, WV. Senior Design Engineer. KCI is a subconsultant to Paradigm Architecture for the new Morgantown Event Center and Parking Garage, located in the Wharf District of Morgantown, WV. KCI is providing site/civil engineering and landscape architecture services for this design-build project. Mr. Rudmann was responsible for the overall design of all site/civil services, which included access roads and parking lot, utility lines, sidewalks, drainage, stormwater retention, grading plans, landscaping, erosion and sedimentation control, permitting, and project specifications. Mr. Rudmann incorporated as many practical LEED elements as possible to provide energy and cost efficient design.

The View II at the Park, Morgantown, WV. Senior Design Engineer. KCI was a subconsultant to Paradigm Architecture for the View II. The View II is the second phase of a three phased development along the waterfront in Morgantown, WV. The View II is a 4-story structure that houses Morgantown Area Chamber of Commerce on the first floor, with residential condominiums on the upper floors. Mr. Rudmann was responsible for the overall design of all site/civil services which included maintenance of traffic control, utility lines, sidewalks, drainage, storm water retention, grading plans, erosion and sedimentation control plans, all the site/civil permitting, and the project specifications.

Michael Pumphrey, PE

Civil Engineering Task Manager

Education
MS / Civil Engineering
BS / Civil and Environmental Engineering

Registration
PE / WV / 16006
Also PE in PA

Total Years with KCI: 1
Total Years of Experience: 11

Mr. Pumphrey is a senior civil engineer at KCI. He has experience in highway design, site/civil design, sidewalk design, stormwater management, utility design and coordination, street and highway temporary traffic control design, pavement design and preventive maintenance, construction inspection and administration, and right-of-way coordination. Serving as both a project manager and project engineer, Mr. Pumphrey has experience in supervising design teams, project management and scheduling, preparing and reviewing contract documents and plans, and client communication/interaction. Relevant project experience includes:

Fort Leavenworth AIE, Leavenworth, KS. Civil Engineering Task Manager. KCI, was the prime sub-consultant to Linc Government Services, for a design-build Facility Repair and Renewal (FFR) Contract with the U.S. Army Corps of Engineers to provide site infrastructure design and construction services to Fort Leavenworth, Leavenworth KS. The objective of the FFR contract was to prepare three Access Control Points (ACPs) at Fort Leavenworth for installation of the U.S. Army's Automated Installation Entry (AIE) System. Mr. Pumphrey served as the Task Manager and lead civil engineer for the development of the Phase II work plan documents for the AIE project at Fort Leavenworth. Mr. Pumphrey was responsible for the design and development of the new ID check areas at the Hancock Gate, Grant Avenue Gate, and Sherman Gate. Mr. Pumphrey was responsible for the coordination of the ID check areas with the architectural and electrical disciplines as well as reviewing the analysis of the existing Active Vehicle Barriers (AVB) placed at the Grant and Sherman gates. Mr. Pumphrey was responsible for the development of the new ACP signage at the gates as well as the design of the overwatch pads at both Grant and Sherman gates.

Fort Meade AIE, Fort Meade, MD. Civil Engineering Task Manager. KCI was the prime sub-consultant to Linc Government Services, for a design-build Facility Repair and Renewal (FFR) Contract with the U.S. Army Corps of Engineers to provide site infrastructure design and construction services to Fort Meade, MD. The objective of the FFR contract was to prepare five Access Control Points (ACPs) at Fort Meade for installation of the U.S. Army's Automated Installation Entry (AIE) System. Mr. Pumphrey served as the Task Manager and lead civil engineer for the development of the Phase II work plan documents for the AIE project at Fort Meade. Mr. Pumphrey was responsible for the design and development of the ID check areas at Gate 1, Mapes and 32, Gate 2, Mapes and 175, Gate 3, Rockenbach and 175, Gate 6, Llewellyn & 175, and Gate 7, Main Gate (Reese Road). Mr. Pumphrey was responsible for the coordination of the ID check areas with the architectural and electrical disciplines. Initially responsible for the design and analysis of Active Vehicle Barriers (AVB's) at all five gates. During the design process and as a direct result of Mr. Pumphrey's analysis, AVB's were eliminated at all but Gate 7.

New Northside Fire Station, Morgantown, WV. Construction Manager. KCI was a suhconsultant for the new Northside Fire Station for the City of Morgantown. KCI was responsible for overall site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting. Mr. Pumphrey was responsible for responding to contractor RFIs, construction shop drawing review, and onsite contractor coordination meetings.

Event Center and Garage, Morgantown, WV. Project Engineer. KCI is a subconsultant to Paradigm Architecture for the new Morgantown Event Center and Parking Garage, located in the Wharf District of Morgantown, WV. KCI is providing site/civil engineering and landscape architecture services for this design-build project. Mr. Pumphrey assisted with stormwater management plan development, grading plans, parking lot layout, and pavement marking and signing plan development.

John Pitman
Designer

Education
BS / Civil Engineering

Registration
EIT / WV / 7805

Total Years with KCI: 11
Total Years of Experience: 12

Mr. Pitman is a site/civil designer in KCI's Morgantown, West Virginia office. His tasks include the development of existing conditions, demolition, erosion and sediment control, site, grading, and utility plans along with creating detail sheets for site specific elements. Mr. Pitman is also an experienced highway designer with a background in the preparation of roadway construction, right-of-way, and sign and pavement marking plans. Other responsibilities include performance of field surveys and construction stakeouts, traffic studies, storm water and sanitary sewer design, and cost estimation. Relevant project experience includes:

Bluegrass Army Depot, Richmond, KY. Designer. KCI, in partnership with Atlantic Design Group and Linc Government Services, is currently working for the U.S. Army Corps of Engineers under a design-build Medical Facilities Renewal Contract to provide site infrastructure design and construction services to the Bluegrass Army Depot. The objective of the design-build contract is to prepare two Access Control Points (ACP's) at the Depot for installation of the U.S. Army Automated Installation Entry (AIE) System. Mr. Pitman was responsible for collecting traffic data via automatic traffic recorders, and performing manual turning movement counts. Also assisted in field surveys.

Fort Leavenworth AIE, Leavenworth, KS. Designer. KCI is currently working for the U.S. Army Corps of Engineers under a design-build Facility Repair and Renewal (FFR) Contract to provide site infrastructure design and construction services to Fort Leavenworth. The objective of the FFR contract is to prepare three Access Control Points (ACPs) at Fort Leavenworth for installation of the U.S. Army Automated Installation Entry (AIE) System. Mr. Pitman was responsible for collecting traffic queue data at ID check points, installing automatic traffic recorders at project site, and creating existing conditions, demolition and proposed site/civil plans for the schematic design phase of the project. Also worked on overall presentation and drafting of electrical plans for the final design phase

New Northside Fire Station, Morgantown, WV. Designer. KCI was a subconsultant for the new Northside Fire Station for the City of Morgantown. KCI was responsible for overall site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting. Mr. Pitman was responsible for plan presentation for final design, consisting of parking lot and bio-cell grading, and the development of erosion and sediment control, site, utility, and sign fabrication details.

Event Center and Garage, Morgantown, WV. Designer. KCI is a subconsultant to Paradigm Architecture for the new Morgantown Event Center and Parking Garage, located in the Wharf District of Morgantown, WV. KCI is providing site/civil engineering and landscape architecture services for this design-build project. Mr. Pitman's responsibilities included plan presentation for final construction documents, overall grading, and assisting on the development of erosion and sedimentation control, site, landscape, and utility plans. Also created roadway profiles, cross sections, project specific details, and checked vehicular turning movements throughout the project site using the Autoturn software.

The Dayton, Morgantown, WV. Designer. KCI was a subconsultant to Paradigm Architecture for the Dayton. KCI was responsible for overall site/civil design, water lines, sanitary sewer, general utility coordination, site/civil permitting, and erosion and sediment control. Mr. Pitman's tasks included plan presentation for final construction documents, site grading, creating details and drainage system design.

Allen Paugh, PLS

Survey Party Chief

Education
AA / Survey Technology
AA / General Studies

Registration
LS / WV / 917
Also LS in MD

Total Years with KCI: 24
Total Years of Experience: 32

Mr. Paugh is Chief of Surveys with KCI's Site Engineering and Surveys Group. He organizes and coordinates the work of personnel engaged in surveying, checks the accuracy of the work, and estimates field survey costs. Mr. Paugh is skilled in the preparation of large topographic and boundary surveys, and computations for GPS surveys. Relevant project experience includes:

New Northside Fire Station, Morgantown, WV. Party Chief. KCI was a subconsultant for the new Northside Fire Station for the City of Morgantown. KCI was responsible for overall site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting. Mr. Paugh conducted surveys and provided oversight of all survey crews assigned to the site.

Abingdon Maintenance Facility, Abingdon, MD. Party Chief. KCI provided various engineering services for a new 7,450 SF single story office building with an attached 8,320 SF garage, recycling area, a flat yard, asphalt parking areas, and a stormwater management pond. Mr. Paugh conducted surveys and provided oversight of all survey crews assigned to the site.

Glen Burnie Maintenance Facility, Glen Burnie, MD. Party Chief. KCI, as subconsultant to an architect, provided mechanical, electrical, civil, and structural, environmental, and geotechnical engineering for the renovation and upgrading of several buildings as part of the Glen Burnie Complex site. The project involves renovation of the complex facilities for wastewater north operations, limited technical support, as well as miscellaneous spaces. Mr. Paugh conducted surveys and provided oversight of all survey crews assigned to the site.

Military Ocean Terminal Sunny Point Survey Services, Sunny Point, NC. Surveyor. KCI Technologies, in partnership with Atlantic Design Group and Linc Government Services LLC, is currently working for the U.S. Army Corps of Engineers under a design-build Medical Facilities Renewal Contract to provide site infrastructure design and construction services to the Military Ocean Terminal Sunny Point (MOTSU) facility. The objective of the design-build contract is to prepare two Access Control Points (ACP's) at the MOTSU facility for installation of the U.S. Army Automated Installation Entry (AIE) System. The design-build team will design and construct the infrastructure required to accept the AIE equipment that will be installed under a separate, future contract. Mr. Paugh and the KCI survey team completed a field survey at each ACP and developed the base mapping for the construction work plan in accordance with U.S. Army design standards.

