Paradigm Architecture

Division of Corrections
Work Release/Training Centers
Various Locales, West Virginia

Sealed Bid
Buyer: John Abbott
Req#: COR61447

Expression of Interest
Architectural and Engineering Services

February 2, 2010
1:30 pm

Paradigm
Architecture

29 January 2010

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

RE: EOI for the Division of Corrections, Work Release/Training Centers, Various Locales, West Virginia

Mr. Abbott:

It is with great pleasure that I submit this Expression of Interest for four Work Release/Training Centers located throughout West Virginia for the Division of Corrections. **Paradigm Architecture, Inc.** has partnered with the renowned firm **Arrington Watkins Architects** to deliver you the highest quality of personal service, design expertise, project management, and quality control throughout the course of this project. Both firms have a primary focus of providing exceptional client service. By combing our talents and experience, we will provide you with a unique, collaborative team of specialization in Criminal Justice, Correctional, and Institutional project types that will make this project a success!

Located in Morgantown, WV, **Paradigm Architecture** has successfully completed many Institutional and Governmental projects, including current projects for **West Virginia University** in Morgantown, WV and Fairmont State University, in Fairmont, WV. We have been working with these clients for a number of years on a variety of project types, including athletic facilities, student housing, parking garages, and master planning. In addition we have just completed projects with the **US Department of Energy** and the **US Department of Agriculture**, both located in Morgantown, WV. Our staff also has abundant experience with similar facilities and clients while working at other firms. These local clients include **Stevens Correctional Facility**, **Charleston Federal Center**, and **Clarksburg Federal Center**.

Located in Phoenix, AZ, **Arrington Watkins Architects** is excited about another opportunity to work in the eastern United States. Their Criminal Justice portfolio includes work with **The Federal Bureau of Prisons** and **the Departments of Correction** for **Arizona**, **Colorado**, **Nevada**, **Oklahoma**, and **Virginia**. Designing everything from local county jail expansions to maximum security US Penitentiaries, their expertise will bring an unmatched level of creative solutions to this project. Of particular interest is Mr. Arrington's personal attention to every project. He is an active member of **ACA (American Correctional Association)** and has published several articles on Correctional Facility Design. He has designed over **$1.6 billion** worth of Federal, State, and Local facilities across the United States.

We have assembled a team of highly qualified consultants with appropriate project experience and technical ability to complete this project. Local firms **KCI Technologies**, **Allegheny Design Services**, and **HF Lenz** will provide Civil, Structural, and Mechanical, Electrical, and Plumbing Engineering services respectively. Paradigm Architecture has extensive professional relationships with these engineers, and we have successfully completed many projects together. Highly recommended by Arrington Watkins Architects due to their Criminal Justice expertise and past working relationships, **Buford Goff & Associates, Inc.** will provide Security and Communications Consulting services. Our team shares our commitment to service and quality and is excited about this project!

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

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

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
COR61447	1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
JOHN ABBOTT
304-558-2544

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE

Paradigm Architecture
2223 Cheat Rd, Suite 300
Morgantown, West Virginia 26508

SHIP TO
DIVISION OF CORRECTIONS
VARIOUS LOCALES AS INDICATED
BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/14/2010				

BID OPENING DATE: 02/02/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-07		

ARCHITECT SERVICES, PROFESSIONAL

EXPRESSION OF INTEREST

CONTRACT TO PROVIDE ARCHITECT & ENGINEERING SERVICES FOR THE WEST VIRGINIA DIVISION OF CORRECTIONS, FOR FOUR (4) PROJECTS IN VARIOUS LOCATIONS WITHIN THE STATE, PER THE ATTACHED DOCUMENTATION.

EXHIBIT 3

LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON ..... AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.

UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.

RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	(304) 284-5015	1/26/2010
TITLE: President	FEIN: 63-1263568	ADDRESS CHANGES TO BE NOTED ABOVE

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

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
COR61447	2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
JOHN ABBOTT
304-558-2544

VENDOR

RFQ COPY
TYPE NAME/ADDRESS HERE

Paradigm Architecture
2223 Cheat Rd, Suite 300
Morgantown, West Virginia 26508

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BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.

CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.

BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.

THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.

REV. 05/26/2009

NOTICE

A SIGNED BID MUST BE SUBMITTED TO:

DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
BUILDING 15
2019 WASHINGTON STREET, EAST
CHARLESTON, WV 25305-0130

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	(304) 284-5015	1/26/2010
TITLE President	FEIN 63-1263568	ADDRESS CHANGES TO BE NOTED ABOVE

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

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
COR61447	3

ADDRESS CORRESPONDENCE TO ATTENTION OF:
JOHN ABBOTT
304-558-2544

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE
Paradigm Architecture
2223 Cheat Rd, Suite 300
Morgantown, West Virginia 26508

SHIP TO
DIVISION OF CORRECTIONS
VARIOUS LOCALES AS INDICATED
BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/14/2010				

BID OPENING DATE: 02/02/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT

THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:

SEALED BID

BUYER: JOHN ABBOTT (32)

RFQ. NO.: COR61447

BID OPENING DATE: 2/2/2010

BID OPENING TIME: 1:30 PM

PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:

(304) 284-5014

CONTACT PERSON (PLEASE PRINT CLEARLY):

Paul A Walker

****** THIS IS THE END OF RFQ COR61447 ****** TOTAL:

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	(304) 284-5015	1/26/2010
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. COR61447

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 owned 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: Feb 1, 2010

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 1st day of ~~December~~ February, 2010

My Commission expired March 9, 2015

AFFIX SEAL HERE

NOTORY PUBLIC Susan J. Whittaker

OFFICIAL SEAL
NOTARY PUBLIC, STATE OF WEST VIRGINIA
SUSAN J. WHITTAKER
CHESTNUT RIDGE CHURCH
315 PT. MARION RD.
MORGANTOWN, WV 26505
MY COMMISSION EXPIRES MARCH 9, 2015

Paradigm
Architecture

Firm Profile

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

EXPERIENCE

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

Governmental:

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

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.

Educational:

Higher 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.

Religious:

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

Institutional:

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

Paradigm - definition - An example that serves as pattern or model

Paradigm Architecture

Firm History

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

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

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

Originally established in Birmingham, Alabama, Paradigm Architecture expanded in 2002 by opening an office in Morgantown, West Virginia. Our staff of eleven includes five registered architects, one intern architect, three CAD designers, and two administrative assistants. We utilize the most current technical hardware and software including AutoCAD, Revit, 3D site and building rendering programs, and Speclink specifications software.

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

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

2007 – Waterfront Marina, Morgantown, West Virginia
2007 – Chestnut Ridge Church, Morgantown, West Virginia
2004 – Madden Student Center at Davis and Elkins College, West Virginia
2004 – Two Waterfront Place Hotel and Conference Center, Morgantown, West Virginia
2003 – The Jackson Kelly Building, Morgantown, West Virginia

We have also been honored with:

2008 – Best New Construction Award from Main Street Morgantown for
Marina Tower, Morgantown, West Virginia
2008 – Best New Office Award from Main Street Morgantown for
Spilman Thomas Battle, Morgantown, West Virginia
2004 – The Top Block Award from the Alabama Masonry Institute for
Russell Professional Office Building III, Alexander City, Alabama
2004 – The Circle of Design Excellence Award from the Pittsburgh Corning Glass Block for
Lightning Strikes Family Fun Center, Trussville, Alabama

We are currently involved with Green Construction on the following projects:

2009 – United States Department of Energy Office of Legacy Management, Morgantown, West Virginia
(LEED Gold Certification is pending)
2009 – United States Department of Agriculture Office Building, Morgantown, West Virginia
(LEED Certification is pending)

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

Paradigm Architecture

Quality Control and Management

Teamwork

It has always been our philosophy that successful projects are the result of successful team relationships. And on any given construction project there are a lot of relationships that come into play: owners, developers, facilities managers, architects, engineers, contractors, subcontractors, financial institutions, attorneys, code agencies, 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.

Technology

Paradigm Architecture prides itself on streamlining our project delivery and management methods. One of the ways we do this is to utilize the latest technology, including web based project collaboration sites, electronic communication, electronic submittals for review and approval, video conferencing and the latest software packages for 3d renderings, Computer Aided Drafting (CAD), and Building Information Modeling (BIM). Our current software packages include Autocad Architecture 2010, Revit Architecture 2010, 3d Studio, and Speclink. Far from the older methods of hand drafting, these tools help us to deliver faster and better coordinated projects, have fewer problems in the field, and provide the owner with excellent visualization tools during project development. We are always pursuing additional training and education for all our staff, including "in house" workshops, seminars, and online education for topics such as green building, BIM, project delivery and management, and current codes.

Project Delivery

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

Paradigm Architecture

Quality Control and Management

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.

Cost Control

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.

LEED / Green Building

Today, everyone is concerned with energy conservation, life cycle analysis, and green building techniques; and Paradigm Architecture is no different. We are currently working on two projects that will be LEED Certified. In addition, we have been able to assist clients who are interested in applying green building techniques such as improving the energy efficiency of the building and reducing long term life cycle costs, even though they may not wish to pursue LEED Certification. 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.

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.

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Tele 304•284•5015 304•284•5014 Fax

Paradigm Architecture

References

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

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

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

Mr. Tony Napolillo
Project Manager
West Virginia University
Planning, Design and Construction
979 Rawley Avenue
Morgantown, West Virginia
(304) 293-7478

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

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

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

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

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

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

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

Paradigm Architecture

Paul A. Walker, AIA

President and Design Architect

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

EDUCATION

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

ARCHITECTURAL REGISTRATION

NCARB Certificate No. 53858
West Virginia No. 2626
North Carolina No. 4910
Alabama No. 5398
Florida No. 95045

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Board Member, Chestnut Ridge Church

AWARDS AND HONORS

Marina Tower, Morgantown, West Virginia
2008 Best New Construction Award, Main Street Morgantown

Spilman Thomas Battle, Morgantown, West Virginia
2008 Best New Office Award, Main Street Morgantown

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

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

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

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

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

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

Paradigm - [par'e-dim'] n. An example that serves as pattern or model.

Paradigm Architecture

Paul A. Walker, AIA

Representative Projects

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

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

Charleston Federal Center*
Charleston, West Virginia
Completed: Winter 2000
Cost: $10 Million

Fairmont State University
Morrow Hall Renovation
Feasibility Study
Fairmont, West Virginia
Estimated Completion: To Be Determined
Cost: $4.3 Million

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

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

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

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

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

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

Clarksburg Federal Center*
Clarksburg, West Virginia
Completed: Summer 2001
Cost: $9 Million

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

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

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

Marina Tower
Morgantown, West Virginia
Estimated Completion: Spring 2009
Cost: $10 Million (Shell)

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

The Suncrest Corporate Center
Morgantown, West Virginia
Completed: Spring 2001
Cost: $1.1 Million

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

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Paradigm Architecture

David H. Snider, AIA

Project Manager

Mr. Snider graduated from Auburn University with a degree in architecture and practiced in North Carolina before returning to his hometown of Birmingham, Alabama. He has spent the last 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.

EDUCATION

Auburn University, Auburn, Alabama
Bachelor of Architecture, 1984

Roofing Technology
The Roofing Industry Educational Institute, 1995

ARCHITECTURAL REGISTRATION

North Carolina No. 05151
Alabama – Pending

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects

AWARDS AND HONORS

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

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

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

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

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

Paradigm Architecture

David H. Snider, AIA

Representative Projects

United States Department of Agriculture
Morgantown, West Virginia
Estimated Completion: Fall 2009
Cost: $6 5 Million (Shell)

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

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

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

Lanier Hospital
Surgery Addition
Valley, Alabama
Completed: Summer 2006
Cost: $4.2 Million

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

Russell Medical Center
Hospice House
Alexander City, Alabama
Completed: Spring 2002
Cost: $1 Million

Russell Medical Center
Lab Addition and Renovation
Alexander City, Alabama
Completed: Spring 2005
Cost: $650,000

Russell Cancer Center*
Alexander City, Alabama
Completed: Spring 2001
Cost: $3 2 Million

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

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

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

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

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

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

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

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

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2223 Cheat Road • Suite 300
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Paradigm Architecture

Grant T. Gramstad, AIA

Project Manager

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

EDUCATION

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

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

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

ARCHITECTURAL REGISTRATION

Alabama No. 4897

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Certified Construction Contract Administrator

AWARDS AND HONORS

Marina Tower, Morgantown, West Virginia
2008 Best New Construction Award, Main Street Morgantown

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

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

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

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

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

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

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

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

Paradigm Architecture

Grant T. Gramstad, AIA

Representative Projects

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

Marina Tower
Morgantown, West Virginia
Estimated Completion: Spring 2009
Cost: $10 Million (Shell)

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

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

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

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

Performance Fitness
and Trussville Rehab
Trussville, Alabama
Completed: Fall 2003
Cost: $1.5 Million

City of Trussville
Flood Renovations to
City Hall and Police Department
Trussville, Alabama
Completed: Summer 2003
Cost: DND

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

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

Charleston Federal Center*
Charleston, West Virginia
Completed: Winter 2000
Cost: $10 Million

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

The Suncrest Corporate Center
Morgantown, West Virginia
Completed: Spring 2001
Cost: $1.1 Million

Russell Cancer Center*
Alexander City, Alabama
Completion Date: Spring 2001
Project Cost: $3.2 Million

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

Irondale Industrial Contractors
Office Building
Irondale, Alabama
Completed: Winter 2006
Cost: $1 Million

Waterfront Parking Garage*
Morgantown, West Virginia
Completion Date: Summer 2001
Project Cost: $8.2 Million

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

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Paradigm Architecture

Jonathan L. Perry, AIA, LEED AP

Project Manager

Mr. Perry's responsibilities have included development of construction documents and drawings, project management, marketing presentations, bidding procedures, construction administration, and creating renderings for clients using computer aided design programs. He has a combined 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.

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

ARCHITECTURAL REGISTRATION

NCARB Certificate No. 63867
West Virginia No. 3953

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Construction Documents Technologist
LEED Accredited Professional

AWARDS AND HONORS

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

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

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

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

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

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

Paradigm Architecture

Jonathan L. Perry, AIA, LEED AP

Project Manager

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

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

Fairmont State University
Morrow Hall Renovation
Feasibility Study
Fairmont, West Virginia
Completed: To Be Determined
Cost: $4.3 Million

West Virginia University
Downtown Student Housing
Morgantown, West Virginia
Estimated Completion: Summer 2009
Cost: $15 3 Million

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

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

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

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

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

Fairmont State University
Colebank Hall Renovations
Fairmont, West Virginia
Completed: Winter 2007
Cost: $1 5 Million

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

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

Davis and Elkins College
Madden Student Center
Elkins, West Virginia
Completed: Summer 2003
Cost: $1 5 Million

Glade Springs Resort
Clubhouse Expansion
Daniels, West Virginia
Completed: Summer 2006
Cost: $1 1 Million

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

Avery Court
Town Homes and Condominiums
Parkersburg, WV
Completed: To Be Determined
Cost: $10 Million

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Paradigm Architecture

Todd G. Christopher, AIA

Project Manager

Mr. Christopher's responsibilities have included development of construction documents and drawings, project management, marketing presentations, bidding procedures, and construction administration. He has a combined seven 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.

EDUCATION

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

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

ARCHITECTURAL REGISTRATION

NCARB Certificate No. 66482
North Carolina No. 11326
West Virginia No. 4141

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

AWARDS AND HONORS

Wake Forest University Babcock School of Management, Charlotte, North Carolina
USGBC LEED Silver Certified

Davidson College Duke Residence Hall, Davidson, North Carolina
USGBC LEED Certified

Paradigm Architecture

Todd G. Christopher, AIA

Representative Projects

Stevens Correctional Facility*
Welch, West Virginia
Completed: Summer 2004
Cost: $10 5 Million

GSA Office Space
Marina Tower
Morgantown, West Virginia
Estimated Completion: Summer 2009
Cost: $770,000

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

Twin Lakes at Montgomery*
Continuing Care Retirement Community
Cincinnati, Ohio
Estimated Completion: Spring 2011
Cost: $1 8 Million (Renovation)

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

Legacy Village Townhomes*
Mooresville, North Carolina
Phase 1 Competed: Fall 2008
Cost: $18 Million

West Virginia State College*
Student Union Renovation and Addition
Institute, West Virginia
Completed: Spring 2004

Wake Forest University*
Babcock School of Management
Charlotte, North Carolina
Estimated Completion: 2010
Cost: $1 Million (Upfit)

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

United States Department of Agriculture
Morgantown, West Virginia
Estimated Completion: Fall 2009
Cost: $6 5 Million (Shell)

KeyLogic Systems, Inc.
Morgantown, WV
Estimated Completion: To Be Determined
Cost: $1 Million

Pi Kappa Alpha
Renovation and Addition
Morgantown, West Virginia
Estimated Completion: Summer 2009
Cost: $1.8 Million

Suffield Meadows Continuing Care*
Retirement Community
Warrenton, Virginia
Estimated Completion: Fall 2010
Cost: $15 Million

Bella Vita on Park Condominiums*
Charlotte, North Carolina
Estimated Completion: To Be Determined
Cost: $15 Million

Hagood Reserve Luxury Townhomes*
Charlotte, North Carolina
Estimated Completion: To Be Determined
Cost: $6 Million

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

Shurgard Self Storage Facility*
at Seneca Commons
Charlotte, North Carolina
Completed: Summer 2005
Cost: $2.2 Million (Shell)

Saint Timothy Lutheran Church*
Charleston, West Virginia
Completed: Winter 2004
Cost: $5 Million

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

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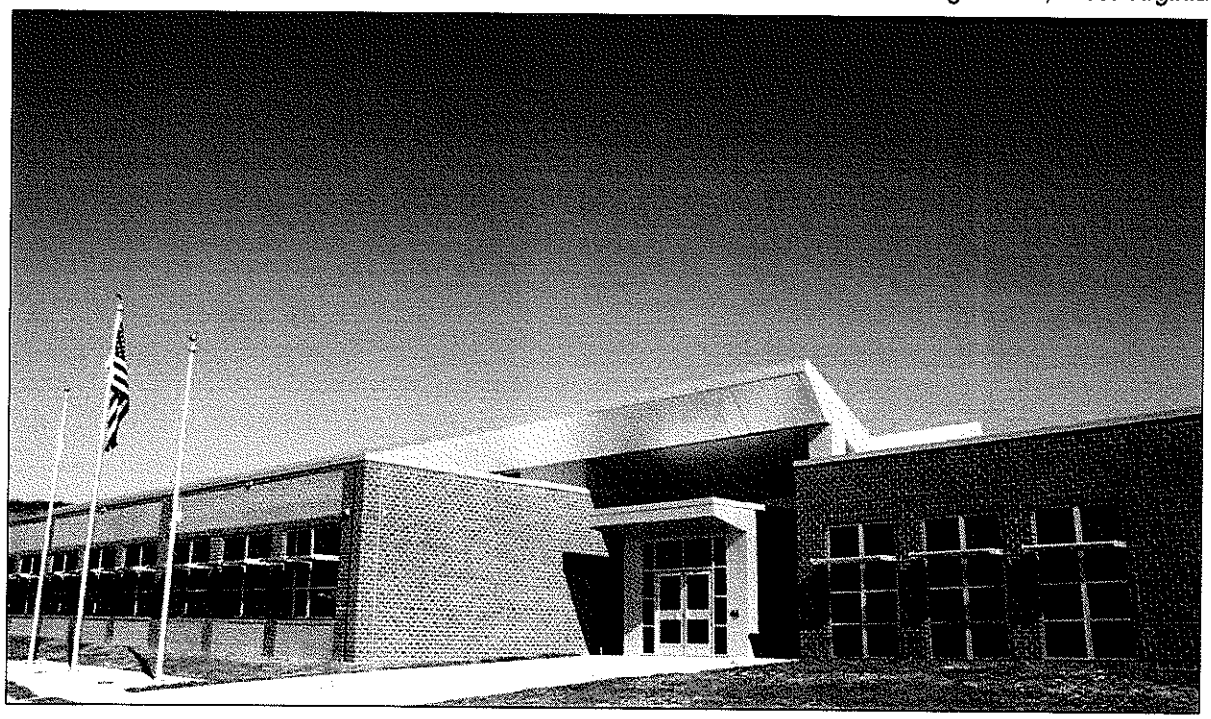
Paradigm Architecture

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

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 will be registered as a LEED Certified Building.

