



April 12, 2012

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

RECEIVED

2012 APR 11 PM 12: 21

WV PURCHASING
DIVISION

Re: Proposal for Architectural and Engineering Service
Buyer: Krista Ferrell
Req. #: GSD126401
Opening Date: 04/12/2012
Opening Time: 1:30 p.m.

Dear Ms. Ferrell:

On behalf of Omni Associates – Architects, Inc., I am pleased to submit for your review our project team's credentials as they address the evaluation criteria for renovations to Building 4 of the West Virginia State Capitol Complex. It is always a pleasure to work on special projects within our State, and we would be honored to help realize this project on time and within budget.

Omni Associates - Architects has been recognized for outstanding architectural services. We have successfully demonstrated the ability to collaborate with project committees from around the state, and we have a team of designers and engineers ready to provide services for the specific needs of this project. I am pleased to include **Omni Associates – Architects, H.F. Lenz Company, and Terradon Corporation** in our design team. This team shares an outstanding record of project collaboration that would bring a broad and deep level of expertise to this renovation.

Omni's experience with projects similar to yours includes an ongoing project with Kanawha Valley Community and Technical College. This phased project began with our evaluation of an existing 196,000 square foot building. We then developed retrofit alternatives for the existing building and assisted the Owner with selection of a preferred scheme, determining the scope of work, and preparation of a preliminary construction cost estimate as well as a design and construction schedule. The project is being constructed in three phases in order to rotate three separate tenants while space is being renovated.

As Omni's Principal-in-Charge, I will guide the team and serve as the point-of-contact throughout the project's duration. We are a proven team that listens, produces a quality product, and provides professionalism and attention to detail from the first sketch to the completed project. We are committed to being responsive and meeting established deadlines.

Thank you for giving us the opportunity to present our credentials. We would enjoy the opportunity to personally meet with you and the balance of the selection committee and discuss our professional experience in greater detail.

Best regards,
OMNI ASSOCIATES – ARCHITECTS, INC.

Richard T. Forren, AIA, NCARB
Principal

State of West Virginia General Services Division Building 4 Renovations—GSD 126401



Proposal

Omni Associates – Architects, Inc.

1543 Fairmont Avenue, Suite 201
Fairmont, West Virginia 26554

Voice.304.367.1417

Facsimile.304.367.1418

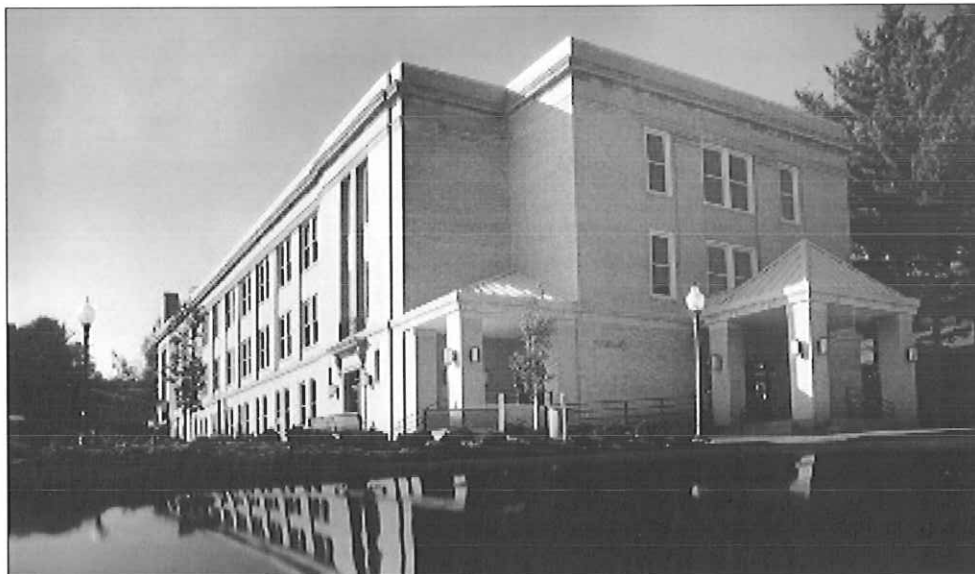
Email: dave@omniassociates.com

World Wide Web: www.omniassociates.com



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Project Understanding and Approach

Omni Associates – Architects, Inc. has a successful history of designing intimately with each client and working out collaborative solutions that meet the goals of the project, resulting in an impressive record of customer satisfaction. We provide clients with the results they value most: innovative designs consistent with the building program, cost effective designs which meet the budget, and efficient management to provide on-time deliverables and completion.

We listen, then lead, translating your wishes and needs to hardscapes that not only meet your current needs but will be manageable, flexible and timeless.

Architectural programming is a critical step in the design process. Programming includes value identification, goal setting, discovery of related facts, and development of specific project requirements. Owners recognize the benefit of programming services with buildings that better serve their needs.

For renovation projects, our evaluation involves the visual inspection of existing conditions. An assessment report, including evaluation of existing conditions and defects, a description of the present systems, recommendations, and an estimate of budget/cost implications is provided to assist in the decision-making process. We then develop a list of applicable solutions that can be considered. These options are compared on a qualitative and quantitative basis.

Our team understands the importance of coordinated discussions of all building disciplines in the Schematic Phase. This allows for the exploration of all potential solutions in a parallel manner so that the project can proceed through design and construction with a consistent set of goals.

Your project shall be a unique design derived from strategic planning recognizing the site context along with the design input of all the participants.

Our dedicated and experienced staff brings a unique level of ingenuity to every project. Omni organizes its staff into several teams or “studios.” A specific project team is established for each commission. Studio resources are combined for larger projects. Younger staff members bring a fresh perspective and gain valuable knowledge under the guidance of more experienced staff. Utilizing this approach, we are able to effectively manage and perform multiple task orders of any size.

Omni Associates – Architects carefully selects our project teams based on each member’s ability to add directly-related experience, ensuring our ability to meet the specific challenges and goals of each project. The project team, including the principal-in-charge, actively participates in the project from start to finish. The same professionals who develop an understanding of your needs in programming generate design alternatives, oversee the production of construction documents, and implement the concepts during construction. The consistency afforded by this approach allows us to respond expeditiously and cost effectively to our client’s needs.

Omni’s services extend well beyond architectural design. We have advised many clients in areas of Building Code compliance, Project Life Planning, Cost Estimating and Professional Presentation Preparation. We endeavor to help our clients develop strategies before design and long after construction completion.



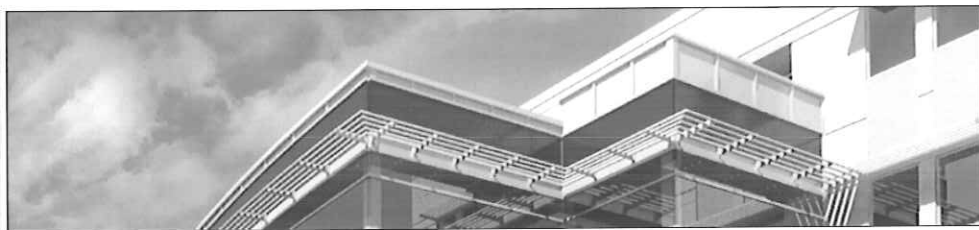
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Project Team Qualifications

Omni Associates – Architects carefully selects its project team based on each member's ability to add directly-related experience, ensuring our ability to meet the specific challenges and goals of each client. The Omni project team goes beyond our in-house staff to include consultants, client representatives, owners, and a construction manager, as required. The involvement of project team members in all phases and facets of a project allows us to combine broad experience and personal accountability. It is the mutual respect of each team member's skills and perspectives that enables the design process to conclude with a successful project of which we all can be proud.

It is these sensitivities that have dictated the creation of this team to include Omni Associates - Architects, H.F. Lenz Company, and Thrasher Engineering.

The following is an introduction to our proposed design team. More detailed information, including resumes and relevant project experience, about each of our team members is included in the following sections of our response.



Omni Associates - Architects has created a team of designers and engineers who provide services for the specific needs of this project which includes compliance with performance schedules.

Omni Associates – Architects, Inc.

Lead Architect

Omni Associates will serve as the lead firm and coordinator of architectural and engineering services for your project. Omni has extensive experience with planning, design, program/project management, and construction administration.

In order to guarantee a constant level of dedication and commitment, it is Omni's philosophy that a principal remains with the project from commencement to completion. The primary responsibility of the Principal-in-Charge/Project Architect is to develop the overall concept of design and perform technical tasks including: Project space programming; Schematic layout of functional spaces; Aesthetic design and development; Concept and coordination of building systems; Preparation of bidding documents and material specifications; Project management, and Construction administration.

Omni will provide the link to all communications with regard to interdisciplinary reviews, sub-consultant and contractor coordination, state agency review and inspections, and will act as the control point to ensure that your goals and requirements are met. This is critical as project goals are typically not fixed but evolve throughout the design and construction process as new information is gained. It further ensures that operation and maintenance issues are incorporated into the design documents.

Because Omni works "hands-on" with the stakeholders of a project, contact is immediate. All stake-holders are involved throughout the entire project schedule, allowing for continuous evaluation. Decisions are made in an ongoing process that avoids reworking design documents, which can lead to loss of time and money.



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H.F. Lenz Company

Structural Engineering
Mechanical, Electrical and Plumbing Engineering
Equipment and IT Planning

H.F. Lenz Company is a Pennsylvania-based firm offering a full range of engineering services for building systems, infrastructure, and industry. Their projects span the nation, with the heaviest construction in the Northeast, and exceed \$300 million in MEP construction annually. Each market sector—corporate, government, health care, education, and industry—is served by a team of specialists who understand the unique needs of the client.

H.F. Lenz Company is organized into several multi-discipline design teams that are dedicated to specific market types or project types. Our leadership and management philosophy provides control of all design and administrative activities by the Principal-in-Charge (PIC), whose talents and experience are matched to the needs of the Client. The PIC provides leadership and client contact, and commits the resources required for excellence in the project. Each team has the necessary resources and multi-discipline staff—HVAC, electrical, plumbing, and fire protection/life safety—to successfully complete both small and large projects. Our clients benefit from this approach since the team is focused, experienced, and dedicated to one type of project — **the client's project**.

We believe the most successful projects are those in which the Owner, Construction Manager, Contractor, Architect, Engineer, and other Project Consultants recognize each other's assets. This collaborative environment draws upon the collective intelligence of the entire project team, while supporting the Owner's values and corporate culture.

The H.F. Lenz Company currently employs 175 people between our three office locations, this includes 44 Professional Engineers registered in a total of all 50 states and the District of Columbia, and 19 LEED® Accredited Professionals.

Terradon Corporation

Civil Engineering

Terradon Corporation offers a wide range of civil engineering and environmental services, and is particularly suited to land and infrastructure design and development in the mountainous areas of West Virginia and the Eastern United States. Formed in 1989, its staff includes engineers, landscape architects, surveyors, land planners, environmental scientists, designers, and technicians. The firm has built its reputation by providing cost effective design solutions and maintaining the highest level of customer service.

Because of the extent of services they offer, Terradon is regarded as one of the region's leading land and infrastructure planning and design firms. Terradon has vast experience working in the challenging mountainous terrain of West Virginia. Established relationships with government agencies facilitate the permitting process. Terradon understands that for the owner, time is money.



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Technical Competencies

Omni Associates – Architects, Inc. is an award-winning architectural firm located in Fairmont, West Virginia. Since its inception in 1980, Omni has earned recognition as a specialist in the programming, planning, and design of a wide variety of facilities including education facilities, healthcare facilities, commercial offices, high technology centers, and military facilities.

Omni's professional staff is comprised of dedicated, experienced, and creative individuals. Our skilled team includes **5 registered architects**, intern architects, computer-aided design specialists, and knowledgeable administrative support staff. Their quality, expertise, and dedication integrate to produce the solid foundation upon which Omni has built its reputation.

BIM: Building Information Modeling



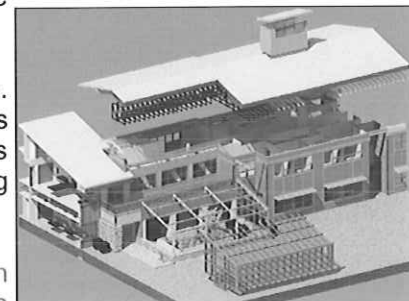
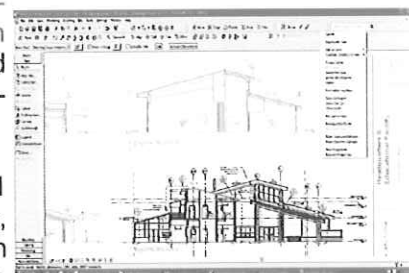
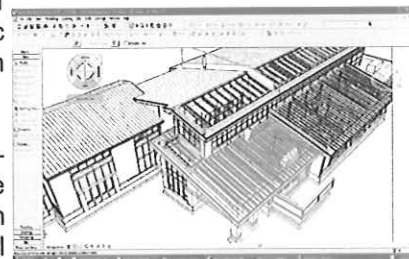
Omni is committed to continually upgrading existing technology and driving the evolution of design tools. This commitment springs from the firm belief that the responsible use of technology facilitates innovative design, results in economic benefits for our clients, and assists in efficient communication with clients and consultants.

In 2006, Omni Associates first considered the transition from traditional CAD software to Autodesk REVIT Building Information Modeling (BIM). We recognized the benefits to both designers and owners of sharing a model among all of the design disciplines: more efficient, cost-effective projects, and an accurate building model that can later assist in energy analysis and building management. Omni implemented the use of BIM (REVIT) as our primary software platform for all projects in 2006. As an authorized BETA software tester for Autodesk, Omni was provided the opportunity to test next generation software before it was released to the general public.

Omni staff member Reuben Losh is now an Autodesk Revit Architecture 2011 Certified Associate. Omni is proud to show that we don't just use Revit software, but we are adept at using it and can provide skilled support as needed. Mr. Losh plans to test soon for the next level of certification, Autodesk Revit Architecture 2011 Certified Professional.

Obviously, using the latest computer software does not guarantee good design. Good design is built upon having a complete understanding of the client's needs and the knowledge & experience to create a space which addresses those needs in an elegant and practical manner. We see BIM as an advanced tool in making that goal a reality for each project that we undertake.

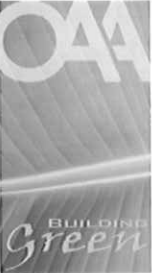
In utilizing BIM on these recent projects, we have found that creating a building in the virtual world before constructing it in the "real" world allows the design team to anticipate conflicts and objections before they arise, eliminating many issues which could result in project change orders or Requests For Information from the contractor. Sharing the model between all disciplines as the design progresses allows early input from all of the design professionals involved, resulting in efficient designs. With a virtual model of the building, clients can clearly see the design intent as the project progresses and design options can be explored with greater ease than ever before.



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LEED® (Leadership in Energy and Environmental Design)



The LEED Green Building Rating System provides standards for environmentally sustainable construction. LEED Accredited Professionals demonstrate a thorough understanding of green building practices and principles and familiarity with LEED requirements, resources, and processes. Omni Associates currently has two LEED Accredited Professionals. Terradon Corporation and Tower Engineering also include LEED Accredited Professionals.

Canaan Valley Institute's new 28,866 square feet headquarters and education facility located in Davis, West Virginia serves as a center for research into water and wastewater issues. In accordance with CVI's mission, the Omni design team planned a "green" building that demonstrates environmentally friendly systems to visitors. It is among the first conference facilities in West Virginia to achieve Silver LEED® Certification.

Omni is also the Architect for the Mon Power Regional Headquarters in Fairmont, West Virginia. The new construction project has recently been LEED™ Certified.



Our current LEED projects include:

- ◆ WVARNG Fairmont Armed Forces Readiness Center—Following LEED standards but will "self-certify".
- ◆ GSA Fairmont Office Complex—Seeking Certification under LEEDv3
- ◆ GSA Charleston Office Complex—Seeking Silver Certification under LEEDv3

Tower Engineering also takes great pride in implementing environmentally conscious solutions to building issues. Tower designs building systems that use material, energy and water resources efficiently, minimize site impacts, and address health issues relating to the indoor environment. In addition to being a member of the U.S. Green Building Council, Tower Engineering's staff includes LEED Accredited professionals.



Electronic Submission of Project Documents

Since 2007, Omni has utilized a web-based solution for secure file storage and project team collaboration. The site employs a simple and intuitive interface, similar to social networking sites, that is much easier to navigate than an FTP site. This encourages communication between team members while leveraging the security of data encryption and controlled access. This tool supports building information modeling (BIM) workflows and can be used throughout all phases of a project for such tasks as file storage, RFI and Shop Drawing management, and project milestone tracking. Since these processes are electronic, the time it would take to mail or fax documents is eliminated and project information is centralized. Project information is hosted on secure third-party servers, which means that it is available to team members from wherever they have internet access. The Owner and Architect work together to determine to whom and to what extent site access is given.

Bidding and Construction Administration Services

Omni provides construction administration services on all of the projects we undertake. We also provide full bidding services on all projects utilizing the traditional design-bid-build delivery method. We organize your entire project in advance of bidding and work extensively with you to achieve alternates to program goals. Construction documents are prepared and bid to multiple general contractors to achieve competitive pricing.

Cost Estimating

We take pride in our approach to solving our client's aesthetic goals while meeting budgetary constraints. **Public bids for our three most recent projects have come in at or below project budgets.** Omni utilizes several methods of cost estimating to assist our clientele in project budgeting. Whenever possible, Omni utilizes historical data from previous projects. Often, we work with leading construction firms in our region and seek their professional guidance in project cost estimating. They evaluate a set of progress prints provided by our firm to determine estimated construction costs. We also subscribe to construction-estimating periodicals such as *Means Square Foot Costs*. These resources provide reliable costs of construction for various construction types.

Time and Budget

Omni has always provided timely performance on many aggressive schedules as well as funding constraints. We have successfully negotiated with contractors to keep change orders and costs at a minimum and achieve the initial time schedule. Omni Associates – Architects is a known quality provider with fifteen years of experience in performing for the West Virginia High Technology Consortium Foundation (WVHTCF) in regards to quality of work, cost control, and compliance with performance schedules. We had the unique experience of working on the WVHTCF Incubator Center project which involved four separate government agencies, each with its own quality and performance guidelines. Not only was this project delivered on-time and within the budget but many of these agencies expressed surprise in the ease of the development of the project.



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Building Code Compliance

A good working relationship with local and state building agencies is critical for a successful project. Omni has extensive experience with code compliance and we have enjoyed an exceptionally compatible working relationship with The West Virginia State Fire Marshal's office for over 25 years.

Omni Associates – Architects' design team has developed designs for numerous projects which must comply with State and Federal regulations. Such projects include working with the following Agencies: Federal General Services Administration (GSA); WV General Services Administration; Corps of Engineers; National Guard Bureau; Federal Aviation Administration; Department of the Navy, Federal EDA; WV EDA; HUD, and the WV School Building Authority (SBA).

Other sources include the WV Development Office – Small Cities Block Grants, State Revolving Fund Loan, Rural Economic and Community Development Administration (Farmers Home Administration), WV Division of Environmental Protection – Construction Grants Branch, US Department of Commerce-Economic Development Administration, Water Development Authority, West Virginia Infrastructure and Jobs Development Council, and Appalachian Regional Commission, either individually or in combination.



Recognized Project Success

We have a feed-back process in place for every stage of a project to ensure that the program needs of the client are met and that the Contract Documents reflect the intent as well as the content of the design. Owner's representatives are not only present but heavily involved with all project meetings so that any decisions to confirm or change the owner's program needs can be addressed directly during each step of construction. Omni Associates – Architects has had a successful history of designing intimately with each client and together working out collaborative solutions that meet the goals of the project. Your project, like each project we undertake, shall be a unique design that derives from strategic planning recognizing the site context along with the design input of all the participants. The process is integral and requires close communication.

Omni Associates - Architects provides clients with the results they value most: innovative designs consistent with the building program, cost effective designs which meet the budget, efficient management to provide on-time deliverables and completion. We are a proven team that listens, produces a quality product, and provides professionalism and attention to detail – from the first sketch to the completed project. These are qualities that draw our clients back – resulting in lasting relationships. That's why we enjoy a repeat client rate of more than 90% a source of considerable pride. We're confident of our reputation and expertise, and our clients are confident that they will receive superior services.



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References

Omni Associates realizes that our relationship with our clients is a vital component in the success of realizing their goals and needs. We encourage you to contact any of the following recent client references in assisting you with your selection of a professional architectural firm.

Client	Contact
First Energy 800 Cabin Hill Drive Greensburg, PA 15601-1689	Ms. Linda Moss General Manager, Substations 301.790.6413
West Virginia HighTechnology Consortium Foundation 1000 Technology Drive, Suite 1000 Fairmont, WV 26554	Mr. Brad Calandrelli Facility and Property Program Manager 304.366.2577 ext. 233
West Virginia Army National Guard Board 1707 Coonskin Drive Charleston, WV 25311-1099	BG Melvin Burch Div. of Engineering & Facilities, Army 304.561.6450
City of Fairmont 200 Jackson Street Fairmont, WV 26554	Mr. Jay Rogers City Manager 304.366.6211
Fairmont State University Locust Avenue Fairmont, WV 26554	Mr. Tom Tucker Assistant Director of Facilities 304.367.4139

"...this (West Virginia High Technology Consortium) is indeed an important economic development project for West Virginia, and I wish to thank Omni Associates for the predominant role that they played in making this endeavor, as well as many other significant projects across the state, a reality..."