Downtown Student Housing, Morgantown, WV. Party Chief. KCI was a subconsultant to Paradigm Architecture for the New Honors Dormitory located on West Virginia University's downtown campus. KCI was responsible for overall site design, plaza, utility lines, sidewalks, drainage, storm water quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting. This plaza will also serve as a throughway from the new dormitory to the existing Summit Hall, where the residents of the new dorm will go for dinners. KCI also provided an innovative storm-water management design to capture all water within the plaza. Mr. Paugh conducted surveys and provided oversight of all survey crews assigned to the site.

Joseph Allegra, PLS

Surveyor

Education
Coursework / Survey Technology
Coursework / Mathematics & Computer Science
BA / History and Mathematics

Registration
LS / VA / 2262
Also LS in PA and DC

Total Years with KCI: 4
Total Years of Experience: 27

Mr. Allegra is the Regional Practice Leader for Surveys with more than 27 years of project management experience nationally and internationally in survey construction and survey engineering projects for both public and private clients. Mr. Allegra is responsible for the integration of new survey technology for the Survey Group. Mr. Allegra is proficient in both the use and integration of numerous engineering and surveying hardware and software systems. Relevant project experience includes:

Bluegrass Army Depot, Richmond, KY. Surveyor. KCI, in partnership with Atlantic Design Group and Linc Government Services, is currently working for the U.S. Army Corps of Engineers under a design-build Medical Facilities Renewal Contract to provide site infrastructure design and construction services to the Bluegrass Army Depot. The objective of the design-build contract is to prepare two Access Control Points (ACP's) at the Depot for installation of the U.S. Army Automated Installation Entry (AIE) System. Mr. Allegra conducted surveys and provided oversight of all survey crews assigned to the site.

Military Ocean Terminal Sunny Point Survey Services, Sunny Point, NC. Surveyor. KCI Technologies, in partnership with Atlantic Design Group and Linc Government Services LLC, is currently working for the U.S. Army Corps of Engineers under a design-build Medical Facilities Renewal Contract to provide site infrastructure design and construction services to the Military Ocean Terminal Sunny Point (MOTSU) facility. The objective of the design-build contract is to prepare two Access Control Points (ACP's) at the MOTSU facility for installation of the U.S. Army Automated Installation Entry (AIE) System. The design-build team will design and construct the infrastructure required to accept the AIE equipment that will be installed under a separate, future contract. Mr. Allegra led a KCI survey team to complete a field survey at the two Access Control Points and develop the base mapping for the construction Work Plan in accordance with U.S. Army design standards for site infrastructure design and construction services to the Military Ocean Terminal Sunny Point (MOTSU) facility.

New Northside Fire Station, Morgantown, WV. Party Chief. KCI was a subconsultant the new Northside Fire Station for the City of Morgantown. KCI was responsible for overall site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting. Mr. Allegra provided topographic survey services in support of the project.

Downtown Student Housing, Morgantown, WV. Party Chief. KCI was a subconsultant to Paradigm Architecture for the New Honors Dormitory located on West Virginia University's downtown campus. KCI was responsible for overall site design, plaza, utility lines, sidewalks, drainage, storm water quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting. This plaza will also serve as a throughway from the new dormitory to the existing Summit Hall, where the residents of the new dorm will go for dinners. KCI also provided an innovative storm-water management design to capture all water within the plaza. Mr. Allegra and his team of surveyors provided topographic services to gather all available utility plans and road plans for the subject property, boundary services to establish a control perimeter traverse and vertical control, and boring stakeout services.

PADGS National Guard Readiness Center

York, PA

Client
Pennsylvania Department of General Services

Contact
Gary Taylor, (717) 787-6200
Pennsylvania Department of General Services

Year Complete: 2008

KCI was selected to provide due diligence and 1391 programming support for the York, PA Combined Readiness Center. The Commonwealth of Pennsylvania was interested in purchasing a parcel of land that is located both in Jackson and West Manchester Townships. The proposed facility included a new National Guard Readiness Center for two companies of soldiers numbering approximately 60 soldiers each.

KCI and our subconsultant team provided preliminary programming, estimating, and 1391 cost estimates in support of the NGB and DGS due diligence activities under the purchase agreement with the previous owner. The 1391 charette involved a day long workshop with the end user, the Pennsylvania National Guard.

To support these services, KCI provided Phase I and Phase II environmental assessments. KCI also verified the field survey, including hard stand areas and personnel parking. Additionally, KCI provided utility verification and site permitting as well as structural services as necessary. MEP services included estimating support of the building electrical requirements and subsequent electrical utility requirements. Based on separate guidelines for two different National Guard company requirements, KCI developed a programming narrative of the required power, emergency, fire alarm, lighting, and telecommunications systems. The narrative served as a basis for the electrical conceptual construction estimates.

The proposed facility includes a new National Guard Readiness Center. Site improvements include extending required utilities to the new building, providing fencing, and pedestrian walkways. Building setbacks for Anti-Terrorism/Force Protection (AT/FP) were incorporated in proposed facility and site layouts.

Harper's Ferry Train Station

Harper's Ferry, WV

Client
National Park Service

Contact
Sumul Shah, (781) 935-5600
Lumus Construction

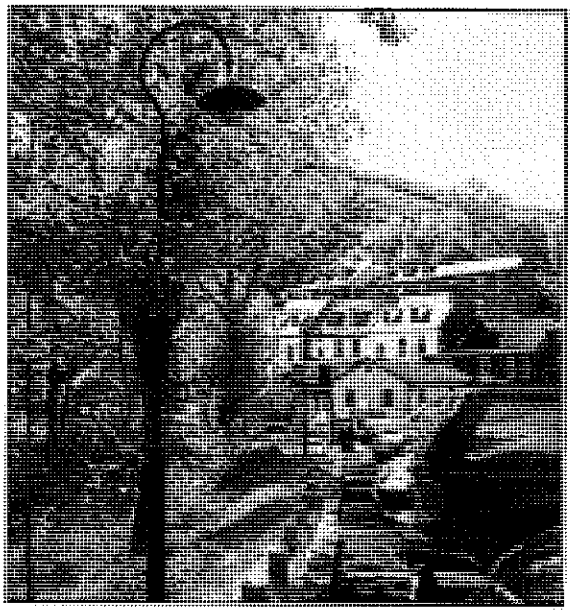
Year Complete: 2006

KCI provided electrical, site/civil, and structural engineering support services for this design/build historic preservation project. KCI's design team worked with the general contractor and National Park Service (NPS) to redesign the train station's parking lot and pedestrian pathway; restoring the historic nature of the site and improving safety and accessibility.

The existing parking lot lighting included several different historic fixtures that date at least to 1931, as well as contemporary, maintenance grade fixtures. None of the fixtures provided adequate lighting levels. The parking lot's historic lighting, as well as historic railings, have either disappeared or have fallen into disrepair. Since the historic railing provides a visual and physical barrier for vehicles and pedestrians from the steep slope along the armory side of the parking lot, replacing the railing was paramount from a safety standpoint.

Pedestrian access to the parking lot from Potomac Street was either via a dilapidated wood foot bridge or the vehicular access road, neither of which afford accessibility or an adequate degree of safety. Several years ago the National Park Service created a temporary gravel parking area on top of an abandoned remnant of a rail line that was part of the 1890's track realignment. The temporary parking lot was created to the east of the main parking lot in an effort to sustain the number of parking spaces during the Train Station renovation. KCI worked with NPS to remove the temporary parking lot and restore the historic rail remnant after the construction project was completed.

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



Fort Leavenworth AIE

Fort Leavenworth, KS

Client
US Army Corps of Engineers

Contact
David Boyd, (270) 885-4675
Linc Government Services

Year Complete: 2010

KCI was the prime sub-consultant to Linc Government Services, for a design-build Facility Repair and Renewal (FFR) Contract with the U.S. Army Corps of Engineers to provide site infrastructure design and construction services to Fort Leavenworth, Leavenworth, KS. The objective of the FFR contract was to prepare three Access Control Points (ACP's) at Fort Leavenworth for installation of the U.S. Army's Automated Installation Entry (AIE) System. The design-build team provided construction documents for the infrastructure required to accept the AIE equipment that will be installed under a separate, future contract.

Phase I: KCI's engineers conducted a site investigation of each ACP and inter-related infrastructure during Phase I of the FFR contract. The existing ID check area islands, guard booths, gate houses, ID Check area canopy, canopy lighting, active vehicle barrier (AVB), electrical power system, communications network, electronic security system, and pavement markings and signing at each ACP were evaluated for compliance with U.S. Army design standards. A traffic study at each ACP was also completed during Phase I in order to evaluate the existing traffic flow and conditions.

Phase I concluded with the production of a site investigation report. The report included an analysis of the existing infrastructure; an evaluation of each ACP's compliance with Army design standards; a new AVB feasibility analysis; a concept design inclusive of ACP design alternatives for accepting the future AIE equipment installation, as well as other recommended ACP improvements/upgrades; and a traffic survey report that identified peak hourly demand, queue lengths, and number of lane requirements.

Phase II: KCI is currently working with the design-build team to develop a comprehensive Work Plan for construction based on the Phase I comments received from the U.S. Army Corps of Engineers, the Protective Design Center, and the Installation. A KCI survey team completed a field survey at each ACP and developed the base mapping for the Work Plan. KCI site/civil engineers are finalizing ACP designs that are compliant with the current versions of the U.S. Army ACP Standard Definitive Design manual, the Military Surface Deployment and Distribution Command Transportation Engineering Agency (SDDCTEA) standards, and the Fort Meade Installation Design Guide standards.

With the current Work Plan design, the existing ID check areas at each ACP will be demolished and replaced with new ID Check areas. Each new ID Check area will receive a new canopy and lighting; new raised concrete traffic islands with conduit stub-outs for the future AIE equipment; a new 4-ft x 8-ft guard booth on each traffic island; and new pavement markings and signing.