Owner: Glenmark Holdings, LLC

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

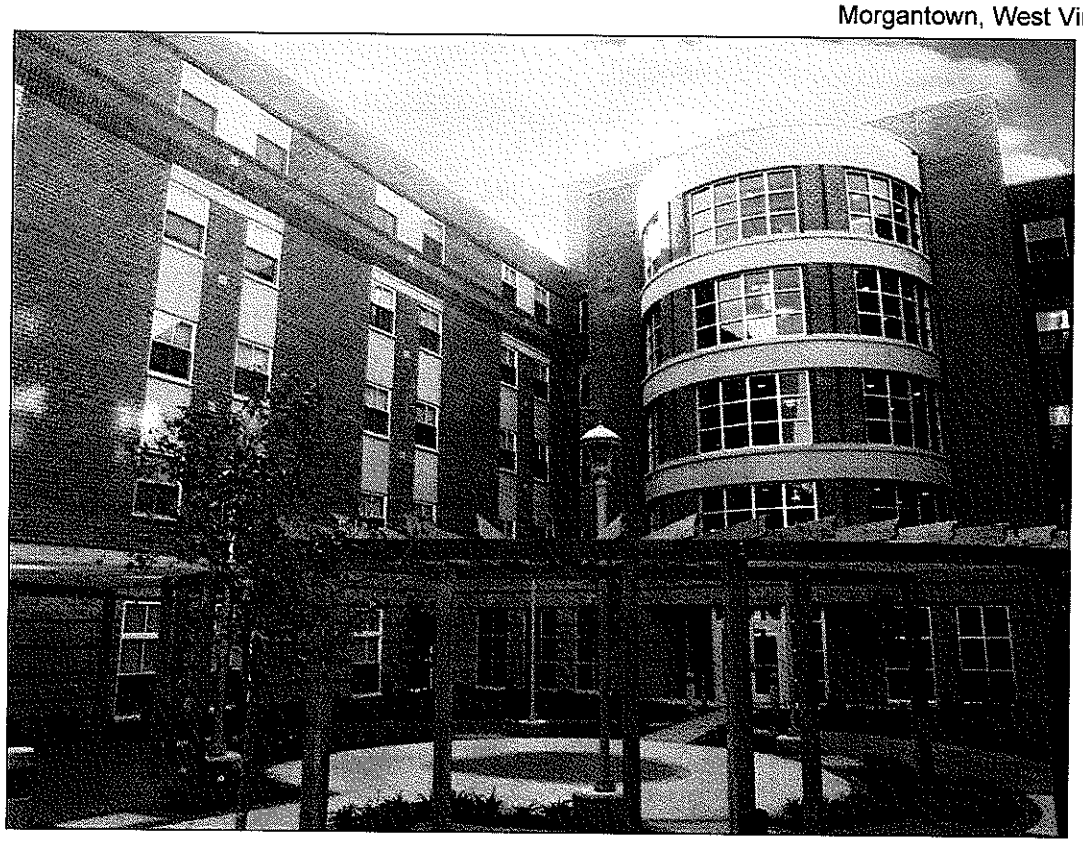
Completed: Summer 2009
Cost: $6 5 Million (Shell)
Size: 36,000 Square Feet
Delivery Type: Design-Build Competition

Contractor: The March-Westin Company

Paradigm Architecture

West Virginia University
Downtown Student Housing

Morgantown, West Virginia



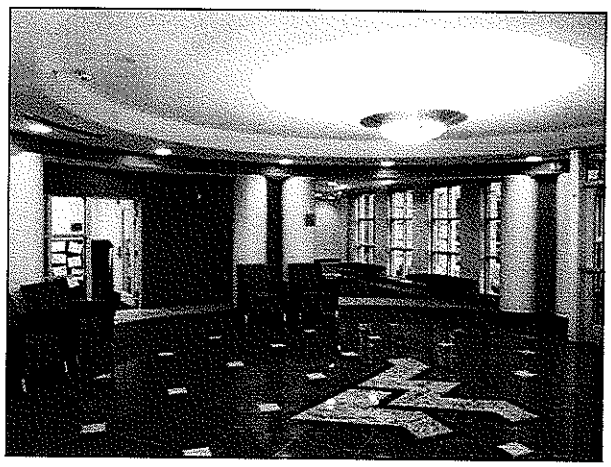
This new five story student housing building accommodates 360 residents The design includes apartments for Resident Hall Coordinators and Resident Facility Leaders, a multi-purpose room, laundry facility, administrative offices, fellowship advising, and honors college administration

Owner: West Virginia University

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

Completed: Summer 2009
Cost: $15 3 Million
Size: 90,000 Square Feet
Delivery Type: Design-Bid-Build

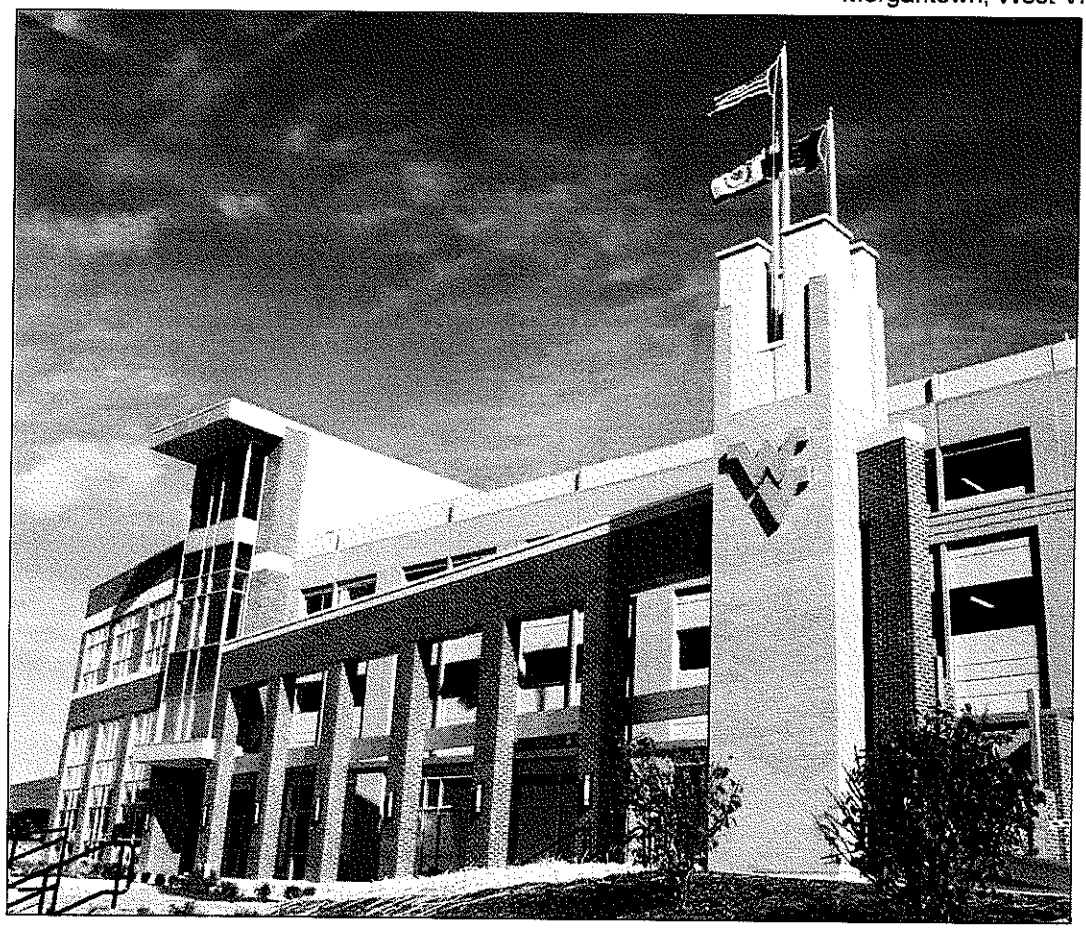
Contractor: Tedco Construction



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

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

Davis and Elkins College Athletic Center

Elkins, West Virginia

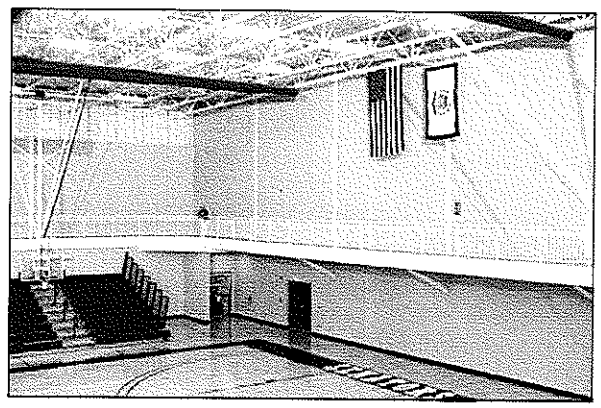
This athletic center has a gymnasium and seating for 1,200 spectators The center also includes locker / shower room facilities for basketball, volleyball, and soccer The lobby holds a sports hall of fame and concessions In addition, there are offices for athletic and physical education

Owner: Davis and Elkins College

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

Completed: Spring 2007
Cost: $5.5 Million
Size: 40,000 Square Feet
Delivery Type: Design-Build-Negotiated

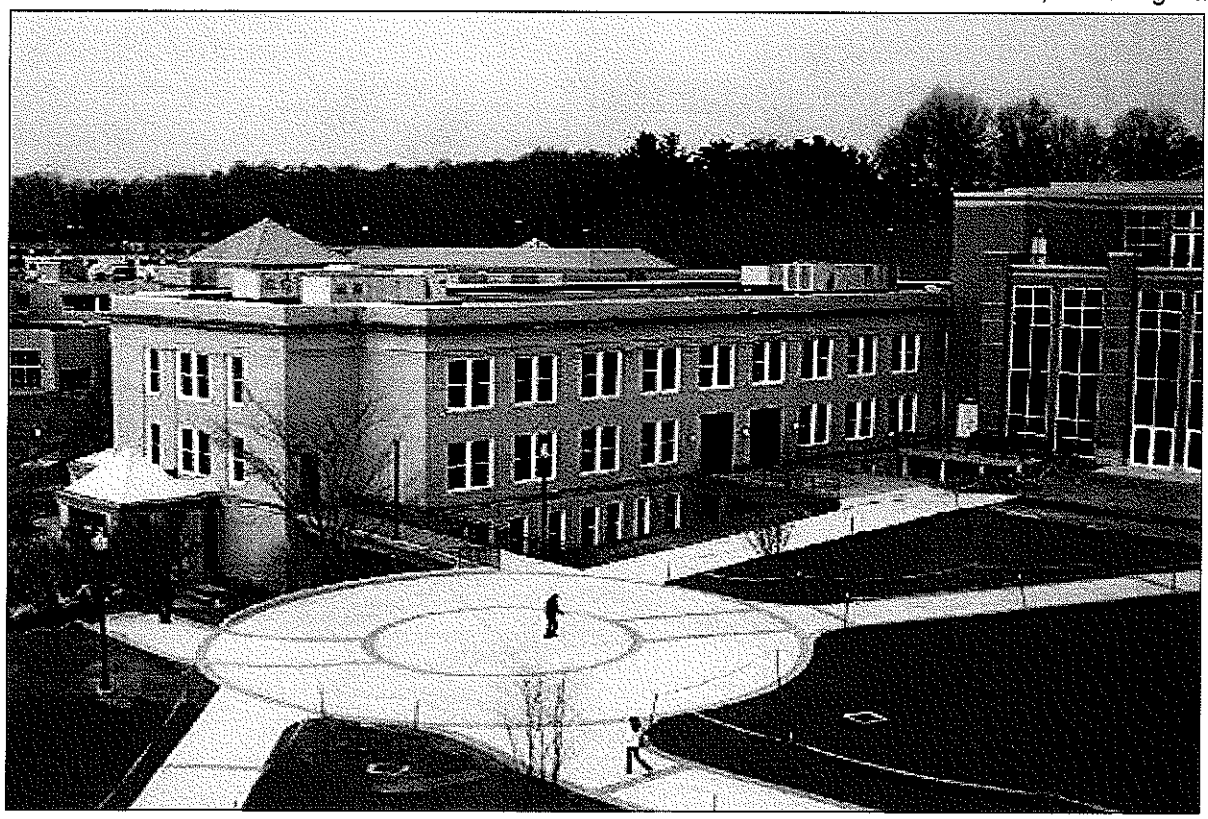
Contractor: The March-Westin Company



Paradigm Architecture

Fairmont State University

Fairmont, West Virginia



Various projects with Fairmont State include a Conference Center, Data Center Build Out, Offices, Reroofing, and Feasibility Studies.

Owner: Fairmont State University

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

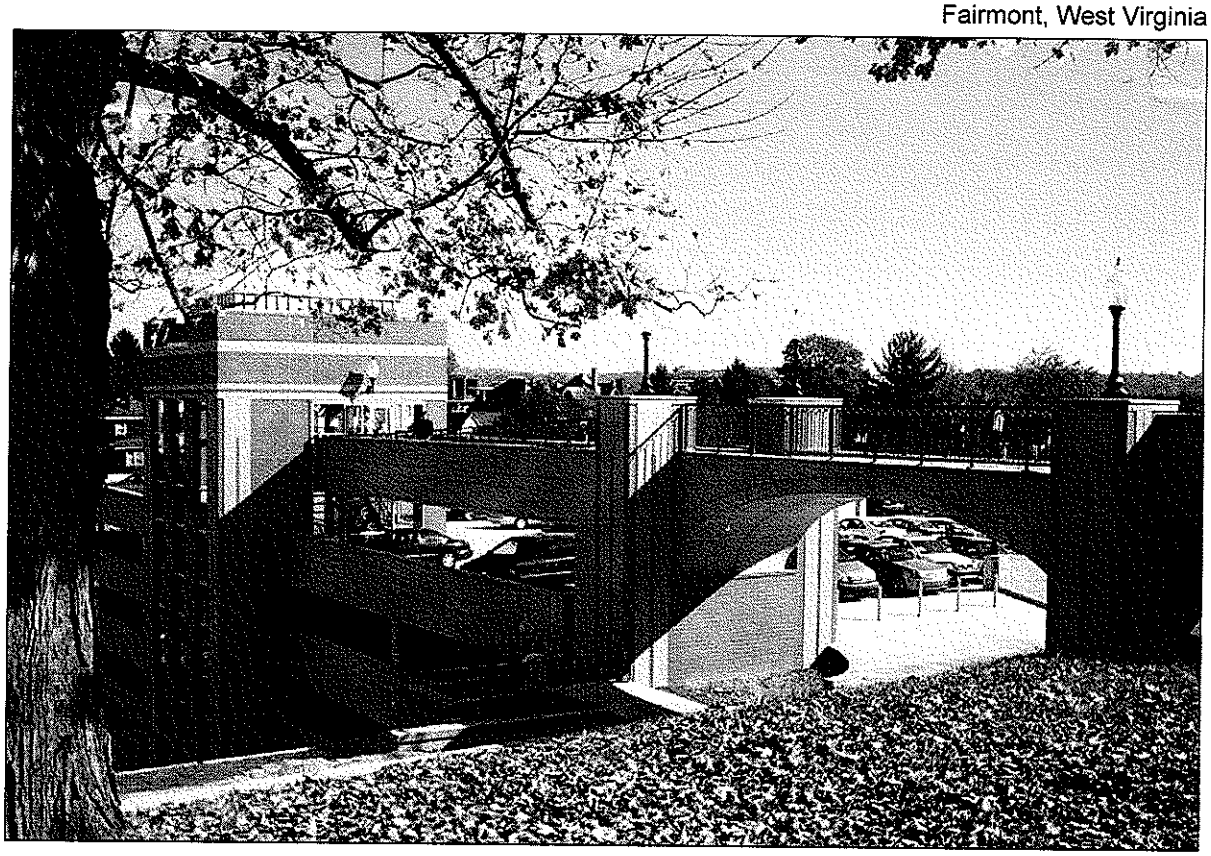
Completed: 2004 - current
Cost: ranges from $150,000 - $17 million
Size: varies
Delivery Type: Design-Bid-Build with Competitive Bidding

Contractors: Tmaro Corporation
Marks-Landau Construction
Sutter Roofing

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

Two Waterfront Place
Hotel and Conference Center

Morgantown, West Virginia

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

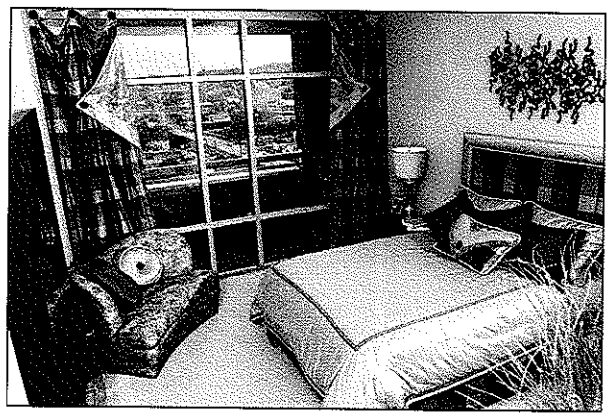
2003 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Owner: Platinum Properties

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

Completed: Summer 2003
Cost: $35 Million
Size: 296,427 Square Feet
Delivery Type: Design-Build-Negotiated

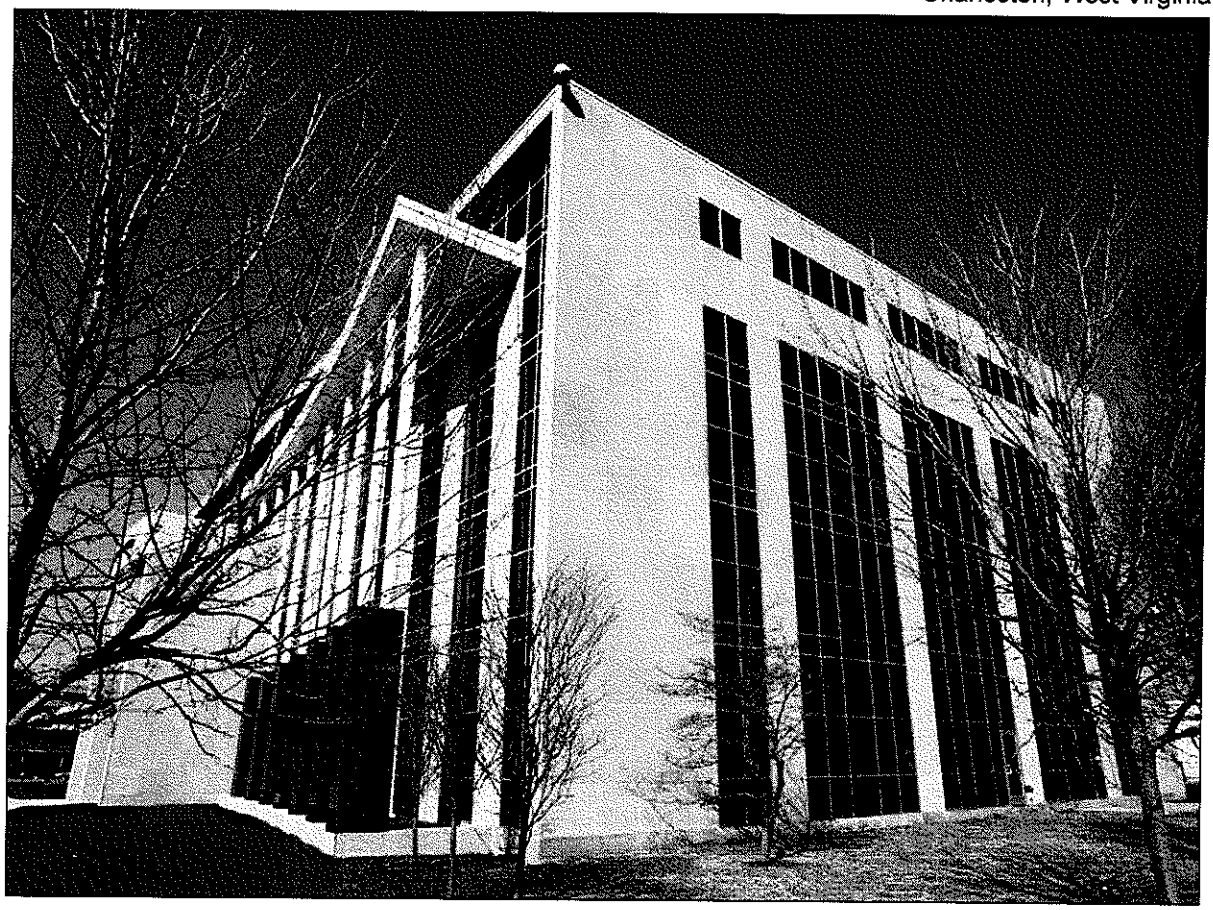
Contractor: The March-Westin Company



Paradigm Architecture

Charleston Federal Center

Charleston, West Virginia



Renovation of a former federal courthouse to provide office space for Social Security. This commission was awarded through a national design competition.

2000 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

2000 Development Project Special Recognition Award from the Charleston Renaissance Corporation

Owner: Platinum Properties, LLC

Design Architect: Paul A. Walker, AIA
Project Manager: Grant T. Gramstad, AIA
Architect of Record: Evan Terry Associates, P.C.

Completed: Winter 2000
Cost: $10 Million
Size: 110,000 Square Feet
Delivery Type: Design-Build Competition

Contractor: The March-Westin Company

Paradigm Architecture

Clarksburg Federal Center

Clarksburg, West Virginia

National design competition for the design of a new office building to consolidate Federal Government Agencies into a new structure in a historic district

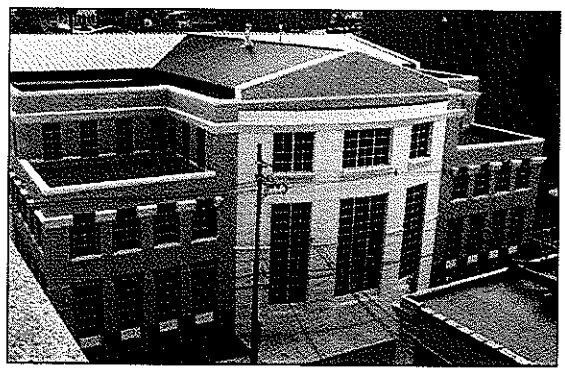
1999 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Owner: Platinum Properties, LLC

Design Architect: Paul A. Walker, AIA
Architect of Record: Gates Calloway Moore & West

Completed: Summer 2001
Cost: $9 Million
Size: 65,000 Square Feet
Delivery Type: Design-Build Competition

Contractor: The March-Westin Company

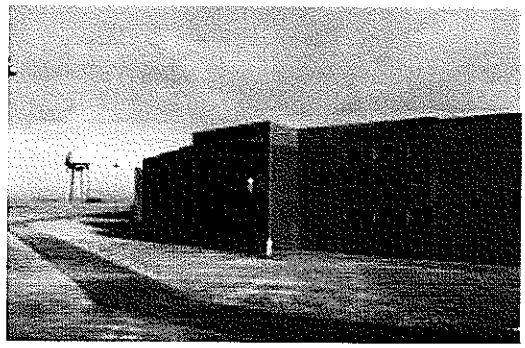


Arrington Watkins Architects

Firm Description

Lynn Arrington and David Watkins have been practicing architecture together since 1974, originally as principals in a regional architectural, engineering, planning firm based in Phoenix, and since 1994 as partners in **Arrington Watkins** Architects.