Robert C. Byrd
United States Senate

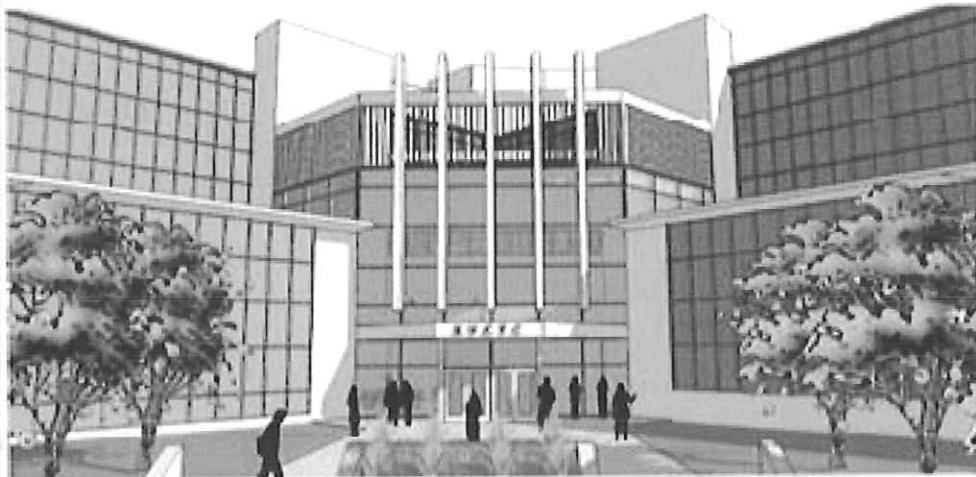
"You have been an excellent team player, and we surely appreciate the quality of the building (Fairmont State University Education and Health Careers Building) you helped develop."

Robert J. Dillman
Former President
Fairmont State University



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Kanawha Valley Community and Technical College & West Virginia Higher Education Policy Commission



One goal of recent higher education reform is to create a stronger community and technical college system able to provide specialized industry training as well as general college level education curriculum. In order to better facilitate that vision, Kanawha Valley Community and Technical College needed a new Headquarter Building to serve as its flagship structure and provided state-of-the-art space for administration, student services, current program offerings and future program expansion.

Phase I of the project was an in-depth evaluation of the existing 196,800 sf Dow Chemical Building to determine its suitability for continued use as a community and technical college with office space for an existing tenant. The initial evaluation included building codes compliance, ADA accessibility, building envelope analysis, MEP analysis, an existing conditions report, and conceptual energy calculations. Phase II was the development of retrofit alternatives for the existing building to house KVCTC utilizing a revised 85,925 square feet program. Services provided included the development of base plans of the existing facility, schematic design alternatives, assisting the owner with selecting a preferred scheme, determining the scope of work, preparation of a preliminary construction cost estimate as well as a design and construction schedule.

One challenge with this project, which is currently under construction, is that the project funding is coming from two different sources requiring separate Schedules of Value and Applications for Payment. Additionally, the project is being constructed in three



phases in order to rotate three separate tenants while space is being renovated. KVCTC is scheduled to occupy the new space by January 2012. Project completion is scheduled for September 2012.



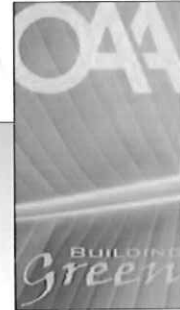
Kanawha Valley Community and Technical College & West Virginia Higher Education Policy Commission Headquarters
Institute, West Virginia

KVCTC Renovation: 70,953 sf
KVCTC Addition: 14,174 sf
HEPC Renovation: 124,692 sf

KVCTC: \$11,350,000.00
HEPC: \$13,830,000.00
Total Budget: \$25,180,000.00

Scheduled for Completion in
September, 2012

Mon Power Regional Headquarters



Prior to its merger with First Energy, Allegheny Energy selected Omni Associates – Architects via a competitive selection process to provide all Architectural and Engineering services for its new transmission operations headquarters in Fairmont, West Virginia. Now the Mon Power Regional Headquarters, the environmentally friendly facility is located on a 9-acre parcel of land in the I-79 Technology Park.

Completed in September 2010, the state-of-the-art facility serves as the center for multi-state energy transmission functions, including around-the-clock management of the electric grid. The building houses the Transmission Operations Control Center, a Data Center, Class A commercial office space, and all associated electrical, mechanical, and support facilities. The Transmission Operations Control Center and Data Center was constructed to meet a site infrastructure performance rating of Tier III. The new construction project is LEED® (Leadership in Energy and Environmental Design) Certified.

Services provided by Omni include site selection assistance and development services, architectural design services, civil, structural, mechanical, and electrical engineering services, bid document development, construction contract administration services, and post contract administrative services. According to Allegheny Energy's Linda Moss, Director, Ops Support and Project Manager for the building, "Omni has been an integral part of this entire process. The architects worked quickly to assess our needs and develop the frame work for this building and worked closely with us to ensure the final product would be efficient as well as beautiful. The team environment encouraged a collaborative effort to meet our specific needs."



Mon Power Regional Headquarters
Fairmont, West Virginia

Construction Cost: If required, construction cost can be obtained by contacting owner's representative as listed below.

Construction Method: Design-Build

148,000 Square Feet

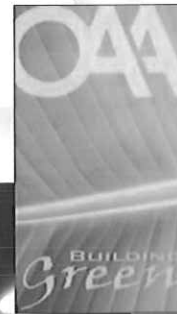
- Transmission Operations Control Center
- Data Center
- Class A commercial office space

Contact: Ms. Linda L. Moss
Address: 800 Cabin Hill Drive
Greensburg, PA 15601-1689
Phone: 301-790-6413
Email: lmoss@alleghenypower.com

The "LEED® Certification Mark" is a registered trademark owned by the U.S. Green Building Council and is used with permission.



Allegheny Energy Transmission Building and Operations Center



Allegheny Energy Transmission Building and Operations Center

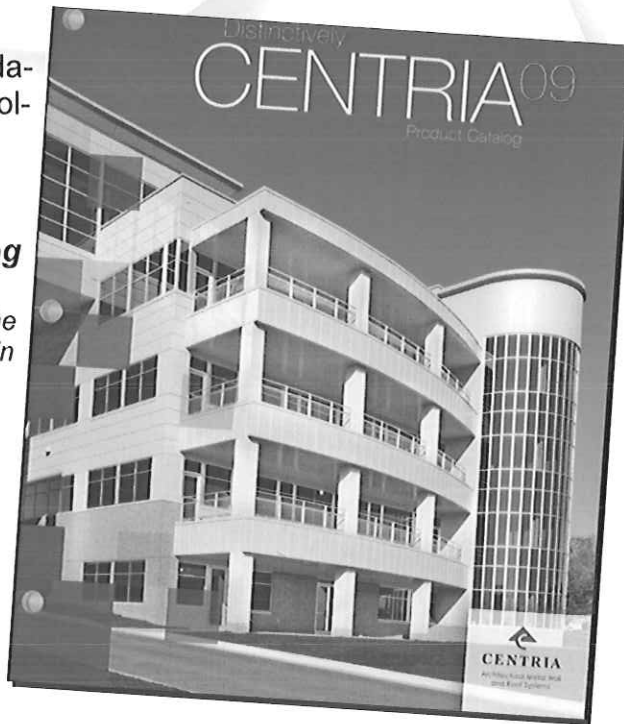


**The West Virginia High Technology Consortium Foundation
5000 NASA Boulevard**

West Virginia High Technology Consortium Foundation
5000 NASA Boulevard has been featured in the following periodicals:

CENTRIA 2009/2010 National Product Catalog

5000 NASA Boulevard was selected for the cover photograph of the CENTRIA 2009/2010 product catalog. Centria is a national leader in manufacturing architectural metal wall and roof systems.



West Virginia Executive Magazine
VOLUME III 2008



Featured as one of ten examples of "Awe Inspiring Architecture"

"The new towers at the Technology Park in Fairmont, WV are an outstanding addition to an already exceptional park; the towers were put in place by the West Virginia High Technology Consortium Foundation (WVHTC). Site work began in the fall of 2005; the buildings themselves are approximately 130,000 square feet and cost \$24 million with 95 percent of the workers coming from West Virginia. The buildings sport a 6,000-square-foot conference center that spans the top of the towers and connects the two buildings with 5,700-square-foot working balconies and 2,200-square-foot roof-top gardens.

The view from the conference room on the fifth floor is one of the best in the state with the ISR building, the NASA building and the Innovation Center all in view."



DCD Magazine

Published project: DCD Magazine (Design Cost Data)
September - October 2009



The West Virginia High Technology Consortium Foundation 5000 NASA Boulevard



5000 NASA Boulevard stands as the newest addition to the West Virginia High Technology Consortium's I-79 Technology Park located in Fairmont. The mission of the Consortium is to "foster growth and instill sustainability" in this new technology sector. With that in mind, the architect was tasked to design two multi-tenant structures to fit within the context of the Technology Park.

The architect's concept was to prominently position the two structures on a long narrow site in which visibility was limited to twenty-five percent of the total site; however, placing two structures in such close proximity to one another would not contextually be the solution for this park.

The solution was to consolidate the separate structures so they both could be prominently displayed. Visibility from the extensively traveled I-79 corridor was a determining factor in the design consideration. This established two distinctive facades. The front façade displays the building's visual images, features, and materials,

not only fit within the context of the park but are also in keeping with the image of a technology structure. This façade displays the prominent features of the building including glass-encased semi-circular tower elements and east facing outdoor balconies. The advantage of outstanding scenic views and provide outdoor opportunities for employees at every floor along with 2,200 square feet of rooftop gardens. The rear features more utilitarian elements with main entrances and adjacency to the building.

The primary form of the building is two distinctive structures of a rectangular configuration defined by various curved forms. A large bifurcated curve delineates the outdoor bal-



**The West Virginia High Technology Consortium Foundation
5000 NASA Boulevard
Fairmont, West Virginia**

130,000 Square Feet
\$18 Million: Building
\$2 Million: Site



The West Virginia High Technology Consortium Foundation 5000 NASA Boulevard



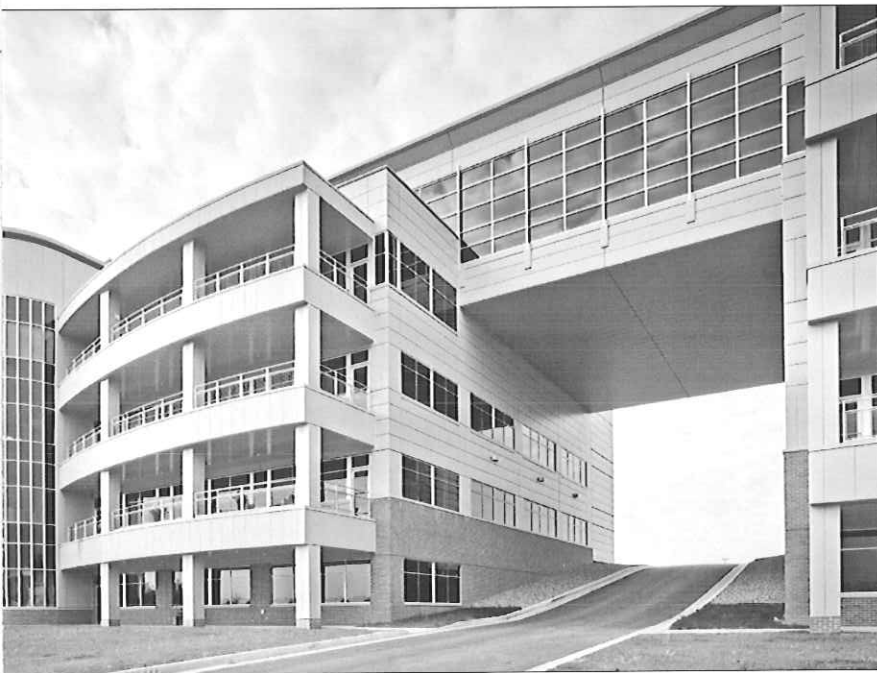
conies while the multi-story glass-encased semi-circular component provides symmetrical featured elements. The two structures are physically connected on the fifth floor by a 6,000 square foot bridge-like conference center that further strengthens the primary form and creates an approach that provides visual depth as the roadway to building access and parking passes through the structure itself. The structure is situated on the site so that parking is concealed and the aesthetic impact of the façade is maximized.

Metal panels were selected as an exterior wall system in order to create clean lines and texture representative of technology. The effect is a 21st Century look that reflects the aspirations of the owners while complementing the existing buildings in the technology park. The panels consist of 22-26% recycled content and are 100% recyclable. As an additional benefit, their superior insulation system reduces overall energy consumption in the building.

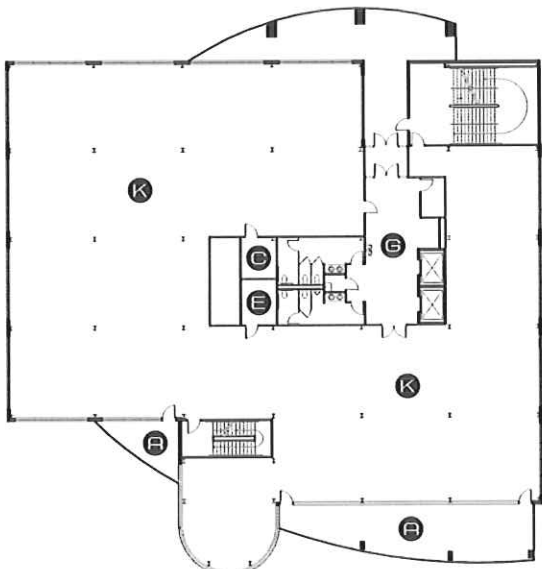
The architect's commitment to innovation and creativity is reflected in this unique design which also allows for flexibility in the interior spaces in an ever-changing technology market.



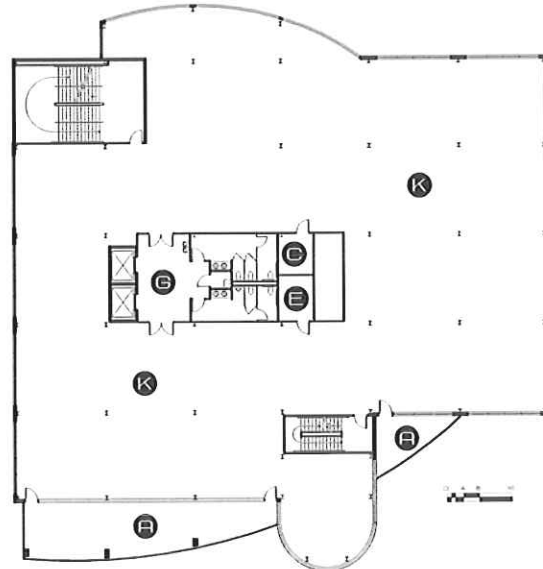
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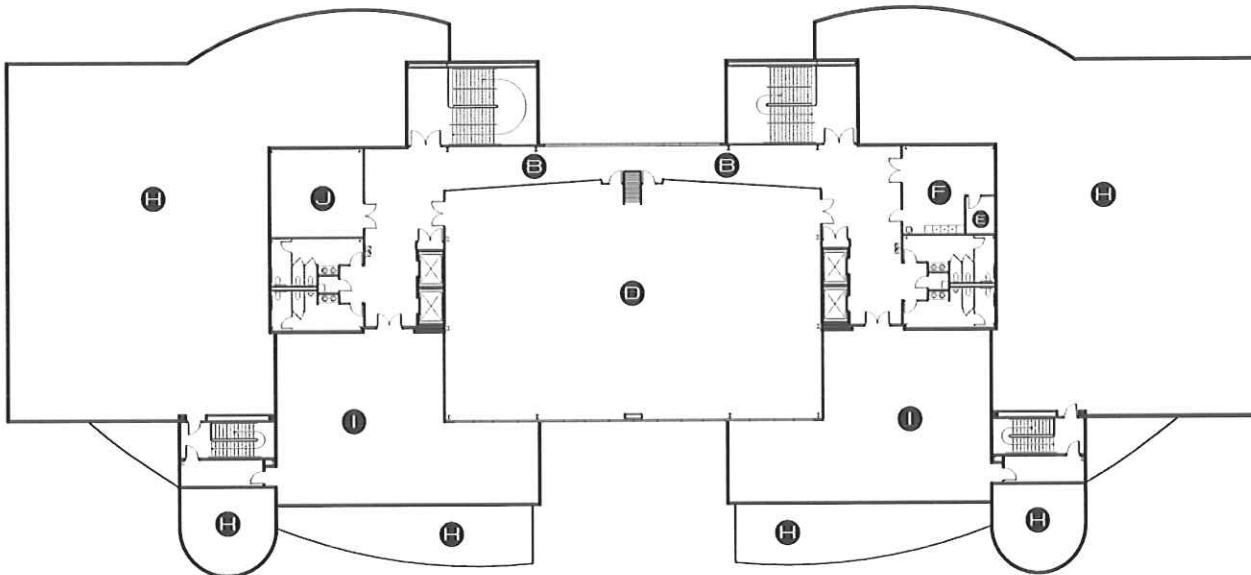


2nd Floor South Tower -Typical



3rd Floor North Tower -Typical

- | | | |
|--------------------------|---------------------------|-------------------------------|
| A Balcony | E Electrical | I Roof Garden |
| B Break-out Area | F Food Preparation | J Storage |
| C Communication | G Lobby | K Tennant Office Space |
| D Conference Room | H Roof | |



5th Floor - Conference Center



West Virginia High Technology Consortium



**West Virginia High
Technology Consortium**
Fairmont, West Virginia
110,000 Square Feet



The West Virginia High Technology Consortium Foundation's 110,000 square foot center for high technology innovation is prepared to respond to the exponential growth of technology-oriented industry in West Virginia. The WVHTC Innovation Center is located in the Marion County Business and Technology Park, Fairmont, WV. The facility, situated on approximately 10 acres of a 26-acre parcel within the park, is adjacent to NASA's IV & V facility and is highly visible from Interstate 79.



The WVHTC Innovation Center facility houses the administration offices of the West Virginia High Technology Consortium, a non-profit corporation and world class high-technology incubator center providing assistance to high-technology member companies throughout the Mountain State and beyond. The center also facilitates major anchor tenants, headquarters for additional member companies and space to accommodate additional consortium firms as well as successful enterprises which have "graduated" from the incubator center.



"The flagship of the Mountain State's Flourishing technology sector and is the backbone for further infrastructure..."
www.wvhlf.org



West Virginia High Technology Consortium



The Innovation Center's objective is to allow emerging high technology companies to benefit significantly from the facility's close proximity to NASA and the two major aerospace companies located in the immediate vicinity as well as other federal agencies maintaining a presence in the region and their prime contractors.

The economic landscape of north central West Virginia is experiencing a fast changing contour. Through this economic evolution, traditional mineral-extraction and manufacturing companies, once the mainstay of the area's economy, no longer sustain the employment base of past years. Supporting these industries are emerging companies whose mission is focused on product and service technologies for the federal government, commercial, and global markets.

Local federal agencies include sophisticated technology based organizations like the Federal Bureau of Investigation, NASA, NIOSH, the Department of Defense, and the Department of Energy. The market needs for new technologies to serve these organizations are wide-ranging and include technology systems to serve the criminal justice information industry, software technologies to serve the experimental aircraft and space industries, energy and environmental technologies to serve the nation's power generation systems, and other specialized technology based services.

Congressman Alan B. Mollohan was the early advocate for businesses wishing to operate in this new high technology environment. In 1990, Congressman Mollohan created the West Virginia High Technology Consortium (WVHTC). The Consortium originally had six member companies, and has grown to an affiliate membership of over 150. The Consortium offers its member companies educational, promotional, and technical assistance.

As the Consortium grew and became more diverse, the WVHTC Foundation was formed in 1993. The organization is dedicated to leading the development of high technology industries and research facilities in West Virginia through advanced technology based research, development, and educational initiatives.

In order for this technology transformation to succeed, the Foundation is coordinating the combined efforts of government agencies, local businesses, and academia. From Silicon Valley to Huntsville, from Austin to Boston - all communities where technology sectors have emerged - academic institutions, government agencies, and businesses working together have generated the most productive economic regions. This model provides the basis for WVHTC Foundation operations.

-Source: www.wvhtf.org



City of Fairmont, West Virginia Public Safety Building



After nearly a decade of effort trying to modernize its 100-year-old public safety buildings, the City of Fairmont selected Omni Associates - Architects to help realize its goals.