The Hancock Ave. ACP will have three inbound lanes and one outbound lane with three new 10-ft x 75-ft ID Check area traffic islands. The Grant Ave. ACP will have six inbound lanes and two outbound lanes with seven new 8-ft x 75-ft traffic islands. It will receive a new AVB overwatch booth at the existing AVB; improved AVB area lighting; and new AVB signing and signals. The Sherman Ave. ACP will have two inbound lanes and one outbound lane with two new 10-ft x 75-ft traffic islands. It will receive a new AVB overwatch pad and communications junction box at the existing AVB's; improved AVB area lighting; and new AVB signing and signals.

KCI's electrical engineers are designing ACP electrical, communication, and security systems designs that are compliant with the Unified Facilities Guide Specification (UFGS) and Unified Facilities Criteria (UFC) design standards. KCI preformed design calculations necessary to increase the electrical service to allow for the future AIE infrastructure; designed standby emergency power generation with automatic transfer switches; and configured the power infrastructure to allow for the future UPS system. In addition, KCI designed building security systems which provided remote intrusion detection and CCTV surveillance abilities. Through the use of modeling software, KCI was able to generate lighting calculations allowing CCTV operation at night. Electrical power, communications, lighting, and CCTV support was provided for the existing AVB's. Other support tasks included lightning protection systems for the canopies; distribution of underground power and communication conduits throughout the site; and specialized barrier controls.

Northside Fire Station

Morgantown, WV

Client
City of Morgantown

Contact
Terri Hough, (304) 284-7412
City of Morgantown

Year Complete: 2009

KCI was a subconsultant for the Northside Fire Station for the City of Morgantown. KCI was responsible for overall site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting.

The new Morgantown Fire Station will be a LEED certifiable building. KCI's design approach to the site/civil items reflects LEED certification.

KCI also designed a 3,000 +/- gallon water harvesting tank to harvest the rain water from the roof of the proposed building. The design also provides a cost effective solution to long term water demand for the Fire Station.

Bluegrass Army Depot
Richmond, KY

Client
US Army Corps of Engineers

Contact
Craig Moyer, (410) 381-9610
Atlantic Design Group

Year Complete: 2009

KCI was a sub-consultant to Atlantic Design Group, for a design-build Medical Facilities Renewal Contract with the U.S. Army Corps of Engineers to provide site infrastructure design and construction services for the Bluegrass Army Depot, Richmond, KY. The objective of the design-build contract was to prepare two Access Control Points (ACP's) at the Bluegrass Army Depot for installation of the U.S. Army's Automated Installation Entry (AIE) System. The design-build team will design and construct the infrastructure required to accept the AIE equipment that will be installed later under a separate contract.

Phase I: KCI engineers conducted a traffic study at each ACP in order to evaluate the existing traffic flow and conditions. A traffic survey report was completed that identified peak hourly demand, queue lengths, and number of lane requirements.

Phase II: A KCI survey team completed a field survey at each ACP and developed the base mapping for the Work Plan.

KCI's electrical engineers completed ACP electrical, communication, and security systems designs that are compliant with the Unified Facilities Guide Specification (UFGS) and Unified Facilities Criteria (UFC) design standards. Conduit routing to the future AIE equipment stub-outs was provided at each ACP. The future AIE equipment will include a card reader pedestal, CCTV cameras, vehicle RFID tag readers, traffic arm and lane control traffic signals, and AIE Work stations within each guard Booth and gatehouse. The electrical power system was designed to provide the required capacity and distribution of electrical power at each ACP and to accommodate the future AIE equipment and Uninterruptible Power Supply (UPS). The generators, automatic transfer switches, and power panel were designed to provide the required emergency backup power for the ACP's and an active vehicle barrier (AVB). The communications network was designed to support the new ACP systems and ensure a dedicated, high-speed network. New electronic security systems (ESS) provided include intrusion detection systems (IDS) on the doors of the gatehouses, guard booths, and equipment buildings, tamper alarms on the AVB control cabinets and all ESS control panels.

Abingdon Maintenance Facility

Abingdon, MD

Client
Harford County Department of Public Works

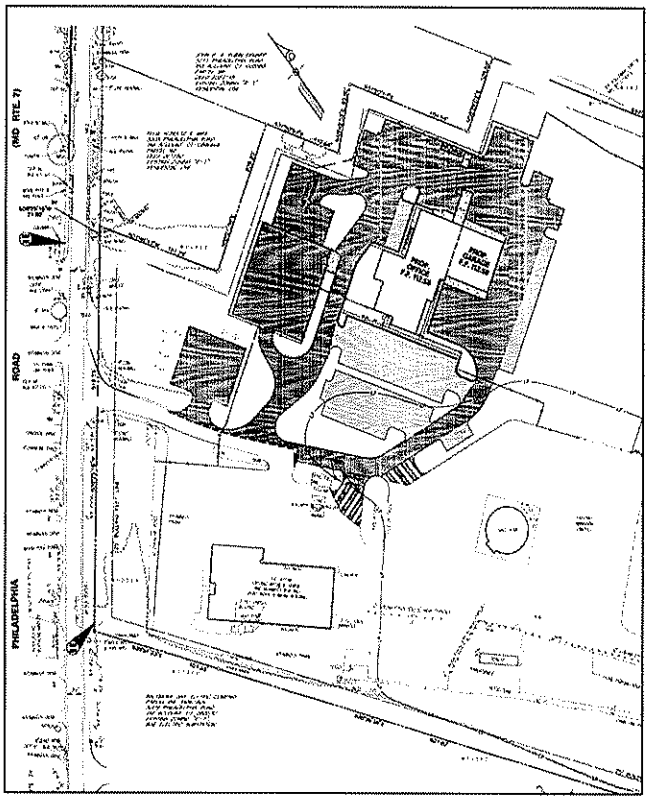
Contact
Edward Maley,
(410) 638-3547
Harford County Department of Public Works

Year Complete: 2005

KCI provided various engineering services for a new 7,450 SF single story office building with an attached 8,320 SF garage, recycling area, a flat yard, asphalt parking areas, and a stormwater management pond for the Harford County Water and Sewer Maintenance Shop and renovation of the existing building for the Highway Division including miscellaneous site improvements. The total site area encompassed approximately 37.5 acres, 14 acres of which are currently being occupied by the Harford County Department of Public Works. The remaining 24 acres contain the old Abingdon Landfill. The Abingdon Landfill is reportedly an unlined trench-type municipal landfill that operated from 1960 through 1973.

KCI performed a hazardous materials survey to determine the presence or absence of asbestos-containing materials, led-based paint, potential sources of polychlorinated biphenyls, etc. within the existing building.

KCI also preformed a comprehensive review of the existing forested area and performed a site assessment to determine the existence of wetlands. A forest stand delineation was completed for approximately 17.0 acres. The wetland review identified five distinct and separate wetland areas. KCI's environmental staff performed a delineation and coordinated a jurisdictional determination of the existing on-site wetlands with the Maryland Department of the Environment and the United States Army Corps of Engineers.



KCI developed several site alternates. The new building and site incorporated the existing Department of Public Works Building and the old Abingdon landfill that is no longer operated into the overall development plan. KCI assisted the project team with evaluations of each proposed alternate of the final site plan.

The final design allowed for the addition of an add alternate recycling area, an add alternate wash-bay area, a new flat yard for storing public work materials, a fence enclosed parking area for all county vehicles, a separate parking area for employee and visitor vehicles, and a storm water management pond. Regarding the existing capped landfill, the final design was kept at a minimum required distance with all work within the landfill area heing fill only and no cut.

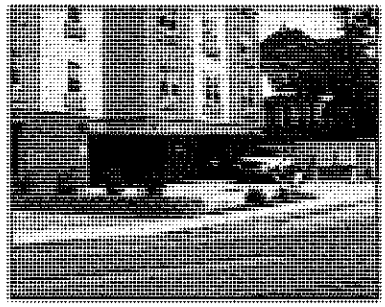
KCI staff developed a new paving layout and parking layout for the existing Highways building and also designed extensions for storm drain, water and sanitary sewer services for both the new Water and Sewer Building and the existing Highways building. The stormwater management design included a pond and a bio-retention area.

KCI shepherded the project through the County's web of review agencies to assist the Client and Owner with obtaining all of the necessary variances, waivers, and permits. KCI also provided construction administration services relating to the project's site/civil construction and assisted the construction manager with various related issues, including the development of field change documents and addressing RFIs.

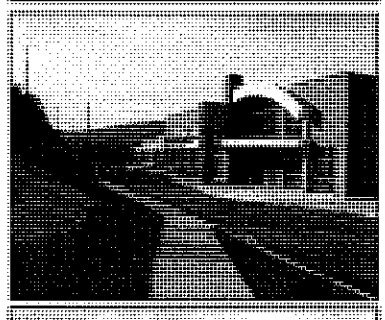
KCI & Paradigm

West Virginia University Downtown Student Housing Project
Morgantown, WV
KCI was a subconsultant to Paradigm Architecture for the New Honors Dormitory located on West Virginia University's downtown campus. This project was recently completed. KCI was responsible for overall site design, plaza, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting.

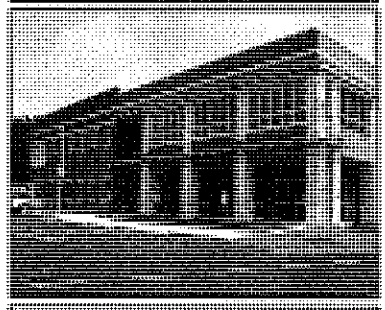
The Dayton
Morgantown, WV
KCI was a subconsultant to Paradigm Architecture for the Dayton. The Dayton is a 3-story modular building located at the corners of Ridgeway Avenue, Dayton Street and Richwood Avenue in Morgantown, WV. The building is a mixed used residential housing project with a parking garage and retail space located on the ground level. KCI was responsible for overall site/civil design, landscape design, water lines, sanitary sewer, general utility coordination, site/civil permitting and erosion and sediment control.



The View II at the Park
Morgantown, WV
KCI was a subconsultant to Paradigm Architecture for the View II. The View II is the second phase of a three phased development along the waterfront in Morgantown, WV. The View II is a 4-story structure that houses Morgantown Area Chamber of Commerce on the first floor, with residential condominiums on the upper floors. KCI was responsible for overall site design, utility lines, sidewalks, drainage, stormwater retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting.