The principles that have guided **Arrington Watkins** Architects since its inception are unique: being responsive, listening to the client, focusing on client satisfaction, and developing innovative solutions to client issues. Our mission is to remain small enough that we can give personal attention to a select group of repeat clients, yet large enough to handle their largest and most demanding projects. Either Lynn, David, or both, are intimately involved in each project that the firm undertakes. Working closely with them is a talented group of 38 architects, architects-in-training and support staff, equipped with the latest technology available.



Arrington Watkins Architects has provided architectural services to government clients, corporations and Design / Build Contractor firms throughout the United States on projects ranging in size up to $300 million in construction cost. The firms expertise is in the design and management of projects that are technically complex in their systems, function or processes. These projects have included medical installations; high-tech office / assembly, manufacturing, court facilities, criminal justice facilities; warehouse buildings and retail fuel installations. Much of our experience is in managing complex projects involving multiple consultants, approving agencies, owners and user groups

Arrington Watkins Architects

Lynn R. Arrington, III, LEED-AP

Principal Architect

EDUCATION

Bachelor of Architecture, Kansas State University 1973

LICENSES

Architect, Arizona, 1976, #10997
Architect, West Virginia, 2001, #3032
NCARB, 1987, #43465

PROFESSIONAL EXPERIENCE

Since 1973, Mr. Arrington has practiced architecture throughout the United States from his office in Phoenix, Arizona serving clients in more than 20 States. During those years he has completed the design and construction of facilities pertaining to most all-major project types, but has developed a specialty in the design of Criminal Justice, Correctional and Public Safety facilities. Lynn has designed over $2.5 billion worth of Federal, State and local criminal justice related facilities. He has also completed the design of more than 30 correctional facilities, totaling over 80,000 beds.

In 1994, Lynn Arrington and David Watkins started the firm Arrington Watkins Architects and in the past 7 years have completed 22,000 beds in 8 states. Lynn directs the design and production of the firm's major facilities and provides technical training and guidance to all staff members. He is a member of American Correctional Association (ACA), Alliance for Construction Excellence (ACE), and the Design-Build Institute of America (DBIA), and has become a strong leader in the use of Alternative Delivery Project methods including Design Build, CMAR and Public Private Partnership (PPP) projects.

Lynn has also written articles published in Corrections Today (7/2000) "Staff Safety by Design", and American Correctional Association (11/2000), "Staff Safety Starts with Facility Design". Lynn has been the recipient of the Marvin M. Black Excellence in Partnering Award in 2006 and DBIA's Design-Build Excellence Award for Public Sector Buildings over $15 Million in 2007

PROJECT EXPERIENCE

Loudoun County Jail
Leesburg, Virginia

Phase I of the Loudoun County Adult Detention Center is comprised of a new 69,512 SF support building and a total of 17,075 SF for special, general, and female housing. This Phase was primarily block construction with brick veneer. Phase II is comprised of a 36,422 SF intake unit addition to the existing support building and the addition of two housing units. Housing Unit 1 is 31,645 SF and holds 96 single-occupancy cells. Housing Unit 2 is 39,210 SF and holds 64 single-occupancy segregated cells and 24 double-occupancy cells. The new housing units are accessed through a 4,618 SF secure corridor addition that ties into the existing housing access corridor

ADOA 1,000 Bed
Tucson, Douglas and Perryville
Faced with an emergency need for 1,000 beds within the Arizona State Prison System, Arrington Watkins Architects was contracted by Arizona Department of Administration to design and provide construction administration services. Beds were added to three separate sites across Arizona. Design and Construction were both completed in 8 months.

ADOA 4,000 Bed
Perryville, Tucson and Yuma
Similar to the ADOA 1,000 Bed project, Arizona Department of Administration and Arizona Department of Corrections were in need of 4,000 additional beds on three different sites across Arizona. Arrington Watkins Architects designed a 1,000-bed addition to Arizona State Prison Complex in Perryville, 1,000-bed addition to Arizona State Prison Complex in Tucson, and 2,000 additional beds to Arizona State Prison Complex in Yuma Programming, master planning, and design was completed in 8 months Construction is currently on going.

Federal Correctional Institution and Federal Prison Camp - Phase I
Mendota, California
This $95.6 million design-build project is for the design and construction of the new Federal Correctional Institution (FCI) in Fresno County, Mendota, California. This FCI was built on 230-acres of farmland located near Mendota, a small farming community in central California. The facility is designed to house over 1,100 inmates and includes a Federal Prison Camp for 128 inmates. The project includes construction of three 4-story general housing units, site work, and the utility plant.

Federal Correctional Institution and Federal Prison Camp - Phase II
Mendota, California
Arrington Watkins Architects had the unique opportunity of being selected for this project directly by the Federal Bureau of Prisons based on its performance during Phase I design and construction. Phase I utilized the Design/Build Delivery Method Arrington Watkins was contracted to take the current Design/Build documents and create complete bid documents for Phase II for the remainder of the construction. This Federal Correctional Institution / Federal Prison Camp is being built on 230-acres of farmland located near Mendota, a small farming community in Central California. The FCI is designed to house over 1100 inmates and the FPC will house 128 inmates.

ADDITIONAL PROJECTS

Stanley Correctional Facility
Stanley, Wisconsin

High Desert Phases I-V
Various Locations in Nevada

United States Penitentiary and Federal Prison Camp
Tucson, Arizona

Arizona State Prison Complex - Lewis
Buckeye, Arizona

Arizona State Prison Complex - Tucson II
Tucson, Arizona

Arrington Watkins Architects

Michael D. Quinn

Project Manager

EDUCATION

Master of Architecture, 1994 Arizona State University
BS Architecture, 1992, University of Maryland
BA Fine Arts, 1991, University of Maryland

LICENSES

Architect, Arizona, #35827
LEED Accredited Professional

PROFESSIONAL EXPERIENCE

Starting his career in architecture in 1985, Mr Quinn has performed many roles in construction related industries. In his capacity as Associate Architect, he has completed major projects for the State of Arizona and the City of Glendale. These projects were taken from pre-design through construction. Mr Quinn has performed CA responsibilities on all of his projects and has also been in the role as the owner's full time field representative on a number of projects. He specializes in Criminal Justice and Municipal Complexes Mr. Quinn has spent a great deal of his time involved in the United States Green Building Council where he recently served as the President for the Arizona Chapter

PROJECT EXPERIENCE

ADOA 1,000 Bed
Tucson, Douglas, and Perryville

Faced with an emergency need for 1,000 beds within the Arizona State Prison System, Arrington Watkins Architects was contracted by Arizona Department of Administration to design and provide construction administration services. Beds were added to three separate sites across Arizona. Design and Construction were both completed in 8 months.

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Loudoun County Jail - Phase II
Leesburg, Virginia

Phase II of the Loudoun County Adult Detention Center is comprised of a 36,422 SF intake addition to the existing support building and the addition of two housing units Housing Unit 1 is 31,645 SF and holds 96 single-occupancy cells Housing Unit 2 is 39,210 SF and holds 64 single-occupancy segregated cells and 24 double-occupancy cells. The new housing units are accessed through a 4,618 SF secure corridor addition that ties into the existing housing access corridor.

Arizona State Prison Complex - Lewis
Buckeye, Arizona

This complete prison complex consists of two 800-bed level 3 male units, two 800-bed level 4 male units, one 600-bed level 3 female unit, and one 350-bed minor unit.

Southwest Regional Juvenile Correctional Complex
Buckeye, Arizona

Full juvenile facility for 100 high-security male juveniles and 100 maximum-security male juveniles.

Madison Street Jail Needs Assessment
Phoenix, Arizona

Arrington Watkins was contracted by Maricopa County to assess the potential for the Madison Street Jail. Options were based on a room-by-room analysis which included the possibility of reuse, renovation, or the complete demolition of the facility

Loudoun County Detention Facility

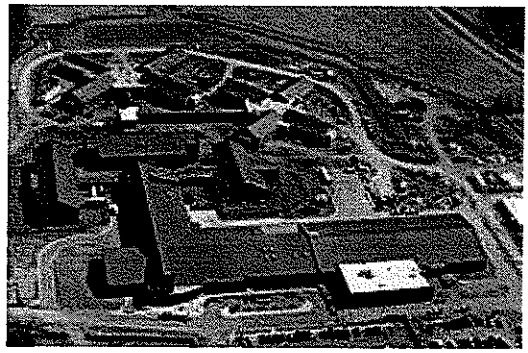
Leesburg, Virginia

Project description:

Phase 1 was started in June 2003. Phase 2 design started shortly after completion of phase one construction in 2007. Arrington Watkins Architects was brought on by AECOM to design the housing units in October 2007. Issue for Construction Documents was completed June 5th 2008.

Phase 2 of the Loudoun County Adult Detention Center is an addition to the existing facility. Phase 1 is comprised of a support building (69,512 sf), special housing, general housing, and female housing (total housing 17,075 sf) Phase one was primarily block construction with brick veneer.

Phase 2 is comprised of an intake addition to the support building, and two additional housing units. The additional housing units are accessed through a secure corridor addition that ties into the existing housing access corridor. The intake unit adds an additional 36,422 sf to the support building. The access corridors to the housing units add 4,618 sf. Housing unit One is 31,645 sf. It holds 96 single occupancy cells. Housing unit Two is 39,210 sf. It holds 64 single occupancy segregated cells and 24 double occupancy cells.



Total added Housing:	70,855 sf
Total added sf:	111,895 sf
Total building sf (Phase one and two):	198,482 sf

Arrington Watkins primarily focused on the housing units. Our design is based on precast cells (manufactured by Tindal Corp in Georgia and shipped by rail car to Virginia). Additionally, precast panels, beams, columns, and hollow core slabs, were used for the rest of the structural components. (these precast units were manufactured by Tindal as well) All exterior precast walls are integrally insulated, and have brick veneer cast into them to match Phase one exterior without the cost of an onsite applied veneering system. The Housing units are two levels, in an X-format. This design allowed for one control room to watch two separate pods (or 4 separate pods in the case of segregated units) These control rooms are elevated 5' to allow the officer visual access to both floors simultaneously.

The housing units utilize a pre-engineered metal roof structure (Butler) above the secure plank roof. This allowed an economical method of routing HVAC and other support equipment without compromising security.

Reference:	***Jim Rauch - Loudon County Office of Capital Construction***
Address:	***PO Box 7000***
	1 Harrison Street
	Leesburg, Virginia
	20177-7000
Phone:	***(703)771-5564***
Original Budget:	***$95,600,000***
Actual Bid Amount:	***$95,600,000***
Final Budget:	***$95,600,000***
Design Start Date:	***12/2004***
Bid Date:	***N/A***
Construction Start Date:	***5/2005***
Substantial Completion Date:	***2/2007***
Final Completion Date:	***3/2007***
Delivery Method:	***Design / Build***

Stanley Correctional Facility

Stanley, Wisconsin

Project Description

The privately owned and operated male medium security prison has been master planned for future expansion from 1,200 to 1,500 inmates. The site contains five cell housing units, one administrative segregation housing unit, separate gymnasium and physical recreation building, education/vocational training, industries, kitchen/laundry, medical, central plant, warehouse, vehicle maintenance, operations/visitation, and administration. Because of the severe weather conditions at this location, daily prisoner movement issues were vastly reduced by the design of a small re-heat kitchen and serving line in each housing unit. Inmate meals are served and eaten in the dayroom of individual units eliminating the need to move 1,500 men through a central yard three times a day.

Reference:	***Jim Hunter - Canam Construction***
Address:	***818 North Oak Street***
	Guthrie, OK 73044
Phone:	***(405)-346-5813***
Original Budget:	***$50,000,000***
Actual Bid Amount:	***$50,000,000***
Final Budget:	***$50,000,000***
Final Completion Date:	***1/1/1999***
Delivery Method:	***Design / Build***

High Desert Phases 1 - 5

Indian Springs, Nevada

Project description

High Desert Men's Prison has been a unique experience for Arrington Watkins

Phase I consisted of 2,000 beds and support buildings designed by a Nevada firm. At the request of the State of Nevada, Arrington Watkins Architects was hired to complete the design and handle on-site construction administration

Prior to Phase I being completed, Arrington Watkins Architects was retained to design and oversee construction of Phase II which added an additional 1,000 beds to the prison. Phase II of the project not only included the construction of additional housing units, but included the design of a combined warehouse and vehicle maintenance building This facility contains a drive-through maintenance facility, bus and vehicle inspection and lubrication pit, hazardous storage containment building and cart charging equipment

Arrington Watkins and Clark & Sullivan Constructors were contracted to design / build Phase 3 which expanded the existing the facility by adding a 62,000 sq. ft. Industries Building, a 15,000 sq. ft. Gymnasium Building, related site improvements and additional security electronics systems

Arrington Watkins was directly selected by the State of Nevada for the Phase 4 project. This included the design two new Housing Buildings of 52,000 sq. ft. each based on the new prototype design including all site and security improvements within the secure perimeter of the High Desert State Prison

Again, Arrington Watkins was direct selected by the State of Nevada for the Phase 5 project. Which was adding two new Housing Buildings of 52,000 sq. ft. each based on the new prototype design from Phase 4

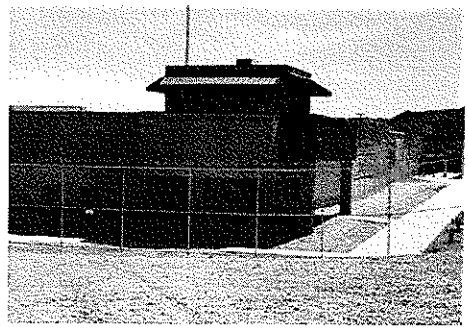
Reference: ***Dan Daily, Nevada Public Works***
Email: ***dmdaily@spwb.state.nv.us***
Phone: ***(775) 684-4116***

Phase 1 & 2

Original Budget:	***$133,000,000***
Actual Bid Amount:	***$133,000,000***
Final Budget:	***$133,000,000***
Design Start Date:	***Phase I designed by another firm, Phase II designed during construction.***
Bid Date:	***n/a***
Construction Start Date:	***n/a***
Substantial Completion Date:	***2000***
Final Completion Date:	***2000***
Delivery Method:	***Design / Bid / Build***

Phase 3

Original Budget:	***$9,800,000***
Actual Bid Amount:	***$9,800,000***
Final Budget:	***$9,800,000***
Design Start Date:	***November 2003***
Bid Date:	***n/a***
Construction Start Date:	***June 2004***
Substantial Completion Date:	***May 2005***
Final Completion Date:	***June 2005***
Delivery Method:	***Design / Build***



Phase 4 & 5

Original Budget:	***$77,500,000***
Actual Bid Amount:	***$92,300,000***
Final Budget:	***In construction***
Design Start Date:	***August 07***
Bid Date:	***Feb 07 / Oct 07***
Construction Start Date:	***May 07***
Substantial Completion Date:	***Sep 08 / Apr 09***
Final Completion Date:	***May 2009***
Delivery Method:	***Design / Bid / Build***

United States Penitentiary and Federal Prison Camp

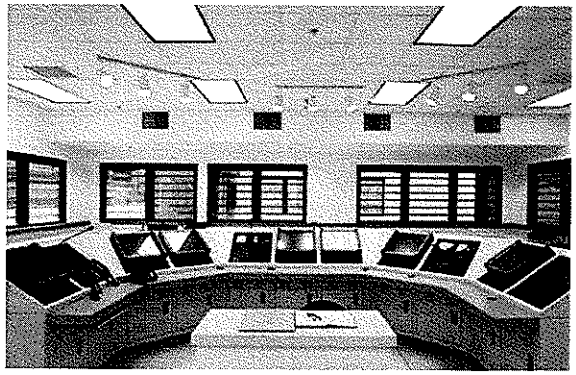
Tucson, Arizona

Project description:

The USP & FPC is located on a 2,671,000 square meter site on Wilmot Road in Tucson, Arizona. The actual construction area of the site is 878,168 square meters. The USP & FPC include 60,387 square meters of concrete slab-on-grade.

The USP consists of cells for 960 inmates. The compound includes several one / two-story buildings, a Federal Prisons Industry (UNICOR) factory, educational and vocational facilities, six general housing units and one special housing unit.

The FPC is located outside the secure compound and will provide living units and support facilities for an additional 128 inmates. A Central Shared Facility, which is comprised of general and UNICOR warehouses, a garage/landscape building, a fueling station, and a hazardous material building is also located outside the secure compound.



The USP / FPC structures consist of a combination of the following:

- Precast concrete cells (888 each) – mostly quad cells with some double cells which are all being cast on site
- Tilt up exterior concrete insulated sandwich panels totaling 25,734 square meters
- Structural concrete double tees on general housing roofs, with longest spans of 26 meters.
- Suspended cast-in-place and precast concrete floors
- Masonry interior walls and some exterior walls
- Secure Corridor with precast planks at ceiling level so all piping, ductwork and conduit is above the precast slabs
- Pre-engineered metal buildings
- Column free dayrooms in the general housing buildings
- All piping and ductwork in secure corridor is above precast concrete planks that make easy access and secure working conditions
- All piping and ductwork in plenum space above general housing and special housing cells are easily accessible for maintenance and later changes

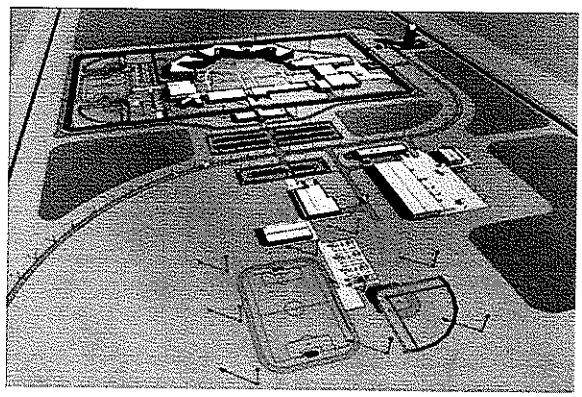
Reference:	***Mitch Miskimins***
Phone:	***(202) 514-5982***
Email:	***mmiskimins@bop.gov***
Original Budget:	***$113,000,000***
Actual Bid Amount:	***N/A***
Final Budget:	***$115,000,000***
Design Start Date:	***October 2002***
Bid Date:	***N/A***
Construction Start Date:	***March 2003***
Substantial Completion Date:	***March 2005***
Final Completion Date:	***March 2005***
Delivery Method:	***Design / Build***

Federal Correctional Institution and Federal Prison Camp - Phase 1

Mendota, California

Project description:

This $95 6 million design / build project is for the design and construction of the new Federal Correctional Institution (FCI) in Fresno County, Mendota, California



This FCI, underway since December 2004, is being built on 230-acres of farmland located near Mendota, a small farming community in Central California

The facility is designed to house more than 1,100 inmates and includes a Federal Prison Camp to house 128 inmates The project includes construction of three 4-story general housing units, site work, and the Utility Plant

One challenge that our project team faces is the site soil It is mainly clay composition with very low load bearing capacity. It is subject to liquefaction in an earthquake—it would become like quicksand. This resulted in our design installing approximately 1,000,000 LF of Earthquake Drains which penetrate 50 feet into the soil to allow pore pressure relief in a seismic event

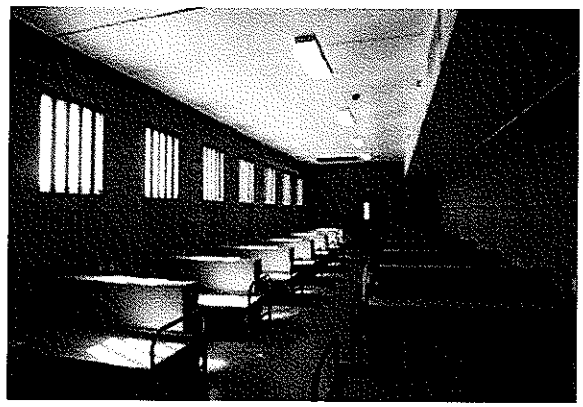
Phase 2's design was sole-sourced to Arrington Watkins.

Reference:	***Diane Vaughn, FBOP***
Email:	***dlvaughn@bop.gov***
Phone:	***(202) 514-5942***
Original Budget:	***$95,600,000***
Actual Bid Amount:	***$95,600,000***
Final Budget:	***$95,600,000***
Design Start Date:	***12/2004***
Bid Date:	***N/A***
Construction Start Date:	***5/2005***
Substantial Completion Date:	***2/2007***
Final Completion Date:	***3/2007***
Delivery Method:	***Design / Build***

Arizona State Prison Complex - Lewis

Buckeye, Arizona

Project description:



The Arizona State Prison Complex – Lewis was designed by Arrington Watkins for the Arizona Department of Corrections.

ASPC Lewis is the only entire complex within the prison system to be designed and built as one project and was the largest publicly bid project in the State's history. The 4,150-bed prison complex consists of six independent units, each complete with its own administration and visitation building; support building with kitchen, dining, classrooms and properties storage; industries building; housing units appropriate to the classification level of the inmates; and secure perimeter. There are two 800-bed level 4 and two 800 bed level 3 male units, one 600-bed level 3 female unit, and one 350-bed high-security minor male unit, all within the ASPC-Lewis perimeter

The units are supported by a Medical Facility and an Inmate Processing Building inside of the Complex perimeter and by several functions housed in buildings outside of the secure perimeter These include the Administration Building; Central Warehouse; Vehicle Maintenance Building, Fire Station and Fueling Facility; and Maintenance Facility. The Visitor and Staff Processing Building is in the Complex perimeter Support and delivery vehicles enter the prison complex and units via vehicle sally ports.

Because ASPC-Lewis is in a remote location, not accessible to municipal water and sewer services, the development of included a 1 million gallon per day wastewater treatment facility and water wells. At ASPC-Lewis the poor quality of ground water necessitated the design of an EDR water-treatment plant feeding 1 million gallons of water storage

Due to the emergency need for beds, the State requested that Arrington Watkins develop and meet a very compressed time schedule in producing ASPC-Lewis. The firm responded by completing programming, design and construction documents for more than 1,000,000 square feet of buildings, ready for bidding, in a total of six months. Coupled with a compressed construction schedule, the project was delivered to the owner more than 12 months ahead of the State's original schedule.