The services performed by Omni included the development of a building program and an analysis study to determine the feasibility of utilizing an existing structure versus erecting a new structure on various sites recommended by Omni. Ultimately, the decision, including the Owner, decided to utilize an existing structure located at 500 Main Street in Downtown Fairmont. The building originally housed a department store, which has long since been vacant.

The development of the Building Program involved in-depth functional and spatial studies of the building and its component spaces. This required extensive discussion with the Police Chief, Fire Chief, and Department heads as well as various police officers and firefighters. Many alternatives were investigated and prioritized including design flexibility, public image, location in downtown, maneuverability of fire apparatus, public zones, secure zones, and the morale and morale of the officers and firemen. These considerations along with budget constraints, construction materials and schedule combined to complete the total building program.

The 38,700 square foot renovated facility appropriately stands on a hill overlooking the Downtown Fairmont area. It houses the Fire Administration and Central Station of the Fairmont Fire Department, the entire Fairmont Police Department, and the Municipal Office as well as several administrative offices.

Fairmont Public Safety Building

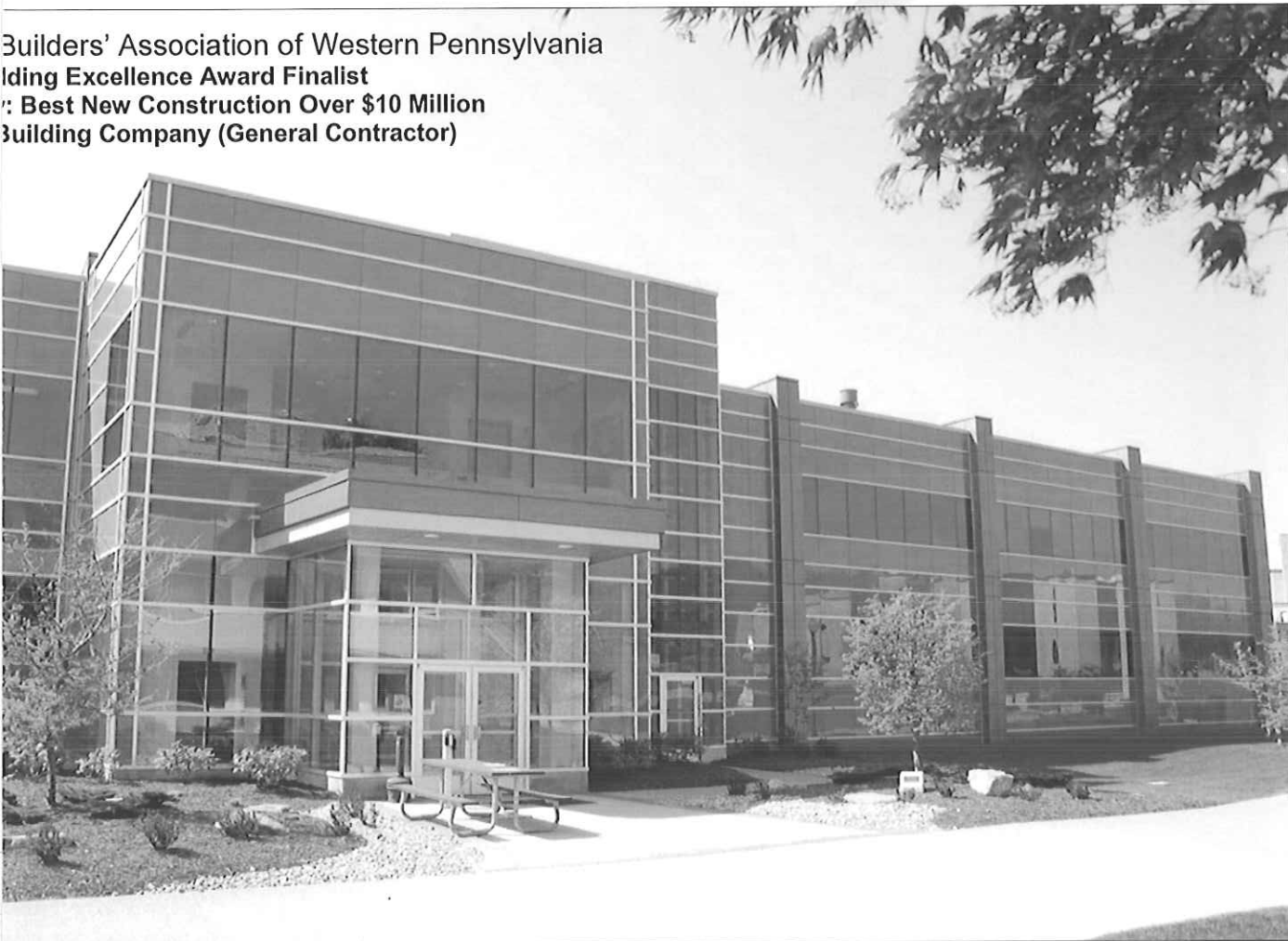
City of Fairmont
Fairmont, West Virginia

Renovation and Adaptive Reuse
38,700 Square Feet
Construction Cost: \$2,900,000.00

Main Street West Virginia
2007 Best Exterior Renovation Project

Engineering Technology Building Addition at Fairmont State University

Builders' Association of Western Pennsylvania
Building Excellence Award Finalist
Best New Construction Over \$10 Million
Building Company (General Contractor)



Associates – Architects teamed with The Design Alliance to provide architectural services to Fairmont State University in order to renovate and double the size of existing out-dated educational facility. The new \$15 million addition involved extensive renovation of the existing two-story Technology Wing of Wallman Hall. Two stories and about 40,000 square feet have been added above the existing building, which encompassed 40,000 square feet of technology labs and classrooms.

The design team was also charged with the task of modernizing a dated façade to complement the massive renovations and upgrades recently completed on the campus. This glass and metal panel addition transformed the look of the existing brick and masonry structure and reoriented the main entrance of the facility.

The new facility houses programs for drafting/design engineering technology, graphic technology and mechanical, civil and electronics engineering technology and occupational safety. It features two large lecture rooms, which are used by multiple departments, and about 12 smaller laboratory classrooms. The building opened for classes in January 2008.

Fairmont State University is part of the West Virginia's growing high technology corridor with a metro area of about 50,000 residents. With an enrollment of 4,600, FSU offers more than 90 baccalaureate degrees and graduate programs in business, criminal justice, education and human services.

Engineering Technology Building Addition at Fairmont State University Fairmont, West Virginia

Construction Cost: \$15 Million

Existing: 40,000 square feet
Addition: 40,000 square feet



Feaster Center Renovations at Fairmont State University



Recognizing that equal access to all campus facilities was essential for garnering the support of alumni and friends, Fairmont State University commissioned Omni Associates to transition the Feaster Center into an ADA accessible facility. The building houses the Joe Retton Arena, the Department of Health and Human Performance, and the Athletic Offices. The renovation project included the addition of an exterior design element at the main entrance that created a first-floor entrance, incorporated an elevator, and provided Athletic Offices with a sweeping view of the football field. Interior renovations included moving the athletic trainers' facility to a larger space that included whirlpools and additional taping stations. Air handling units were replaced, upgrading the HVAC system. As the venue for the Falcons' basketball games, as well as other university and community events, maximizing the building's accessibility for spectators and other users also meant moving Fairmont State athletics forward.

Feaster Center Renovations & Additions at Fairmont State University Fairmont, West Virginia

ADA Entrance/Elevator:
3,000 square feet

Other Interior Renovations:
2,600 square feet

Construction Cost:
\$1,300,000.00

Completed in 2009



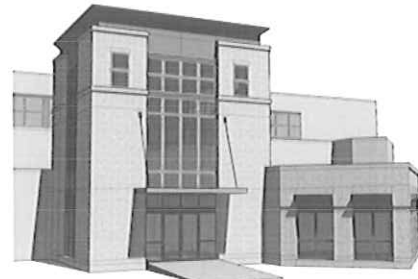
Ruth Ann Musick Library Renovations at Fairmont State University



Ruth Ann Musik Library Renovations & Additions at Fairmont State University Fairmont, West Virginia

Renovation:
1st Floor: 4,428 square feet
2nd Floor: 2,531 square feet
3rd Floor: 466 square feet
Total Renovation: 7,425 square feet

Addition:
1st Floor: 1,730 square feet
2nd Floor: 1,502 square feet
3rd Floor: 1,648 square feet
Total Addition: 4,880 square feet



The Ruth Ann Musick Library Renovations at Fairmont State University

1973, Fairmont State University's enrollment increased by 48 percent and the curriculum and programs have expanded significantly. The Library was previously housed in a 100,000 square foot facility that was renovated and expanded in 1973. However, the expansion was short of meeting the College's needs. With the advent of the Community and Technical component in 1974, program offerings increased fivefold to approximately 40 distinctifiable programs. Besides being woefully short of "book" space, the library's greatest need was additional people space that would enable students to utilize the technology that is available. Additionally, the facility needed to be reconfigured to user needs by establishing a design that encouraged usage.



As a result of the renovation, the entrance was relocated from the second floor to the first floor. The Library was expanded by approximately 5000 square feet to accommodate an Internet cafe/lounge, computer service units such as an Internet help desk, and a printing/photocopy service center. Multi-media classroom areas were also upgraded.

The renovation to the Library also addressed campus-wide ADA accessibility compliance. Although the campus elevation rises 300 feet from the entrance on Locust Avenue to the football field, creative planning by Omni Associates has made it possible for persons with disabilities to access the majority of the inner campus without encountering major obstacles. Students now have ground level access to all buildings that make up the academic core of the campus.

The renovation and renovation includes:

Increased accessibility that allows for greater utilization of technology in the delivery of Library Services.

Created a more user friendly facility by establishing informal areas (e.g., Internet Café, Computer Lounge) for Library usage and by increasing overall accessibility to campus information resources.

Created quiet areas for library services, media service and Internet user services.

Expanded to provide supplemental services that enhance library usage, e.g., Internet help desk, photo copying/printing service center, etc.

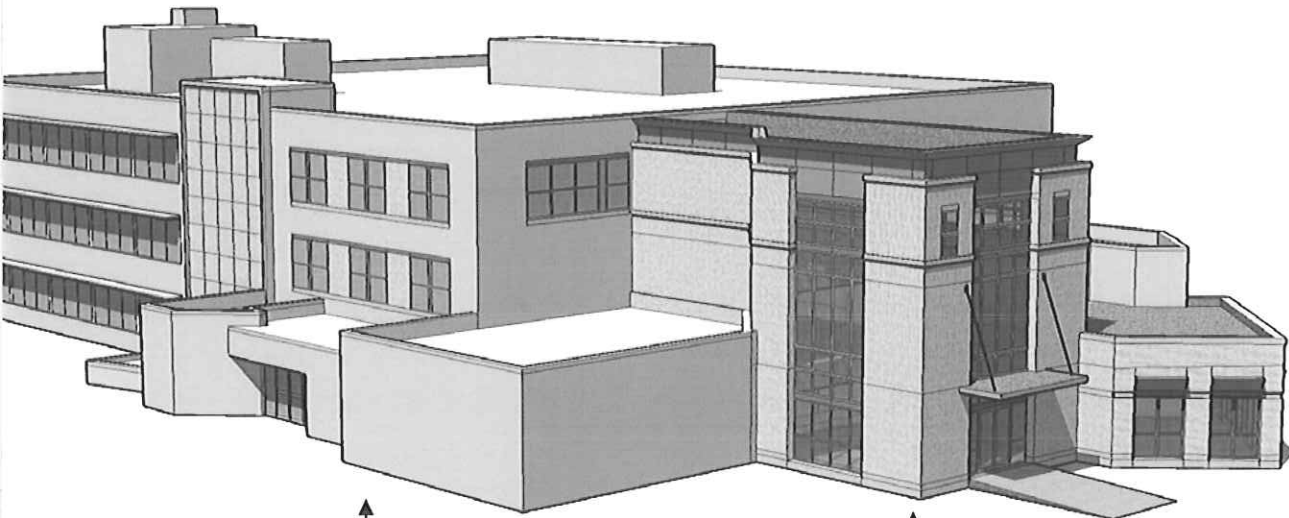
Increased accessibility that can be oriented to twenty-four hour usage.

Increased accessibility that will not only serve the college community more effectively but also the public schools and general public.

Created a landmark ADA compliant, wheelchair ground level access to buildings located in the academic core of the campus.

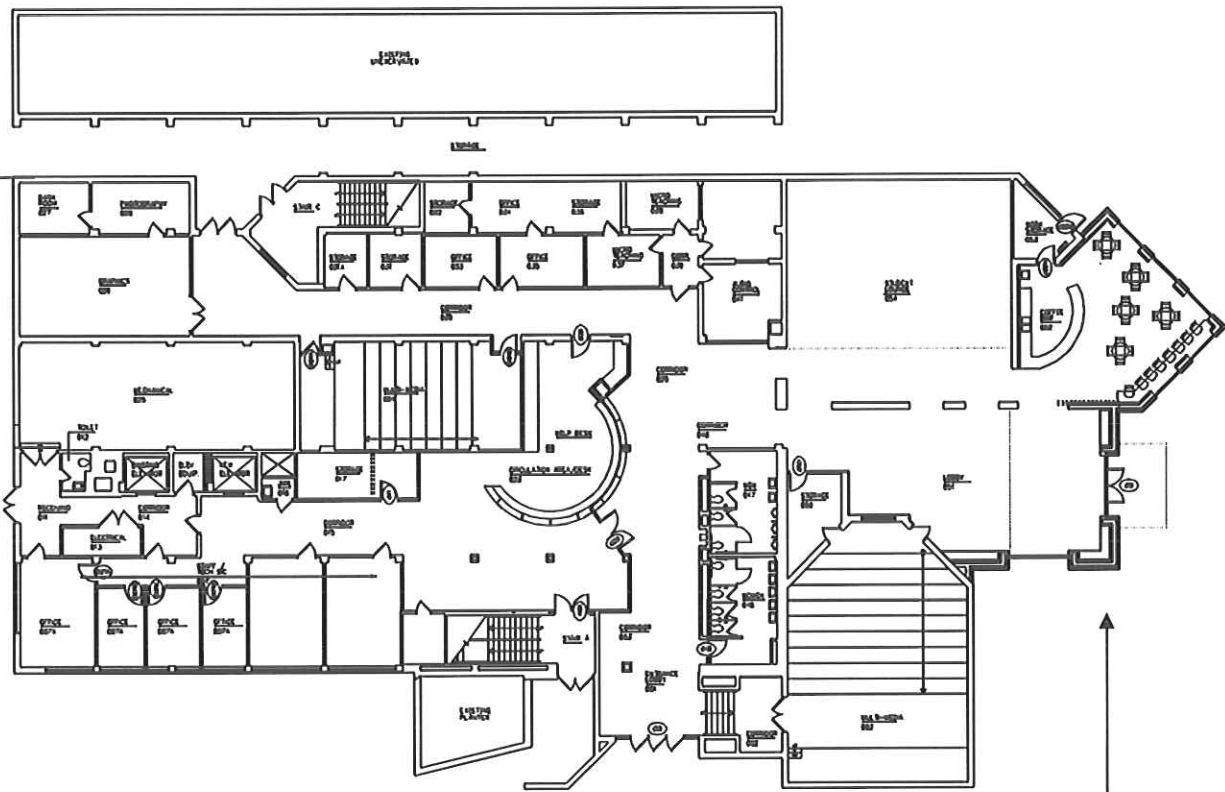


The Ruth Ann Musick Library Renovations at Fairmont State University



Existing Library (Renovation) 7,425 sf

Addition 4,880 sf



Existing Library (Renovation) 7,425 sf

Addition 4,880 sf



Mylan Pharmaceuticals Executive Offices



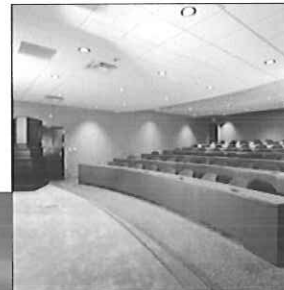
Mylan Pharmaceuticals Executive Offices Addition

Morgantown, West Virginia
Total Project - 84,860 S.F.
Parking Level - 21,215 S.F.
Three Floors - 63,645 S.F.

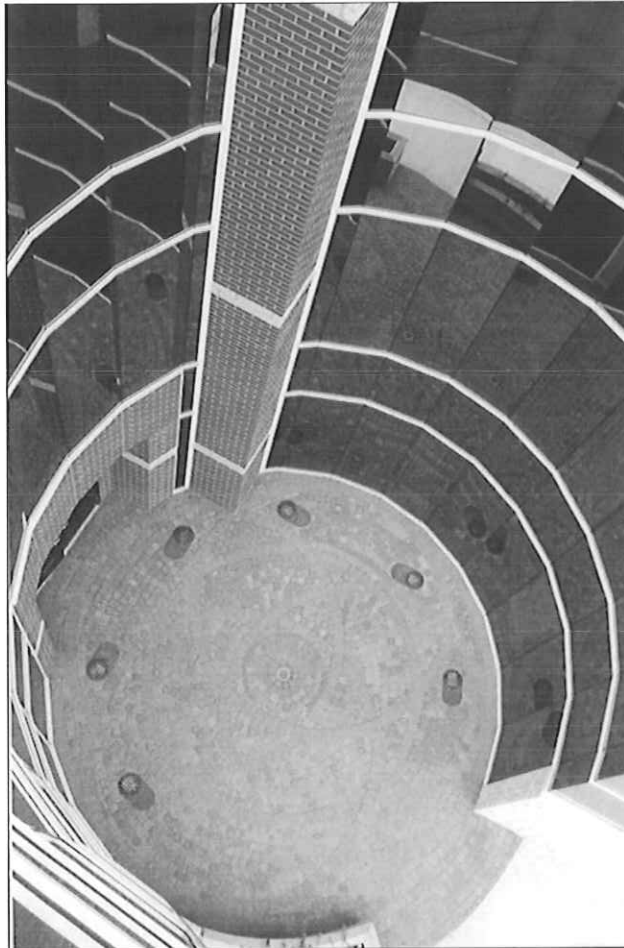
The Omni Associates designed a 63,000 SF four story addition for the existing Mylan Pharmaceuticals Plant. The project was "fast track" design meaning the construction drawings were made during the actual construction. The Omni Associates stayed ahead of the Contractor and enabled the project to be completed on time and within the budget.

The addition contains executive office and board room, training and conference rooms, cafeteria and kitchen, employee locker rooms, research and development area and storage warehouse space.

- ◆ Three Stories with lower level Parking Garage.
- ◆ Skywalk connecting second floor to existing Executive Offices
- ◆ Outdoor Dining/ Meeting Balcony on Third Floor



Mylan Pharmaceuticals Executive Offices



Mylan Pharmaceuticals Executive Offices

Morgantown, West Virginia
Offices: 54,000 S.F.
Warehouse: 9,000 S.F.

Honorable Mention: Excellence In Design

West Virginia Society of The
American Institute of Architects

The Omni Associates designed a 63,000 SF four story addition for the existing Mylan Pharmaceuticals Plant. The project was "fast track" design meaning the construction drawings were made during the actual construction. The Omni Associates stayed ahead of the Contractor and enabled the project to be completed on time and within the budget.

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Firm Overview



Omni Associates - Architects

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Firm Profile

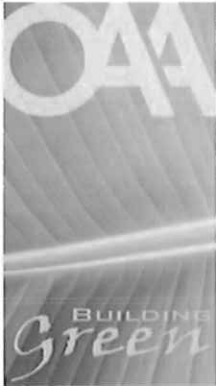
Architectural Illustrations & 3D Modeling

Professional Staff

Awards / Accolades / Publications

Firm Profile

General



OMNI ASSOCIATES - ARCHITECTS is an award-winning architectural firm located in Fairmont, West Virginia. Our excellent reputation and superior work product are a direct result of mutual respect and effective communication with our clients and consultants, which enables our staff to provide outstanding architectural and engineering design services for our clients.

Since our inception in 1980, OMNI has earned recognition in the programming, planning, and design of a variety of facility types, including office buildings, recreational facilities, education facilities, religious facilities, health care, military, and multipurpose facilities.

Our approach to design has allowed us to avoid the confines of specialization and afforded us the opportunity to create a diverse body of work. Each project is a unique undertaking that begins with analyzing the needs and desires of the client and interpreting them into a distinctive design that meets specific needs and exceeds desires.

The Design Team

Omni Associates - Architects firmly believes that the best gauge in determining our performance and abilities is the quality of the personnel of which we are comprised. Omni's greatest resource is our professional staff of dedicated, experienced, and creative individuals.

Our skilled team includes **5 registered architects**, intern architects, computer-aided design specialists, and knowledgeable administrative support staff. Their quality, expertise, and dedication integrate to produce the solid foundation upon which Omni has built its reputation.

Throughout our years of experience, we have worked with a variety of consultants specializing in structural engineering, civil engineering, mechanical and electrical engineering, and other disciplines as each project dictated. You can be assured that the consultants we select for your project are selected for their particular and relevant expertise as well as their superior work ethic.

In short, we carefully staff the design team, including in-house professionals and outside consultants, with the type of personnel we would want working for us to work for you!