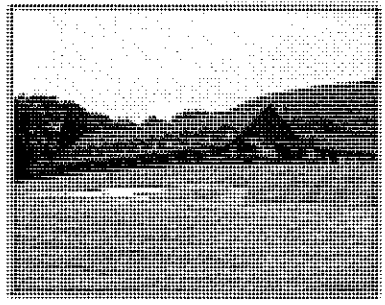


Morgantown Event Center
Morgantown, WV
KCI is a subconsultant to Paradigm Architecture for the new Morgantown Event Center and Parking Garage, located in the Wharf District of Morgantown, WV. KCI is providing site/civil engineering and landscape architecture services for this design-build project.



USDA Building
Sabraton, WV
KCI was a subconsultant to Paradigm Architecture for the USDA Building located in the Sabraton Area of Morgantown. KCI provided site/civil engineering and landscape architecture design services for this design/build project. This project is pursuing LEED certification.

Cacapon Resort State Park Golf Course Improvements
Cacapon, WV
KCI is a subconsultant to Paradigm Architecture for the Cacapon Resort State Park Improvement Projects. KCI is currently providing engineering services for the golf course. The improvements are to be commensurate with a Robert Trent Jones style course. KCI is also providing design services to upgrade the parks waste water collection system, and improve the potable water distribution throughout the park. KCI will also be providing site/civil engineering and landscape architecture services to accommodate the addition to the resort that is currently being designed by Paradigm Architecture.



Allegheny Design Services

Structural & MEP Engineering

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

CONSULTING ENGINEERING FIRM SPECIALIZING IN STRUCTURAL BUILDING DESIGN AND BUILDING ANALYSIS

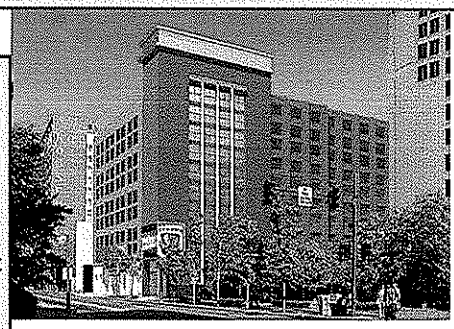
OFFICE BUILDINGS

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

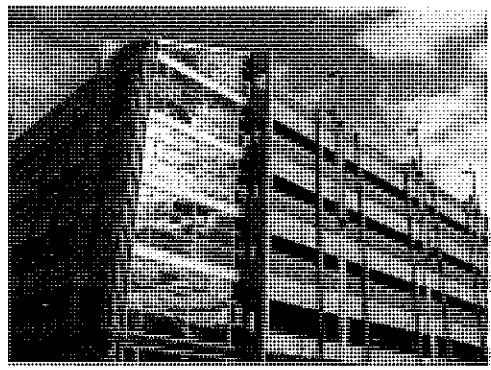
Dedicated to serving West Virginia and the surrounding region, *ADS* recognizes the need for reliable and full service structural engineering support. *ADS* provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction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

Over 20 years in Design and Project Management of:

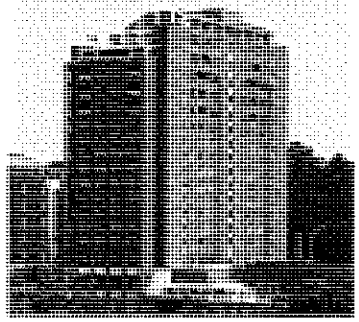
- Commercial
- Industrial
- Institutional
- Educational Facilities



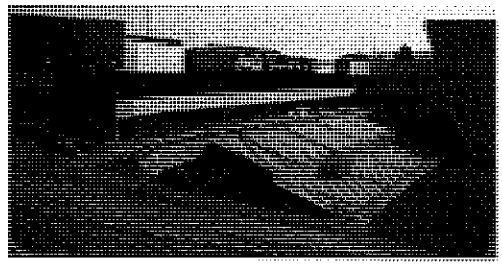
MIXED USE



PARKING GARAGES

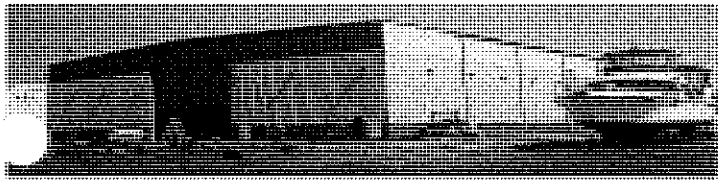


HOTEL
CONFERENCE CENTERS



ATHLETIC FACILITIES

SECONDARY EDUCATION



METAL BUILDING SYSTEMS

HEALTH CARE

Allegheny
Design Services
Structural & MEP Engineering

102 Leeway Street
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Fax: (304)599-0772
E-mail: Dave@AlleghenyDesign.com
Web: www.AlleghenyDesign.com

FIRM PROFILE

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, Virginia, Maryland, Pennsylvania, and District of Columbia.

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

Commercial Facilities

Industrial Facilities

Institutional Facilities

Educational Facilities

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

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

ADS is covered under a $2 million liability policy for errors and omissions through Travelers.

Allegheny Design Services
Structural & MEP Engineering

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Web: www.AlleghenyDesign.com

KEY PERSONNEL

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

West Virginia Institute of Technology, BSCE

West Virginia University, MBA

Structural Engineering Certification Board

P.E. Licenses in the following States:

- West Virginia
- Pennsylvania
- Maryland
- Virginia
- District of Columbia

National Council of Examiners for Engineering and Surveying

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

West Virginia Institute of Technology, BS Mechanical Engineering

West Virginia University

- Structural Analysis
- Steel Design
- Reinforced Concrete Design

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

West Virginia University, BS Civil Engineering

Allegheny Design Services
Structural & MEP Engineering

102 Leeway Street
Morgantown, WV 26505
Phone: (304)599-0771
Fax: (304)599-0772
E-Mail: Dave@AlleghenyDesign.com
Web: 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
National Council of Examiners for Engineering and Surveying

Professional Memberships:

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

Continuing Education:

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

Professional Experience:

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

Experience Record:

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

Additional Professional Experience:

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

Project experience includes:

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

Allegheny Design Services
Structural & MEP Engineering

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

Michael L. Sipe, E.I.
Engineering Intern

Education:

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

Awards/Achievements/Organizations:

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

Professional Registrations:

West Virginia, Engineering Intern License # 8519

Professional Experience:

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

Experience record:

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

Courses and Continuing Education:

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

Allegheny Design Services
Structural & MEP Engineering

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

Jason D. Robinson, E.I.
Engineering Intern

Education:

West Virginia University
B.S. Civil Engineering

Awards/Achievements/Organizations:

Dean's List
Member of AISC
Associate Member of ASCE

Professional Registrations:

West Virginia, Engineering Intern License #8699

Professional Experience:

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

Experience record:

Bridgeport Public Safety Substation, Bridgeport, WV
Canaan Valley Institute, Davis, 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
Rees Restaurant, 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

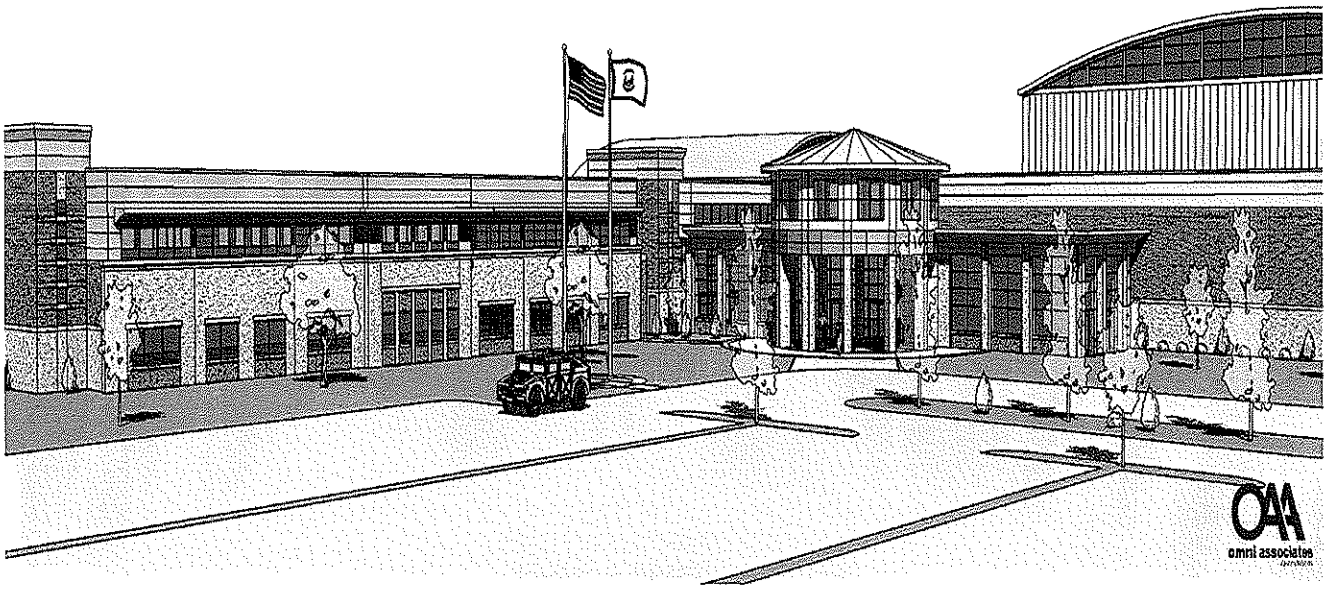
Courses and Continuing Education:

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

Allegheny Design Services
Structural & MEP Engineering

PROJECT PROFILE

Fairmont AFRC
Fairmont, WV



PROJECT ARCHITECT:	The Omni Associates—Architects, Inc., Fairmont, WV
STRUCTURAL ENGINEER:	Allegheny Design Services, Morgantown, WV
CONTRACTOR:	To Be Determined
PROJECT VALUE:	$18 Million
ESTIMATED PROJECT COMPLETION:	Under Design