Despite the schedule, the amount of change orders not due to scope changes by the owner was nine tenths of one percent of the construction cost The owner was able to utilize the unused change order contingency to add further facilities and improvements to the Complex.

ASPC - Lewis was completed for a $165,000,000, totaling less than $40,000 per bed.

Reference:	***Mike Rank, ADOA***		
Email:	***michael.rank@azdoa.gov***	***Construction Start Date:***	***September 1997***
Phone:	***(602) 542-1983***	***Substantial Completion Date:***	***September 1999***
Original Budget:	***$165,000,000***	***Final Completion Date:***	***September 1999***
Actual Bid Amount:		***Delivery Method:***	***Design / Bid / Build***
Final Budget:	***$165,000,000***	***Design Start Date:***	***July 1996***

Federal Correctional Institution and Federal Prison Camp - Phase 2

Mendota, California

Project description:

Arrington Watkins Architects had the unique opportunity of being selected for this project directly by the Federal Bureau of Prisons based on its performance during Phase I design and construction. Phase I utilized the Design/Build Delivery Method. Arrington Watkins was contracted to take the current Design/Build documents and create complete bid documents for Phase II for the remainder of the construction.

This Federal Correctional Institution / Federal Prison Camp is being built on 230-acres of farmland located near Mendota, a small farming community in Central California. The FCI is designed to house over 1100 inmates and the FPC will house 128 inmates

Reference:	***Diane Vaughn, FBOP***
Email:	***dlvaughn@bop.gov***
Phone:	***(202) 514-5942***
Original Budget:	***$ 113,892,572***
Actual Bid Amount:	***$ 113,892,572***
Final Budget:	***$114,256,391***
Design Start Date:	***6/2007***
Bid Date:	***N/A***
Construction Start Date:	***1/2008***
Substantial Completion Date:	***9-9-2009***
Final Completion Date:	***9-9-2009***
Delivery Method:	***Design / Build***

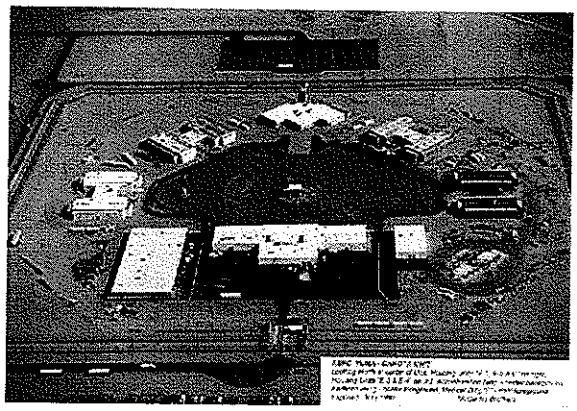
Arizona State Prison Complex Yuma, Dakota Unit

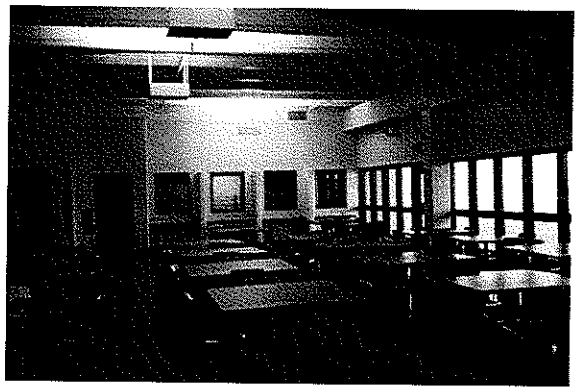
Yuma, Arizona

Project description:

This 800-bed level 4 security prison is the third unit addition to ASPC - Yuma complex. Level 4 unit contains four double occupancy cell housing units, administration, medical, lock-up, educational and vocational training, kitchen/dining, library and other support facilities. With the addition of this third unit, it was necessary to add complex buildings. Those included under this contract were administration, staff training, vehicle maintenance, and complex maintenance

The facility was completed as part of the 4,150-bed ASPC - Lewis and 400-bed Southwest Regional Juvenile Correctional Complexes The project was completed on schedule and within budget





Reference:	***Mike Rank, ADOA***
Email:	***michael.rank@azdoa.gov***
Phone:	***(602) 542-1983***
Original Budget:	***$24,500,000***
Actual Bid Amount:	***$24,500,000***
Final Budget:	***$26,600,000***
	Owner requested
	Change orders
Design Start Date:	***January 1996***
Final Completion Date:	***July 1996***
Delivery Method:	***Design / Bid / Build***

ADOA 1,000 Bed Addition

Various Locations Arizona

Project description

Arizona Department of Administration and Arizona Department of Corrections were in need of 1,000 additional beds on four sites, across Arizona. This project had a small budget and a 10-month schedule for design and construction

An executive team was established with key players from the Design team, the CMAR, ADOA and ADC. The team worked hand in hand to review plan options, construction materials, site configuration and budget for four sites.

The contractor was an integral part of developing construction costs and reviewing build-ability. Several systems and configurations were reviewed, and, ultimately, for cost, time and coordination, pre-engineered building structures were selected

By Design Documents the building footprints were established and an early design package was released to pre-engineered building manufacturers

While Construction Document's where being completed, unknown costs were managed with contingencies while the contractor coordinated with subcontractors to develop a GMP.

Through construction the team continued to work as one to coordinate field issues, coordinate trades and evaluate costs with less than 30 RFI's. The remaining allowance money was used for user "Wish List" items.

Final cost of construction with "Wish List" was less than the original GMP.

Reference:	***Mike Rank, ADOA***
Email:	***michael.rank@azdoa.gov***
Phone:	***(602) 542-1983***
Original Budget:	***$35,000,000***
Final Budget:	***$25,000,000***
Design Start Date:	***January 2004***
Final Completion Date:	***November 2004***
Delivery Method:	***CMAR***

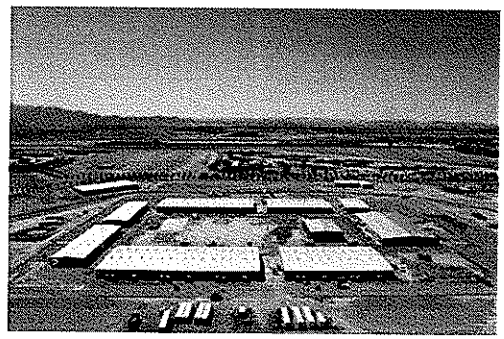
ADOA 4,000 Bed Addition

Various Locations Arizona

Project description.

Similar to the ADOA 1,000 bed, Arizona Department of Administration and Arizona Department of Corrections were in need of 4,000 additional beds on three sites, across Arizona. Arrington Watkins Architects designed a 1,000 bed addition to Arizona State Prison Complex - Perryville, 1,000 Bed addition to Arizona State Prison Complex - Tucson and 2,000 additional beds to Arizona State Prison Complex - Yuma Arrington Watkins completed programming, master planning and complete design in 8 months. Construction is currently on going.

Reference:	***Mike Rank, ADOA***
Email:	***michael.rank@azdoa.gov***
Phone:	***(602) 542-1983***
Original Budget:	***$175,000,000***
Final Budget:	***$175,000,000***
Design Start Date:	***July 2007***
Final Completion Date:	***March 2011***
Delivery Method:	***CMAR***



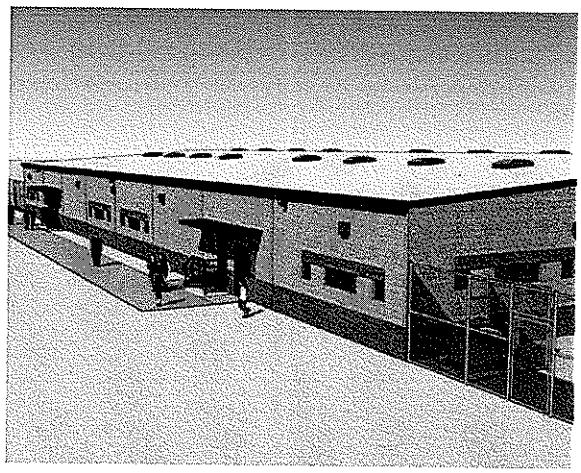
Nevada 960 Bed

Various Locations Nevada

Project description

The State of Nevada Department of Corrections has been experiencing severe inmate overcrowding within their system. The Department initiated an emergency Bed Expansion program through the Legislature. The State Public Works Board and the NDOC sole sourced the project to Arrington Watkins based on our previous working relationship.

NDOC decided to utilize the Design / Build delivery method for this project. The legislature mandated that the beds be completed in a short time frame which only allowed for two months to complete design.



Arrington Watkins Architects quickly assembled a design / build team with all consultants and began the design of a 960-Bed expansion that has four 240-Bed housing buildings located on three existing sites within the State's system (Arrington Watkins Architects was not only able to develop the new designs within the time frames required by the Department).

The designs developed have become the prototypical type housing for minimum to low medium custody inmates.

The scope of services includes the following:

- Design of the facilities including site adaptation.
- Direct and manage the design team including all consultants.
- Prepare all required documents (plans and specifications) required for both permitting and construction.
- Procure all required approvals and permits through the state's peer review process.
- Assist the state and the contractor through all phases of construction including the final close-out process.

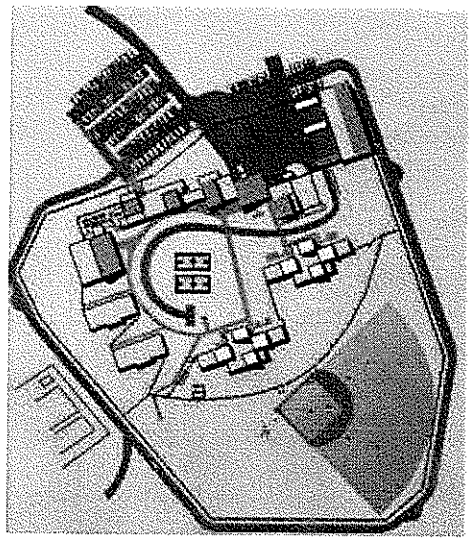
Reference:	***Dan Daily,***
	Nevada Public Works
Email:	***dmdaily@spwb.state.nv.us***
Phone:	***(775) 684-4116***
Original Budget:	***$30,000,000***
Actual Bid Amount:	***N/A***
Final Budget:	
Design Start Date:	***July 2007***
Bid Date:	***N/A***
Construction Start Date:	***September 2007***
Substantial Completion Date:	***March 2008***
Final Completion Date:	***On schedule for early completion***
Delivery Method:	***Design / Build***

Globe - 100 Bed Expansion Male Minimum Security Facility

Globe, Arizona

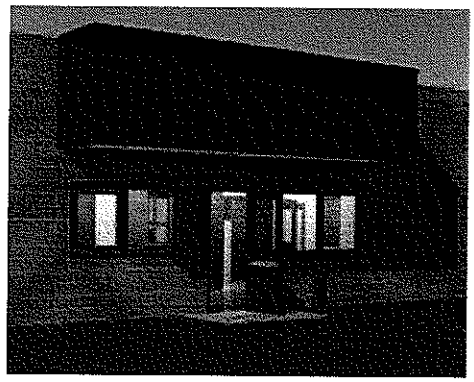
Project description:

Level 2 male minimum security prison expansion to accommodate an additional 100 inmates Expansion included new construction for additional housing units and warehouse. Expansion affected all support facilities including dining, visiting, administration, education, storage, security and medical The majority of the construction was performed by inmate labor under the Arizona Inmate Labor Program Perimeter security was maintained throughout construction as work was performed within the existing perimeter. Extension of the perimeter was performed around the new ball field, leaving the existing fence intact and providing a gate access to the new recreation area.



5,914 sf renovation (dining, medical, yard control, administration)
24,987 sf new construction (housing units, warehouse)

Reference:	***Mike Rank***
	Arizona Dept. of Administration
Email:	***michael.rank@azdoa.gov***
Phone:	***(602) 542-1983***
Original Budget:	***$2,250,000***
Actual Bid Amount:	***N/A***
Final Budget:	***$2,251,500***
Design Start Date:	***May 1995***
Bid Date:	***N/A***
Construction Start Date:	***September 1995***
Substantial Completion Date:	***December 1996***
Final Completion Date:	***On schedule for early completion***
Delivery Method:	***Fast Track Design - Inmate Labor***



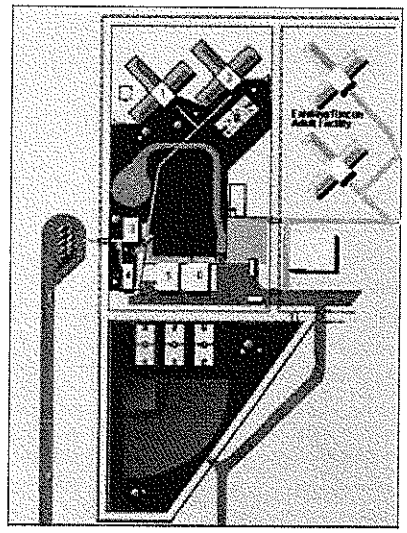
Rincon Minor

Tucson, Arizona

Project description

This Level 5 minor male custody facility is located within an existing level 4 adult male prison. The new housing units will eventually become part of the existing facility. This created design challenges for a housing unit to meet minor level 5 and adult level 4 standards simultaneously. Perimeter fencing had to protect the facility level of security while visually maintaining separation between minor and adult inmates. As the minor units is temporary, support buildings (visitation, medical, administration, and kitchen/dining) were of modular construction Renovations and additions included the existing visitation, administration/medical and educational support areas

Reference:	***Mike Rank***
	Arizona Dept. of Administration
Email:	***michael.rank@azdoa.gov***
Phone:	***(602) 542-1983***
Original Budget:	***$2,653,000***
Actual Bid Amount:	***$2,653,000***
Final Budget:	***$2,653,000***
Design Start Date:	***1996***
Bid Date:	***February 1996***
Construction Start Date:	***1998***
Substantial Completion Date:	***November 1999***
Final Completion Date:	***November 1999***
Delivery Method:	***Design/Bid/Build***



Durango Juvenile Facility Life Skills and Counseling Renovation

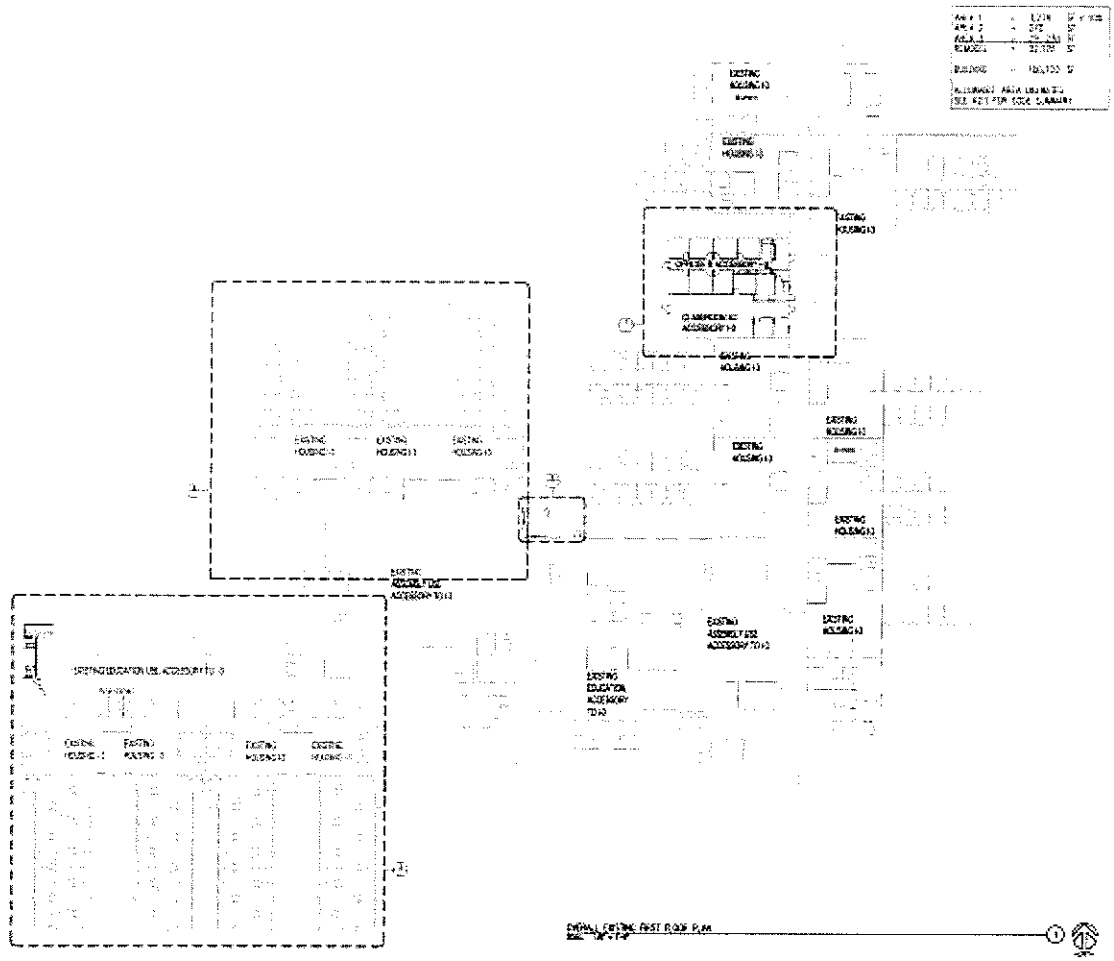
Phoenix, Arizona

Project description:

The scope of work was to remodel an existing juvenile facility. The remodeling consisted of the renovation of seven existing 20 cell inmate Housing Units and the tenant improvements for converting the existing Medical Unit to a new Skill and Counseling Unit. The renovation included adding new mechanical and electrical systems, providing new door hardwires, and upgrade the existing security electronic system of the facility.

32,778 sf Interior Renovation

Reference:	***James McFadden***
	Retired Arizona Dept. of Corrections
Email:	***N/A***
Phone:	***(480) 759-9484***
Original Budget:	***$1,000,000.***
Actual Bid Amount:	
Final Budget:	***$1,000,000.***
Design Start Date:	***January 2006***
Bid Date:	
Construction Start Date:	***April 2006***
Substantial Completion Date:	***November 2006***
Final Completion Date:	***December 2006***
Delivery Method:	***Design/Bid/Build***



(a) PRIOR EXPERIENCE:

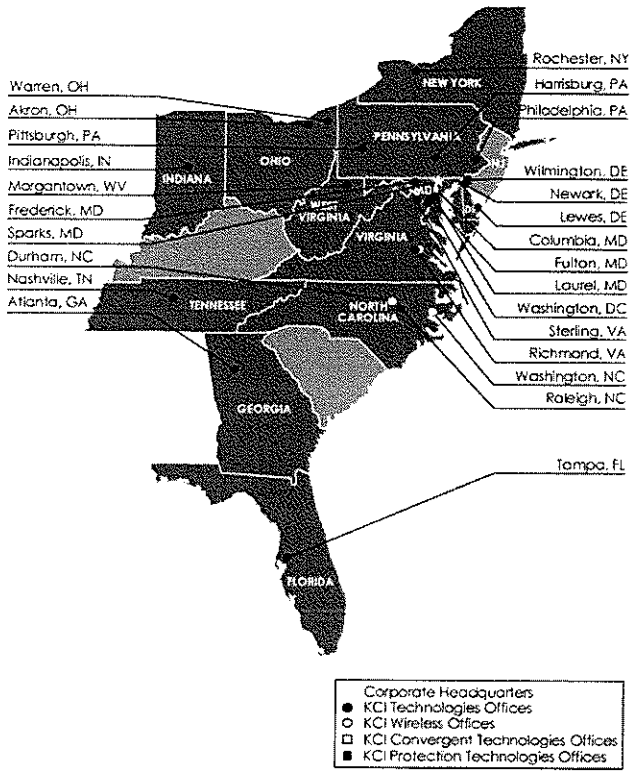
Additional Correctional Projects - Arrington Watkins

Project Name	Bed Count	Security Level	Cost	Delivery Method
Northern Nevada Prototypical Tee Expansion - Nevada	336	Medium - Max	$22,000,000	D/B/B
Southern Desert Prototypical Tee Expansion - Nevada	336	Medium - Max	$42,000,000	D/B/B
Stanley Correctional Facility - Wisconsin	1,500	Medium	$50,000,000	D/B
High Desert State Prison - Prison 8 - Nevada	2016	Maximum	$190,000,000	D/B/B
Nevada 960 Beds: Housing Units - Nevada	960	Min Dorms	$30,000,000	D/B
High Desert Men's Prison Phase V Housing Units - Nevada	672	Medium - Max	$46,000,000	D/B
High Desert Men's Prison Phase IV Housing Units - Nevada	672	Medium - Max	$47,812,968	D/B/B
FCI/FPC - Mendota, California	1,664	Min - Max	$159,000,000	D/B
San Juan County Adult Detention Facility - New Mexico	1,024	Jail	$20,800,000	D/B
USP/FPC, Tucson, Arizona	960	Min - Max	$113,500,000	D/B
ADOA - 1000 Bed Expansion - Arizona	1,000	Minimum	$25,000,000	CMAR
High Desert Men's Prison Phase III - Nevada	None	Medium - Max	$11,000,000	D/B
High Desert Men's Prison Phase I & II - Nevada	1,300	Medium - Max	$85,000,000	D/B
ASPC-Tucson II - Arizona	4,400	Medium	$194,000,000	CMAR
Kingman DUI - Arizona	1,400	DUI	$43,000,000	D/B
Lewis Complex - Arizona	4,150	Med - High	$168,000,000	D/B/B
Yuma - Dakota Unit - Arizona	800	Medium	$28,000,000	D/B/B
Crowley County Correctional Facility - Colorado	1,500	Medium	$36,000,000	D/B
Central Oklahoma Corrections Facility - Oklahoma	1,000	Medium	$26,000,000	D/B
Florence RTC-DUI - Arizona	600	Medium	$10,300,000	D/B
Huerfano County Correctional Facility - Colorado	752	Medium	$24,218,000	D/B
SW Regional Juvenile Corrections Complex - Arizona	300	Med - High	$14,000,000	D/B/B
Lawrenceville Correctional Facility - Virginia	1,500	Medium	$32,000,000	D/B
Rincon Minor Male Custody Facility - Arizona	200	High	$2,653,000	CMAR
Delta Correctional Facility - Mississippi	1,000	Medium	$17,125 000	D/B
Special Management Unit II - Arizona	768	Supermax	$28,500,000	D/B/B
ASPC-Globe Additions/Renovations - Arizona	100	Medium	$2,250,000	D/B/B
Arizona Correctional Training Center - Arizona	350	Minimum	$4 255,000	D/B/B

FIRM PROFILE

Introduction to KCI Technologies, Inc.