Omni Associates - Architects, Inc.

1543 Fairmont Avenue
Suite 201
Fairmont, WV 26554
304.367.1417 (voice)
304.367.1418 (fax)

info@omniassociates.com
www.omniassociates.com

OWNERSHIP

Professional Corporation

HISTORY

Established in 1980

SENIOR PERSONNEL

Stephen A. Barnum AIA, NCARB
Senior Principal

Richard T. Forren AIA, NCARB
Principal

John R. Sausen AIA, NCARB,
LEED AP
Principal

David A. Stephenson
Principal

Edward A. Luthy AIA, NCARB
Principal



Omni Associates - Architects, Inc.

Firm Profile

Overview of Services

Omni Associates - Architects provides an array of in-depth professional architectural services. We are eager to discuss our experience and expertise in greater detail. These are a few types of professional services we offer...

Design-Bid-Build Delivery Method

Omni has performed private and public projects of every building type using this traditional method of project delivery. We organize your entire project in advance of bidding and work extensively with you to achieve alternates to program goals. Construction documents are prepared and bid to multiple general contractors to achieve competitive pricing. Omni has successfully negotiated with contractors to maintain changes and costs to a minimum and still achieve the initial time schedule.

Omni has also worked on "fast-track" and "multiple-prime" contract projects to achieve an accelerated building construction time schedule. As a variation of the traditional design-bid-build delivery, the negotiated select team approach allows for selection of a contractor early in the design process. We prepare construction drawings in stages and bid these "parts" of the total building program so construction can be ongoing as the next phase is programmed and designed. We have worked with General Contractors, Construction Managers and multiple prime subcontractors to successfully complete this type of project delivery.

Design-Build Delivery Method

More and more owners and developers are seeking a simpler delivery style with a single point of responsibility for both design and construction. Under design-build, a consolidated entity provides both design and construction services to the owner. A single contract is established between the owner and the architect-contractor or design-builder. Omni has experience with both scenarios and has contracted with owners and with general contractors to achieve this streamlined method of project delivery.

Construction Administration

Omni has worked on projects for only the construction phase of the total building life. This would include projects designed by another firm who needs local supervision or a "pre-designed" project from a national restaurant or store, which requires local implementation. Omni has also performed bank or financing inspections to determine the completion status of the project for periodic applications for payment.

Omni Associates - Architects, Inc.

Conceptual Design & Planning

Master Planning

Design Development

Construction Document Development

Bidding & Negotiating

Construction Administration

Facility Management Services

Feasibility Studies

Legal Consultation



Firm Profile

Organization

OMNI organizes its staff into several teams or "studios." A specific project team is established for each commission. Studio resources are combined for larger projects. Younger staff members bring a fresh perspective and gain valuable knowledge under the guidance of more experienced staff. Utilizing this approach, we are able provide the human resources required for all types of projects, including large and complex projects.

The project team, including the principal-in-charge, actively participates in the project from start to finish. **The same professionals who develop an understanding of your needs in programming generate design alternatives, oversee the production of construction documents, and implement the concepts during construction.** The consistency afforded by this approach is a benefit to OMNI and you.

In reality, the OMNI project team goes beyond our in-house staff. It includes consultants, client representatives, owners, and a construction manager, as required. It is the mutual respect of each team member's skills and perspectives that enables the design process to conclude with a successful project of which we all can be proud.

Technology

Omni is committed to continually upgrading existing technology and driving the evolution of design tools. This commitment springs from the firm belief that **the responsible use of technology facilitates innovative design, results in economic benefits for our clients, and assists in efficient communication** with clients and consultants.

Building Information Modeling (BIM) involves creating a building in the virtual world before constructing it in the "real" world and allows the design team to anticipate conflicts and objections before they arise. We have found that this eliminates many issues which could result in project change orders or Requests For Information from the contractor. Also, the model can be shared between all disciplines as the design progresses. This allows early input from all of the design professionals involved, resulting in efficient designs. With a virtual model of the building, clients can clearly see the design intent as the project progresses. Design options can be explored with greater ease than ever before. An accurate building model can also assist in such things as cost and quantities estimating, energy analysis and building management – to name just a few.

Obviously, using the latest computer software does not guarantee good design. Good design is built upon having a complete understanding of the client's needs and the knowledge & experience to create a space which addresses those needs in an elegant and practical manner. We see BIM as an advanced tool in making that goal a reality for each project that we undertake.

Omni Associates - Architects, Inc.

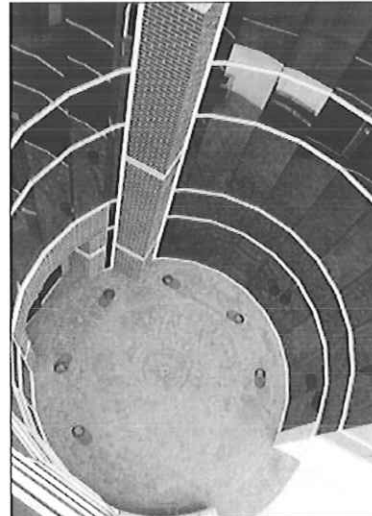
Omni Associates has successful project experience throughout the East Coast of the United States. Our architects are licensed in the following states:

Florida
Kentucky
Maryland
New Jersey
New York
North Carolina
Ohio
Pennsylvania
South Carolina
Virginia
West Virginia

Member of The American Institute of Architects

Member of The West Virginia High Technology Consortium

Member of the Marion County Chamber of Commerce



Architectural Illustrations & 3D Modeling

Computer-Generated Architectural Renderings

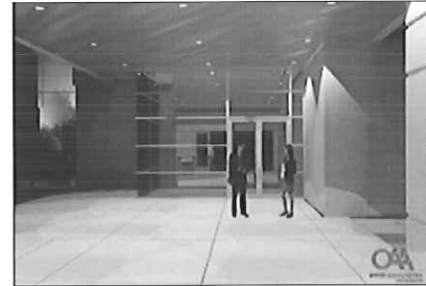
Omni's computer rendering capabilities range from photo retouching, to simple 3D massing and studies, to 3D modeling in CAD from which a selected view is moved through a number of different programs and processes to result in a final finished rendering. We can produce a rendering from simple sketches or from plans and elevations. Omni has also produced conceptual illustrations from verbal ideas/instructions, sometimes adding our own design input and problem-solving during the process to improve aesthetics and reach a final image for presentation to a client or the media.

Before & After Photo Renderings

One of the very first questions our clients ask is, "What is it going to look like?" Omni can take a high resolution digital photograph of an existing condition and show what a new structure or modification would look like. This process eliminates the need for traditional models that are often expensive and time consuming to create. All textures, colors and lighting effects are applied to the model and is positioned to match the perspective of the site photo. To give it an authentic feel, we add landscaping, people, cars, and any other necessary features and then combine the photograph and model to create a very realistic rendering.

Virtual Models

With the aid of state-of-the-art software, Omni is able to create "virtual reality" models that enable our clientele to "virtually" walk through or fly by a site or building. Omni's creative staff can generate these innovative methods quickly and efficiently, ultimately resulting in a cost savings to our clients.



Professional Staff

Stephen A. Barnum AIA, NCARB

PROJECT ASSIGNMENT
Supervising Principal
Coordinating Architect

EDUCATION
Mr. Barnum received his Bachelor of Architecture from Ohio University in 1971.

REGISTRATION
President and Architect Member of West Virginia Board of Architects
Member of The American Institute of Architects
Member of The American Institute of Architects—West Virginia
NCARB Certified #21583
States of West Virginia (#1663), Maryland, New York, Pennsylvania, North Carolina, Ohio, South Carolina, & Virginia

GENERAL EXPERIENCE

- Senior Principal in charge of Design and Construction for Omni Associates - Architects since 1980, Mr. Barnum is highly regarded as one of West Virginia's leading architects. His design expertise and construction experience serve as examples of the proficiency and professionalism that he embodies.
- Project Architect for Suncrest Towne Centre, a 102 acre master planned development of offices, shops, restaurants, and entertainment venues, as well as its residential component, Suncrest Village Luxury Condominiums.
- Project architect for several major projects at Snowshoe Mountain Resort, including lodging, condominiums, and the Hawthorne Valley Golf Clubhouse, as well as new Golf Course Clubhouses at courses designed by Pete Dye, Gary Player and Arnold Palmer.
- Mr. Barnum has complete five advanced design programs at Harvard University including Hotel Design, Golf Course Clubhouse Design, Mixed Use Design, and Design Build Construction Alternatives.

RELATED EXPERIENCE

- Mr. Barnum was appointed by the Governor of West Virginia to serve as a member of The West Virginia Board of Architects January 2007. He currently serves as President of the Board.
- Instructor of Architecture at Fairmont State College, Fairmont, West Virginia from 1980 to 1981. Responsible for instruction of students in architectural construction and design.



Select Project Experience for Mr. Barnum

Pierpont Landings
Suncrest Towne Centre
Suncrest Village Luxury Condominiums
Morgantown, WV

Snowshoe Mountain Resort
Snowshoe, WV
Master Planning
Rimfire Lodge
Hawthorn Valley Golf Clubhouse
Camp #4 Condominiums
Conference Center

Pete Dye Golf Club Clubhouse
Bridgeport, WV

Stonewall Resort
Arnold Palmer Clubhouse
Stonewall Resort, WV

Hotel Design
Volcano Island Resort Indoor Water Park & Resort - Fairmont, WV
Wingate Inn- Bridgeport, WV
Wingate Inn -Erie, Pa.
Wingate Inn - Rome, NY
Fairfield Inn - Granville, WV

Fairmont State University
Education and Health Careers Facility
Hardway Hall Renovations
Colebank Hall Renovations
Jaynes Hall Renovations

911 Facility
Monongalia County, WV
Lincoln County, WV

Robert C. Byrd National Technology Transfer Center for NASA
Wheeling, WV

Victory Christian Church
Charlotte, North Carolina



Omni Associates - Architects, Inc.

Professional Staff

Richard T. Forren AIA, NCARB

PROJECT ASSIGNMENT

Principal
Project Architect

EDUCATION

Masters of Architecture, Virginia Polytechnic Institute & State University, Blacksburg, VA
BS, Civil Engineering Technology, Fairmont State College, Fairmont, WV

REGISTRATION

Member of The American Institute of Architects
Member of The American Institute of Architects—West Virginia
National Council Architectural Registration Board Certified in West Virginia, Florida, Kentucky, New Jersey, and Ohio
Firm Member Associated Builders and Contractors Inc.

GENERAL EXPERIENCE

- Project Architect in charge of design and construction for Omni Associates - Architects since 1984.
- Responsible for coordinating and designing all aspects of a project from schematic design through the final completion of construction for a wide range of commercial projects to include presentation renderings and graphics.
- Previously employed by Robert J. Bennett AIA & Associates, Morgantown, West Virginia 1983 to 1984. Worked and managed various phases from schematics to working drawings on a number of new and renovated educational facilities.

RELATED EXPERIENCE

- Colonel in the United States Army Reserves currently assigned to the Fifth United States Army as the Army's Emergency Preparedness Liaison Officer (EPLO) for West Virginia.
- Member of the Faculty Advisory Committee for Civil Engineering Technology and Architectural Engineering Technology, Fairmont State College, Fairmont, West Virginia
- Member of the Bridgeport City Planning Commission
- Previously a part time Instructor of Architecture at Fairmont State College, Fairmont, WV responsible for the instruction of senior level students in architectural construction and detailing.



Select Project Experience for Mr. Forren

Mon Power Regional Headquarters
Fairmont, WV

West Virginia High Technology Consortium, Fairmont, WV
5000 NASA Boulevard
Allan B. Mollohan Innovation & Incubator Center

Harrison County Schools, WV
Lumberport Elementary School

Marion County Schools, WV
West Fairmont Middle School
Fairmont Sr. High School Cafeteria

Fairmont State University, Fairmont, WV
Library Addition & Renovation
Feaster Center Renovation & Addition
Colebank Hall Renovation
Inner Campus Renovation
New Engineering Technology Building
New Performing Arts Building
Robert C. Byrd Mid-Atlantic Aviation Training Center, Phases I & II

City of Fairmont, Fairmont, WV
Public Safety Building
Downtown Parking Garage

West Virginia Army National Guard, Fairmont, WV
Armed Forces Readiness Center

Eleanor, WV
Maintenance Facility
Armed Forces Readiness Center
Access Road & Guard House

Snowshoe Mountain Resort, Snowshoe, WV
St. Barnard Catholic Chapel
Shaver Center Renovation Design

General Services Administration
Federal Building Renovations
Wheeling, WV
Martinsburg, WV
Huntington, WV
Beckley, WV



Omni Associates - Architects, Inc.

Professional Staff

John R. Sausen AIA, NCARB, LEED AP



PROJECT ASSIGNMENT

Principal
Project Architect

EDUCATION

Bachelor of Architecture: University of Cincinnati in 1982
(Magna Cum Laude)

REGISTRATION / PROFESSIONAL AFFILIATIONS

Member of The American Institute of Architects
Member of The American Institute of Architects—West Virginia
National Council Architectural Registration Board Certified in
West Virginia, Maryland, Pennsylvania, and Ohio
Firm Member Associated Builders and Contractors Inc.
LEED for New Construction Accredited Professional

GENERAL EXPERIENCE

- Project Architect in charge of design and construction for Omni Associates - Architects since 1983. Responsible for coordinating and designing all aspects of a project from schematic design through the final completion of construction including presentation renderings and graphics for a wide range of commercial projects. Specializing in Design-Build.
- Worked for three months in 1981 for Kraemer, Sieverts & Partners, Braunschweig, West Germany on an office, residential and civil defense complex for the Ministry of Interior, Kingdom of Saudi Arabia. The complex was to be of pre-cast metric. The design was to be flexible enough for construction in six different cities.
- Interned with architectural firms in Ohio and West Virginia prior to joining Omni.

RELATED EXPERIENCE

- President of American Institute of Architects - West Virginia Chapter in 2000 & 2001. Worked with the Design Awards, Search for Shelter, Architecture for Kids, Livable Communities Committees. Has served on the AIA West Virginia Board of Directors from 1990 to present.
- Instructor of Architecture at Fairmont State College, Fairmont, West Virginia - part time to 1990. Responsible for the instruction of design and construction relationships.
- Pleasant Acres Personal Care Home in Fairmont, WV, Board of Directors member since 1990.
- Boy Scouts of America, Mountaineer Area Council merit badge counselor, building committee member and Eagle Scout Chairman. Achieved the rank of Eagle Scout and has been involved with Scouting for over 20 years.

Select Project Experience for Mr. Sausen

**West Virginia University
Child Learning Center**

Mylan Pharmaceuticals
Morgantown, WV
(Design - Build Projects)
North Expansion
Executive Offices
Corporate Office Building
Research and Development Lab

West Virginia University Hospitals
Morgantown, WV
North & Northeast 8 story addition
Cheat Lake Family Medicine Clinic
The Family House
Linear Accelerator Installations I & II
Center for Gamma Knife
Radiosurgery
Eye Center Clinic Renovations

HealthWorks Physical Therapy Facility
Morgantown, WV

**Glenmark Corporation
Personal Care Facilities**
The Madison, Morgantown, WV
Shenandoah Nursing & Rehabilitation
Center, Charles Town, WV
Oak Ridge Nursing & Rehabilitation
Center, Charleston, WV

WV Radio Corporation
WDYK Radio, Cumberland, Md.

CDC/NIOSH
Open End Multi Year Contract
Morgantown, WV / Pittsburgh, Pa.

Glenville Federal Correctional Institute
Construction Administration
Glenville, WV.



Omni Associates - Architects, Inc.

Professional Staff

Edward "Ned" Luthy AIA, NCARB

PROJECT ASSIGNMENT

Principal
Project Architect

EDUCATION

Bachelor of Architecture
University of Arizona, Tucson, AZ
May 1986

REGISTRATION

State of West Virginia
National Council Architectural Registration Board Certified
Member of The American Institute of Architects

GENERAL EXPERIENCE

- Architect with over 20 years experience in developing long term relationships with clients, consultants, and the construction industry.
- An effective team member with a strong contract document background combined with construction administration capabilities and experience in many project delivery formats.
- Adept as a Project Manager and flexible in performing as a designer, drafter, specifier, estimator, and administrator.
- Strong design focus on schools and detention centers.

RELATED EXPERIENCE

- Ned's past 10 years experience, most of which was spent with a sole proprietor architectural firm, has provided him with opportunities to perform all duties associated with an architectural practice.
- Supervised the master plan, interview, design documents and construction for the Stafford Hansell Government Center for Umatilla County, Oregon. The project spanned a seven year period and Ned considers it the signature building of his career.
- 12 years experience with a large, nationwide architectural/engineering firm allowed Ned to acquire progressive responsibilities and achieve promotions from intern through senior associate.
- Former adjunct professor teaching AutoCAD at Blue Mountain Community College in Pendleton, Oregon.



Select Project Experience for Mr. Luthy

Omni Associates-Architects

- Shaft Drillers International Headquarters
- Mon Power Regional Headquarters
- Canaan Valley Institute

With Alderson Karst & Mitro Architects, Idaho Falls, Idaho:

- New Teton Toyota Dealership
- Office Buildings at Snake River Landing

With Sargent Architects, Hermiston, Oregon:

- Stafford Hansell Government Center
- East Oregonian Newspaper
- Our Lady of Angels Catholic Church
- New City Hall and Library
- New Intermediate School
- Cove High School Classroom Additions and Renovation
- Windy River Elementary School Classroom Additions
- Professional/Technical Education Building
- Umatilla County Public Health Building
- Eastern Oregon University, Addition to Quinn Coliseum
- Umatilla County Courthouse Masterplan and Renovation
- Pendleton Round-Up Stadium Renovation Masterplan

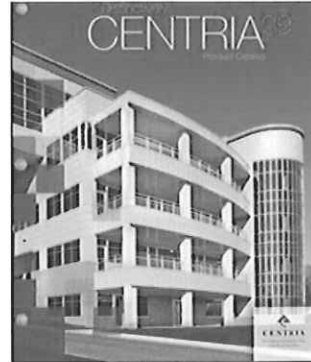


Awards / Accolades / Publications

Omni Associates - Architects has been recognized for outstanding architectural services by several highly regarded industry organizations:

**West Virginia High Technology Consortium
5000 NASA Boulevard
CENTRIA 2009/2010 National Product Catalog
Cover Feature**

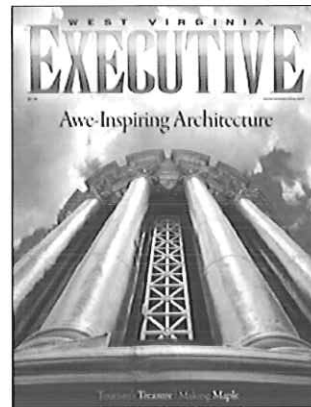
5000 NASA Boulevard was selected for the cover photograph of the CENTRIA 2009/2010 product catalog. Centria is a national leader in manufacturing architectural metal wall and roof systems.



**West Virginia High Technology Consortium
5000 NASA Boulevard
West Virginia Executive Magazine
VOLUME III 2008
Featured as one of ten examples
of "Awe Inspiring Architecture"**

"The new towers at the Technology Park in Fairmont, WV are an outstanding addition to an already exceptional park; the towers were put in place by the West Virginia High Technology Consortium Foundation (WVHTC). Site work began in the fall of 2005; the buildings themselves are approximately 130,000 square feet and cost \$24 million with 95 percent of the workers coming from West Virginia. The buildings sport a 6,000-square-foot conference center that spans the top of the towers and connects the two buildings with 5,700-square-foot working balconies and 2,200-square-foot roof-top gardens.

The view from the conference room on the fifth floor is one of the best in the state with the ISR building, the NASA building and the Innovation Center all in view."



**Fairmont State University
Engineering Technology Building Addition
Master Builders' Association of Western Pennsylvania
2008 Building Excellence Award Finalist
Category: Best New Construction Over \$10 Million**

The Design Alliance / Omni Associates - Architects
Landau Building Company (General Contractor)
Fairmont, West Virginia



Awards / Accolades / Publications

Mid-Atlantic Sports Cars
Annual Varco Pruden Annual Hall of Fame Competition
2009 Hall of Fame Award: Automotive Category
2009 Best Of Category
 General Industries, Inc. (General Contractor)



West Virginia High Technology Consortium
5000 NASA Boulevard
Published project: DCD Magazine (Design Cost Data)
September - October 2009

5000 NASA Boulevard
 Fairmont West Project

5 The West Virginia High Technology Consortium (WVHTC) is a public-private partnership between the state of West Virginia and the private sector. The consortium is responsible for the design and construction of a new high technology building in Fairmont, West Virginia. The building is a 100,000 square foot, multi-story structure that will house the WVHTC's operations. The building is a prime example of modern high technology architecture, featuring a glass and steel facade, a central atrium, and a variety of workspaces. The building is a testament to the state's commitment to high technology and innovation.

Architect: Omni Associates, Inc.

Contractor: General Industries, Inc.

Completion Date: 2009

Site Area: 100,000 sq. ft.