Allegheny Design Services
Structural Engineering

PROJECT PROFILE

Allegheny Energy Transmission Building
Fairmont, WV

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

PROJECT SCOPE:
- Transmission Control Center
- Offices & Conference Rooms
- Maintenance Center

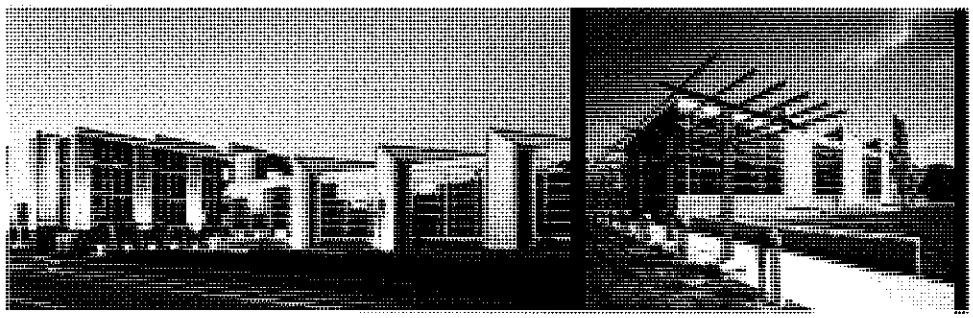
PROJECT VALUE: $25 Million

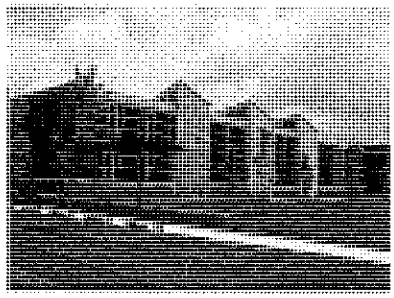
ESTIMATED PROJECT COMPLETION: Sept. 2010

Allegheny Design Services
Structural & MEP Engineering

PROJECT PROFILE

International Brotherhood of Electrical Workers Corporate Offices and Training Center Pittsburgh, PA





PROJECT ARCHITECT: IKM Inc., Pittsburgh, PA
STRUCTURAL ENGINEER: Allegheny Design Services, Morgantown, WV
CONTRACTOR: Mascaro Corp., Pittsburgh, PA

PROJECT SCOPE:
- New Office Building
- Training Center
- Conference Hall

PROJECT VALUE: $23 Million

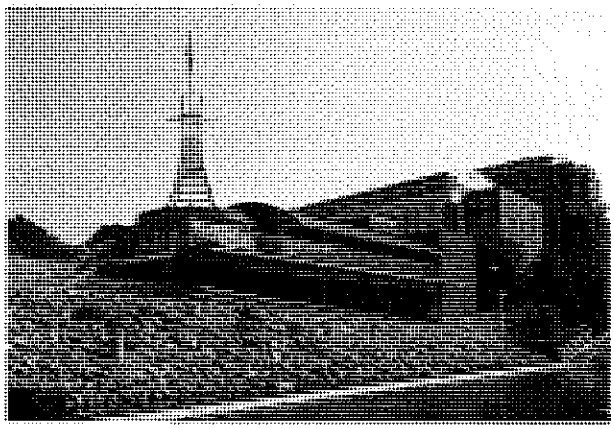
PROJECT COMPLETION: 2001

Allegheny Design Services
Structural & MEP Engineering

ALLEGHENY DESIGN SERVICES' EXPERIENCE TEAMING WITH PARADIGM ARCHITECTURE

Boathouse Bistro
Morgantown, WV

ADS was a sub-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.

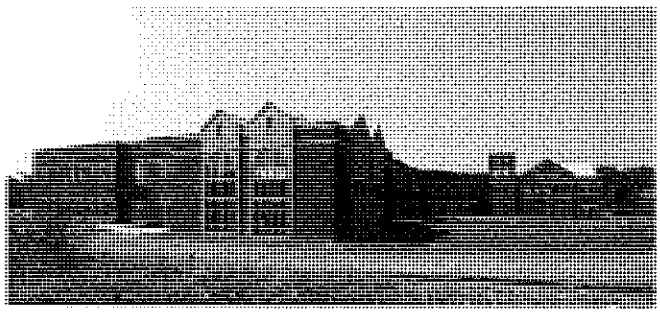


Cacapon Resort State Park Golf Course Improvements
Cacapon, WV

ADS is a sub-consultant to Paradigm Architecture for the Cacapon Resort State Park Improvement Projects. ADS will be providing design of foundations and structural system design for multimillion dollar addition.

Chestnut Ridge Community Church
Morgantown, WV

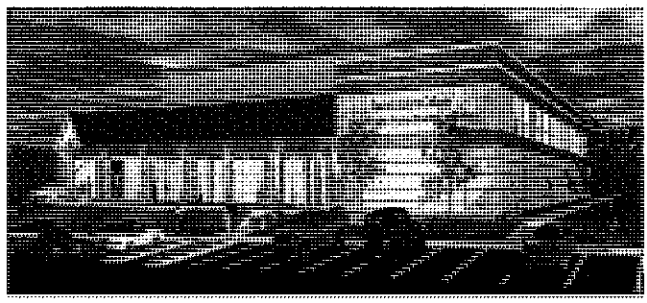
ADS was a sub-consultant to Paradigm Architecture for the Chestnut Ridge Community Church. At the time of completion in 2006 this was the largest church facility in West Virginia. At a cost of $12 Million, it houses an education/gymnasium wing, administrative offices, and a 2000 seat sanctuary.



Allegheny Design Services
Structural & MEP Engineering

Davis & Elkins College Athletic Center
Elkins, WV

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

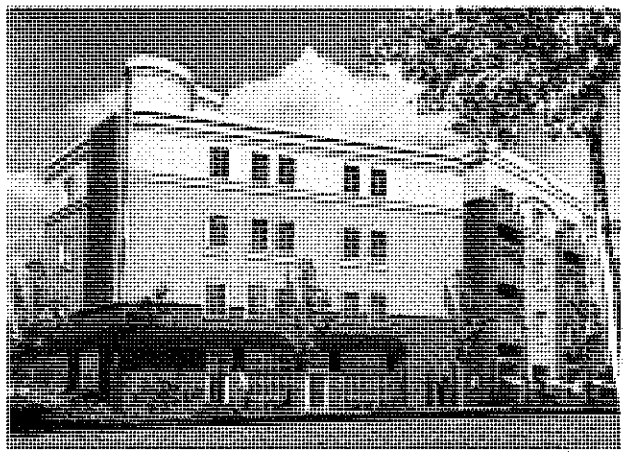


Davis & Elkins College Benedum Hall Renovation
Elkins, WV

ADS was a sub-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

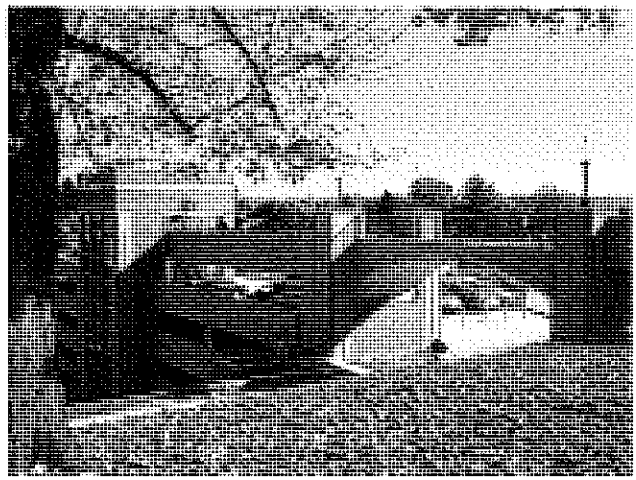
ADS was a sub-consultant to Paradigm Architecture for The Dayton. The Dayton is a 3 story modular building located at the corners of Ridgeway Avenue, Dayton Street and Richwood Avenue in Morgan-town, WV. The building is a mixed used residential housing project with parking garage and retail space located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



Allegheny Design Services
Structural & MEP Engineering

Fairmont State University Parking Garage
Fairmont, WV

ADS was a sub-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.

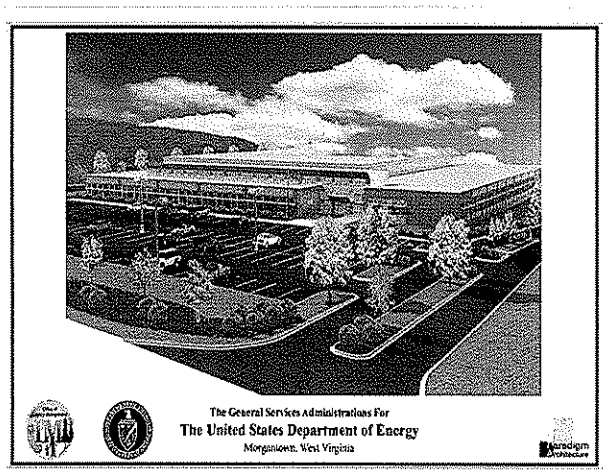


Glade Springs Hotel & Conference Center
Daniels, WV

ADS was a sub-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.

GSA - Department of Energy
Morgantown, WV

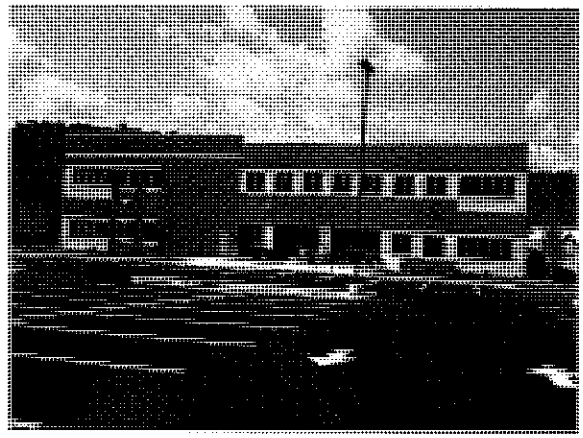
ADS was a sub-consultant to Paradigm Architecture for the GSA - DOE. This office and records storage building was completed in 2009. At a cost of $8 Million (shell only) it was awarded through a Design Build Competition sponsored by the General Services Administration.