Early Corporate History – The history of KCI Technologies can be traced to a small firm operating out of the basement of the co-founders Baltimore County, Maryland home in 1955. By its second year, the company took up residence in a proper facility, only to change locations several times over the next decade in a succession of moves that paralleled its growth. In 1977, it was purchased, along with three other architectural and engineering firms, by industrial products conglomerate Walter Kidde & Company. The Kidde acquisitions merged into and engineering subsidiary that came to be known as Kidde Consultants Inc., or KCI. During the 1980s, KCI expanded throughout the Mid-Atlantic, opening new offices in Maryland, Delaware, Virginia and Pennsylvania.



Employee Ownership – In August 1987, Hanson Trust PLC of Great Britain, a manufacturing company with diversified holdings worldwide, purchased Kidde, the parent company. Soon thereafter, KCI initiated an employee buyout from Hanson, which was completed in December 1988. KCI became Maryland's largest employee-owned company. In 1991, the official name was changed to KCI Technologies, Inc. In 2008, the corporate headquarters was moved to its present location in Sparks, MD.

With revenues of approximately $142 million in 2008, the Engineering News-Record has consistently placed KCI among the top consulting engineering firms in the country. Today our roughly 950 employee owners operate out of 25 offices in 12 states – Delaware, Florida, Georgia, Indiana, Maryland, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia and West Virginia – and the District of Columbia.

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

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

Introduction

KCI Technologies, Inc. (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 As one of the nation's leading transportation, environmental, construction management, inspection, and multi-discipline, full-service engineering firms, 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.

Location

KCI has been working throughout the state of West Virginia for more than10 years and is familiar with conditions and infrastructure of rural 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.

Robert Milne, PE

Senior Associate

Education:
BS / 1990 / Civil Engineering / West Virginia University
MS / 1999 / Civil Engineering / West Virginia University

Years Experience: 20
Years with KCI: 8

Registration:
PE / WV / 014177 / 1999
PE / PA / PE061465 / 2002

Experience:
Mr. Milne is the Regional Practice Leader in KCI's Morgantown, West Virginia office and is responsible for the office's daily operation, supervision of staff, and management of large projects. Mr. Milne is also experienced in civil/site design, utilities, and buildings as well as roadway and storm sewer design; highways, bridges, traffic studies; and construction administration and inspection. Relevant project experience includes:

A/E Support Services Multiple Award Task Order Contracts, Nationwide. Task Manager. KCI is a subconsultant on this open-end contract for the Federal Bureau of Prisons. KCI provided site/civil and MEP engineering and surveying services at the Butner Federal Medical Center in North Carolina, the Cumberland Correctional Institution in Maryland, the Alderson FPC Multi-Purpose Building in West Virginia, and the FCI Memphis New Outside Administration Building in Tennessee. Lead civil engineer for site design, including the design of parking lots, roadway improvements, utility lines, sidewalks, drainage, stormwater retention, grading plans, erosion and sediment control, and cost estimates.

West Virginia University Architectural and Engineering Open End, Morgantown, WV, Project Manager. KCI was awarded an open end contract to provide multi-disciplinary engineering services to the West Virginia University. KCI's total fees estimated to be $500,000. Responsibilities include the review of existing plans, structural assessment, bridge design, report preparation, and construction documents. Tasks include a structural assessment of the Summit Hall Parking Garage, a structural assessment of the Evansdale Library, and rehabilitation of the Percival Hall Pedestrian Bridge.

New Northside Fire Station, Morgantown, WV, Project Manager. 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. Client is pursuing LEED certification.

Fort Meade AIE, Fort Meade, MD. Project Manager. 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 Meade. The objective of the FFR contract is to prepare five Access Control Points (ACPs) at Fort Meade for installation of the U.S. Army Automated Installation Entry (AIE) System. Mr. Milne is responsible for the development of the traffic study. Performed site investigations at all five ACPs and prepared report. Also responsible for the development of conceptual designs at each gate. Responsible for the development of the project budget, coordination of subconsultants, and acted as the primary point-of-contact for client.

Dugway Proving Ground, UT Construction Documents & Project Specifications, Salt Lake City, UT. Project Manager
KCI 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 Dugway Proving Grounds. The objective of the design-build contract is to prepare two Access Control Points (ACPs) at the Dugway Proving Grounds for installation of the U.S. Army Automated Installation Entry (AIE) System. Responsible for the administration and completion of the contract documents for the Phase II electrical engineering work plan.

Fort Leavenworth AIE, Fort Leavenworth, KS. Project Manager. 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. Milne is responsible for the development of the traffic study. Performed site investigations at all three ACPs and prepared report. Also responsible for the development of conceptual designs at each gate. Responsible for the development of the project budget, coordination of subconsultants, and acted as the primary point-of-contact for client.

John Rudmann, PE, RLA

Senior Civil Engineer

Education:
BS / 1995 / Civil Engineering / West Virginia University
BS / 1992 / Landscape Architecture / West Virginia University

Years Experience: 15
Years with KCI: 3

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

Experience:
Mr Rudmann is a civil engineer and a landscape architect with experience in performing roadway design, project planning, site development, road rehabilitation and repair, landscape and streetscape design, and trail and park projects. He has been a project manager and a design engineer. He has effectively managed staff to complete large fast-paced highway projects as well as managed small trail and park projects. He has completed all the design tasks associated with transportation projects and is proficient with all the computer software. 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. Client 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. The new Morgantown Fire Station will be a LEED Silver Certified building.

USDA Building Design/Build, Sabraton, WV. Civil/Site Engineer. 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. 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. Completed all the necessary LEED submittal paperwork for sustainable site and water efficiency credits.

WVU Downtown Student Housing Project, Morgantown, WV. Senior Design Engineer. KCI was a subconsultant to Paradigm Architecture for the new Downtown Student Housing Project. KCI was responsible for overall site design, courtyard, utility lines, sidewalks, drainage, stormwater retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting. Mr. Rudmann was responsible for the overall design of all site/civil services which included access roads, utility lines, sidewalks, drainage, stormwater retention, grading plans, courtyard pedestrian design, erosion and sedimentation control plans, and permitting.

Cacapon Resort State Park Lodge Expansion and Park Improvement, Capacon, WV. Civil/Site Engineer. As a subconsultant, KCI managed and performed tasks for water and wastewater system improvements as part of state park upgrades and expansion project. Mr Rudmann is responsible for completing the design for golf course pond renovations, including pond bank stabilization and lowering the water surface elevation; complete sand bunker renovation, including new drainage system design, adding liners, re-shaping, re-edging, and re-contouring; and the replacement of most existing site drainage structures.

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, stormwater retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting.

A/E Support Services Multiple Award Task Order Contracts for the Federal Bureau of Prisons

Nationwide

Client: Smolen – Emr & Associates Architects

Completion Date: January, 2005

Highlights:

KCI was a subconsultant on this open-end contract for the Federal Bureau of Prisons. KCI provided site/civil and MEP engineering and surveying services at the Butner Federal Medical Center in North Carolina, the Cumberland Correctional Institution in Maryland, the Alderson FPC Multi-Purpose Building in West Virginia, and the FCI Memphis New Outside Administration Building in Tennessee.

Alderson FPC Multi-Purpose Building, WV. KCI provided surveys, civil, and site engineering for this prison located in West Virginia. Existing utilities and potential tie-in locations were located. Drainage areas were determined and all existing drainage features were identified. Scope of services included schematic design, design development, construction documents, bid negotiations, and field survey services. Civil design included plans, typical sections, and profiles for grading; roads, access roads, sidewalks, and driveways; and drainage and pipes. Preliminary erosion and sedimentation control plans were designed and submitted to the necessary regulatory agencies for review along with a draft of the NPDES permit. Service connections for all proposed utilities were designed during this phase from the tie-in location to the building footprint.

Butner Federal Medical Center, NC. KCI provided concept design and engineering solutions to inadequate water pressure at the medical center. The proposed solution was the replacement of existing triplex booster pump set currently serving three floors with a larger triplex pump set sized to accommodate the entire building. Project included development of short specifications, phasing plan, and construction cost estimate.

Cumberland Correction Institution, MD. KCI provided engineering services in troubleshooting district heating, primary, and secondary loop corrosion problem. The scope of services included a detailed site survey of 19 mechanical rooms, review of as-built drawings, evaluation of existing control systems, review of maintenance records, and water treatment procedures. A report was generated proposing solutions to the ongoing mechanical problems involving the entire heating water, including heat transfer to the hot water generators.

New Outside Administration Building, FCI Memphis, TN. KCI provided approximately three acres of civil/site design, including parking lots, site drainage, geotechnical services, and land survey for about 10,000 SF. Civil design included plans, typical sections, and profiles for grading; roads, access roads, and driveways; and drainage and pipes. Final stormwater management and erosion and sediment control plans were submitted to the necessary regulatory agencies for review along with the NPDES permit. Service connections for all proposed utilities will be finalized during this phase from the tie-in location to the building footprint. KCI completed cost estimates, construction plans, and specifications for the project. Bidding documents were completed in accordance with FBOP standards.

Maryland Correctional Institute for Women
Site Infrastructure and Dining Improvements

Jessup, MD

Client: Gaudreau, Inc.

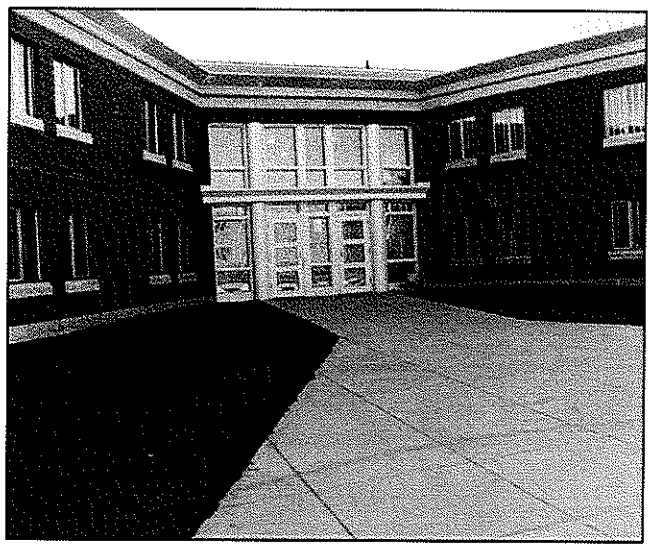
Completion Date: August, 2002

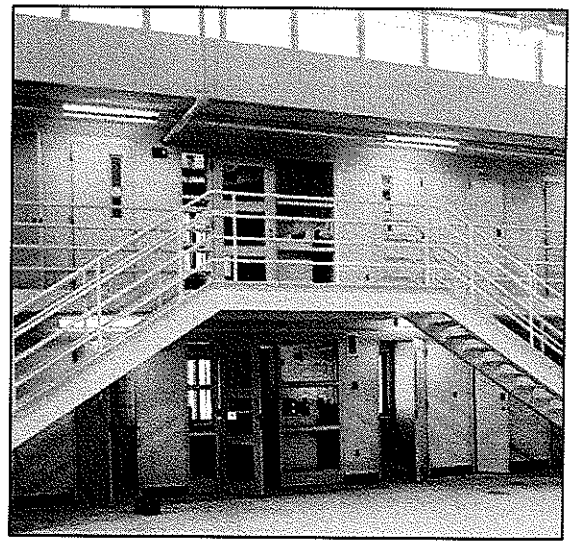
Highlights:

KCI provided overall project management and comprehensive engineering services, including mechanical, electrical, structural, civil, and geotechnical engineering for the renovation and addition to the institution's existing kitchen/dining operations. The project involved a multi-phase design in compliance with the institution's overall master plan. Key technical elements include:

Phase I: Site Improvements Project. To accommodate the kitchen/dining addition and renovation, major site and infrastructure improvements (utilities and roadways) were necessary. The KCI Team developed a comprehensive approach that met the projects' directives without compromising the institution's physical and electronic security. Key technical challenges included: provision of a new 12 inch main waterline to serve the new kitchen, as well as future projects at the site; re-work of the existing sanitary and stormwater utility infrastructure and the addition of a new stormwater management pond; and provision of a new delivery roadway and kitchen/dining loading dock delivery turnaround. Additionally, a new 3-story security tower and associated sally-port, more than 1,000 feet of perimeter security fencing and associated perimeter lighting utilizing 1000W metal halide and 1000W halogen floodlights and area lighting consisting of 90 foot high mast poles with six 1000W metal halide lamps was designed.

Phase II: Kitchen/Dining Renovation & Addition. With the completion of the site improvement phase of the project, the KCI Team proceeded with the development of construction documentation for a 6,000 GSF addition and a 10,000 GSF renovation of the existing kitchen and dining operation which serves 1,100 inmates per day. A critical challenge of the project was to implement the renovation without interrupting existing foodservice operations. The KCI Team successfully met this challenge through phased construction of the kitchen addition and the provision of redundant utilities. Project also involved removal of existing bearing wall and design of temporary permanent structural systems to replace them and depressing existing structural slabs including the design for replacement structural support systems for those slabs.





Maryland House of Corrections Annex

Jessup, MD

Client: Maryland Department of General Services

Completion Date: February, 1995

Highlights:

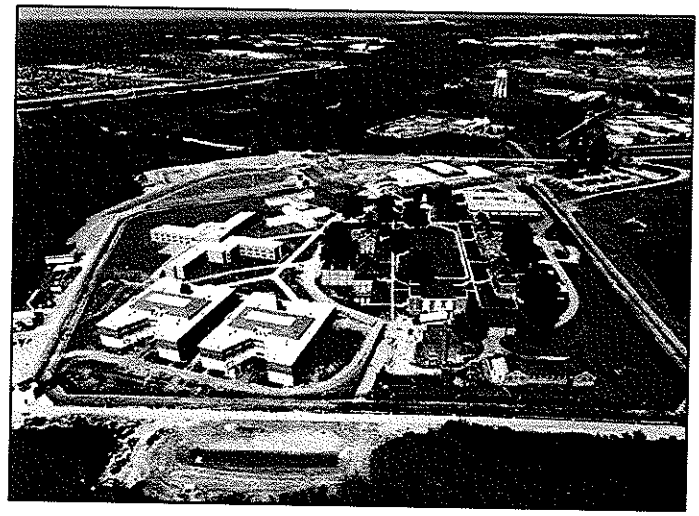
KCI, as a subconsultant to the project architect, provided mechanical, electrical, civil, and geotechnical engineering and construction administration of the new Administration, Gatehouse and Registration, and Visitor and Security Buildings. These three buildings serve as the main entrance to the upgraded corrections facility at Jessup. The Administration Building houses the warden's primary activities, as well as the accounting and records center for the whole facility. The Gatehouse Building handles the secured entry and exit from the prison, prison guard training, roll call, armory, and ammunition needs for the facility. The Visitation Building serves as the point of contact for secured communications between the prisoners and the public.

Scope of services included:

- complete HVAC, plumbing, and fire suppression systems engineering
- complete electrical distribution and lighting systems engineering
- security and life safety systems for the Annex complex, including the central consoles for the entire prison facility, door control and monitoring, fence detection, fire alarm, staff and security intercom and close circuit television
- security fence designed to meet and match the existing facilities perimeter security
- design of water and sanitary sewer mains
- design of a single-stage pressure reducing station (for new steam lines) to the facility
- grading of pedestrian areas and access drives to vehicle sally-port and to meet existing grades at the perimeter of the proposed site area
- perimeter security lighting (metal halide and quartz lamp sources)
- perimeter fence alarm and detection system (shaker detection system)

KCI worked closely with the owner and architect to develop the program. Constraints included sight distance from guard towers, a small site, and the constraints imposed from the on-going operation. During design, KCI performed numerous constructability reviews to determine the structural feasibility and contractor practicality. Once designed and bid, KCI analyzed value engineering deducts offered by the low bidder. KCI continued providing support to the owner throughout construction with shop drawing review, change order and claim analysis, construction inspection and remedial design.

Numerous issues arose during construction. The bottom of footing excavation was substantially different than borings indicated. KCI, with survey and geotechnical analysis, determined that the owner had used the site for spoil during the three years since borings had been taken. Since footing excavation was nearly complete, and some footings poured, lowering footing elevation would cause delay and additional cost. KCI revised the footing and slab-on-grade details to accommodate a reduced bearing capacity, and monitored footing construction closely. The owner elected to accept a deduct for utilizing an unapproved pre-engineered metal building manufacturer. KCI coordinated the detail changes with all trades. Member size changes affected mechanical and architectural systems and structural detail. Document changes were made and communicated with the contractor such that the project was not delayed. Timely decision making was critical as this was the longest lead time element of the project. This project was one of the more complex and sizable projects attempted by the contractor. Being overwhelmed with state agency requirements, poor site conditions, and a low bid, the contractor submitted numerous change orders and claims. KCI successfully addressed each to the owner's approval. Totaling over 40,000 SF, this $6 million project was completed on-time and within budget.



Northside Fire Station

Morgantown, WV

Client: Bignell Watkins Hasser Architects, PA

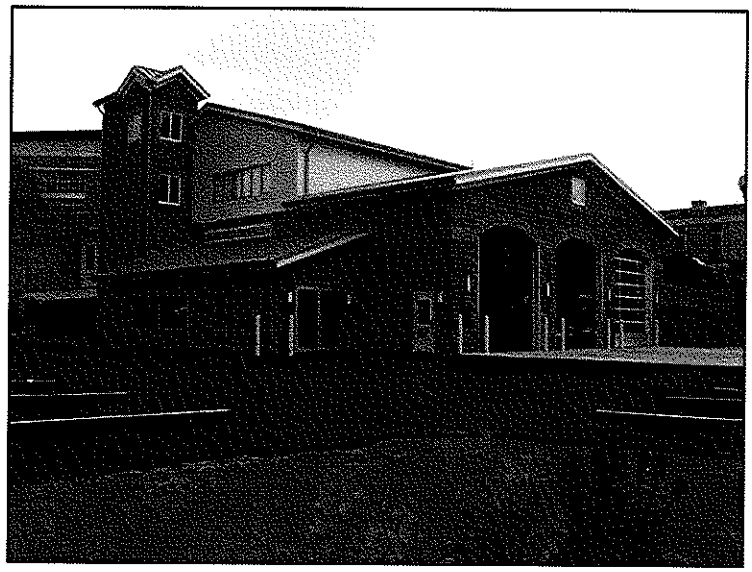
Completion Date: July, 2009

Highlights:

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

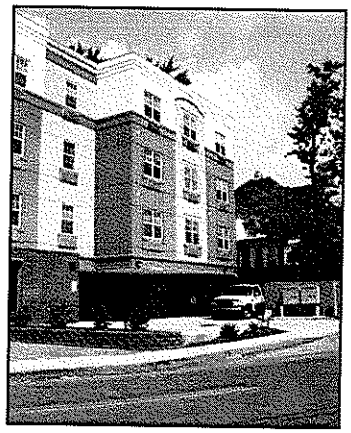


KCI's Experience with Paradigm Architecture

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 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.

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.

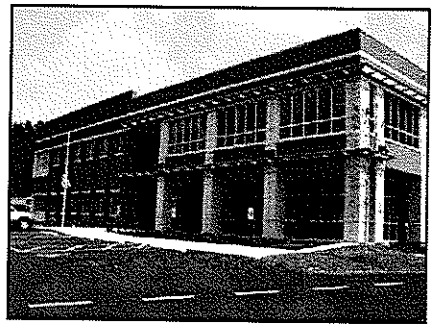
Morgantown Event Center
Morgantown, WV

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

GSA/USDA Building

Sabraton, WV

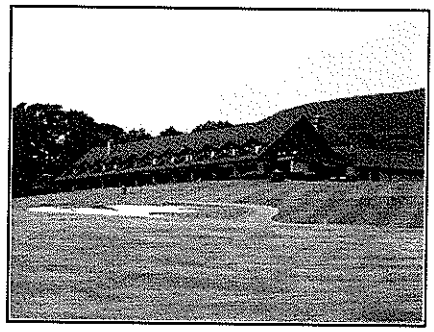
KCI was a subconsultant to Paradigm Architecture for the USDA Building located in the Sabraton Area of Morgantown. KCI provided site/civil engineering and landscape architecture design services for this design-build project. This project is pursuing LEED certification.