Building Area: 100,000 sq. ft.

Building Type: High Technology Building

Key Features: Glass and steel facade, central atrium, workspaces.

Manufacturers:

Manufacturer	Value
Architect	\$1,000,000
Contractor	\$10,000,000
Interior Designer	\$500,000
Structural Engineer	\$200,000
Mechanical Engineer	\$150,000
Electrical Engineer	\$100,000
Plumbing Engineer	\$50,000
Other	\$100,000
Total	\$12,000,000

UPDATED ESTIMATE TO INCLUDE 2009 10% PER SQUARE FOOT

Architect: Omni Associates, Inc.



West Fairmont Middle School
Published project: DCD Magazine (Design Cost Data)
September - October 2008

West Fairmont Middle School
 Fairmont West Project

West Fairmont Middle School is a new 100,000 square foot, multi-story structure that will house the school's operations. The building is a prime example of modern high technology architecture, featuring a glass and steel facade, a central atrium, and a variety of workspaces. The building is a testament to the state's commitment to high technology and innovation.

Architect: Omni Associates, Inc.

Contractor: General Industries, Inc.

Completion Date: 2008

Site Area: 100,000 sq. ft.

Building Area: 100,000 sq. ft.

Building Type: High Technology Building

Key Features: Glass and steel facade, central atrium, workspaces.

Manufacturers:

Manufacturer	Value
Architect	\$1,000,000
Contractor	\$10,000,000
Interior Designer	\$500,000
Structural Engineer	\$200,000
Mechanical Engineer	\$150,000
Electrical Engineer	\$100,000
Plumbing Engineer	\$50,000
Other	\$100,000
Total	\$12,000,000

UPDATED ESTIMATE TO INCLUDE 2008 10% PER SQUARE FOOT

Architect: Omni Associates, Inc.



Awards / Accolades / Publications

St. Bernard Chapel

American Institute of Architects—West Virginia
2008 Merit Award - Achievement in Design
Snowshoe, West Virginia



City of Fairmont Public Safety Building

Main Street West Virginia
2007 Best Exterior Renovation Project
Fairmont, West Virginia



Mylan Pharmaceuticals North Expansion

Associated Builders and Contractors
2007 Excellence in Construction Award
Category: Mega Projects: More than \$100 Million
MARCH-WESTIN CO. (General Contractor)
Morgantown, West Virginia



Mylan Pharmaceuticals Executive Offices

American Institute of Architects—West Virginia
2001 Honorable Mention - Excellence in Design
Morgantown, West Virginia



Mylan Pharmaceuticals East Wing Executive Offices

Associated Builders and Contractors
2001 Excellence in Construction
MARCH-WESTIN CO. (General Contractor)
Morgantown, West Virginia



Awards / Accolades / Publications

Pete Dye Golf Club Clubhouse
Associated Builders and Contractors
2001 Excellence in Construction
MARCH-WESTIN CO. (General Contractor)
Bridgeport, West Virginia



Rimfire Lodge
American Institute of Architects—West Virginia
2000 Honor Award - Excellence in Design
OMNI/RLA
Snowshoe Mountain Resort
Snowshoe, West Virginia



HealthWorks
American Institute of Architects—West Virginia
2000 Merit Award - Achievement in Design
Morgantown, West Virginia



**West Virginia High Technology Consortium
Training Center**
West Virginia High Technology Consortium Foundation
1999 Operations Award of Excellence
"For positively impacting the economic growth of West
Virginia and its emerging high technology business base."
G.A. Brown (General Contractor)
Fairmont, West Virginia



**Greer Industries
The Paul S. Linsley Building**
Associated Builders and Contractors
1998 Award Of Excellence
Building of the Year
MARCH-WESTIN CO. (General Contractor)
Morgantown, West Virginia



Awards / Accolades / Publications

**Mylan Pharmaceuticals
Research And Development Facility**
Associated Builders and Contractors
**1997 Award Of Excellence
Building of the Year**
MARCH-WESTIN CO. (General Contractor)
Morgantown, West Virginia



**Robert C. Byrd
National Technology Transfer Center**
American Institute of Architects—West Virginia
1996 Merit Award - Excellence in Design
OMNI/WTW
Wheeling Jesuit University
Wheeling, West Virginia



Education and Health Careers Building
American Institute of Architects—West Virginia
1993 Honor Award - Excellence in Design
OMNI/WTW
Fairmont State College
Fairmont, West Virginia



Hawthorne Valley Golf Course Clubhouse
American Institute of Architects—West Virginia
1993 Honor Award - Excellence in Design
Snowshoe Mountain Resort
Snowshoe, West Virginia



Concurrent Engineering and Research Center
Associated Builders and Contractors
1992 Building of the Year
OMNI/WTW
BRIDGES & COMPANY, Inc (General Contractor)
West Virginia University
Morgantown, West Virginia



Solicited comments...

(West Virginia High Technology Consortium) is indeed an important economic development project for West Virginia, and I wish to thank Omni Associates for the significant role that they played in making this endeavor, as well as many other important projects across the state, a reality..."

Robert C. Byrd
United States Senate

"...truly the most responsive, friendly, and personable firm I have come across in my career - many thanks, and kudos to you for establishing such a great dynamic work environment."

Katie Leavy
HGTV (Home & Garden TV) TV Personality
Capital Design

Fairmont Middle School... "The template for the twenty-first century school"

Dr. James B. Phares
Superintendent: Marion County Schools

"...have been an excellent team player, and we surely appreciate the quality of the design (Fairmont State College Education and Health Careers Building) you helped bring to life."

Robert J. Dillman
President
Fairmont State College

"...at a time of the year when we count our blessings, we at HOPE want you to know how much we have appreciated you and your work in the past few years."

Nancy Hoffman
Director of Development
HOPE, Inc. - Task Force on Domestic Violence

"...in appreciation of all of your hard work, dedication, and technical support to the Elmwood Maintenance Complex, West Virginia Army National Guard. Your expertise has helped create one of the finest Maintenance Shops in the United States."

Robert D. Davis, CPT, OD, WVARNG CSMS Superintendent
Warren T. Huxley, LTC, EN, WVARNG,
Surface Maintenance Manager

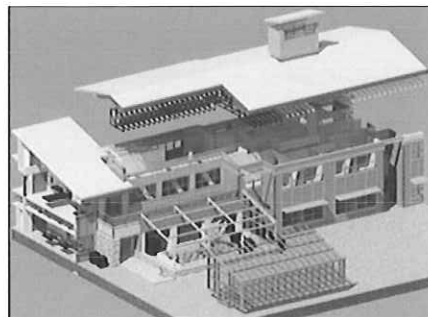


Omni Associates - Architects



"Building Green is more than obtaining LEED Certification. The team of Omni and Manheim (General Contractor) truly listened to CVI's unique vision of sustainable design, and developed a project that brought that vision to life. Their synergy and willingness to become our partner, provided a constant focus on quality, cost, and schedule."

Kiena Smith
Executive Director
Canaan Valley Institute





H.F. LENZ COMPANY

Currently in its 65th year, the H.F. Lenz Company (HFL) 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, structural and civil construction annually. We currently employ 175 people between our three office locations, including 45 Professional Engineers licensed in total of 50 states and DC, and 19 LEED® Accredited Professionals.

SUSTAINABLE DESIGN

H.F. Lenz Company was recently ranked in the "Top 100 Green Design Firms" in the Country, for the third time, by ENR Magazine. We have been a member of the United States Green Building Council since 2000 and currently have 19 LEED® Accredited Professionals on staff. Our firm has gained a high level of knowledge in the building green process and we possess the experience to successfully apply these principles to all building projects, whether they are designed to attain LEED Certification or not. In addition, we also became an Energy Star® Partner Firm in 2008, and have completed validation services for numerous buildings that have attained an Energy Star® Building Label.

H.F. Lenz Company currently has 45+ projects that have attained various levels of LEED Certification, and 40+ more projects are currently pending LEED Certification.

WHAT SETS OUR FIRM APART

- Experience with a wide variety of government agencies including: the General Services Administration, the Department of Homeland Security, Customs and Border Protection, the United States Marshalls Service, Pennsylvania State Police, the Social Security Administration, the Pennsylvania Department of Transportation, the Pennsylvania Department of Conservation and Natural Resources, Department of Defense and the U.S. Drug Enforcement Administration, State and County Agencies
- Engineering services for approximately 50 different GSA facilities throughout the U.S.
- Dedicated mission-critical design team that has over 20 years experience working with financial institutions, insurance companies, and governmental agencies that require extreme levels of reliability and redundancy in their M/E systems
- Experienced in the design of SCIFs and enhanced security features for a variety of clients
- Vast portfolio of sustainable design experience, including projects that have attained various levels of LEED® Certification and/or the Energy Star® Building Label
- Commissioning Services performed by personnel with between 10 - 32 years of experience
- Energy Analysis, Energy Modeling, ASHRAE Level I, II, and III Building Energy Audits, Measurement and Verification Plans and Implementation services



Lynchburg Courthouse



Erie Federal Building & Courthouse



Somerset County Courthouse



William J. Nealon Federal Building & Courthouse



Social Security Administration



QUICK OVERVIEW OF RECENT GOVERNMENT PROJECTS

- **GSA Nationwide IDC** - currently working on two studies one for the 147,000 sq.ft. U.S. Court of Appeals for Veterans Claims in Washington, DC., and the other for the relocation of offices and facilities and adaptive reuse of existing space for use by various courts and agencies in the James A. Byrne U.S. Courthouse, the William J. Green Jr. Federal Building and the historic Robert N.C. Nix Federal Building in Philadelphia, PA
- **New 265,000 sq.ft. Bucks County Justice Center** - Doylestown, PA; Estimated Construction Cost: \$120,000,000; Utilizing BIM; Currently in Design, Construction began 09/2010 *Designed to Attain a LEED™ Silver Rating*
- **Study and Various Renovations to the Historic Fayette County Courthouse** – 2006
- **Historic Renovation of Somerset County Courthouse** - 2004; \$7,000,000
- **New 65,000 sq.ft. Design/Build Courthouse and Renovation of an Existing Historic Structure** – Lynchburg, VA; 2004; \$15,000,000
- **Renovation of Social Security Administration (SSA) 1.2 million sq.ft. Operations Building** – Woodlawn, MD; 2006; \$125,000,000 *Has Attained LEED™ Certification*
- **New “Green” Office Building and Community Center** - Allegany County Human Resources Development Commission (HRDC), Cumberland County, Maryland; 2009; \$4.5 million *Designed to Attain a LEED™ Silver Rating*
- **New 50,000 sq.ft. Design/Build Office Building for the U.S. Drug Enforcement Administration** – Pittsburgh, PA; 2005; \$6,256,994 *Has Attained LEED™ Certification*
- **Modernization of the 1.8 million sq.ft. Historic Robert F. Kennedy Main Justice Department Building (phased project)** - Washington, D.C.; 2004; \$130,000,000 *Awards: 2004 GSA Design Award Honor; Marvin M. Black Partnering Award; 2006 Silver Reconstruction Award*
- **Renovation and Addition to the Historic Erie Federal Courthouse Complex** – Erie, Pennsylvania; 2004; \$24,000,000 *Awards: 2004 GSA Design Award Citation for Preservation*
- **GSA IDC for Border Stations and Federal Buildings** - Feasibility Studies at Various Locations including the Elbert P. Tuttle Courthouse and Federal Building in Georgia; 2007; Fee
- **U.S. Department of Agriculture Tenant-Fit Out of 40,000 sq.ft. of a GSA Building for Office Space** -Morgantown West Virginia; 2009; *Project has attained LEED™ Certification*
- **New 75,000 sq.ft. Design/Build Administration/Office Building for NASA** - Langley, Virginia; Utilizing BIM; 2010; *Project has attained LEED Platinum*



Government Project Experience

- **New 165,000 sq.ft. Design/Build P8-A Integrated Training Center for NAVFAC** - Jacksonville, Florida; Utilizing BIM; *Project Goal LEED Silver* - Currently in Construction
- **Six consecutive Indefinite Delivery Contracts for Letterkenny Army Depot (U.S. Army, Baltimore Corps of Engineers)** under which we have completed in excess of 100 projects requiring a variety of engineering expertise.
- Engineering services for over **300 postal facilities under a total of nine indefinite delivery contracts for the U.S. Postal Service**
- Multiple indefinite delivery contracts for the **National Park Service**, the majority of which involved the renovation/preservation of historically significant structures
- **CDC/NIOSH** - Recently awarded our second consecutive term contract for projects in Pittsburgh and Morgantown
- **SSA IDC** - involved evaluation of 10 major SSA facilities in the U.S. to evaluate compliance with the guidance document titled "Guidance for Protecting Building Environments from Airborne Chemical, Biological, or Radiological (CBR) Attacks", also involved upgrades to communications systems at 11 facilities - expired in 2006

Additional Project Examples in West Virginia

- New 19,427 sq.ft. FBI Building, Charleston, West Virginia
- New 85,250 sq.ft. West Virginia State Office Building (scheduled for bidding in 2012), Clarksburg, West Virginia
- Tenant Fit-up of 40,000 sq.ft. for the U.S. Department of Agriculture, Morgantown, West Virginia
- Kee Federal Office Building and Courthouse, Bluefield, West Virginia
- Robert C. Byrd U.S. Courthouse, Charleston, West Virginia
- Federal Office Building, Huntington, West Virginia
- Coast Guard Building, Martinsburg, West Virginia
- Federal Office Building, Martinsburg, West Virginia
- U.S. Courthouse, Martinsburg, West Virginia
- Stagers Federal Office Building, Morgantown, West Virginia
- Federal Office Building and Courthouse, Wheeling, West Virginia
- Federal Office Building, Parkersburg, West Virginia
- Martinsburg Computer Center, Martinsburg, West Virginia

*West Virginia State Capitol Complex
Charleston, West Virginia*

NEW CENTRAL CHILLED WATER PLANT

The H.F. Lenz Company was hired to determine the most cost effective and energy efficient method for supplying chilled water to seven buildings (1.3 million sq.ft.) making up the West Virginia State Capitol Complex. Each of the seven buildings had its own chiller plant with many of the 15 chillers approaching the end of their useful life.

A detailed engineering analysis of three options was developed that included project scopes, conceptual drawings, calculations, and detailed cost estimates and calculations of energy and maintenance cost savings.

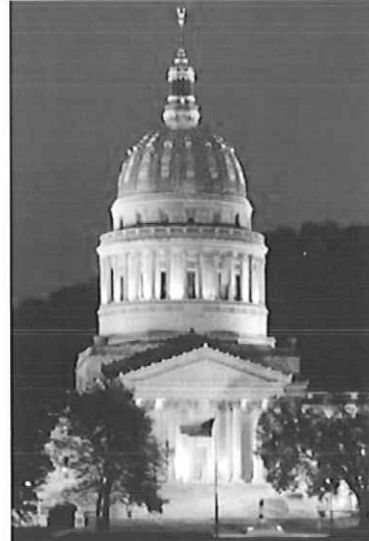
The H.F. Lenz Company showed that constructing a new central chiller plant with a main chilled water distribution loop would result in the lowest energy costs and maintenance costs with a payback period of four years.

The new chiller plant consists of three 1,200-ton and two 600-ton industrial grade centrifugal chillers along with their associated cooling towers, free cooling heat exchangers, chilled water and condenser water pumps, and automatic temperature controls. Variable speed drive pumping is incorporated for energy savings.

The new chilled water distribution system consists of approximately 5,000 feet of direct burial chilled water piping of various sizes. The seven Capitol Complex buildings are connected to this central loop by chilled water bridges.

The H.F. Lenz Company also provided the architectural and structural design work for the 4,500 sq.ft. chiller plant.

Phase I of the project was completed in 1997, Phase II in 1998, and Phase III in 1999. Estimated Construction Cost was \$8,000,000.



TENANT FIT-OUT

Through a Design-Build Competition sponsored by the U.S. General Services Administration, H.F. Lenz Company provided the mechanical, electrical, plumbing, and fire protection engineering services for the tenant-fit out of approximately 40,000 sq.ft. of a GSA-leased building to be utilized by the U.S. Department of Agriculture. The 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. The fit-out space consists mainly of offices, conference areas, lobbies, mailroom, credit union, computer center, storage space and a loading dock.



The project includes the design of:

- A central HVAC system with main and branch lines, VAV boxes, dampers, flex ducts, and diffusers for the office layout and commons areas. Separate HVAC units for the mail room and lobby spaces were provided in order to prevent contamination of other areas of the building in the event of a security threat. A separate computer room air-conditioning unit was also provided for the central computer center.
- New 277/480 V and 120/208 V, 3 phase, 5-wire electrical distribution system serving panelboards located on each floor of the complex. Receptacles supplying power to sensitive equipment were provided with an isolated ground system to prevent unwanted noise from being passed through the electrical distribution system.
- Energy Efficient Lighting with occupancy sensors for automatic control of the lighting fixtures
- Low flow plumbing fixtures and irrigation systems which uses only captured rainwater resulted in a 39.7% reduction in potable water use

The project incorporated several sustainable concepts and has attained LEED™ Certification. Construction was completed in 2009.

Construction Cost: \$7.5 million

Services: Mechanical, electrical, plumbing, and fire protection engineering services

Sq.Ft.: 40,427

Owner Contact: Glenmark Holdings, LLC, Mr. Nick Colasante, PH: 304-599-3369

Project Reference: U.S. Department of Agriculture, John Pettit, Executive Office, Farm Service Agency, U. S. Department of Agriculture, 1550 Earl Core Road, Suite 102, Morgantown, WV 26505, Ph: 304-284-4881

NEW OFFICE BUILDING

Through a contract with the U.S. General Services Administration, H.F. Lenz Company provided the mechanical, electrical, plumbing, and fire protection engineering services for the design a two-story 19,427 sq.ft. office building in Charleston, West Virginia to house a federal agency. The facility includes forensic evidence labs, work and technology spaces, and vehicle service bays.



The building was designed with energy efficient systems and sustainable design criteria including water conservation, use of regionally manufactured materials, increased ventilation, use of renewable energy sources, and a pre-occupancy construction indoor air quality management plan. The project goal is to meet the requirements of LEED Silver (minimum) and attain an ENERGY STAR rating of 75 or above.

Features of the project include:

- Variable air volume HVAC system consisting of gas-fired rooftop air-handling units with DX cooling and energy recovery, supplemental cooling for specialty areas such as server rooms and areas with concentrated high heat loads. A separate air-handling unit for the mailroom area will minimize any airborne threats. Another HVAC security measure includes the strategic placement of outdoor air intakes to minimize the risk of contaminants being entrained into the building through the outdoor air intake.
- An electrical distribution system that will supply 10 watts/sq.ft. of power to the building, as well as an exterior 50kw standby/emergency generator that will serve the backup power needs.
- A complete data/communications system which includes separate telecommunications closets for the internal system servers that will be used to meet the function of the building. The system features include category 6A horizontal cabling, incoming optical fiber cabling, wire racks and bridal rings for wire management.
- A fire alarm system with a voice/alarm communication system
- An automatic sprinkler system designed to NFPA requirements
- The design of a wet lab area that includes a separate fume hood exhaust system
- Garage bays that are used to modify/examine vehicles
- Building commissioning

Design work was completed in 2010.

Construction Cost: \$6 million

Services: Mechanical, electrical, plumbing, and fire protection engineering services

Sq.Ft.: 19, 427

Owner Contact: Glenmark Holding, LLC, Mr. Nick Colasante, Ph: 304-599-3369

OFFICE BUILDING

H.F. Lenz Company provided the mechanical, electrical, plumbing and fire protection engineering services for the design of a new 85,250 sq.ft., five-story office building to house seven state agencies.

The building will be equipped with a central geothermal plant in the basement to serve a 4 pipe hot and chilled water piping distribution system in the building. The geothermal plant will extract and reject heat from the geothermal wellfield. This wellfield will contain (90) – 400' deep wells, spaced on 15' centers, installed under the parking areas.



The majority of the building will be served by three VAV modular air handling units located in the building penthouse. A Direct Digital Control (DDC) System will provide the control for the HVAC system. The system will be able to interface with the current system that the State of West Virginia uses to monitor its buildings from a remote location in Charleston, WV. It is anticipated that the HVAC system will perform at 20% better than baseline.

Lighting relay panels will provide 24/7 control of the lighting in the larger areas on the various floors. Relay panels will be installed on all floors except the basement. Vacancy (Occupancy) sensors will be installed in all areas not described above to provide automatic shut off lights. In areas subject to larger amounts of natural light, daylight harvesting sensors will be placed near windows to step-dim (reduce light output to 50%) local light fixtures in response to amount of sunlight present within the space and save energy.

A Main Telecommunications Room (MTR) will be provided and house all the service entrance equipment for signal system demarcation points as well as distribution equipment to provide the buildings signal infrastructure. Intermediate Telecommunications Rooms (ITR), feed from MTR, will be constructed on each floor and contain equipment to distribute signal systems to the end user.