Allegheny Design Services
Structural & MEP Engineering

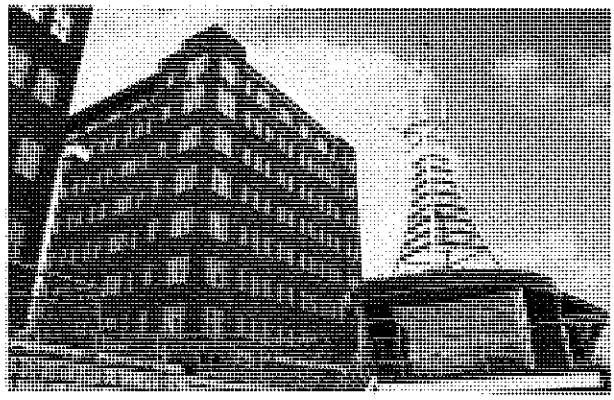
GSA/USDA Building
Sabraton, WV

ADS was a sub-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 pursing LEED certification.



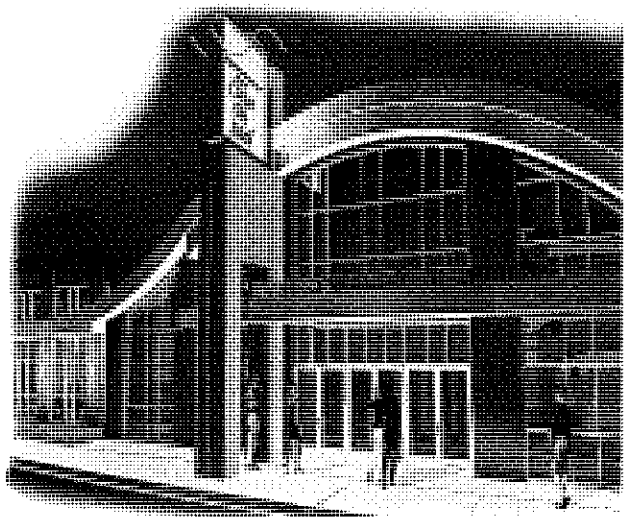
Marina Tower
Morgantown, WV

ADS was a sub-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.



Morgantown Event Center
Morgantown, WV

ADS is a sub-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

Trinity Christian School
Morgantown, WV

ADS was a sub-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.

The View at the Park
Morgantown, WV

ADS was a sub-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.

The View II at the Park
Morgantown, WV

ADS was a sub-consultant to Paradigm Architecture for the View II. The View II is the second phase of a three phased development along the waterfront in Morgantown, WV. The View II is a 4-story structure that houses Morgantown Area Chamber of Commerce on the first floor, with residential condominiums on the upper floors. ADS was responsible for foundation and structural system design.

Allegheny Design Services
Structural & MEP Engineering

Waterfront Place Hotel & Conference Center
Morgantown, WV

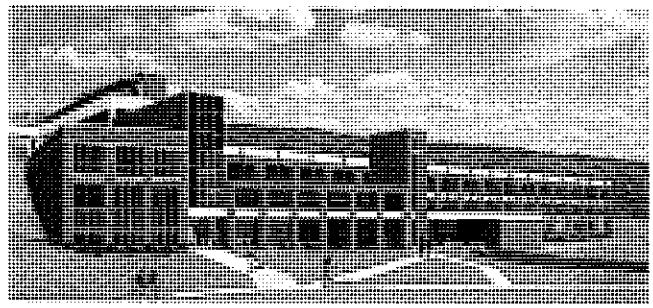
ADS was a sub-consultant to Paradigm Architecture for the Waterfront Place Hotel & Conference Center. The $33 Million hotel and conference center was completed in 2003. The 17 story building contains 300,000 sq. foot of heated space with a lower level parking garage.

West Virginia University Honors Dormitory
Morgantown, WV

ADS was a sub-consultant to Paradigm Architecture for the new Honors Dormitory located on West Virginia University's downtown campus. This project was recently completed. ADS was responsible for overall foundation and structural system design.

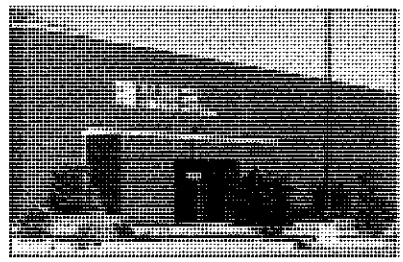
WVU Transportation Center & Parking Garage
Morgantown, WV

ADS was a sub-consultant to Paradigm Architecture for the WVU Transportation Center & Parking Garage. The $17 Million facility contains a 500 car parking garage, offices, public space, and retail space. It was completed in 2009.



H.F. LENZ
COMPANY

Firm Profile



Currently in its 64th year, the H.F. Lenz Company is a multi-discipline engineering firm offering a full range of engineering services for building systems, infrastructure, and industry. Our projects span the nation, with the heaviest concentration in the Northeast, and exceed $530 million in MEP and structural construction and civil/site engineering services annually. Each market sector—corporate, government, health care, education, and industry—is served by a team of specialists who understand the unique needs of the clients they serve. We currently have 169 employees, including 44 Professional Engineers licensed in a total of 45 states, including West Virginia, and office locations in Johnstown, Pittsburgh, and Erie, Pennsylvania.

Services offered include:

- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Life Safety / Fire Protection Engineering
- Communications Engineering
- LEED Design Services
- Civil Engineering
- Structural Engineering
- Industrial Engineering
- Surveying
- Construction Phase Services
- Commissioning

A remarkable 85 percent of our work consists of repeat commissions from clients, including the U.S. Army Corps of Engineers, who appreciate our responsive, value-added service. We've earned their trust by:

- Designing well-functioning systems that work *with* a building's architecture rather than being constrained by it.
- Achieving the optimal balance of system performance with the client's budget through value engineering.
- Designing system infrastructures—including communications—that accommodate growth and changing technology.
- Phasing installations to avoid disrupting normal and critical operations.
- Keeping construction cost and schedule on track with enhanced construction-phase services.
- Commissioning new systems to assure that they function as intended.

Experienced Project Team

The team that will serve on this contract is comprised of dedicated, multi-discipline individuals, many of whom have been working together for almost a decade. Together they have taken on the challenges of numerous high profile, complex projects and have derived workable, cost-effective solutions that have met the objectives of the client.

H.F. Lenz Company has provided engineering services for over $75 million of construction for the U.S. Army, Baltimore Corps of Engineers over the past 20 years including 7 indefinite delivery-type contracts (IDTCs) and 11 new reserve centers, several of which were design/build projects. We have held six (6) IDTC's for Letterkenny Army Depot under which we have completed in excess of 100 projects requiring a variety of engineering expertise. We also have experience with the Pennsylvania and Ohio National Guard.

H.F. LENZ COMPANY

Thomas F. Deter, P.E., LEED™-AP

Principal-in-Charge of MEP Systems Engineering

Mr. Deter is responsible for the engineering design of all trades, the supervision of senior designers, the preparation of reports to determine optimal systems and/or equipment selections, and the coordination and checking of contract documents for completeness and quality. He is responsible for coordination with the client, the architect, regulatory agencies, and the engineering staff; project scheduling; and other project management functions. Mr. Deter is experienced in the design of building systems for both new bnildings and building retrofits for educational, health care, commercial, government, indnstrial, residential, and utility related facilities. He is experienced in the design of power distribution systems; emergency power systems and monitoring; uninterruptible power supplies; lighting and emergency lighting systems; fire alarm systems; nurse call; security; sound; and telephone systems. His project experience includes:

New Arinory, Pennsylvania Department of Military Affairs
Ford City, Pennsylvania
New 24,400 sq.ft. training center with classrooms and kitchen/dining facilities and maintenance shop

Pennsylvania National Guard Facility
Regional Maintenance Facility
Johnstown, Pennsylvania
New maintenance shop consisting of 23,560 square feet with approximately 8,000 square feet of office and maintenance shop area and the remainder for storage and eight vehicle maintenance bays

U.S. Army Reserve Center Aviation Facility
Johnstown, Pennsylvania
New 120,000 sq.ft. multi-building reserve center including a new training building and hangar facility. Project included 90% design for a new 200-bed Marine Corps Reserve barracks

U.S. Army Reserve Center
Wheeling, West Virginia
Design/build project including a 24,000 sq.ft. training building with classrooms, administrative areas, library, assembly hall, weaponeer room and medical section, and 17,000 sq.ft. OMS/AMSA

U.S. Army Reserve Aviation Center
Weirton, West Virginia
Design/build project including a 16,000 sq.ft. training building with classrooms, assembly hall, arms vault, armorer, weaponeer room, and Comsec training area, and a 6,300 sq.ft. OMS

U.S. Army Reserve Center
Grantsville, Maryland
New 15,300 sq.ft. training building with classrooms, assembly hall, library, Comsec training area, and weaponeer room, and 2,400 sq.ft. OMS

Letterkenny Army Depot
Chambersburg, Pennsylvania
Various projects under 5 IDCs including:
- *Building 350 – Vehicle maintenance building lighting and fire alarm system replacement*
- *Building 1 - HVAC system upgrades*

U.S. Air Force – 911th Airlift Group
Corapolis, Pennsylvania
Various projects under two IDCs

Education

Bachelor of Science, Electrical Engineering Technology, 1987, University of Pittsburgh at Johnstown

Experience

H.F. Lenz Company 1992 – Present • Parfitt/Ling Consulting Engineers 1990 - 1992
Gary Johnston & Assoc., Inc. 1987 - 1990

Professional Certification

Licensed Professional Engineer in Pennsylvania, Illinois, Maryland, New Jersey, Ohio, Virginia, and West Virginia; LEED™ Accredited Professional

Professional Affiliations

Professional Engineers in Private Practice; NSPE/PSPE; APPA; U.S. Green Building Council

H.F. LENZ COMPANY

John C. Stewart, P.E.