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 portable 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

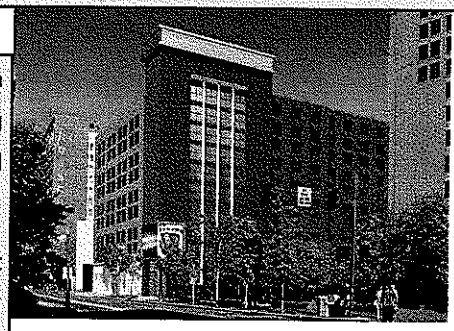
OFFICE BUILDINGS

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:

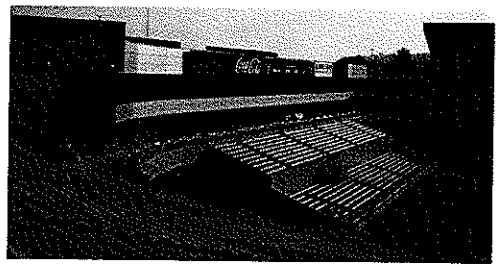
- Commercial
- Industrial
- Institutional
- Educational Facilities



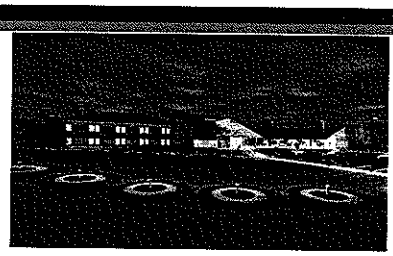
MIXED USE

PARKING GARAGES

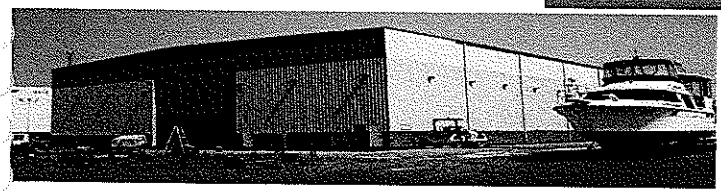
HOTEL
CONFERENCE CENTERS



ATHLETIC FACILITIES



SECONDARY EDUCATION



METAL BUILDING SYSTEMS

HEALTH CARE

102 Leeway Street
Morgantown, WV 26505
Phone: (304)599-0771
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 $1 million liability policy for errors and omissions through Travelers C & S Co. of America.

Allegheny
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Structural & MEP Engineering

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E-mail: Dave@AlleghenyDesign.com
Web: www.AlleghenyDesign.com

KEY PERSONNEL

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

West Virginia Institute of Technology, BSCE

West Virginia University, MBA

Structural Engineering Certification Board

P.E. Licenses in the following States:

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

National Council of Examiners for Engineering and Surveying

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

West Virginia Institute of Technology, BS Mechanical Engineering

West Virginia University

- Structural Analysis
- Steel Design
- Reinforced Concrete Design

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

West Virginia University, BS Civil Engineering

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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
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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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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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

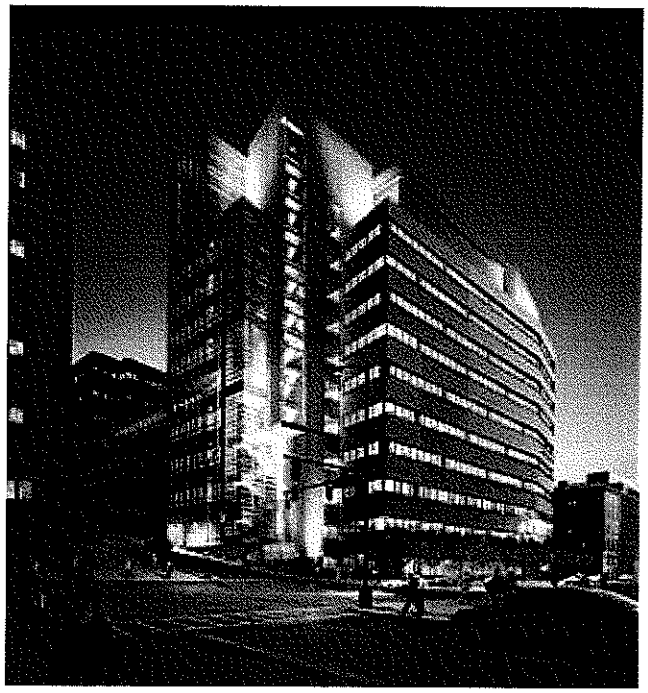
Courses and Continuing Education:

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

Biomedical Science Tower, BST3
University of Pittsburgh
Pittsburgh, PA



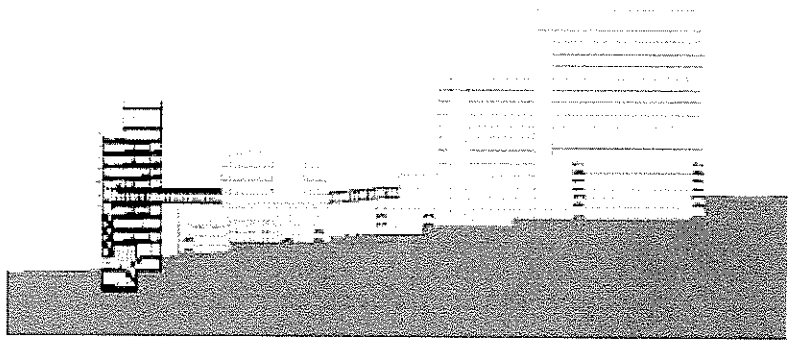
PROJECT ARCHITECT: Payette Associates, Boston, MA
STRUCTURAL ENGINEER: David Simpson of Allegheny Design Services under employ of R M. Gensert Associates

PROJECT FEATURES:

- 11 story concrete and steel structure
- 331,000 sq. ft. research lab facility
- Two-floor sky lobby
- Sky bridge connector

PROJECT VALUE: $188 Million

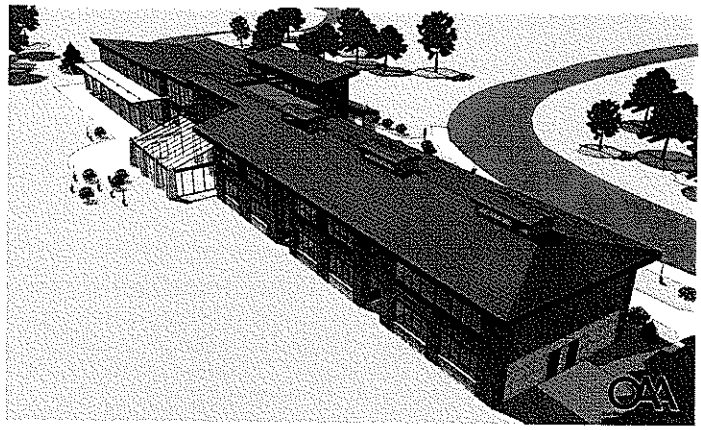
PROJECT COMPLETION: 2005

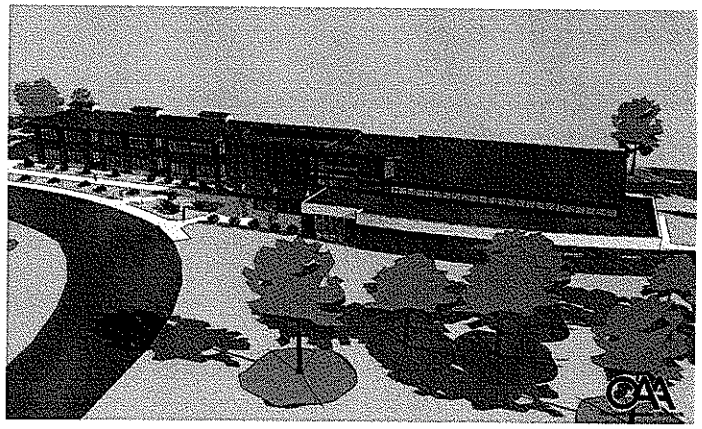


Allegheny Design Services
Structural & MEP Engineering

PROJECT PROFILE

Canaan Valley Institute
Headquarters/Educational Facility
Davis, WV





PROJECT ARCHITECT: The Omni Associates—Architects, Fairmont, WV
STRUCTURAL ENGINEER: Allegheny Design Services, Morgantown, WV
CONTRACTOR: Manheim Corporation, Pittsburgh, PA

PROJECT SCOPE:

- Research Facilities
- Offices
- Public Service Facilities

PROJECT VALUE: $6.5 Million

ESTIMATED PROJECT COMPLETION: 2009

Allegheny Design Services
Structural & MEP Engineering

PROJECT PROFILE

Fairmont Senior High School Cafeteria Addition
Fairmont, WV

PROJECT ARCHITECT: Omni Associates, Fairmont, WV
STRUCTURAL ENGINEER: David Simpson of Allegheny Design Services, Morgantown, WV
GENERAL CONTRACTOR: Davis and Sons General Contracting, Inc.

PROJECT FEATURES:

The Fairmont Senior High School Cafeteria Addition will be located on the campus of Fairmont Senior High School (FSHS) between Eighth Street and Park Drive in Fairmont, WV. The addition will consist of a single story structure approximately 80 feet by 90 feet in plan dimension, which is to be utilized as a cafeteria. A retaining wall along the southern portion of the building so that access to existing buildings is not impeded. The structure will be of masonry wall construction, with steel column support system.

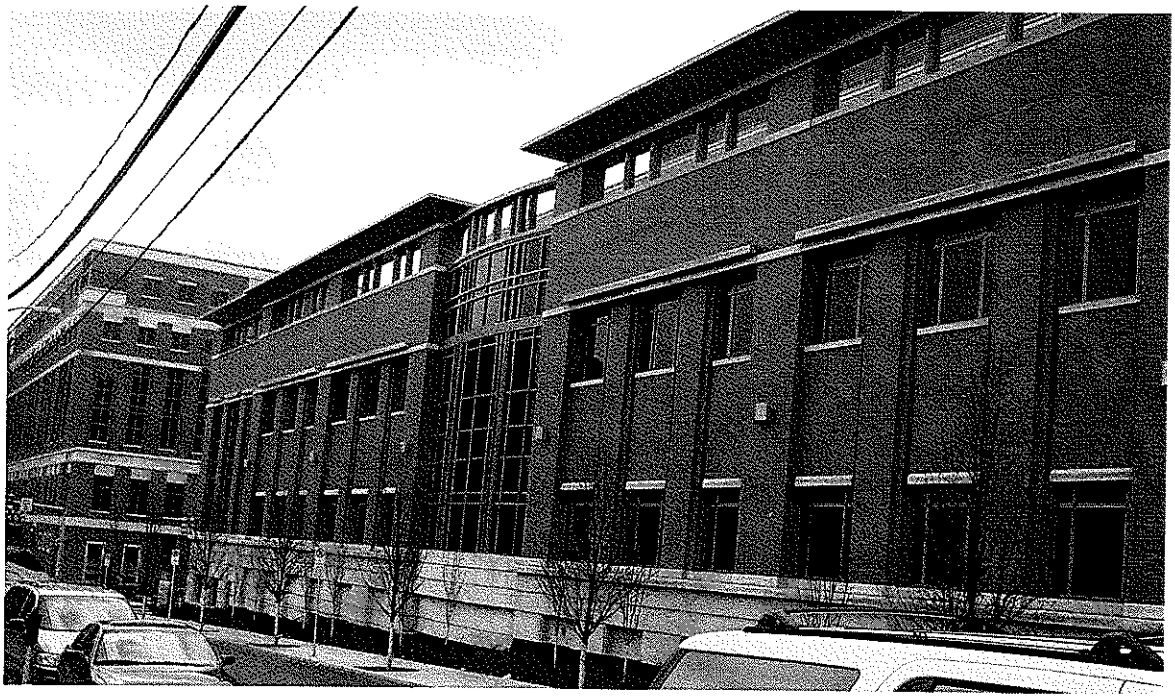
PROJECT VALUE: $2.5 Million

PROJECT COMPLETION: 2000

Allegheny Design Services
Structural & MEP Engineering

PROJECT PROFILE

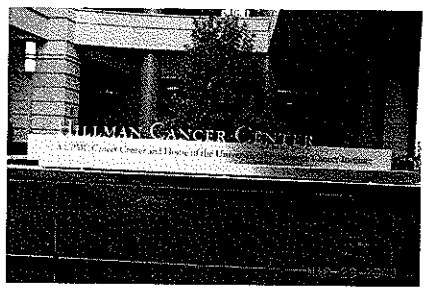
Hillman Cancer Center
University of Pittsburgh Medical Center
Pittsburgh, PA



PROJECT ARCHITECT: IKM, Inc., Pittsburgh, PA
PROJECT ENGINEER: David Simpson of Allegheny Design Services, Morgantown, WV in former employ of R.M. Gensert Associates
GENERAL CONTRACTOR: PJ Dick/Mascaro Corp., Pittsburgh, PA

PROJECT FEATURES:

- New Office/Laboratory Building
- New Cancer Research Building
- New Pedestrian Bridge
- Underground Parking Facility
- 70 Foot High Enclosed Atrium Between Buildings



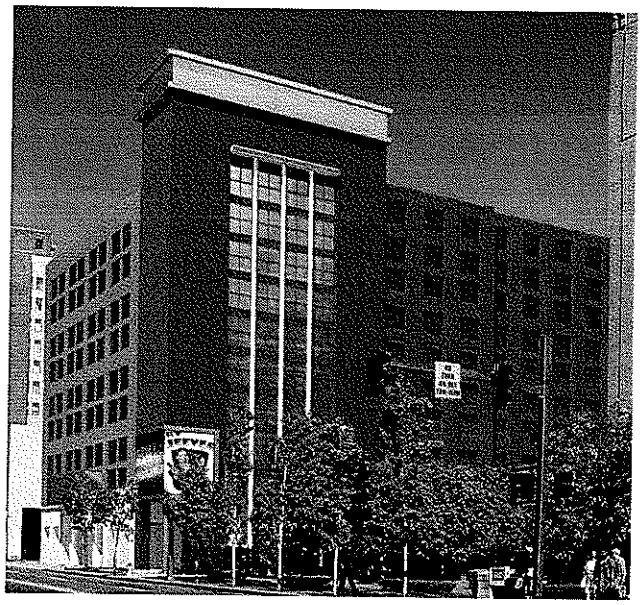
PROJECT VALUE: $100 Million

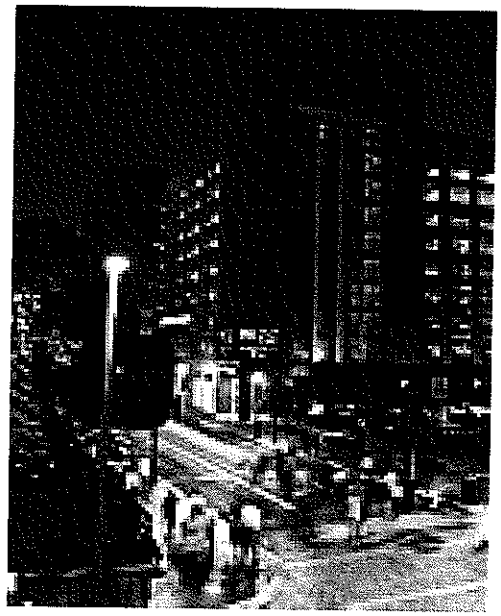
PROJECT COMPLETION: 2003

Allegheny Design Services
Structural & MEP Engineering

PROJECT PROFILE

Pittsburgh Cultural Trust
Parking Garage and Theatre
Pittsburgh, PA





PROJECT ARCHITECTS: WTW Architects, Pittsburgh, PA and Michael Graves
STRUCTURAL ENGINEER: David Simpson of Allegheny Design Services, Morgantown, WV with R. M. Gensert Associates, Pittsburgh, PA
OWNER: Pittsburgh Cultural Trust
CONTRACTOR: Mascaro Corporation, Pittsburgh, PA

PROJECT SCOPE:
The Trust's $26.5 million Theater Square, designed by WTW Architects of Pittsburgh in collaboration with world-renowned architect Michael Graves, will be a mixed-use structure featuring a cabaret theater, box office, small ground level retail, and parking for 790 cars. Estimated completion is spring 2003. The structure was originally designed as a multi story precast facility with an alternate for a cast-in-place post tensioned system. The alternate was accepted.

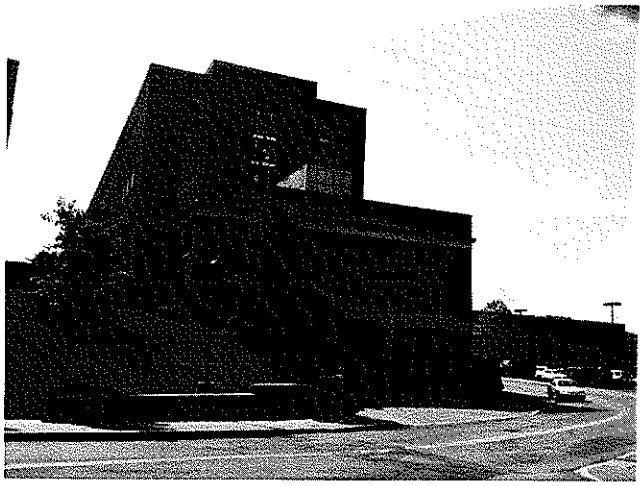
PROJECT VALUE: $26.5 Million

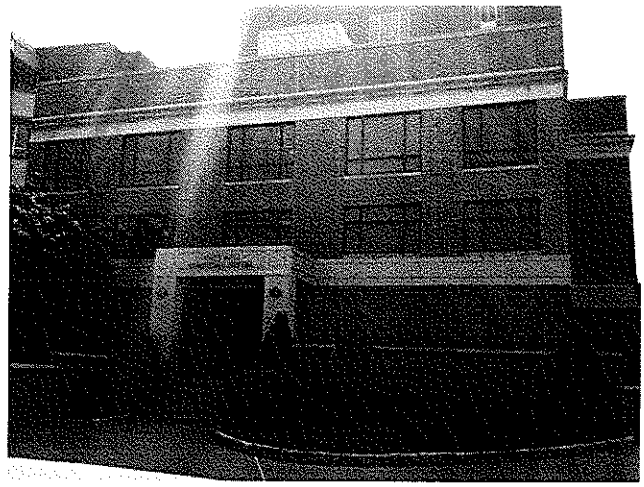
PROJECT COMPLETION: 2003

Allegheny Design Services
Structural & MEP Engineering

PROJECT PROFILE

WVU White Hall Computer Lab
Morgantown, WV





PROJECT ARCHITECT: IKM Inc., Pittsburgh, PA

STRUCTURAL ENGINEER: David Simpson, P.E. of Allegheny Design Services, Morgantown, WV with R.M. Gensert Associates, Pittsburgh, PA

OWNER: West Virginia University, Morgantown, WV

PROJECT SCOPE:

Renovation & Expansion to Existing facility for new computer lab.

PROJECT VALUE: $2 Million

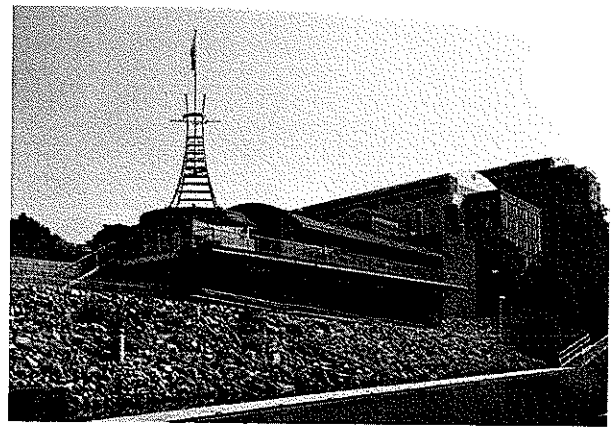
PROJECT COMPLETION: 2000

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.

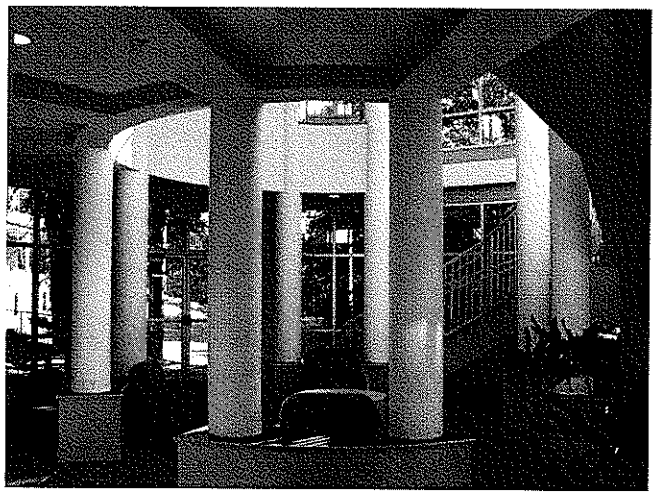
Allegheny Design Services
Structural & MEP Engineering

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.



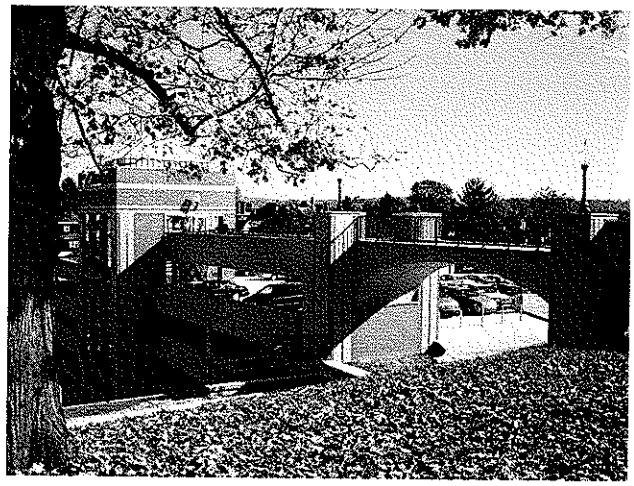
The Dayton
Morgantown, WV

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.

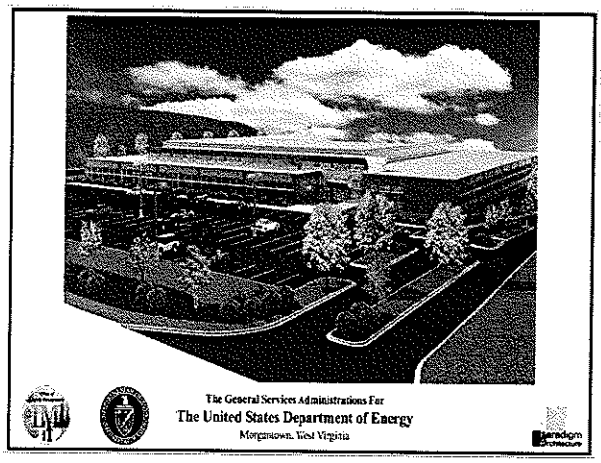


Glade Springs Hotel & Conference Center
Daniels, WV

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.