Cameras shall be placed throughout the building to monitor all exits and other high traffic areas. Cameras shall be web-enabled and Power over Ethernet type, Cat 6 cable from camera shall terminate at ITR on appropriate floor. A network video recorder in the MTR will capture all the camera data and provide an output to view camera feeds locally and send a viewing signal to a remote location.

The project will be applying for Silver Certification under LEED standards.

This project is scheduled for bidding in 2012.

Construction Cost: Approximately \$20 million

Services: Mechanical, electrical, plumbing, and fire protection engineering services

Sq.Ft.: 85,250

Owner Contact: State of West Virginia, Mr. David Hildreth, Ph: 304-558-0510, Address: 1409 Greenbrier Street, Charleston, WV 25311

PHASED RENOVATION AND LIFE SAFETY UPGRADES TO WHITE HALL

The H.F. Lenz Company provided mechanical, electrical, plumbing and fire protection engineering services for the phased renovation and life safety upgrades to the 95,500 sq.ft. White Hall. The building, which was originally constructed in 1942 as a high-rise, will house classrooms, laboratories, offices and a 175 seat auditorium. The goal of the first phase of the project was to complete the interior demolition work while the second phase will fitout the shell to match the requirements of the users.



The building will mainly be used by the Physics Department for research and instruction. With the researchers' expanding use of lasers, and the technologies associated with them, the need to design the project with low vibration creating equipment and high power capacity was a top priority.

Flexibility for the laboratories was also a request of the University due to the fact that researches, and researchers, are constantly changing and they needed to be able to quickly adapt to these changes. Therefore, each lab was fitted with a 400A-3 phase-208V panelboard and surface mounted raceway around the perimeter of the room that allows for receptacles to be placed wherever they may be required in the future. Electrical busway with capacity for future taps were provided vertically through the building and taps provided at the electrical closets on each floor for additional panelboards to be added in the future. Compressed air outlets were installed around the perimeter of the labs as well to provide an outlet in close proximity to the experiment regardless of where in the room it may be needed.

Additional project features included:

- 600 kw emergency/standby generator to provide power to the life safety equipment in the building as well as power to the researchers.
- 50,000 cfm fume exhaust fans. They are arranged so that if one fan is not working, the other fan has the capacity to carry the needs of the system.
- Addressable, voice evacuation, fire alarm system
- VAV fume hood exhaust system that provides energy savings by reducing the flow through the exhaust system when the hoods are not in use
- Design of a 1000 sq.ft. Computer Cluster Room with specialized cooling and conditioned power designed to process terabytes of data

Construction was completed in 2011.

Construction Cost: \$21 million

Services: Mechanical, electrical, plumbing, and fire protection engineering services

Sq.Ft.: 95,500

Owner Contact: West Virginia University, Mr. John Sommers, Ph: 304-293-8811 Address: West Virginia University Physical Plant, 979 Rawley Lane, Morgantown, WV 26506-6572

Additional Office Building Projects

LARGE-SCALE PROJECTS WITH CLASS "A" OFFICE SPACE

Our experience with large Class "A" office projects includes the following:

Mellon Financial Corporation Client Service Center Pittsburgh, Pennsylvania

- 750,000 sq.ft. new construction
- Class "A" office space
- High-reliability operations space
- 55,000 sq.ft. data center
- Project management
- Multi-discipline design (MEP/Data)
- Construction administration
- Commissioning
- *Awards:*
 - 2001 Integrator Award - *Building Design & Construction* magazine
 - 2004 Office Building of the Year - BOMA Mid Atlantic Region



Mellon Independence Center Philadelphia, Pennsylvania

- 880,000 sq.ft. complete renovation
- Class "A" office space
- 650,000 sq.ft. high-reliability operations space
- 52,000 sq.ft. data center for Mellon Financial Corp.
- Multi-discipline design (MEP)
- Construction administration
- Data center commissioning



Social Security Administration Main Operations Building Woodlawn, Maryland

- 1.2 million sq.ft.
- Complete mechanical, electrical, fire protection/life safety renovation
- Construction phasing of an occupied building
- Numerous energy conservation elements
- Sustainable design principals



HEADQUARTERS OFFICE PROJECTS**Robert F. Kennedy Department of Justice Building
Washington, DC**

- 1.2 million sq.ft.
- On the *National Register of Historic Places*
- Complete mechanical, electrical, fire protection/life safety renovation
- Specialized environmental control for Main Library and Archival Storage Room
- Construction Administration
- Awards: - *2004 GSA Design Award*
 - *Marvin M. Black Partnering Award*

**Commonwealth of Pennsylvania
New State Office Building
Harrisburg, Pennsylvania**

- 16-stories, 450,000 sq.ft.
- Complete mechanical, electrical, fire protection/life safety design
- Numerous energy conservation elements
- Construction Administration
- Indoor air quality (IAQ) commissioning including baseline IAQ and outside air testing, and post occupancy testing for proper ventilation

**Three Mellon Center
Pittsburgh, Pennsylvania**

- 41-stories, 900,000 sq.ft.
- New high-reliability electric service comprising six 1,000 kVA networked transformers
- New 4,450-ton fully redundant central chilled water plant with N+5 configuration
- Data center reliability analysis identifying single points of failure
- Recommendations for 3,000 kVa UPS system for data center
- Provided project management, multi-discipline design, construction administration, commissioning services
- Project has received an ENERGY STAR Building label as well as a LEED EB O&M Gold Rating



**Kennametal World Headquarters
Latrobe, Pennsylvania**

- New 135,000 sq.ft. corporate office building
- Executive dining room
- Employee cafeteria
- High-bay warehouse area
- New campus main communications system
- Complete civil/site design including parking lots and the relocation of a Township road

**Penelec Corporate Headquarters
Johnstown, Pennsylvania**

- New four-story office building annex and garage
- Renovation of the main office building
- Retrofit central heating/cooling plant to serve four buildings
- New site utilities and parking areas
- New complex-wide direct digital energy management control system
- Micro-processor-based fire alarm and security system
- Construction administration, systems start-up, and training of O&M staff

**FedEx Ground Corporate Headquarters
Pittsburgh, Pennsylvania**

- 350,000 sq.ft. new construction
- 10,000 sq.ft. raised floor data center
- 1,100 sq.ft. Technology Briefing Center with multi-media presentation capabilities
- Two fully redundant utility services
- 500 kVA rotary UPS System
- Redundant emergency generators
- Employee cafeteria
- Fitness Center
- 120,000 sq.ft. expansion



**PricewaterhouseCoopers
Philadelphia, Pennsylvania**

- 120,000 sq.ft. high-rise office renovation including new HVAC systems, new electrical and lighting, and life safety improvements
- New 20,000 sq.ft. Software Engineering Center – includes HVAC design, program-mable lighting controls for presentations, power and UPS for 5,000 sq.ft. server room
- New 70,000 sq.ft. Global Training Center – includes custom HVAC system, electrical, distribution, dedicated cooling for server rooms, energy efficient lighting, audio/visual systems, and life safety systems

**DuPont Corporate Headquarters
Wilmington, Delaware**

- Multi-discipline design
- New 28,000 sq.ft. conference center
- New DDC building automation system
- New central heating/cooling plant
- Upgrade 216 guest rooms in world-class Hotel DuPont
- Upgrade hotel offices and function rooms
- Utility service improvements

**SEPTA Headquarters
Philadelphia, Pennsylvania**

- 20-stories, 660,000 sq.ft. headquarters renovation
- Upgrade of mechanical systems including new chilled water plant
- New automatic temperature controls
- Replaced significant portion of the electrical distribution system
- Life safety improvements included new fire alarm, full-building sprinklering, and a smoke evacuation system
- New standby power generation system



AMP Industries, Inc.
Harrisburg, Pennsylvania
Upgrade lighting and power distribution to approximately 20,000 sq.ft. of office space

AMP Industries, Inc.
Harrisonburg, Virginia
Renovation of existing building including office, manufacturing, and warehousing facilities

Brickstone Properties
Andover, Massachusetts
Two new speculative office buildings:
50 Minuteman Road, 155,000 sq.ft. and
200 Minuteman Road, 200,000 sq.ft.

Brickstone Square Office Park
Andover, Massachusetts
Renovation to a 1,000,000 sq.ft. multi-building office/industrial complex

Byrne/Green Courthouse and Federal Building
Philadelphia, Pennsylvania
HVAC study and PCB transformer replacement

Colonial Penn Life Insurance
Philadelphia, Pennsylvania
Base building HVAC renovations and new DDC and fire alarm systems for a 120,000 sq.ft. office building; tenant fit-out of 70,000 sq.ft.



FedEx Ground. *The new corporate headquarters contains a raised-floor computer area, an auditorium, a cafeteria, a media production studio, and a fitness center.*



Brickstone Square Office Park. *This four-building facility near Boston is an adaptive reuse of the former American Woolen Mills Company.*

duPont Corporate Headquarters
Wilmington, Delaware
New 28,000 sq.ft. learning conference center, and renovations to office and function rooms within the historic Hotel duPont and mechanical/ electrical upgrade to 216 guest-rooms

Erie Civic Center
Erie, Pennsylvania
New Sea Wolves office building

Extrude Hone Corporation
Irwin, Pennsylvania
New 72,000 sq.ft. office building and manufacturing facility

FedEx Ground
Pittsburgh, Pennsylvania
New 350,000 sq.ft. corporate office facility for a courier delivery company

Frick Building
Pittsburgh, Pennsylvania
Evaluation and renovation of a 22-story, 330,000 sq.ft. historic high-rise office building

Gimbels Building
Pittsburgh, Pennsylvania
Base building modifications to convert a former department store to office and retail space

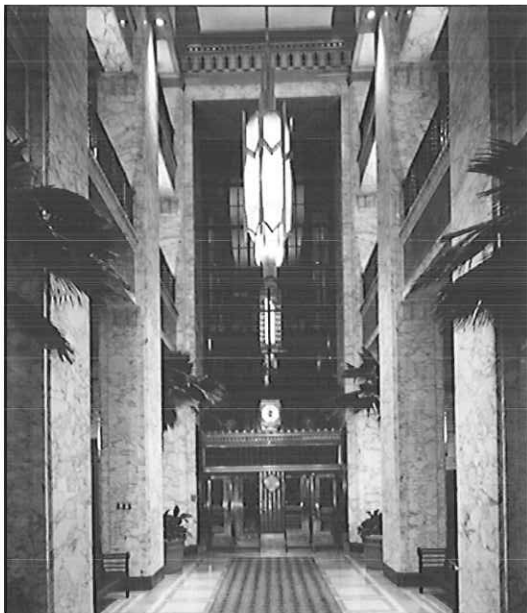
Grant Building
Pittsburgh, Pennsylvania
High-rise building evaluation and correction of deficiencies

Groupe Schneider
North Andover, Massachusetts
Fit-out of 170,000 sq.ft. of corporate office, training, and repair space and new 80,000 sq.ft. manufacturing facility

GSA Region 3 Offices
The Wanamaker Building
Philadelphia, Pennsylvania
Tenant fit-up of office space

IBM Office Building
Pittsburgh, Pennsylvania
Base building and tenant fit-up design of a new 240,000 sq.ft., 12-story office building

James H. Reed Building
Pittsburgh, Pennsylvania
Comprehensive evaluation and renovation of a nine-story, 190,000 sq.ft. building for the law offices of Reed Smith Shaw & McClay



Koppers Building. Renovation work in the lobby included the retrofit of historic lighting fixtures.



Lynchburg Courthouse. The project was designed to meet the anticipated space requirements of 2010 for the US District Court, US Bankruptcy Court, and several federal agencies, while also providing a new consolidated retail facility for the Postal Service.

Kee Federal Office Building and Courthouse
Bluefield, West Virginia
Mechanical and electrical renovations including building-wide HVAC; courtroom renovations and alterations

Koppers Building
Pittsburgh, Pennsylvania
Study of existing mechanical/electrical systems and base building renovations in a 34-story, 344,000 sq.ft. office building

Lynchburg Courthouse
Lynchburg, Virginia
New 65,000 sq.ft., five-story courthouse building and renovation of an existing three-story, 25,000 sq.ft. historic schoolhouse

Robert F. Kennedy Department of Justice Building

Washington, D.C.

Phased renovation/retrofit of a 1.3 million sq.ft. occupied federal building

**Major Insurance Company
Mid-Western United States**

New 80,000 sq.ft. data center designed to 2N+2 criteria which maintains the facility's reliability level even during periods of system testing and maintenance

**Major Insurance Company
Various Locations**

H.F. Lenz Company is assisting this Major Insurance Company in improving the reliability of the critical engineering systems that support facility operations at various sites. The Facility Program is being carried out on a national scale, including facilities in Florida, New York, Texas, Arizona, California, Oregon and Colorado.

**Major Insurance Company
Southern United States**

New 1500-person call center, which will consolidate the operations of two existing call centers in the this area

**Major Insurance Company
Western United States**

New 322,000 sq.ft. call center, which was constructed on a 13-acre site



Confidential Insurance Company. The new South-Eastern United States call center building includes employee amenities such as food service, meeting rooms, and training facilities.



Confidential Insurance Company. The Western United States facility will be three stories and used for call center and general office functions.

**Major Insurance Company
South-Eastern United States**

New 280,000 sq.ft. call center, which was constructed on a 40.7-acre site

**Market Street State Office Building
Harrisburg, Pennsylvania**

New 16-story, 446,000 sq.ft. office building

**Martin Marietta Corporation
Cherry Hill, New Jersey**

Base building and tenant fit-up renovation for 72,000 sq.ft. office building

**Mellon Bank Card Services Center
Wilmington, Delaware**

New 80,000 sq.ft. Credit Card Service Center

**Mellon Center
Philadelphia, Pennsylvania**

Tenant fit-up of 14 floors of corporate office space in a new 54-story high-rise

**Mellon Financial Corporation
Pittsburgh, Pennsylvania**

Provided HVAC, plumbing, fire protection, electrical and telecommunications systems were designed and commissioned for the new 750,000 sq.ft. operations center, which also houses a data processing facility

**Mellon Financial Services
Riverview II Building
Cambridge, Massachusetts**
Conditions assessment and tenant fit-up for a new 18-story, 116,000 sq.ft. speculative office building

**Mellon Independence Center
Philadelphia, Pennsylvania**
Renovation of an historic 900,000 sq.ft. former retail building for Mellon Bank's regional data operations center and three levels of retail space

**Meridian Tower
Philadelphia, Pennsylvania**
Damage assessment and design development drawings for a 38-story, fire-damaged high-rise office building

**Merrill Lynch Headquarters
New York, New York**
Retrofit evaluation of a 2.2 million sq.ft., 50-story high-rise

**National Drug Intelligence Center
Johnstown, Pennsylvania**
Complete build-out services for 76,000 sq.ft. of administrative and operational areas

**National Park Service Building
Martinsburg, West Virginia**
HVAC study and report

**One Mellon Center
Pittsburgh, Pennsylvania**
Various mechanical/electrical evaluation and renovation projects in a 55-story high-rise

**Pennsylvania State Capitol Complex
Harrisburg, Pennsylvania**
New 235,000 sq.ft. congressional office building and renovation of 400,000 sq.ft.

**Pennsylvania Electric Company
Corporate Headquarters
Johnstown, Pennsylvania**
350,000 sq.ft. of new and renovated office space



Market Street State Office Building. This 16-story high-rise houses Pennsylvania's Department of Environmental Protection and the Department of Conservation and Natural Resources.

**Philadelphia City Hall Annex
Philadelphia, Pennsylvania**
Evaluation of an historic 350,000 sq.ft. building for adaptive reuse

**PictureTel Corporation
100 Minuteman Road
Andover, Massachusetts**
Complete renovation and tenant fit-up design services for a 325,000 sq.ft. office facility

**Pittsburgh National Bank Headquarters
Pittsburgh, Pennsylvania**
Energy management study and retrofit of a 31-story, 670,000 sq.ft. high-rise

**PricewaterhouseCoopers
Philadelphia, Pennsylvania**
120,000 sq.ft. tenant fit-up of a 20-story high-rise office building and 30,000 sq.ft. tenant fit-up for a computer training center and software engineering center

SEPTA Corporate Headquarters
Philadelphia, Pennsylvania
Base building mechanical/electrical systems in a 20-story, 660,000 sq.ft. high-rise

Smith and Nephew
150 Minuteman Road
Andover, Massachusetts
New 112,000 sq.ft. corporate headquarters and demonstration facility

Social Security Administration
Data Operations Center
Wilkes-Barre, Pennsylvania
Complete multi-discipline engineering design for a new 250,000 sq.ft. office/computer center

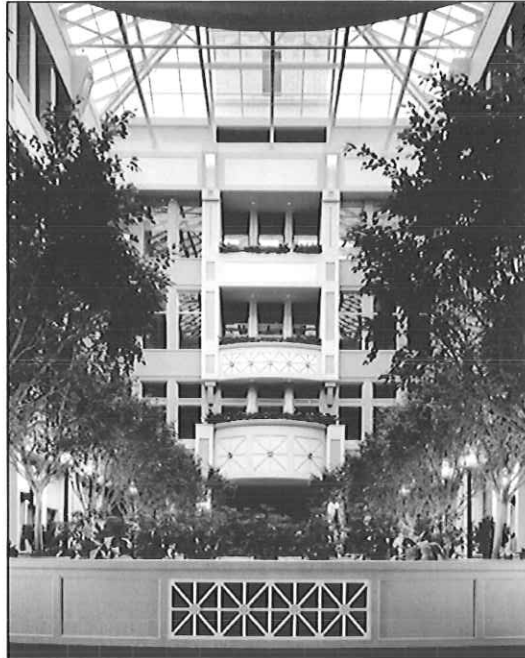
Social Security Administration
Mid-Atlantic Program Center
Philadelphia, Pennsylvania
Life safety and control evaluation; PCB transformer replacement

Social Security Administration
Operations Building
Woodlawn, Maryland
Renovation of 1.2 million sq.ft. office building and data center

Stagers Federal Office Building
Morgantown, West Virginia
Extension of fire alarm system and addition of fireman's capture and recall to passenger elevators; parking garage structural investigation



SSA Data Operations Center. Operational flexibility is enhanced by a perimeter radiant ceiling heating system and underfloor wire management.



The Wanamaker Building. Nearly 900,000 sq.ft. of former retail space was adapted for modern office space. An additional 200,000 sq.ft. is now under design.

State Street Corporation
Boston, Massachusetts
Project Management and engineering design of mechanical system improvements and site/security upgrades at its Westborough, Massachusetts Data Center

Straumann USA
60 Minuteman Road
Andover, Massachusetts
New 140,000 sq.ft. corporate headquarters and manufacturing facility

The Wanamaker Building
Philadelphia, Pennsylvania
Evaluation and design of base building systems for the conversion of over 1 million sq.ft. of space in an historic retail building to Class A office space

The Weightman Group
Philadelphia, Pennsylvania
Tenant fit-up for 60,000 sq.ft. of Class A office space in an historic section of the Wanamaker Building

Three Mellon Center
Pittsburgh, Pennsylvania
Evaluation and retrofit of a 900,000 sq.ft., 41-story office building and computer center

Two Mellon Center
(Union Trust Building)
Pittsburgh, Pennsylvania
Evaluation and renovation of a 650,000 sq.ft., 11-story historic building for Class A office space

U.S. Army Corps of Engineers
District Office
Philadelphia, Pennsylvania
Tenant fit-up of 100,000 sq.ft. of office space within the historic Wanamaker Building

U.S. Coast Guard Building
Martinsburg, West Virginia
HVAC study and report for a 38,000 sq.ft. office building

U.S. Courthouse and Federal Building
Williamsport, Pennsylvania
Building renovations

U.S. Drug Enforcement Agency
Pittsburgh, Pennsylvania
New 50,000 sq.ft., two-story building, with 24,000 sq.ft. of office space on the upper floor with the ground floor serving as a garage

U.S. Federal Building and Courthouse
Wheeling, West Virginia
Renovation and addition; boiler replacement; courtroom renovation; parapet rehabilitation

U.S. Federal Office Building
Harrisburg, Pennsylvania
Passenger elevator controls and cab upgrades

U.S. Federal Office Building
Huntington, West Virginia
Plumbing and electrical system improvements

U.S. Federal Office Building
Martinsburg, West Virginia
HVAC renovation study and design/build construction document package; toilet room modernization



***Three Mellon Center.** This high-rise was retrofit in the mid-1980's and is currently undergoing a phased modernization program to provide an increased level of reliability for computer operations.*

U.S. Post Office and Courthouse
Erie, Pennsylvania
Renovation of a federal building, an historic library building, and construction of a new 50,000 sq.ft. connecting structure

U.S. Post Office and Courthouse
Pittsburgh, Pennsylvania
New fire alarm system; thermal storage and lighting analyses; structural modifications, new fitness center; schematic design for tenant fit-up of IRS Training Center; U.S. Marshals tenant fit-out study; U.S. Marshals firing range

U.S. Post Office and Courthouse

Scranton, Pennsylvania

New four-story, 120,000 sq.ft. courthouse annex, connecting atrium, and renovation of existing courthouse

USX Headquarters

Pittsburgh, Pennsylvania

Retrofit evaluation of a 64-story, 2.8 million sq.ft. high-rise

William S. Moorhead Federal Building

Pittsburgh, Pennsylvania

HVAC, plumbing, and fire service improvements; fire alarm feasibility study; thermal energy storage; lobby and toilet room renovations



Scranton Courthouse. The project included renovation design for two federal district courts in the existing building.