Mechanical Engineer and LEED™ Accredited Professional

Mr. Stewart has over 20 years experience in the design of HVAC, plumbing, and fire protection systems. His responsibilities have included code compliance verification, schematic layout, calculations, equipment selection, control system selection, specification writing, coordination, life cycle cost analyses, cost estimating. His experience includes the design of mechanical systems for military installations, industrial plants, office buildings, hospitals, and educational facilities. He has also been involved in the design of chiller and boiler plants. Mr. Stewart's project experience includes (*indicates prior experience):

Pennsylvania National Guard
Johnstown, Pennsylvania
New Regional Maintenance Facility with 23,560 sq.ft. maintenance shop. The project included flammable storage, general storage areas, and an on-site fuel dispensing station

Ohio National Guard
Akron-Canton Regional Airport, Akron, Ohio
New 26,400 sq.ft. aircraft storage facility and partial demolition, expansion, and renovations to the existing hangar. The project included the design of a new fire suppression system

New Armory, Pennsylvania Department of Military Affairs
Ford City, Pennsylvania
New 24,400 sq.ft. training center with classrooms and kitchen/dining facilities and maintenance shop

911th Airlift Wing, U.S. Air Force Reserve
Greater Pittsburgh International Airport
Coraopolis, Pennsylvania
Various projects under two IDCs

Walter Reed Army Medical Center
Chambersburg, Pennsylvania
- *Renovation and upgrade to Building 12, Provost Marshal's Facility*
- *Repair and upgrade of the main steam distribution system from the Garrison's Steam Plant, Building 15, to the Main Hospital building, Building 2*

Dyess Air Force Base*
Abilene, Texas
- *Base Headquarters*
- *Aircraft and maintenance hangar*
- *Vehicle maintenance facility*
- *General aircraft maintenance hangar renovation*
- *80,000 sq.ft. office building renovation*

Squadron Operations, Dyess Air Force Base*
Abilene, Texas
- *HVAC replacement involving 998 units of military family housing*
- *Renovation to existing airmen's dormitory*
- *Renovations and additions to five office buildings ranging from 5,000 to 15,000 sq.ft.*

Education

Master of Science, Mechanical Engineering, University of Pittsburgh, 1995
Graduate Courses in Facilities Engineering, Air Force Institute of Technology, 1984-1987
Bachelor of Science, Mechanical Engineering, University of Pittsburgh, 1984

Experience

H.F. Lenz Company 1996 - Present
Peter F. Loftus Division, Eichleay Engineers, Inc. 1989 - 1996
Newport News Shipbuilding 1988 - 1989
U.S. Air Force 1984 - 1988

Professional Registration / Certification

Licensed Professional Engineer in Pennsylvania • LEED™ Accredited Professional • Adjunct Assistant Professor for the University of Pittsburgh at Johnstown in HVAC Design for the Mechanical Engineering Technology Curriculum

Professional Affiliations

American Society of Heating, Refrigerating, and Air-Conditioning Engineers; APPA
U.S. Green Buildings Council

H.F. LENZ COMPANY

Steven P. Mulhollen, P.E.

Electrical Engineer

Mr. Mulhollen is experienced in the design of power distribution systems, control systems, emergency power systems, lighting and emergency lighting systems, fire alarm systems, security, sound, and telecommunication systems for correctional, educational, institutional, industrial, health care, and commercial facilities. Mr. Mulhollen's project experience includes (*indicates prior experience):

Pennsylvania National Guard
Johnstown, Pennsylvania
New Regional Maintenance Facility with 23,560 sq.ft. maintenance shop. The project included flammable storage, general storage areas, and an on-site fuel dispensing station

Ohio National Guard
Akron-Canton Regional Airport, Akron, Ohio
New 26,400 sq.ft. aircraft storage facility and partial demolition, expansion, and renovations to the existing hangar. The project included the design of a new fire suppression system

Letterkenny Army Depot
Chambersburg, Pennsylvania
Various projects under several IDCs including:
- *Building 350 - Vehicle maintenance building lighting and fire alarm system replacement (350,000 sq.ft)*
- *Defense Data Center, Bldg 3*
- *Warehouse Building, Bldg 7*
- *Missle Maintenance Building, Bldg 370*
- *ATACMS Missle Assembly Facility, Bldg 3810*
- *Building 521 Addition*
- *Commanding Officer's Residence, Bldg 505*
- *Hazardous materials storage building*
- *Battery shop addition*

U.S. Air Force - 911th Airlift Group
Corapolis, Pennsylvania
Various projects under two IDCs

Department of Treasury*
New Troop "C" Headquarters
Trenton, New Jersey
New 85,000 sq.ft. police barracks with training areas, administration areas, car maintenance area, dispatch area, and holding cells

Allegheny County 911 Center*
Allengheny County, Pennsylvania
New 911 center consisting of 60,000 sq.ft. of administration space and 3,500 sq.ft. of data center space

Westmoreland County 911 Center*
Westmoreland County, Pennsylvania
New 25,000 sq.ft. center consisting of computer and administration space

Naval Surface Warfare Center*
West Bethesda, Maryland
Building 5 electrical distribution upgrade totaling $300,000

Anthony Juvenile Correctional Center*
Neola, West Virginia
Electrical design of correctional facility

Pennsylvania Turnpike Commission
Central Administration Building
Harrisburg, Pennsylvania
New three-story addition and renovation to the Central Administration Building including parking lot and exterior building lighting; LEED™ Certified Building

Education

Bachelor of Science, Electrical Engineering, 1988, Pennsylvania State University

Experience

H.F. Lenz Company 1999
L. Robert Kimball & Associates 1996 - 1999
Leach Wallace Associates, Inc. 1990 - 1996
E.A. Mueller, Inc. 1988 - 1990

Professional Registration / Certification

Licensed Professional Engineer in Pennsylvania • Alabama • Florida • Maryland • Missouri • New Jersey • New Mexico • Ohio • Tennessee

Professional Affiliations

Institute of Electrical and Electronics Engineers, Inc.

H.F. LENZ COMPANY

Gregory D. Rummel, C.P.D.

Plumbing and Fire Protection Designer

Mr. Rummel has designed complete plumbing and fire protection systems for colleges, schools, office buildings, hospitals, prisons, laboratories, industrial facilities, and military installations. He is fully knowledgeable of NFPA codes and is experienced in the design of wet, dry, preaction, FM200, and deluge fire protection systems. He is responsible for plumbing and sprinkler system design, layout, and calculations; selection and sizing of equipment; cost estimates; and site survey work. Mr. Rummel supervises drafting personnel; coordinates the plumbing design with utility companies, with other trades, and with the Project Engineer and Project Architect; and is responsible for assembling complete and accurate plumbing bid documents which meet H.F. Lenz Company standards. Mr. Rummel has been involved in the design of plumbing and fire protection systems for the following projects:

Pennsylvania National Guard
Johnstown, Pennsylvania
New Regional Maintenance Facility with 23,560 sq.ft. maintenance shop. The project included flammable storage, general storage areas, and an on-site fuel dispensing station

Ohio National Guard
Akron-Canton Regional Airport, Akron, Ohio
New 26,400 sq.ft. aircraft storage facility and partial demolition, expansion, and renovations to the existing hangar. The project included the design of a new fire suppression system

New Armory, Pennsylvania Department of Military Affairs
Ford City, Pennsylvania
Plumbing and fire protection design for a new 24,000 sq.ft. training facility with classrooms and kitchen/dining facilities

U.S. Army Reserve Aviation Facility
Johnstown, Pennsylvania
Fire protection system design for a new 120,000 sq.ft. multi-building reserve center with new training building including assembly hall, classrooms, administrative areas, dining facilities, and arms vault, and a new hangar facility. Project included 90% design for a new 200-bed Marine Corps Reserve barracks

U.S. Army Reserve Center
Grantsville, Maryland
Plumbing and fire protection design for a new 15,300 sq.ft. training building with classrooms, assembly hall, library, Comsec training area, and weaponeer room, and 2,400 sq.ft. OMS

U.S. Army Reserve Center
Beckley, West Virginia
Plumbing and fire protection design for a new 300-member Reserve Center with training building and OMS

U.S. Army Reserve Center
Kingwood, West Virginia
Plumbing and fire protection design for a new 100-member Reserve Center with training building and OMS

911th Airlift Wing, U.S. Air Force Reserve
Greater Pittsburgh International Airport
Coraopolis, Pennsylvania
- *Plumbing and fire protection system design for a new 21,700 sq.ft. base civil engineering building*
- *Various projects undber two IDCs*

Letterkenny Army Depot
Chambersburg, Pennsylvania
Various projects under 5 IDCs

Education

B.S. in Mechanical Engineering Technology, 2000, Point Park College
Associate in Specialized Technology 1984, Architectural Drafting and Construction with CAD Technology, Triangle Institute of Technology

Experience

H.F. Lenz Company 1989 - Present
Newport News Ship Building 1984 - 1989

Professional Certification

Certified in Plumbing Design, ASPE

Military Facilities

The following new Military Facilities contain a variety of relevant spaces including offices, maintenance and storage facilities, and various shops and production areas.

Regional Maintenance Facility, Pennsylvania National Guard Facility, Johnstown, PA. HFL was responsible for the engineering design of a New Maintenance Shop for the Pennsylvania National Guard Facility consisting of 23,560 sq.ft. with approximately 8,000 sq.ft. of office and maintenance shop area and the remainder for storage and eight vehicle maintenance bays. The project included flammable storage, general storage areas, weapons vault, security system design, and an on-site fuel dispensing station. The entire area is protected by a perimeter fence and automatic access gates entering the site. Total Construction Cost: $4,200,000.

New U.S. Army Reserve Centers (USARCs) in Morgantown, Kingwood, and Elkins, WV. HFL provided the MEP services for all three of the facilities which included:

- Morgantown – 21,700 sq.ft. Administrative and Training Building, 5,500 sq.ft. four bay Organizational Maintenance Shop (OMS)
- Elkins – 12,000 sq.ft. Administrative and Training Building, 4,200 sq.ft., three bay OMS
- Kingwood – 19,000 sq.ft. Administrative and Training Building, 5,000 sq.ft. four bay OMS, and 600 sq.ft. of covered storage area

Total Construction Cost: $5,400,000.