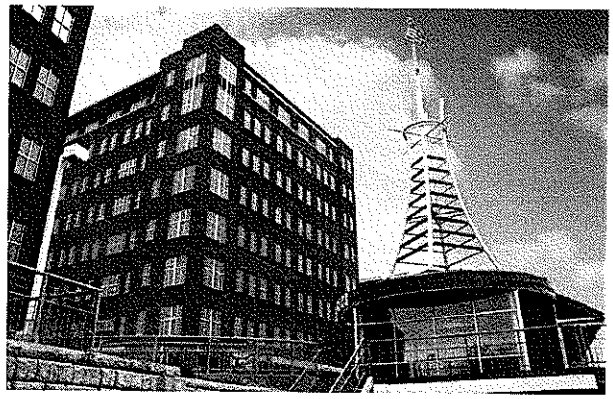
Allegheny Design Services
Structural & MEP Engineering

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.



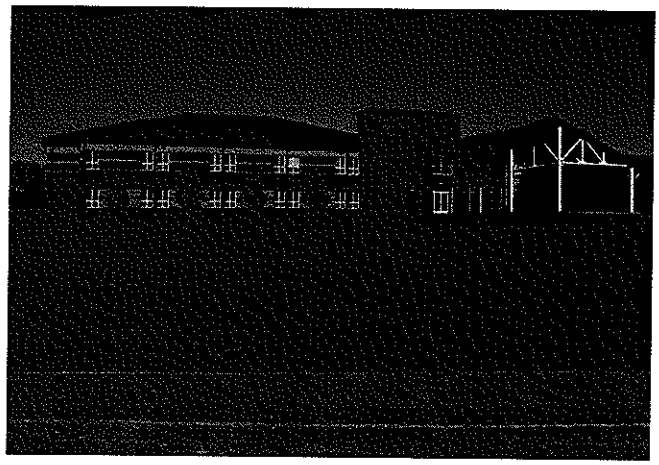
Morgantown Event Center
Morgantown, WV

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

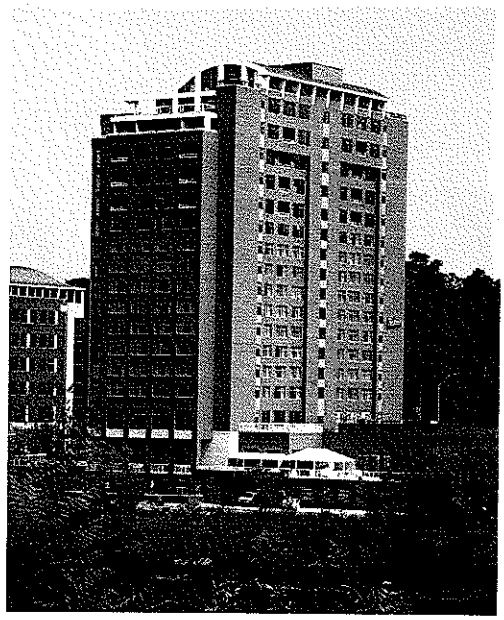
The View II at the Park
Morgantown, WV

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.

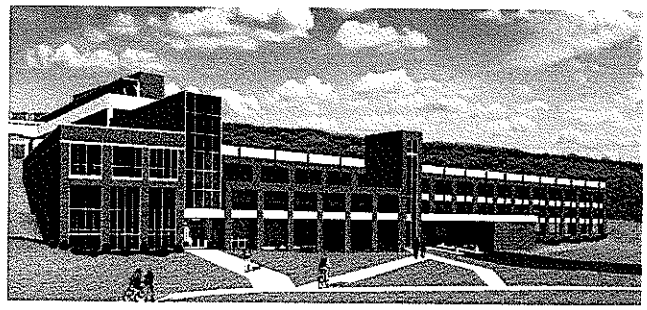


West Virginia University Honors Dormitory
Morgantown, WV

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.



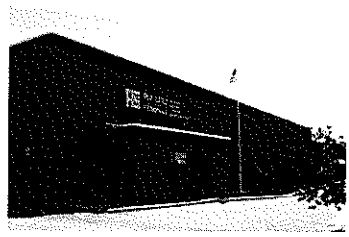
H.F. LENZ COMPANY

Firm Profile

Johnstown Headquarters
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301
www.hflenz.com

Pittsburgh Office
1051 Brinton Road
Pittsburgh, PA 15221
Phone: 412-371-9073
Fax: 412-371-9076

Erie Office
1001 State Street
Suite 907
Erie PA 16501
Phone: 814-455-7435
Fax: 814-459-8363



Currently in its 64th year, the H.F. Lenz Company is a Pennsylvania-based 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, Civil and Structural construction annually. A remarkable 85 percent of our work consists of repeat commissions from clients who appreciate our responsive, value-added service. ***Our 44 Professional Engineers are licensed in a total of 45 states and DC. We currently have 10 Engineers licensed in West Virginia.*** Our in-house services include:

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

Correctional Facility Design

H.F. Lenz Company is nationally recognized engineering firm with extensive experience in criminal justice facilities. We understand the issues involved in designing building systems for this type of facility and we our thoroughly familiar with recent correctional trends. We will work closely with the client and the design team to develop the solutions that best meet our client's unique needs. Mechanical and electrical systems design in facilities dealing with incarceration differs from the design of conventional buildings in many ways. These systems must address items such as the confined occupant, the correctional facility staff interface, security, and life safety. Items of major concern include:

- Secure equipment to prevent damage, hidden contraband, suicide, or weapon manufacture
- Centralized control of lighting
- Ventilation air
- Specialized fire hose systems for riot control
- Non-secure access paths to mechanical equipment for maintenance considerations
- Centralized or non-secure locations for valves, mechanical, and electrical equipment
- Electronic plumbing systems for close control of individual cells, dayroom water management, and entire facility
- Humidity control to maintain ventilation in non-secure air conditioned areas
- Acoustic analysis to prevent excessive equipment noise

Our project team for this project is the same team that successfully worked together on the new 700,000 sq. ft. Forest County State Correctional Institute (SCI) (L5 facility) in Pennsylvania, completed in 2002. This team also recently completed engineering services for the bridging documents for new 128-bed additions to the Pine Grove, Coal Township, and Cambridge Springs State Correctional Institutions (L3 facilities), and the 96-bed addition to the Forest County SCI. Our recent SCI experience also includes replacement of the steam lines and the repair of the main steam tunnel at SCI Camp Hill and the replacement of heating and cooling lines at SCI Fayette, both in Pennsylvania.

H.F. LENZ COMPANY

John R. Boderocco, P.E.

Mechanical Engineer

Mr. Boderocco is responsible for the engineering design and master planning of correctional facilities, colleges and universities, schools, laboratories, health care facilities, commercial office buildings, and industrial facilities for private, public, and governmental clients. His projects have involved mechanical/electrical systems design for new buildings, HVAC and electrical systems retrofit, building energy conservation, institutional heating plant designs, and civil and municipal engineering. As Principal-in-Charge, he is responsible for client contact; contract development and negotiation; establishing the project scope, timetable, and overall system concepts; preparing reports and cost estimates; monitoring design to ensure quality and coordination; construction management; and other project management functions. His projects include:

Forest County State Correctional Institution
Marienville, Pennsylvania
New 700,000 sq.ft. minimum, medium, and maximum security facility to house 2,000 inmates that consists of 19 buildings on a 76 acre site; includes facility administration and security administration buildings

Pine Grove and Coal Township State Correctional Institutions
Pennsylvania
Bridging documents for new 128 cell additions to each L-3 facility

Cambridge Springs State Correctional Institution
Pennsylvania
Bridging documents for new 128 cell addition to an L-3 facility

Forest County State Correctional Institution
Marienville, Pennsylvania
Bridging documents for new 96 cell addition to an L-5 facility

Fayette State Correctional Institution
Labelle, Pennsylvania
Replacement of the high temperature hot water heating lines

City of Suffolk Jail
Suffolk, Virginia
New 350-bed facility

Heritage Health System, The Medical Center
Beaver, Pennsylvania
Psychiatric, neuropsychiatric, and adolescent psychiatric units

Pennsylvania Soldiers and Sailors
Erie, Pennsylvania
New 32-bed unit for patients with dementia or Alzheimer's disease

Hamot Hospital
Erie, Pennsylvania
- *Mental Health Department*
- *Isolation room study*
- *Facility-wide sprinkler system*

Laurel Crest Manor
Ebensburg, Pennsylvania
- *Alzheimer's unit*
- *Various multi-discipline renovations for 370-bed nursing home*

Edinboro University of Pennsylvania
Edinboro, Pennsylvania
Renovations to five dormitory buildings

Education
Bachelor of Science, Environmental Engineering, 1978 Pennsylvania State University

Experience
H.F. Lenz Company 1978 - Present
Pennsylvania State University 1978

Professional Registration / Certification
Licensed Professional Engineer in Pennsylvania

Professional Affiliations
National Society of Professional Engineers • Pennsylvania Society of Professional Engineers • American Hospital Association • American Society of Heating, Refrigerating and Air-Conditioning Engineers • American Water Works Association • International Society for Pharmaceutical Engineering

H.F. LENZ COMPANY

Steve J. Kormanik, C.P.D.

Plumbing/Fire Protection Designer

Mr Kormanik has designed complete plumbing and sprinkler systems for correctional institutions, industrial facilities, office buildings, schools, colleges, hospitals, laboratories, and military installations. He is responsible for plumbing and sprinkler system design, layout, calculations; selection and sizing of equipment; cost estimates; and site surveys and is knowledgeable of all applicable plumbing codes He 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 Kormanik also conducts evaluations and prepared reports of existing plumbing and sprinkler systems for commercial and institutional facilities His project experience includes:

Forest County State Correctional Institution
Marienville, Pennsylvania
New 700,000 sq.ft minimum, medium, and maximum security facility to house 2,000 inmates that consists of 19 buildings on a 76 acre site; includes facility administration and security administration buildings

Pine Grove and Coal Township State Correctional Institutions
Pennsylvania
Bridging documents for new 128 cell additions to each L-3 facility

Cambridge Springs State Correctional Institution
Pennsylvania
Bridging documents for new 128 cell addition to an L-3 facility

Forest County State Correctional Institution
Marienville, Pennsylvania
Bridging documents for new 96 cell addition to an L-5 facility

Fayette State Correctional Institution
Labelle, Pennsylvania
Replacement of the high temperature hot water heating lines

U.S. Army Corps of Engineers
Baltimore District, Indefinite Delivery Contract
Plumbing and site design including underground water service and design of all potable water systems for new reserve centers in Pennsylvania and West Virginia:

- *Morgantown, WV: 300-member reserve center with a 21,700 sq.ft administration/training building and a 5,500 sq.ft four-bay organizational maintenance shop*
- *Kingwood, WV: 100-member reserve center with a 19,000 sq.ft. administration/training building and a 5,000 sq.ft four-bay organizational maintenance shop*
- *Elkins, WV: 60-member reserve center with a 12,000 sq.ft administration/training building and a 4,200 sq.ft. three-bay organizational maintenance shop*
- *Brownsville, PA: 200-member reserve center with a 20,000 sq.ft. administration/training building and a six-bay organizational maintenance shop*
- *Beckley, WV 300-member reserve center with a 27,500 sq.ft. training building and a 2,709 sq.ft. organizational maintenance shop*
- *Rainelle, WV 200-member reserve center with 19,444 sq.ft training building and a 7,532 sq.ft. organizational maintenance shop*

Education
Associate, 1983, Interior Design

Experience
H.F. Lenz Company 1985 - Present

Professional Certification
Certified in Plumbing Design, ASPE
Certified Plumbing Plans Examiner (BOCA)
Certified Plumbing Inspector (BOCA)

H.F. LENZ COMPANY

Jeffrey A. McKendree, C.E.T.

Fire Protection Designer

NICET Level III Automatic Sprinkler System Layout

Mr. McKendree is a graduate of Eastern Kentucky University's Fire and Safety Engineering program, a program of distinction in the Commonwealth of Kentucky as certified by the Commonwealth of Kentucky Board of Higher Education. Mr. McKendree's experience prior includes conducting site inspections for emergency incident planning in Lower Paxton Township in suburban Harrisburg, Pennsylvania. Typical sites included educational, industrial, manufacturing, and mercantile properties. These plans have been utilized to protect lives and property from the effects of fire through the use of NFPA and local standards for safety

He is fully knowledgeable of NFPA standards and is experienced in the design of wet, dry, preaction, deluge, and special application fire protection systems. He is responsible for sprinkler system design, layout, and calculations; selection and sizing of fire protection equipment; cost estimates; and site survey work. Mr. McKendree coordinates with other trades, municipal fire protection authorities, utility companies, and with the Project Engineer and project Architect. While attending Eastern Kentucky University, Mr. McKendree earned Golden Key National Honor Society, Alpha Phi Sigma, and Who's Who Among American College Students nominations. Mr. McKendree has been involved in the design of fire protection systems for the following projects:

Forest County State Correctional Institution
Marienville, Pennsylvania
New 700,000 sq.ft. minimum, medium, and maximum security facility to house 2,000 inmates that consists of 19 buildings on a 76 acre site, includes facility administration and security administration buildings

Pine Grove and Coal Township State Correctional Institutions
Pennsylvania
Bridging documents for new 128 cell additions to each L-3 facility

Cambridge Springs State Correctional Institution
Pennsylvania
Bridging documents for new 128 cell addition to an L-3 facility

Forest County State Correctional Institution
Marienville, Pennsylvania
Bridging documents for new 96 cell addition to an L-5 facility

Carnegie Mellon University
Pittsburgh, Pennsylvania
Fire protection designer for the master plan and design of new sprinkler systems and related fire alarm upgrades for the existing 600,000 sq ft. of University housing

Westminster College
New Wilmington, Pennsylvania
Fire protection designer for the fire alarm system upgrade for nine residence halls totaling approximately 300,000 sq ft

LaRoche College
Pittsburgh, Pennsylvania
Fire protection designer for the expansion of Bold Hall dormitories and the College Center

Education
Bachelor of Science Degree, Fire and Safety Engineering, 1999, Eastern Kentucky University
Associate of Arts Degree, Fire Science Technology, 1997, Harrisburg Area Community College

Experience
H.F. Lenz Company June 1999 – present
Paxtonia Fire Company incident preplanning committee August 1995 - August 1997

Professional Registration / Certification
NICET Level II in Fire Protection Engineering Technology / Automatic Sprinkler System Layout

H.F. LENZ COMPANY

Robert G. Mickle, P.E.

Electrical Engineer

Mr. Mickle is responsible for the design of complete electrical systems for facilities. Mr. Mickle's key responsibilities include: coordination of building electrical, telephone and cable television services with respective utility companies; lighting design; power system design; fire alarm system design; sound system design; clock system design; stage lighting design; nurse call system design; emergency power system and lighting system design; electrical connection of HVAC, plumbing, and other miscellaneous equipment; writing of specifications; design of 5 KV and 12 KV underground electrical distribution systems; design of electrical systems for health care facilities; design of roadway lighting systems; design of electrical systems for military facilities; checking of plans and specifications for quality control; project management, building study and evaluation. His project experience includes (*indicates previous experience):

Forest County State Correctional Institution
Marienville, Pennsylvania
New 700,000 sq.ft. minimum, medium, and maximum security facility to house 2,000 inmates that consists of 19 buildings on a 76 acre site; includes facility administration and security administration buildings

Pine Grove and Coal Township State Correctional Institutions
Pennsylvania
Bridging documents for new 128 cell additions to each L-3 facility

Cambridge Springs State Correctional Institution
Pennsylvania
Bridging documents for new 128 cell addition to an L-3 facility

Forest County State Correctional Institution
Marienville, Pennsylvania
Bridging documents for new 96 cell addition to an L-5 facility

Fayette State Correctional Institution
Labelle, Pennsylvania
Replacement of the high temperature hot water heating lines

Pine Grove State Correctional Institute*
Indiana, Pennsylvania
Design of the facility's campus medium voltage electrical distribution system. Project included two 2.0 MW emergency generators, medium voltage paralleling switchgear, and SCADA (Supervisory Control And Data Acquisition) system

Smithfield State Correctional Institute*
Smithfield Twp, Huntingdon, Pennsylvania
Replacement of the facility's existing 1.0 MW, 4.16 kV emergency generator that served the prison campus with a new 1.5 MW, 4.16 kV emergency generator. Temporary emergency service was maintained to the facility throughout the project. Project also included the upgrade of the facilities 5 kV primary service entrance switchgear

Greensburg State Correction Institute*
Greensburg, Pennsylvania
Campus electrical upgrade project

Huntingdon State Correctional Institute*
Huntingdon, Pennsylvania
Various renovation projects

Somerset State Correctional Institute*
Somerset, Pennsylvania
Sewage treatment project

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

Experience
H.F. Lenz Company 2001 - Present
The EADS Group, Inc 1991 - 2001
Brinjac Kanbic & Associates 1988 – 1991

Professional Registration / Certification
Licensed Professional Engineer in Pennsylvania

Professional Achievements and Affiliations
Institute of Electrical and Electronics Engineers (IEEE)

H.F. LENZ COMPANY

Camp Hill State Correctional Institution
Camp Hill, Pennsylvania

MAIN STEAM TUNNEL RENOVATIONS

H F. Lenz Company provided mechanical, electrical, and structural engineering, and construction monitoring services for the replacement of the steam lines and the repair of the main steam tunnel at Camp Hill State Correctional Institute (SCI). Steam is distributed to most buildings at SCI by an underground tunnel system which was originally installed in circa 1938 There have been several modifications and repairs since then; however, the tunnel itself and much of the piping were original. One of the major requirements of this project was that the steam system remain in service to the entire institution throughout the construction with the exception of some shutdowns which were minimized in duration Due to the nature of the facility, security issues were a main priority.

HVAC

The HVAC portion of this project consisted of replacing portions of the steam lines within the existing tunnel which contained a 16" low-pressure steam line, a 6" high-pressure steam line, a 6" low-pressure return, a 6" high-pressure return, and a 4" pumped condensate line. The majority of the buildings were fed with high-pressure steam, a few were fed with both high-pressure steam and low-pressure steam Buildings served with high-pressure steam were typically provided with pressure reducing stations.

In order to reduce the amount of piping within the tunnel, the low-pressure line was eliminated completely. All buildings are now supplied with high-pressure steam Buildings which were previously utilizing low-pressure steam were provided with new pressure reducing stations.

In order to maintain steam service throughout the course of construction, the new steam lines were routed on the opposite side of the tunnel as they were loaded originally. This allowed the new lines to be installed and tested prior to a relatively short shutdown in which the new lines were energized and the old lines disconnected.

Existing expansion loops were replaced with slip-type expansion joints. This is because the piping was routed along the opposite wall from the existing loops

ELECTRICAL

The scope of the electrical work for the project consisted of removing the existing lighting and service receptacles from the steam tunnel High abuse fluorescent lighting fixtures were located on 40' centers the length of the tunnel. GFI service outlets were provided on 120' centers the length of the tunnel.

STRUCTURAL

The original condition of the tunnel walls and roof varied from satisfactory to very poor. The existing tunnel was constructed of 8" thick cast-in-place reinforced concrete walls, floor, and roof The existing reinforcing was standard steel reinforcing bars without corrosion protection The previous steam piping was supported by steel framing members which were anchored to the roof, floor, and sidewall

Selected portions of the tunnel roof were replaced with cast-in-place or precast concrete roof slabs installed on the top of the existing walls. Selected portions of the tunnel walls had deteriorated concrete and reinforcing bars removed to a depth of approximately 3" The removed areas were then reinforced with reinforcing bars The new steam pipe support steel framing is hot dipped galvanized material and all anchors into the concrete surface to support such framing are stainless steel material.

The estimated construction cost for this project is $3,425,000. The project was completed in 2009

H.F. LENZ
COMPANY

State Correctional Institution
Marienville, Pennsylvania

New Prison Facility

H F. Lenz Company is providing HVAC, electrical, plumbing, fire protection, and civil/site design services for the **700,000-square-foot prison facility** situated on a 200 acre site in Forest County, Pennsylvania.

The new facility will provide programming, support services and infrastructure for approximately 2,000 inmates. The maximum security restricted housing unit will contain 96 cells, and there are nine general population housing units which will each have 128 cells. The support services building includes a visiting room, health care, kitchen/dining, commissary, maintenance and correctional industries. The chapel, education and recreation services are part of the program services building.