WVU Project Experience

H.F. Lenz Company has been serving WVU for 15 years and has held term contracts with the University since 1996.

Projects Awarded in the Past Three Years

- Renewal of Our Three Open-End Contracts for WVU, WVU Research Corporation, and WVU Other Institutions, current projects include:
 - **College of Physical Activity and Sports Science (CPASS), Evansdale Campus**
 - Design of a new 90,000 sq.ft. building that will house concession area, locker rooms, restrooms, cardio room, dance studio, 2,000 sq.ft. fitness center, 1,550 sq.ft. multi-purpose room, conference areas, classrooms, media lab, offices, storage areas, and lobbies
 - Design of five new intramural athletic fields including site lighting and power provisions for score board
 - **Health Sciences Campus** - Design of two new intramural fields and walking track, the project included the design of site lighting and roadway relocation
 - **Evansdale Towers** - Design of four new tennis courts and site lighting
- White Hall Laboratory Building Renovations
- Agricultural Science Building Landscape Architecture Fit-Out
- Business and Economics School HVAC Evaluation
- Communications Building Print Shop HVAC Evaluation
- Communications Building HVAC Retrofit
- Alumni Center Parking Lot Lighting and Security
- Stewart Hall Fire Escape Replacement
- Creative Arts Center Dust Collection Phase I
- Chemistry Annex Lab Space Fit-Out & New Generator
- Blanchette Rockefeller Neurosciences Institute Fit-Out
- Eiseland Hall Fire Alarm and Sprinkler Upgrades
- Engineering Sciences Building Lab Renovations
- NRCCE Equipment Access Platforms
- Stansbury Hall 23 KV Feeder Study
- Chemistry Annex Computer Rooms
- Chemistry Building Lab Exhaust Upgrades and AHU Replacement
- Mountainlair Ballroom Ceiling Replacement
- Fieldcrest Roof Top Unit Air Handler Replacement



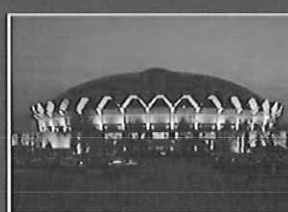


WVU Project Experience

- White Hall Installation of 23 kV Feeders
- Downtown Chiller Plant Fit-Out
- Evansdale Campus Master Planning
- Schematic Design of a New PE/EL/Outdoor Recreation Facility
- Towers Building Classrooms A & B HVAC Renovation
- WVU Data Center Study
- WVU, WVUH, HSC Master Plan

Additional WVU Experience

- Agricultural Sciences Building 38,000 sq.ft. Addition
- New 54,000 sq.ft. Alumni Center
- Demolition of Beechurst Boiler Plant
- Demolition of 17 Grant Street Building
- Brooks Hall Study to Convert 100,000 sq.ft. Laboratory Building into Classroom Building
- Conversion of Former Medical Center Boiler Plant for Use by the University's Grounds Department
- Central Office of the State College and University System WVNET facility Improvements
- Charles Wise, Jr. Library 124,000 sq.ft. Addition, 86,000 sq.ft. Renovation, and Commissioning Services
- Utility Survey of Evansdale Campus
- New High Density Book Storage Facilities I and II
- Phase IV and V Guideway Heating System Upgrade for the Personal Rapid Transit System
- Commissioning Services for the Plant Pathology Environmental Microbiology Research Facility
- Potomac State College's Church-McKee Arts Center Chiller Replacement
- Stansbury Hall HVAC Retrofit, 80,000 sq.ft.
- Commissioning Services for White Hall Chiller Plant
- Renovation of the WVU Coliseum
- WVU Mountainlair Barnes and Noble Bookstore and Cafe



WVU Project Experience

WVUH Experience

- Ruby Memorial Hospital - New 176,000 sq.ft. Addition and Renovation of 47,000 sq.ft. of Clinical Space
- New Central Plant to Serve over 878,000 sq.ft. of Clinical Space
- WVUH Heart Institute
- Bulk Oxygen Storage
- Fire Alarm Replacement
- Vacuum System
- Chilled Water Study
- Elevator Penthouse Cooling
- Pharmacy

Health Sciences Center Experience

- Robert C. Byrd Health Sciences Center Building Evaluation
- Radio and TV Services Master Plan
- Charleston HVAC Upgrades
- Oral surgery
- Morgue Retrofit
- Gross Anatomy



Mr. Gridley is responsible for the master planning and design of government office buildings, college and university facilities, health care facilities, data operations centers, commercial office buildings, utility systems, and renovation/retrofit of historic buildings. He is experienced in the design of chilled water, steam, hot water, refrigeration, air distribution, heat recovery and control systems, uninterruptible power supplies, underground power distribution systems, and interior building distribution systems of all types including building lighting, building security and surveillance, fire protection, normal and emergency power distribution, communication systems, and computer power systems.

West Virginia State Capitol
Charleston, West Virginia
New 4,800-ton central chilled water plant and distribution loop to seven buildings

Mellon Independence Center
Philadelphia, Pennsylvania
Renovation/restoration of an 890,000 sq.ft. historic high-rise office building

West Virginia State Office Building
Clarksburg, West Virginia
New 5-story, 100,000 sq.ft. office building to house multiple government agencies

Market Street State Office Building
Harrisburg, Pennsylvania
New 450,000 sq.ft. 16-story high-rise office building

U.S. General Services Administration
Charleston, West Virginia
New 2-story office building to house the FBI

The Frick Building
Pittsburgh, Pennsylvania
Renovation of a 350,000 sq.ft., 22-story historic high-rise office building

U.S. General Services Administration
Sabraton (USDA)
Morgantown, West Virginia
Tenant-fit out of approximately 40,000 sq.ft. of a GSA-leased building to be utilized by the U.S. Department of Agriculture. The fit-out space consists mainly of offices, conference areas, lobbies, mailroom, credit union, computer center, and storage space - LEED™ Certified

Grant Building
Pittsburgh, Pennsylvania
Mechanical/electrical evaluation and design of improvements

Reed Smith Shaw & McClay Law Library
Pittsburgh, Pennsylvania
New library for a 300-member law firm in an historic building

West Virginia University
Morgantown, West Virginia
– *124,000 sq.ft. addition and 86,000 sq.ft. renovation to the Charles Wise Library*
– *New 54,000 sq.ft. Alumni Center*
– *33,000 sq.ft. addition to the Agricultural Sciences Building*
– *Engineering Sciences Building Renovation*
– *Relocation of Campus Support Services*
– *White Hall Renovations*

Erie International Airport
Customs Building Addition
Erie, Pennsylvania
Complete HVAC, Plumbing, and Electrical design for a new office addition at the existing Customs Building

Education

Bachelor of Science, Architectural Engineering, 1979, Pennsylvania State University

Experience

H.F. Lenz Company 1979 – Present

Professional Registration / Certification

Licensed Professional Engineer in all 50 states and DC

Professional Achievements and Affiliations

First Place, 1987 ASHRAE International Energy Award • National Society of Professional Engineers • Pennsylvania Society of Professional Engineers • Professional Engineers in Private Practice • American Society of Heating, Refrigerating and Air-Conditioning Engineers • Building Officials Code Administrators International • National Fire Protection Association

Joel C. Shumaker, P.E., LEED-AP

Project Electrical Engineer and LEED™ Accredited Professional

Mr. Shumaker is experienced in the design of electrical systems for both new buildings and building retrofits for health care, educational, commercial, government, industrial, residential, and utility-related facilities. He is experienced in the design of power distribution systems; emergency power systems and monitoring; uninterruptible power supplies; lighting and emergency lighting systems; fire alarm systems; nurse call; security; sound; and telephone systems. As an electrical project engineer, Mr. Shumaker is responsible for client contact, project scheduling, preparation of reports and cost estimates, coordination and supervision of project design teams, and other project management functions. His project experience includes:

West Virginia State Office Building
Clarksburg, West Virginia
New 5-story, 100,000 sq.ft. office building to house multiple government agencies

U.S. General Services Administration
Charleston, West Virginia
New 2-story office building to house the FBI

U.S. General Services Administration
Sabraton (USDA)
Morgantown, West Virginia
Tenant-fit out of approximately 40,000 sq.ft. of a GSA-leased building to be utilized by the U.S. Department of Agriculture. The fit-out space consists mainly of offices, conference areas, lobbies, mailroom, credit union, computer center, and storage space - LEED™ Certified

West Virginia University
Morgantown, West Virginia
– *124,000 sq.ft. addition and 86,000 sq.ft. renovation to the Charles Wise Library*
– *New 54,000 sq.ft. Alumni Center*
– *33,000 sq.ft. addition to the Agricultural Sciences Building*
– *Engineering Sciences Building Renovation*
– *Relocation of Campus Support Services*
– *White Hall Renovations*

Social Security Administration
Wilkes-Barre, Pennsylvania
New 250,000 sq.ft data operations center

EPS Data Center
Wilmington, Delaware
New data operations center

Cellomics, Inc.
Pittsburgh Technology Center
Pittsburgh, Pennsylvania
New high-tech headquarters and laboratory/research facility

Reliant Energy
Johnstown, Pennsylvania
New fire alarm system in main office building annex

PictureTel Corporation
100 Minuteman Drive
Andover, Massachusetts
Fit-out of research and development laboratories and supporting office space totaling 330,000 sq.ft for the development and manufacturing of video conferencing equipment.

Pennsylvania State University
University Park, Pennsylvania
New 115,000 sq.ft. School of Architecture and Landscape Architecture - LEED Gold

Slippery Rock University
Slippery Rock, Pennsylvania
New 79,424 sq.ft. science and technology building

Education

Bachelor of Science, Electrical Engineering Technology, 1993, University of Pittsburgh at Johnstown

Experience

H.F. Lenz Company 1985 - Present

Professional Registration / Certification

Licensed Professional Engineer in Pennsylvania, West Virginia and Maryland

Professional Affiliations

Association of Physical Plant Administrators • National Society of Professional Engineers • Pennsylvania Society of Professional Engineers • Southern Building Code Congress International

John M. Weiland, P.E., LEED-AP

Mechanical Engineer and LEED™ Accredited Professional

Mr. Weiland has several years experience in the design of HVAC systems. His responsibilities have included design calculations, equipment selection, schematic and construction document design, specification writing, and life cycle cost analyses. His experience includes the design of mechanical systems for primary and secondary educational facilities as well as hospitals. His project experience includes:

West Virginia State Office Building
Clarksburg, West Virginia
New 5-story 100,000 sq.ft. office building to house multiple government agencies

West Virginia University
Morgantown, West Virginia
– *New 54,000 sq.ft. Alumni Center with office/conference room, dining and convention space*
– *New two-story, 38,000 sq.ft. addition to the Agriculture Sciences Building; the new space included research and teaching facilities, office space for faculty, and a state-of-the-art lecture hall that seats 250*
– *Renovation of White Hall*

West Virginia Radio Corporation
Morgantown, West Virginia
New 7,200 sq.ft. building housing a radio studio and office space

Westmoreland County Community College
New Kensington, Pennsylvania
New academic building

Pennsylvania State University
University Park, Pennsylvania
New 115,000 sq.ft. School of Architecture and Landscape Architecture - LEED™ Gold

St. Vincent College
Latrobe, Pennsylvania
Feasibility study and design services for the renovation and addition to the existing science complex, consisting of four buildings; the complex houses the chemistry, biology, physics,

and computer science departments - LEED Gold

Slippery Rock University
Butler County, Pennsylvania
Replacement of Vincent Science Building New 95,000 sq.ft. science building with energy recovery and variable volume lab controls, auditorium, and classroom spaces

West Liberty State College
West Liberty, West Virginia
Main Hall HVAC renovations

Big Spring School District
Newville, Pennsylvania
District administration office

Indiana University of Pennsylvania
Indiana, Pennsylvania
– *University Housing Master Plan*
– *Student Housing Phase I - 294,000 sq.ft. - LEED Certified*
– *Student Housing Phase II - 409,000 sq.ft. - LEED Certified*
– *Student Housing Phase III - 369,000 sq.ft. - LEED Certified*
– *Student Housing IV 255,000 sq.ft. - LEED Certified*

Allegheny College
Meadville, Pennsylvania
New design/build 230-bed 77,000 sq.ft. North Village Student Housing Phase II project, being designed to attain LEED Certification

Education

Bachelor of Architectural Engineering, 2002, Pennsylvania State University

Experience

H.F. Lenz Company 2002 - Present

Professional Registration / Certification

Professional Engineer in Pennsylvania; LEED™ Accredited Professional

Professional Affiliations

ASHRAE - Johnstown, PA Chapter

Mr. Kormanik has designed complete plumbing and sprinkler systems for laboratories, hospitals, colleges, schools, office buildings, industrial facilities, prisons, and military installations. He is responsible for plumbing and sprinkler system design, layout, calculations; selection and sizing of equipment; cost estimates; and site surveys. He 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:

U.S. General Services Administration
Sabraton (USDA)
Morgantown, West Virginia
Tenant-fit out of approximately 40,000 sq.ft. of a GSA-leased building to be utilized by the U.S. Department of Agriculture. The fit-out space consists mainly of offices, conference areas, lobbies, mailroom, credit union, computer center, storage space and a loading dock.
LEED™ Certified

West Virginia University
Charles Wise Library
Morgantown, West Virginia
124,000 sq.ft. addition and 86,000 sq.ft. renovation to existing facility

Market Street State Office Building
Harrisburg, Pennsylvania
Complete plumbing design for a new 16-story, 446,000 sq.ft. office building

Kennametal, Inc.
Solon, Ohio
Complete plumbing design for a 180,000 sq.ft. office/manufacturing facility

Pennsylvania State University
University Park, Pittsburgh
New 115,000 sq.ft. SALA building Project goal LEED™ Gold

GPU Energy, Penelec Corporate Headquarters
Johnstown, Pennsylvania
New underground water service and complete plumbing design for a headquarters renovation

Federal Correctional Institution
Loretto, Pennsylvania
Plumbing systems design for additions to cell block, maintenance building, and office building

The Pennsylvania State University
McKeesport, Pennsylvania
New Student Center including a full-service food service facility, cafeteria, bookstore, health suite, student government offices, game room, large multi-purpose room, and lecture hall designed with capability to house multi-media productions such as teleconferences and distance learning program

Westmoreland Hospital
Greensburg, Pennsylvania
Plumbing and fire protection design for a new four-story medical office building

U.S. Army Reserve Aviation Facility
Johnstown, Pennsylvania
Complete plumbing and fire protection design for a new multi-building reserve center including a training building and various support buildings.

Education

Associate, 1983, Interior Design

Experience

H.F. Lenz Company 1985 - Present

Professional Registration / Certification

Certified in Plumbing Design, ASPE

Certified Plumbing Plans Examiner (BOCA)

Certified Plumbing Inspector (BOCA)

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. Mr. McKendree has been involved in the design of fire protection systems for the following projects:

West Virginia State Office Building
Clarksburg, West Virginia
New 5-story 100,000 sq.ft. office building to house multiple government agencies

U.S. General Services Administration
Charleston, West Virginia
New 2-story, 21,000 sq.ft. office building to house a government agency

U.S. General Services Administration
Sabraton (USDA)
Morgantown, West Virginia
Tenant-fit out of approximately 40,000 sq.ft. of a GSA-leased building to be utilized by the U.S. Department of Agriculture. LEED™ Certified

The Pennsylvania State University
University Park, Pennsylvania
New 115,000 sq.ft. School of Architecture and Landscape Architecture building with classrooms, studios, and modern studio offices - has attained LEED Gold

West Virginia University
Morgantown, West Virginia
- Complete fire protection for a 124,000 sq.ft. addition and renovation of the 86,000 sq.ft. Charles Wise Library
- New 54,000 sq.ft. Alumni Center
- Renovation of White Hall
- Addition to Agricultural Sciences Building

FedEx Ground
Pittsburgh, Pennsylvania
Complete design services for a new five-story office building

Mellon Financial Corporation
Pittsburgh, Pennsylvania
Fire protection design for a new 750,000 sq.ft. Client Service Center

Cisco Systems, Inc.
Salem, New Hampshire
Mechanical/electrical retrofit of 650,000 sq.ft. office and manufacturing facility

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 III in Fire Protection Engineering Technology / Automatic Sprinkler System Layout

Mr. Blackner is responsible for the complete layout, design and detailing of building structural systems. He has diverse experience in the structural analysis and design of projects involving steel, engineered masonry, reinforced cast-in-place concrete, pre-cast/pre-stressed concrete and wood frame structures. His experience includes manufacturing facilities, industrial plants, office buildings, colleges and universities, and healthcare facilities. He has participated in site surveys and construction administration services. His project experience includes:

Equinix Data Center
Secaucus, New Jersey
Phase III (52,000 sq.ft.) expansion of a state-of-the-art Internet data center including all coordination with MEP systems and design of support structures for Liebert UPS modules and other equipment

Fortune 200 Insurance Company
Central Ohio
Structural design for a new \$88 million, 114,000 sq.ft. Tier IV data center; included support structures for twelve (12) Liebert NXL 750 kVA UPS modules; Project goal is LEED Gold

Science Park Data Center
Major Research University
Eastern United States
Structural analysis of existing penthouse

Carnegie Mellon University
Software Engineering Institute Data Center
Pittsburgh, Pennsylvania
Structural design for a cantilever roof structure to support new mechanical equipment and cooling towers

EDMC Data Center
Greater Pittsburgh Area
Structural planning and design of a 12,000 sq.ft. data center build-out

Robinson & McElwee Law Office Building
Charleston, West Virginia
New four story steel frame office building with composite beam floor construction. Due to the close proximity of the property lines, the foundation system consisted of a mix of caissons, auger cast piles and grade beams. The enforced building code was IBC2000.

West Virginia University Medical Center
Ruby Memorial Hospital
Morgantown, West Virginia
New eight-story medical building with a three-story vertical addition on a portion of the existing four-story building; Both buildings are connected via a three story skyway; All framing is structural steel with a caisson and grade beam foundation system

University of Charleston
Brotherton Hall
Charleston, West Virginia
Four-story dormitory building constructed of pre-cast hollow core plank on masonry bearing walls and miscellaneous steel framing

Grave Creek Mound Archaeological Complex
Moundville, West Virginia
New 10,000 sq.ft addition. The new steel bar joist roof structure and supporting engineered masonry walls were designed to be completely independent of the existing structure in order to satisfy the seismic requirements of the IBC2000 Building Code

Education

Associate, Mechanical Engineering Technology, 1988, Pennsylvania State University
Associate, Architectural Engineering Technology, 1988, Pennsylvania State University

Experience

H.F. Lenz Company 1998 – Present / L. Robert Kimball & Associates 1995 – 1998 / George D. Zambas Developer 1989 – 1995

Professional Certification

Licensed Professional Engineer in Pennsylvania • Connecticut • Georgia • Maine • Maryland • Massachusetts • New York • North Carolina

Professional Affiliations

American Institute of Steel Construction

SERVICE OFFERINGS

LAND PLANNING & SITE DESIGN

SURVEYING & MAPPING

CIVIL ENGINEERING

TECHNICAL INVESTIGATIONS

MATERIALS TESTING &
CONSTRUCTION MONITORING

ENVIRONMENTAL

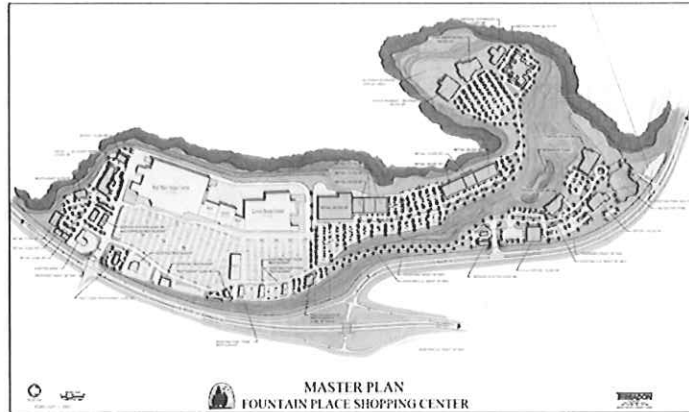
ROADWAY & BRIDGE DESIGN

ENERGY SERVICES

Executive Summary

TERRADON CORPORATION offers a wide range of engineering design and support services. For more than 20 years TERRADON has provided a wealth of engineering services, blanketing West Virginia and surrounding states with successful projects. The company built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today.

Staff includes engineers, landscape architects, surveyors, planners, environmental scientists, designers, and technicians.



Industrial Park Planning

TERRADON has provided land planning and design services for West Virginia's highest visibility Industrial Parks and Shopping Centers.

Due to the breadth of services offered, TERRADON is regarded as one of the region's leading infrastructure planning and design firms.