New USARC in Beckley and Rainelle, WV. HFL provided the MEP services for both of the facilities which included:

- Beckley – 27,511 sq.ft. Administrative and Training Building, 2,709 sq.ft. OMS
- Rainelle – 19,444 sq.ft. Administrative and Training Building, 7,532 sq.ft., three bay OMS

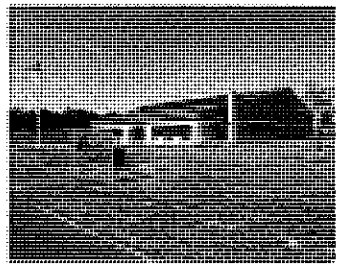
Total Construction Cost: $5,400,000

U.S. Army Reserve Aviation Center, Weirton, WV. Under this design/build contract, the HFL provided engineering design services for a 30% concept design for this new reserve center. The facility is comprised of a 16,000 sq.ft. training building and a 6,300 sq.ft. organizational maintenance shop (OMS).

New USARC in Grantsville, PA. HFL provided the MEP Engineering services for a 15,000 sq.ft. training building and 2,400 sq.ft. OMS
Total Construction Cost: $4,500,000

New USARC in Brownsville, PA. HFL provided the MEP Engineering services for a 20,000 sq.ft. training building and a new six bay OMS
Total Construction Cost: $3,600,000

U.S. Armed Forces Aviation Facility, Johnstown, PA. HFL provided MEP, Structural, and Civil Engineering Services and Land Surveying Services for a new120,000 sq.ft. aviation facility consisting of a training building to accommodate 300 reservist, a new hangar facility, and site development for the 80-acre site. Total Construction Cost: $30,000,000.



Civil Engineering Building for the 911th Airlift Group, in Coraopolis, PA. HFL provided the MEP, Civil, Structural, and Land Surveying Services for a new 21,000 sq.ft. building housing offices, classrooms, conference rooms, drafting room, print room, support facilities, plumbing, sheet metal and welding shop, carpentry shop, electrical shop, HVAC and liquid fuels shop, Battery shop, Fire extinguisher shop, storage facilities and covered storage area. The project was phased to allow existing facilities to remain in use during construction. Total Construction Cost: $4,300,000.

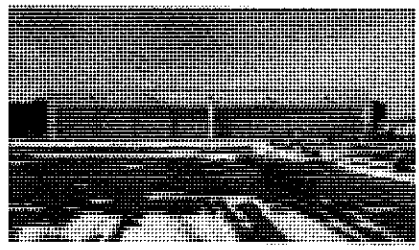
Operational Maintenance Facility, Johnstown, PA. HFL provided MEP, Structural and Civil Engineering for a new 12,700 sq.ft. Organizational Maintenance Facility with eight work bays. Total Construction Cost: $4,690,000

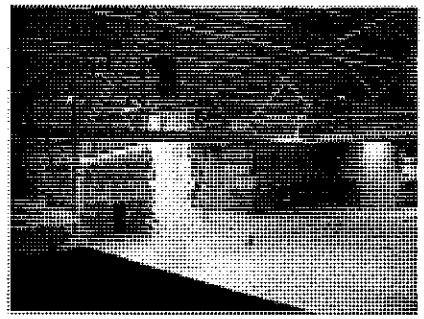
Letterkenny Army Depot, U.S. Army Corps of Engineers
Chambersburg, PA. HFL has completed numerous projects throughout the Letterkenny Army Depot on five IDCs over the past 20+ years, including Building 350 which accommodates repair and maintenance for tactical vehicles, and Building 320 which accommodates painting and repair of military vehicles. Our services have included mechanical, electrical, fire protection, structural, and civil design services for various new construction, alteration projects and repair projects.

H.F. LENZ COMPANY

Relevant Project Experience

Hanger Expansion and New Aircraft Storage Facility, Ohio National Guard, Akron-Canton Regional Airport, Akron, OH. HFL provided MEP and structural engineering services for the expansion and alteration of the existing Army Aviation Support Facility (AASF) hanger. The existing facility was not equipped with a fire suppression system. The requirements of the project included partial demolition, expansion of the foundation and floor area of the existing hangar by 11,088 sq.ft., a new fire suppression system, modifications to the existing security systems and various interior improvements. The expanded facility is now able to accommodate three CH-47 helicopters.





The project also included the design of a new 26,400 sq.ft. aircraft storage facility.

The $6,700,000 project was completed in 2008.

Additional Military Facility Project Examples:

Army Reserve Center, Wheeling, WV
- New 284-member reserve center with training building and maintenance shop

Morlock Army Reserve Center, Pittsburgh, PA
- HVAC modifications

Copely Army Reserve Center, Oil City, PA
- Boiler addition

Steele Army Reserve Center, Pittsburgh, PA
- Complete HVAC system replacement

Camp Dawson, Kingwood, WV
- Three new billeting facilities

Walter Reed Army Medical Center, Washington, D.C.
- Energy engineering analysis program, main hospital building

Corps of Engineers Offices, The Wanamaker Building, Philadelphia, PA
- Tenant fit-up

Ford City Armory, Ford City, PA
- New 24,400 sq.ft. training center with classrooms and kitchen/dining facilities

Naval Air Station, Lakehurst, NJ
- Air conditioning tune-up study

Various Activities, Pennsylvania, New York, and New Jersey
- Specialized energy studies

Naval Ship Parts Control Center, Mechanicsburg, PA
- Administrative facility improvements

Naval Research Laboratory, Washington, D.C.
- Three indefinite delivery contracts for mechanical, electrical, and structural engineering services (Chesapeake Division)

Oceana Naval Station, Virginia Beach, VA
- Energy monitoring and control system
- Boiler plant modifications (Atlantic Division)

Additional Relevant Project Examples:

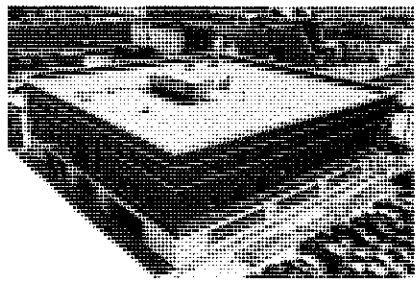
St. Marys Fire and Police Station, St. Marys, PA. HFL Provided MEP Engineering Services for a new 22,000 sq.ft. facility to house the Police and Fire Department. The project included administration offices, evidence storage areas, weapons storage, and a 6,500 sq.ft. apparatus room to house fire trucks, emergency vehicles, and equipment center. The design also included the 24-hour emergency dispatch center. Total Construction Cost: $4,000,000

North Middleton Township, Carlisle, PA. HFL provided MEP Engineering Services for a new 11,000 sq.ft. municipal building and a new 24,000 sq.ft. public works building. The facilities housed municipal offices, meeting hall, sheriff's holding/processing area, vehicle maintenance and storage areas.

ATA of North Central Pennsylvania, New Regional Transit Facility, Johnsonburg, PA. HFL provided engineering services for the design of the 37,700 sq.ft. new administration, maintenance, vehicle storage and fleet fueling facility.

Office Building Project Examples

National Drug Intelligence Center (NDIC), Johnstown, PA. HFL Provided MEP, Civil, and Structural Engineering services for the tenant fit-up of an existing building to house the various function of the NDIC. The project included extensive modifications to the base building and tenant spaces. The project also including the design of a new SCIF. Total Construction Cost: $3,500,000



SSA Johnstown, Johnstown, PA. HFL provided MEP, Civil and Structural Engineering Services and Land Surveying Services for a new 40,000 sq.ft. design/build office building. Total Construction Cost: $2,500,000

U.S. Drug Enforcement Agency, Pittsburgh, PA. HFL Provided MEP Engineering Services for a new 50,000 sq.ft. design/build office building. The project has received a LEED™ Certified Rating. Total Construction Cost: $4,33,096 (shell & site), $6,256,994 (with tenant fit-out services)

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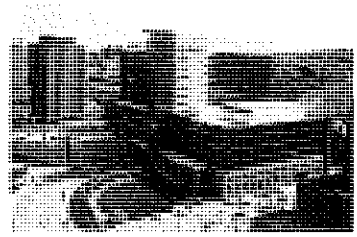
Relevant Project Experience

Data Processing Facilities Example



New Client Service Center for Mellon Financial Corporation (now Bank of New York Mellon), Pittsburgh, PA. HFL Provided MEP Engineering Services for a new 750,000 sq.ft. data processing and main operations center and a 55,000 data center. Functions at the facility include check processing; retail, custom and wholesale lockbox operations; government processing, retail paying, statement nsertion and other retail operations; international trade operations; corporate mail operations; corporate staffing; and global cash management administration. The project has received many awards including:

2001 Integrator Award, Consulting-Specifying Engineer Magazine
2004 Office Building of the Year, BOMA Mid-Atlantic Division
Total Construction Cost: $150,000,000

Production Facilities Examples

Kennametal Inc., Machine Systems Division, Solon, OH. HFL provided MEP, Structural and Civil Engineering for a new building housing 60,000 sq.ft. of office and administration area, a 120,000 sq.ft. manufacturing, assembly, and distribution area, and a 3,000 sq.ft. employee cafeteria. Total Construction Cost: $11,000,000

Cambria County Association for the Blind and Handicapped, Johnstown, PA. HFL Provided MEP, Structural and Civil Engineering for a new 27,200 sq.ft. office and manufacturing facility with special process ventilation system for the plant area and VAV cooling in the office areas. Total Construction Cost: $1,130,000 ($170,000 under budget)

LEED™ and Sustainable Design

H.F. Lenz Company was recently ranked in the *"Top 100 Green Design Firms"* in the Country, for the second year in a row, by ENR Magazine (June 2009 edition). We have been a member of the United States Green Building Council since 2000 and currently have *21 LEED® Accredited Professionals on staff.* Our firm has gained a high level of knowledge in the building green process and we possess the experience to successfully apply these principles to all building projects, whether they are designed to attain LEED Certification or not. In addition, we also became an *Energy Star® Partner Firm* in 2008, and recently completed our fourth project which has attained an Energy Star® Rating. H.F. Lenz Company currently has 24 projects that have attained various levels of LEED Certification, and 40+ projects that are currently pending LEED Certification.