The **mechanical piping systems** for the prison facility included:

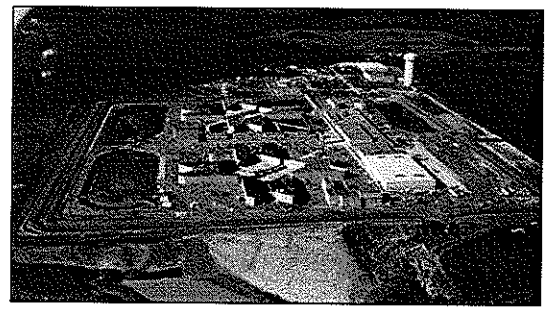
- 1800 BHP high temperature hot water boilers and central distribution piping including 4,800 LF of underground piping
- 1200 ton chilled water plant with central distribution piping (4,800 LF underground)
- Hot water convertors and building hot water heating piping
- Dietary steam boiler and steam and condensate piping system for food service equipment

The **electrical services** for the prison facility included:

- 12 47 KV main-tie-main service entrance with campus-wide dual loop feed underground distribution systems
- Dual 2000KW diesel generation emergency power plant; 100% backup of entire facility
- Campus-wide metering/monitoring system with PLC control of remote circuit breakers featuring touch-screen human interface
- Campus-wide fire alarm system with fiber optic backbone
- Integrated low-voltage lighting control

The **plumbing and fire protection systems** for the prison facility included:

- A 5,000 LF underground domestic water distribution service main loops the perimeter of the site
- Domestic hot and cold water distribution piping supplies fixtures and equipment in each building; a hot water return circulation piping system is designed to adequately provide hot water to remote fixtures
- Natural gas distribution system, service pressure regulation, and equipment connections throughout the facility
- Sanitary sewer and storm water collection systems for each building and site
- Standard and penal/security plumbing fixtures were specified and located throughout the facility as required
- Special design considerations were required to identify the location, route, and accessibility of distribution supply lines, maintenance valves, and fittings for tamper resistant and security measures
- One million gallon elevated water storage tank system
- Fire suppression system including 2,500 gallon per hour fire pump and 5,000 LF of undergound eight inch fire water distribution loop
- Fully sprinklered fire suppression for each building



The **civil/site design** for the prison facility included the following services:

- Preparation of a site grading plan involving the excavation of 750,000 cubic yards of embankment
- Storm drainage collection system with a detention pond having a capacity of 3.2 million gallons of storage
- Sanitary sewer system, with a pretreatment facility, with 850 gallon per minute pumps; the sewer system was designed to convey 400,000 gallons per day
- Design of a 1,000,000 gallon elevated water storage tank system
- Preparation of highway construction plans for the addition of turning lanes on SR0066; services included 2,100 LF of roadway widening, drainage system, and erosion control facilities

H.F. LENZ
COMPANY

Correctional Facilities

Federal Correctional Institution
Loretto, Pennsylvania
- Mechanical, electrical, and plumbing design for five buildings
- Increased security level from Minimum Level 1 to Medium Level 3
- Reconstruction of outdoor recreation area
- New perimeter roadway
- Security fencing and lighting
- Perimeter detection system and security hardware
- Topographic and utility surveys

Forest County State Correctional Institution
Marienville, Pennsylvania
- Mechanical, electrical, plumbing, fire protection, and civil/site design services for a 700,000 sq ft. 2,000-inmate prison facility

Pine Grove and Coal Township State Correctional Institutions, Pennsylvania
- Bridging documents for new 128 cell additions to each L-3 facility

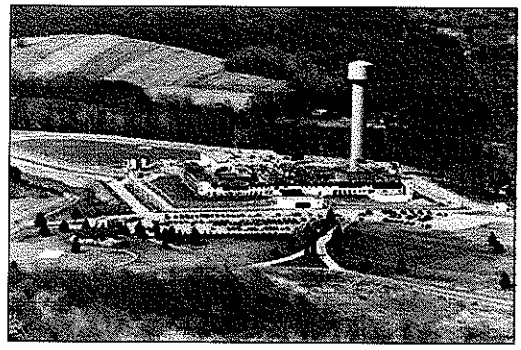
Cambridge Springs State Correctional Institution, Pennsylvania
- Bridging documents for new 128 cell addition to an L-3 facility

Forest County State Correctional Institution
Marienville, Pennsylvania
- Bridging documents for new 96 cell addition to an L-5 facility

Fayette State Correctional Institution
Labelle, Pennsylvania
- Replacement of the high temperature hot water heating lines

City of Suffolk Jail
Suffolk, Virginia
- Complete mechanical, electrical, and fire protection design for a new 50,000 sq ft. jail to house 350 inmates

Cambria County Jail
Ebensburg, Pennsylvania
- Development of a phased improvement program to correct mechanical and electrical deficiencies



The Federal Correctional Institution in Loretto houses 550 inmates.

Cambria County Juvenile Detention Home
Ebensburg, Pennsylvania
- Deficiency evaluation and energy conservation improvement study of the existing 12-cell facility
- Construction documents for converting the second floor to a four-room sheltered care center for county use

Alderson Federal Correctional Institution
Alderson, West Virginia
- Complete HVAC, electrical, and fire protection design for conversion of training rooms to production areas

Garrett County Courthouse and Jail
Garrett County, Maryland
- Renovations to existing buildings
- New minimum, medium, and maximum security area
- New kitchen and exercise areas
- New parking garage

Westmoreland County
Correctional Institution
Greensburg, Pennsylvania
- New mechanical, electrical, and plumbing systems

Westmoreland Juvenile Detention Center
Greensburg, Pennsylvania
- Mechanical, electrical, and plumbing systems for new facility

H.F. LENZ COMPANY

Correctional Facilities

Indiana County Jail
Indiana, Pennsylvania
- Evaluation and design of mechanical, electrical, and plumbing systems for a new jail structure

Camp Hill State Correctional Institution
Camp Hill, Pennsylvania
- Mechanical, electrical, and structural engineering, and construction monitoring services for the replacement of the steam lines and the repair of the main steam tunnel

U.S. Marshal's Service Facilities

H F. Lenz Company has provided engineering services for numerous courthouses and federal buildings which have housed U S. Marshal's Service Facilities Below is an overview of some of these facilities.

U.S. Courthouse
Harrisonburg, Virginia
- ***Renovation for U.S. Marshal's Service space, prisoner holding cells, and secure elevator***
- Second floor renovations including district magistrate courtroom, judges' chambers, conference rooms, clerks' rooms, and jury suite
- New building-wide fire alarm system

William J. Nealon Federal Building and U.S. Courthouse
Scranton, Pennsylvania
- ***U.S. Marshal's Service space***
- New $36 million courthouse annex and repair and alteration of existing federal building

Federal Building and Courthouse
Williamsport, Pennsylvania
- ***U.S. Marshal's Service: sallyport, holding cells, secure elevators, administrative areas, and judges' parking***
- Probation fit-out, Clerk of Courts, jury assembly areas, and new public, restricted, and prisoner circulation areas

Federal Courthouse Complex
Erie, Pennsylvania
- ***U.S. Marshal's Service Space***
- New $24 million courthouse annex and renovation to three existing historic buildings
- Building evaluation report
- Feasibility study for expansion options
- Prospectus development study

Federal Office Building and Courthouse
Wheeling, West Virginia
- ***$8 million renovation and additions to this historic structure including: new sallyport; prisoners' elevator; judges' elevator; holding cells; and new public, judges', and prisoners' circulation areas***
- Boiler replacement study and design
- Study and rehabilitation of deteriorated parapet wall
- Fourth floor courtroom renovation

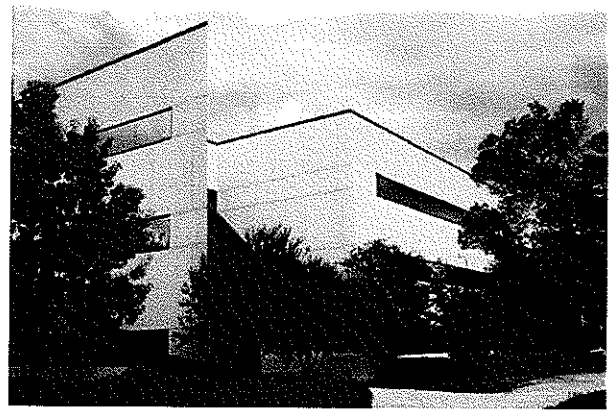
Lynchburg Courthouse
Lynchburg, Virginia
- Mechanical, electrical, and plumbing/fire protection engineering services for the design of a new 65,000 sq ft., five-story courthouse building and renovation of an existing three-story, 25,000 sq.ft. historic schoolhouse
- ***U.S. Marshal's Service Space***

Somerset County Courthouse
Somerset, Pennsylvania
- Mechanical, electrical, and plumbing/fire protection services for the historical renovation of the Somerset County Courthouse
- ***U.S. Marshal's Service Space***
- ***New 911 Center***
- ***New boiler serving police station***

BGA

Buford Goff & Associates, Inc.

HISTORY



Buford Goff & Associates, Inc. (BGA) was founded in 1969 by H. Buford Goff, Jr. as a consulting engineering firm. Prior to establishing BGA, Mr. Goff held positions as a Member of the Technical Staff at Bell Telephone Laboratories and as Vice President of Marketing at Computer Labs, Inc.

Professional services were initially performed in high technology disciplines such as communications and electronic security systems. In the early 1970's, Mr. Goff expanded the firm's capabilities to support mechanical and electrical disciplines. This expansion provided a balance of traditional and high technology disciplines to support the complex engineering environments which are demanded on many projects such as detention, communication networks, and healthcare facilities.

CORPORATE OVERVIEW

Today, BGA has four unique, but interdependent engineering divisions. These divisions are mechanical, electrical, security, and communications. All divisions share common offices and administrative support at the Columbia, South Carolina headquarters. The company employs a staff of 42 which includes registered engineers, designers, and administrative personnel. The firm maintains professional registration in 36 states and is a member of the National Council of Engineering Examiners and the National Society of Professional Engineers.

In addition to its own employees, the company maintains professional relationships with specialists in the areas of structural engineering, soils engineering, and communications law. These relationships significantly enhance the firm's capability to provide total engineering services.

BGA has successfully incorporated a high level of advanced technology in systems design to provide the engineering solutions the client demands. Communications technologies are employed to provide responsive information transfer to support projects on a national and global basis.

BGA

Buford Goff & Associates, Inc.

MECHANICAL AND ELECTRICAL DIVISIONS

The mechanical and electrical divisions provide engineering services for a wide variety of projects which encompass healthcare, correctional, institutional, high-rise commercial buildings, and educational facilities. Over thirty percent of our projects are renovations. Additionally, these departments provide specialized services which include analytical engineering, studies, utility masterplans, and systems troubleshooting.

The mechanical division understands the importance of designing systems which meet our client's requirements. Each mechanical system design is performed within the client's budget and staffing constraints with primary emphasis on functionality, life-cycle costs, and maintainability. This is accomplished through a demonstrated understanding of variable flow, thermal storage, air quality, smoke control, building automation systems, and acoustical design.

The electrical division's experience includes the design of power systems, lighting systems, power generation systems, transient protection, UPS, power conditioning, and specialized electrical/electronic systems employing the latest technology available.

Design considerations are always predicated on the economic needs of the client - both first cost and operating and maintenance costs.

SECURITY DIVISION

Security engineering is performed on a national basis. The firm has provided professional services for correctional and detention facilities ranging in cost from $2 million to $250 million located throughout the United States. Project locations of correctional facilities include Arizona, California, Connecticut, Florida, Georgia, Hawaii, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Nevada, New York, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Virginia. Security electronics communications systems for more than 500 major facilities have been designed by BGA.

Mr. Goff and the security engineering staff are recognized on a national basis for their understanding of the unique requirements of correctional facilities, technical knowledge of systems, and the successful implementation of security systems for these facilities. BGA has served as a consultant to the National Institute of Corrections to prepare and present programs at the Training Center in Boulder, Colorado.

Through associations with nationally recognized architectural firms specializing in correctional and judicial facilities, BGA leads the profession in security systems engineering. Systems include perimeter security, alarm reporting and control, personal alarms, closed circuit television, video systems, public address and intercom, door locking control, card access, master antenna television, metal detectors, and control consoles.

Knowledge and experience in correctional and detention facility design enables BGA to provide a total security plan to enhance the security effectiveness of the facility while minimizing staffing requirements.

BGA

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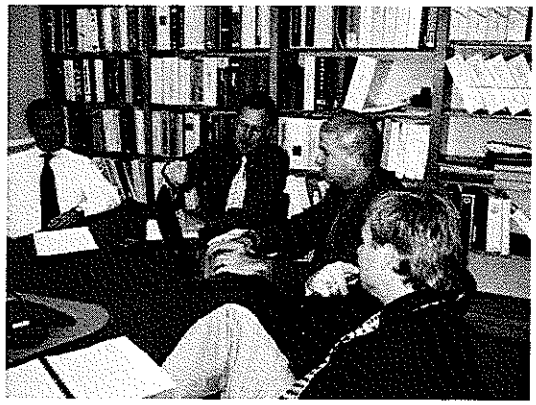
COMMUNICATIONS DIVISION



Communication Project Managers and Telecommunication Specialists at BGA plan, design, and manage the implementation of complex communication networks which include wireless systems, terrestrial microwave, fiber optic, and satellite systems. This division has been commissioned for engineering services on major communication systems in the United States. Over sixty complex communication networks for governmental, public, and private entities have been studied, designed, and implemented.

Computer-based planning programs developed by the staff assist engineers and system specialists in producing unique technical and economic data customized for each client's project. Programs developed include radio propagation, life-cycle cost analysis, system optimization, project scheduling, and project costing.

The magnitude and complexity of many large scale communication networks require that long-term professional relationships be established between the engineering firm and client. BGA takes pride in having established extended (five to ten years) professional relationships with communication clients.

SUMMARY

BGA offers a total systems approach to the client's needs. The corporate objective of BGA is to provide professional engineering services to the rapidly changing and technologically advancing business marketplace. BGA is staffed to support traditional and emerging engineering disciplines and is equipped with the technological resources to meet project challenges.

BGA

Buford Goff & Associates, Inc.

NAME: Keith E. Summer, P.E.

EDUCATION: Clemson University, 1983
BSEE

REGISTRATION: Registered Electrical Engineer in South Carolina, New Hampshire, Washington, Wisconsin, and Alaska.

PROFESSIONAL EXPERIENCE:

BUFORD GOFF & ASSOCIATES, INC.
1331 Elmwood Avenue
Columbia, South Carolina 29201

December 1994 to Present: Manager of the Security Electronics Department

January 1990 to December 1994: - Security Engineer and Project.

DUKE POWER COMPANY

Oconee Nuclear Station - Seneca, South Carolina

May 1983 to January 1990: Nuclear Production Engineer.

PROJECT ASSIGNMENTS WITH BUFORD GOFF & ASSOCIATES, INC.:

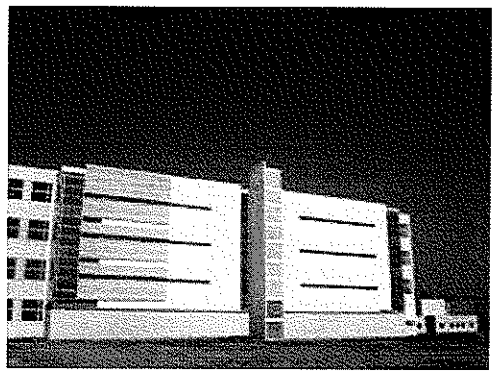
- Federal Correctional Institution – Manchester, Kentucky $63M
- Federal Correctional Institution – Cumberland, Maryland $58M
- Federal Correctional Institution – Butner, North Carolina $62M
- Federal Correctional Institution – Yazoo City, Mississippi $91M
- Federal Correctional Institution – Edgefield, South Carolina $72M
- Federal Correctional Institution – Elkton, Ohio $69M
- Federal Correctional Institution – Glenville, West Virginia $85M
- Federal Correctional Institution – Petersburg, Virginia (SHU Renovation)
- Federal Correctional Institution – Herlong, California $122M
- Federal Correctional Institution – Hazelton, West Virginia $70M
- Federal Correctional Institution – Pollock, Louisiana $91M
- Federal Correctional Institution II – Yazoo City, Mississippi $113M
- Federal Correctional Institution II – Victorville, California $97M
- Federal Medical Center – Devens, Massachusetts $77M
- Federal Medical Center – Butner, North Carolina $85M
- Federal Detention Center – Houston, Texas $35M
- Federal Detention Center – Honolulu, Hawaii $60M
- United States Penitentiary – Pollock, Louisiana $95M
- United States Penitentiary – Atwater, California $98M
- United States Penitentiary – Lee, Virginia $92M

PROJECT ASSIGNMENTS WITH BUFORD GOFF & ASSOCIATES, INC.
: (Continued)

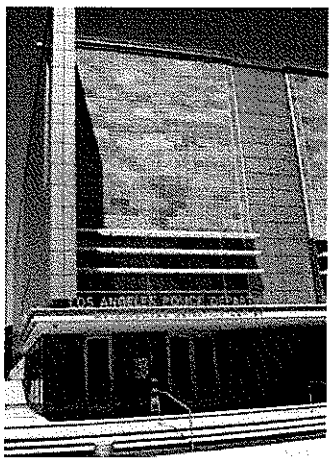
- United States Penitentiary – Victorville, California $105M
- United States Penitentiary – Big Sandy, Kentucky $139M
- United States Penitentiary – McCreary, Kentucky $115M
- United States Penitentiary – Canaan, Pennsylvania $115M
- United States Penitentiary – Hazelton, West Virginia $129M
- United States Penitentiary – Tucson, Arizona $113M
- United States Penitentiary – Marion, IL (Cellhouse Addition) $22M
- FBOP Division 17 Design Guidelines & Model Documents
- Rikers Island GRVC Facility, 500 cell addition – New York, NY
- Maplehurst Correctional Facility – Ontario, Canada
- Women's Community Correctional Center – Oahu, Hawaii
- Hawaii Youth Correctional Facility – Oahu, Hawaii $12M
- Maui Community Correctional Center – Maui, Hawaii
- Hawaii Community Correctional Center – Hilo, Hawaii
- Rikers Island Master Plan – New York, New York
- New York City Transit Authority Rail Control Center – New York, NY
- New Jersey Perimeter System Upgrades – State of New Jersey
- Curran-Fromhold Correctional Facility – Philadelphia, Pennsylvania $97M
- Pennsylvania DOC Prototype Facilities – State of Pennsylvania (Design-Build)
- Arlington County Detention Facility – Arlington, Virginia $42M
- Clifton T. Perkins Hospital Center, Phase I & II – Baltimore, MD $20M
- Caddo Parish Jail – Shreveport, Louisiana
- Ohio Department of Youth Services Secure Facility – Marion, Ohio $32M
- Connecticut Juvenile Training School – Middletown, Connecticut $35M
- NC DOC Regional Medical Center – Raleigh, North Carolina $57M
- NC DOC Central Prison, Mental Health Facilities – Raleigh, NC
- NC DOC Central Prison, Security System Upgrades – Raleigh, NC
- El Dorado Correctional Facility – El Dorado, Kansas
  (Housing Addition & SMS Upgrade) $15M
- LAC/USC Medical Center – Los Angeles, California
  ($500M hospital with detention component)
- MCF Stillwater Perimeter Systems Upgrades – Stillwater, MN $1.2M
- SC Dept. of Juvenile Justice CCTV System – Columbia, SC $1.1M
- Gwinnett County Detention Facility Expansion – Gwinnett, GA $59M
- LAPD Metro Jail – Los Angeles, CA $75M
- LAPD Emergency Operations Center – Los Angeles, CA $62M
- Wyandotte Jail Security Electronics Upgrades – Kansas City, KS $2M
- Columbia Airport Parking Structure Security – Columbia, SC $1M
- Palm Beach County West Facility Expansion – Belle Glade, FL $132M
- Maui Regional Public Safety Complex – Puunene, HI $163M

RELEVANT PROJECTS (ST MARY'S CORRECTIONAL CENTER)

- **Gwinnett County Detention Facility Addition, Gwinnett County, Georgia.** This design-build, GMP project included a 756 cell/1500 bed nine story addition and renovation of the original facility. Also included was complete upgrade of the Central Control systems and consoles. The total project construction cost was $59M and the estimated security electronics cost was $5.0M.



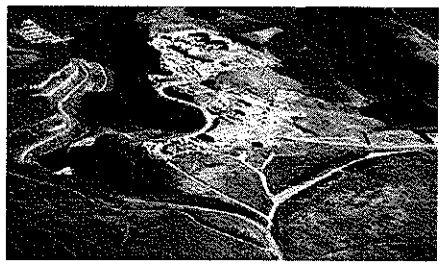
- **City of Los Angeles Metro Detention Center.** This is a 512 bed detention facility with five levels including a basement for a total of 160,000 SF. The facility includes intake and booking, an enclosed vehicle sallyport, and an extensive evidence and property storage area. Buford Goff & Associates, Inc. provided engineering services for the design of security electronics systems including CCTV, door control and monitoring, access control, touchscreens, intercom, digital video recording, watchtour, wireless duress, MATV with audio distribution to the cells, and video visitation. The estimated electronic security systems cost is $3.2M. The total project cost is $74M.



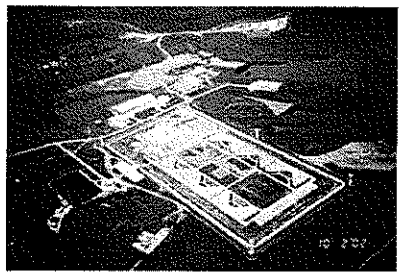
- **Federal Bureau of Prisons Design-Build Projects.** Buford Goff and Associates, Inc. has performed the Division 17 Security Electronics, Communications, and Fire Alarm Systems design for numerous Federal Correctional Institutions (FCI's) and United States Penitentiaries (USP's) under the FBOP's design-build program. Included within the engineering responsibilities are fire alarm, perimeter security, closed circuit television, telephone, door control and monitoring, paging, intercom, inmate duress alarms, telephone system, structured data cabling systems, control panels, consoles, and fiber optic cable distribution systems. These systems are integrated into a functional security management and control system. All FCI's have a rated capacity of 1152 inmates plus special housing capacity. All USP's have a rated capacity of 960 inmates plus Special Housing Unit capacity. Some of the institutions also have a Federal Prison Camp with a capacity of 128 inmates. The following is BGA's experience list of the FBOP design-build facilities:

    - FCI & FPC – Berlin, New Hampshire ($125M)
    - FCI & FPC – Mendota, California ($115M)
    - FCI & FPC– Glenville, West Virginia ($85M)
    - FCI & FPC – Herlong, California ($122M)
    - FCI – Pollock, Louisiana ($91M)
    - USP & FPC – Canaan, Pennsylvania ($115M)
    - USP & FPC – Hazelton, West Virginia ($129M)
    - USP & FPC – Tucson, Arizona ($113M)
    - FCI II – Victorville, California ($97M, includes complex administration building)
    - FCI II – Yazoo City, Mississippi ($91M)

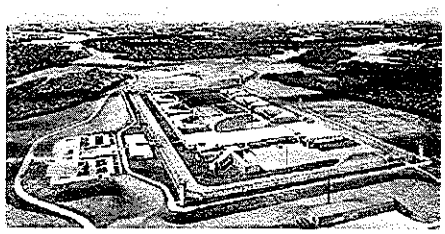
• USP – Victorville, California ($105M)



• USP & FPC – Big Sandy, Kentucky ($139M)



• USP & FPC – McCreary, Kentucky ($115M)



• FCI – Hazelton, West Virginia (Women's Facility) ($70M)