Disciplined Engineering: One Office and Solutions Under One Roof

TERRADON is particularly suited to provide multidisciplinary engineering within the various areas of West Virginia and the Appalachian region. The firm has been recognized through numerous awards from professional organizations and agencies including the West Virginia Department of Highways, the West Virginia Department of Environmental Protection and the West Virginia Chapter of American Institute of Architects.

TERRADON maintains more than 100 full-time, cutting-edge staff selected to provide particular client

needs. Its offices sustain customers through a wide-range of engineering offerings.

TERRADON's seven departments work cohesively to provide turn-key solutions that strive to exceed client expectations.

TERRADON's corporate culture promotes innovation and progressive thinking. Its employees understand the

purpose behind their services and work to cultivate lasting relationships with clients through honest, hard work.

The family-owned business has built its reputation by providing cost effective design solutions and maintaining the highest level of customer service.

LAND DEVELOPMENT

Land development covers a broad swath of TERRADON's service offerings and sees a large percentage of its revenue from repeat clients or referrals. The group is comprised mainly of Landscape Architects and Engineers and works closely with every other department within the company. TERRADON's Land Development department works with public and private entities and has a strong presence in the commercial, residential, educational, and recreation development sectors.

TERRADON Landscape Architects remain on the forefront of sustainable design, providing LEED Accredited professionals to clients. Projects utilizing sustainable design best practices aid clients in significantly reducing energy costs.

TERRADON's Land Development Services include:

- Master Planning
- Site Feasibility Studies
- Schematic Design
- Layout and Grading Plans
- Stormwater Management Plans
- Erosion Control Plans
- Planting Plans
- Presentation Drawings/Renderings
- Construction Observation

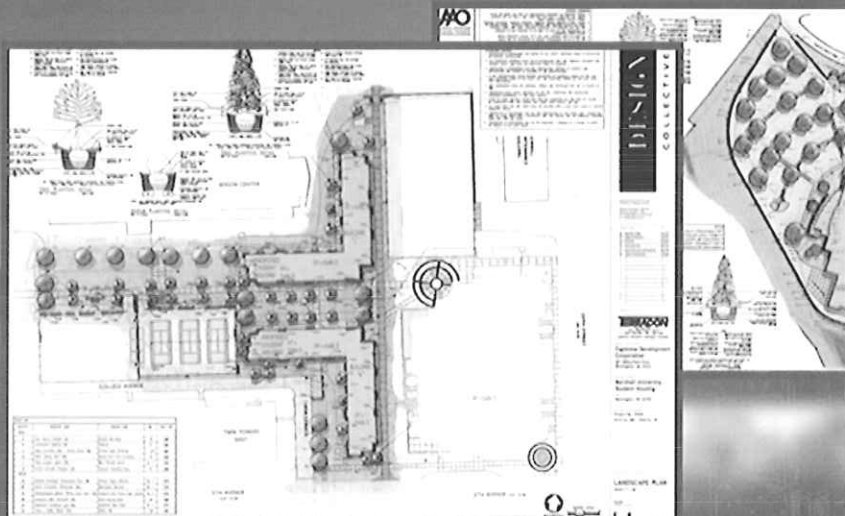
Gregory D. Fox, ASLA, LEED AP
Department Head: Land Development

TERRADON's Land Development Services are managed by Greg Fox. A native West Virginian, Fox has been responsible for hundreds of industrial, commercial and educational site development projects.

His group has earned numerous Engineering Excellence awards from industry associations, and provided planning and design services on some of the State's most well-recognized developments.

LAND DEVELOPMENT

TERRADON is recognized as a leader in site design and land planning. The firm's professional landscape architects work closely with the client from the project's initial phase through schematic design, construction documents, and project



ER & WASTEWATER

89, TERRADON has provided planning, design, and construction administration for millions of dollars of environmental projects including wastewater, water, and storm water improvement projects. The company has designed more than one million feet of water main - enough pipe to stretch from Charleston, North Carolina, to Charlotte, NC.

TERRADON engineers have numerous resources within the company to draw on, such as surveying, mechanical engineering, environmental engineering, landscape architecture, materials testing, and construction monitoring. This allows the project manager to control all phases of the design process, from site reconnaissance through construction.

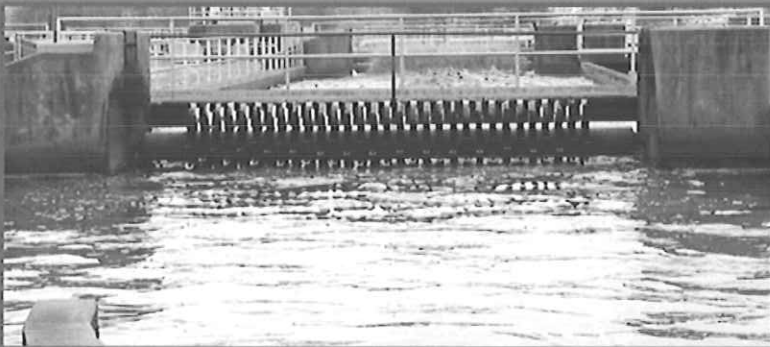
Downey
Senior Project Head - Civil Engineering

Downey manages TERRADON's Civil Engineering Group and focuses primarily on water and wastewater projects. With 35 years of experience, Downey brings a wealth of knowledge to TERRADON projects.

The Civil Engineering Group was responsible for the design of an infrastructure system larger than any in the state of West Virginia when it engineered water and wastewater treatment systems for the 11,000-acre Bechtel Reserve in Fayette County, WV.

Civil Engineering Services include:

- » Utility Design Engineering
- » Wastewater Collection, Pumping, and Treatment
- » Water Treatment, Storage, and Distribution
- » Natural Stream Design and Mitigation
- » Mine Reclamation
- » Utility Planning and Layout
- » Cut and Fill Analysis
- » Erosion and Sediment Control
- » Computer Modeling



CIVIL ENGINEERING

TERRADON has provided planning, design, and construction administration for millions of dollars worth of environmental projects including water, wastewater, and storm water improvement projects.

MATERIALS TESTING & CONSTRUCTION MONITORING

TERRADON offers materials testing and construction monitoring to document compliance with project specifications and regulatory requirements. The firm provides construction monitoring for utility, high-rise and commercial construction projects. TERRADON also provides laboratory and field testing of construction materials. Engineers and technicians at TERRADON are West Virginia Department of Highways certified for Portland Cement Concrete, Hot mixed Asphalt, Compaction, and Aggregates.

Materials and Monitoring Services include:

- Compressive Strength of Portland Cement Concrete (AASHTO-T119)
- Moisture Content of Freshly Mixed Concrete (AASHTO-T196 & T152)
- Weight and Yield (AASHTO-T121)
- Curing and Curing of Concrete Test Specimens (AASHTO-T23)
- Compressive Strength of Concrete Specimens (AASHTO-T22)
- Gradation and Course Aggregate Gradations (AASHTO-T11 and T27)
- Specific Gravity of Aggregates (AASHTO-T84 and T85)
- Shrinkage Limits (AASHTO-T89 and T90)
- Moisture Content of Soil (ASTM-D2216)
- Field Compaction Testing of Soil, Stone, and Hot Mixed Asphalt
- Preparation of Certification Forms and Construction Reports

William Hunt, PG, LRS
Department Head: Geo-Environmental

Bill Hunt oversees TERRADON Materials Testing and Construction Monitoring activities as Department Head for the company's Geo-Environmental practice.

Hunt is a 23-year industry expert with a background that includes numerous construction inspection projects. Hunt's inspection group provides a highly experienced staff with decades of construction monitoring experience.

MATERIALS TESTING CONSTRUCTION MONITORING

TERRADON offers materials testing and construction monitoring to document compliance with project specifications and regulatory requirements. The firm offers a staff that is well-versed in the field, holding all WVDOH certifications for materials testing.



SURVEY AND MAPPING

TERRADON has developed an extensive resume of successful surveying and mapping projects performed throughout the difficult terrain of West Virginia and surrounding states. The Survey and Mapping group provides services for a large number of private and public sector clients. TERRADON's experienced, staff of professional surveyors and mappers brings expertise and proficiency to every project.

Commitment and investment in state-of-the-art equipment and technology enable the company to overcome the unique and challenging project conditions and obstacles.

Thaw, PS
Assistant Head: Survey & Mapping

Thaw is Manager of Surveying Services for TERRADON. He organizes and supervises survey designs commercial sites for drainage, site locations, parking and utility projects; reviews project plans; and creates mapping. Thaw has nearly 25 years of experience in a wide range of land surveying applications. Thaw is well respected in the industry and oversees a staff that includes five Licensed Professional Surveyors.

Survey and Mapping Services Include:

- » GPS Control mapping
- » GIS
- » Underground utility location
- » Wetland delineation surveys
- » Base mapping for (GIS) geographic information system
- » Boundary surveys
- » ALTA/ACSM surveys
- » Topographic surveys
- » Engineering design surveys
- » Aerial Imagery
- » Horizontal and Vertical Control Surveys
- » Commercial subdivision platting
- » Residential subdivision platting
- » Cellular / Communications Towers Surveys
- » Hydrographic / Marine Surveying
- » Tree Surveys and Inventories



SURVEYING & MAPPING

A critical piece to the engineering and construction industry, TERRADON is regarded as a top-tier firm in the surveying and mapping trade. TERRADON focuses on construction stakeout, ALTA survey, topographic survey, and boundary survey services.

Experience & Project Examples

VIRGINIA WESLEYAN

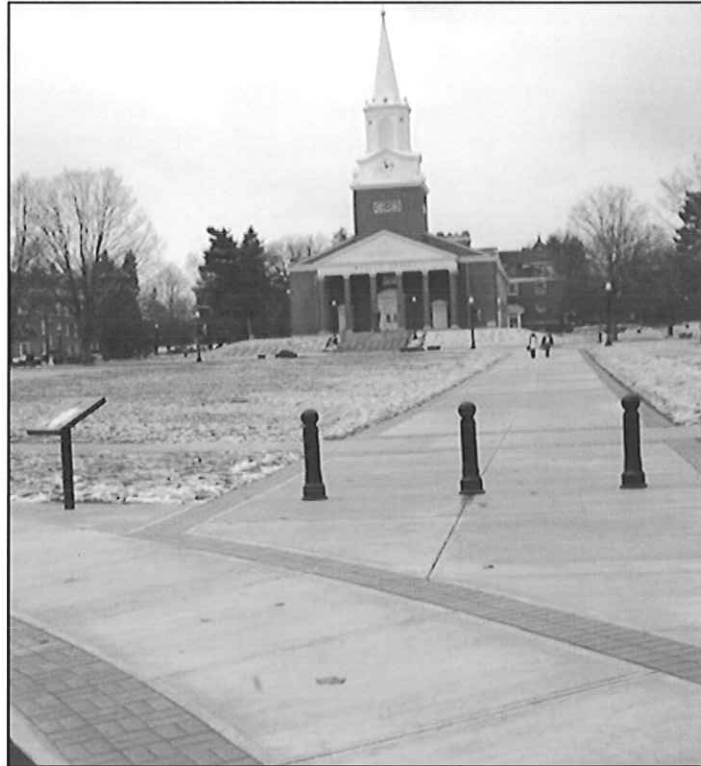
Virginia Wesleyan Campus Quad Redesign

Virginia Wesleyan College is a highly respected academic institution. Nestled in a gorgeous rural setting in Giles County, WV the campus is anchored by Wesley Chapel, one of the most notable in the state. This focal point of campus is flanked by manicured lawns and dispersed buildings.

Wesley Chapel has long been introduced to visitors by a half-mile-long parking loop and limited greenspace. The college commissioned TERRADON Corporation to provide site civil engineering design and landscape architectural services in 2010.

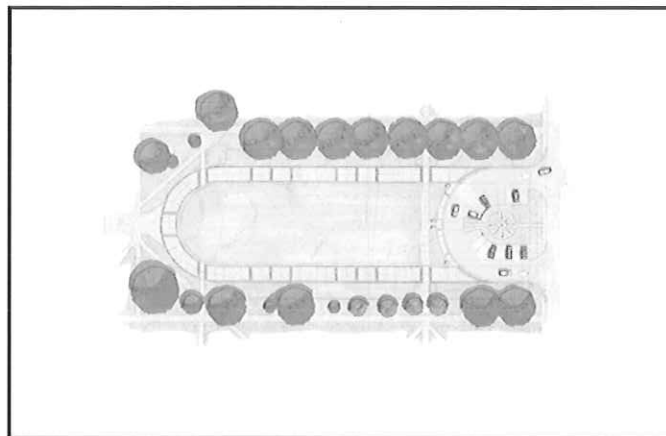
TERRADON staff designed a new paver-trimmed concrete pedestrian walkway, renovated greenspace, a visitor kiosk and a plaza/water feature to enhance campus aesthetics. The design immediately impacted the central quad, providing an inviting space for students and visitors to utilize the park-like setting.

Working with mature trees, the existing parking loop was left in place while a 20-foot-wide paver-lined concrete pedestrian walkway was constructed to bring the quad to level grade. This design feature saved on construction costs and provided a solid base for construction. TERRADON designers anchored the west end of the quad with a plaza/water feature. The low-maintenance design provides a visually pleasing highlight opposite Wesley Chapel.



TERRADON SERVICES PROVIDED

- » Design Survey
- » Conceptual Designs
- » Cost Estimating
- » Site Civil Engineering
- » Construction Drawing and Bid Documents
- » Project Engineering Support



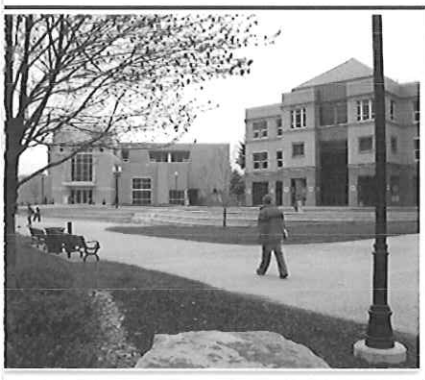
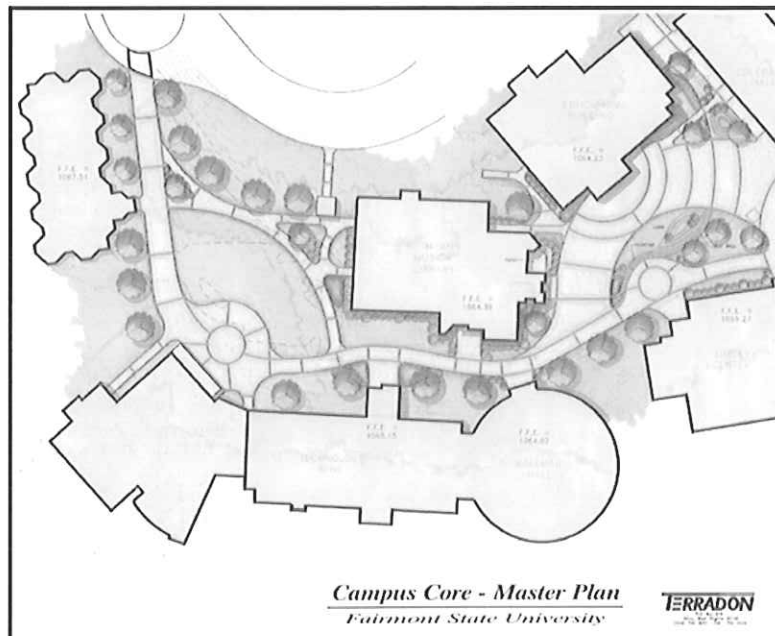
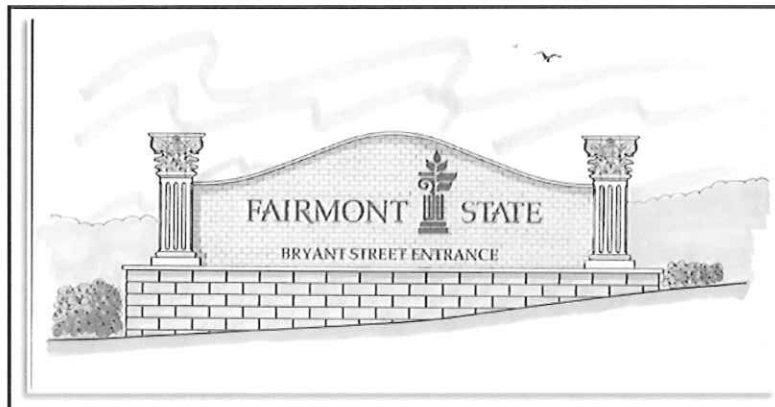
FAIRMONT STATE UNIVERSITY CAMPUS

Fairmont State University Inner Campus Master Planning

TERRADON Corporation provided site master planning and site civil engineering services for the Fairmont State University Inner Campus.

The project included the creation of an enhanced inner campus feel, providing student gathering areas and the provision of a more intimate collegiate setting. TERRADON's design incorporated a state-of-the-art campus fountain that provides a gentle waterfall and a seating bench while in use. The fountain is low maintenance, allowing the University to simply turn it off during cold weather. The fountain design provides a nice visual each time in use and turned off as the waterfall feature is hidden behind the seat-wall.

For the project, TERRADON provided hardscape and landscape planning, as well as performed all survey using laser level personnel and tools.



TERRADON: Related Firm Experience



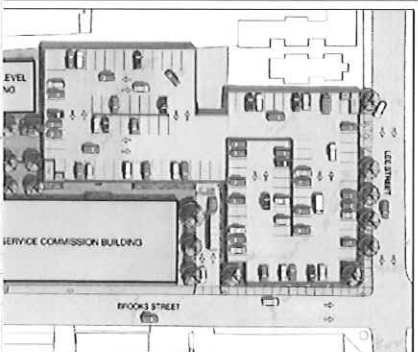
West Virginia Army National Guard Entrance

The West Virginia Army National Guard performed a road widening and repavement project including a concrete wash point for vehicles in Eleanor, WV. Additionally, the project included the construction of a new building onsite. TERRADON provided site design, roadway, parking lots, survey and geotechnical services.



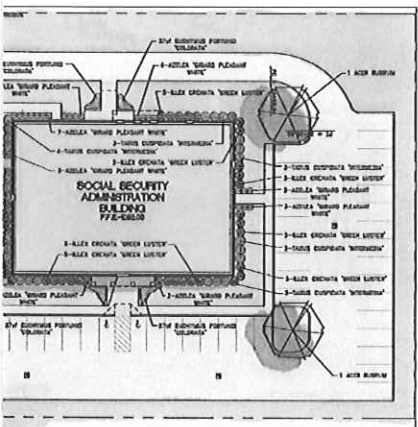
Kanawha County 911 Center

TERRADON provided master planning and site design for the Kanawha County 911 Center. The project included design and boundary survey, full sit engineering, drawings including layout, grading, drainage, and erosion control as a subconsultant to the architect.



West Virginia Public Service Commission Parking Garage

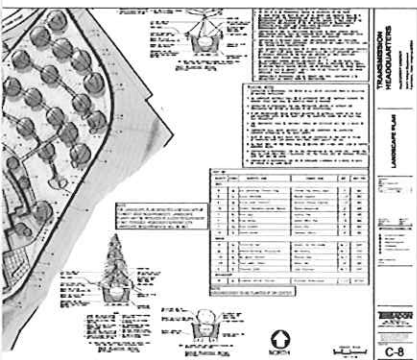
TERRADON provided master planning for the West Virginia Public Service Commission Parking Garage. Services included geotechnical, survey, design and boundary survey, full sit engineering, drawings including layout, grading, drainage and erosion and sediment control.



Social Security Administration Building—Logan, WV

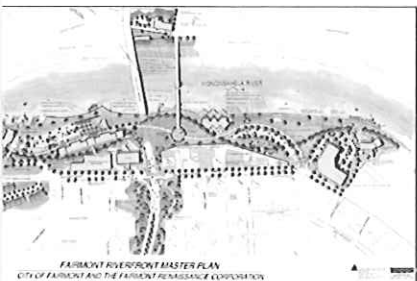
TERRADON provided master planning for the Social Security Administration Building in Logan, WV. Services included geotechnical, survey, design and boundary survey, full sit engineering, drawings including layout, grading, drainage and erosion and sediment control.

TERRADON: Related Firm Experience



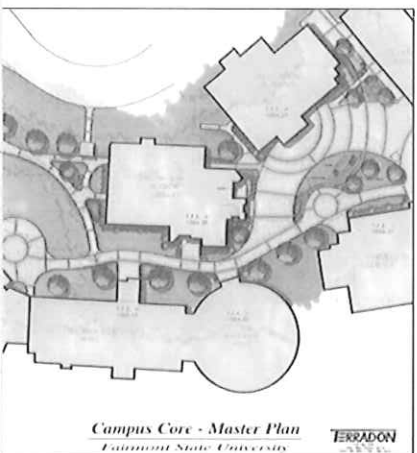
Allegheny Energy Office Complex

TERRADON provided master planning for the Allegheny Energy Complex located in Fairmont, WV. The project included site planning, survey, landscape and hardscape design. TERRADON was responsible for all site layout features including grading and drainage.



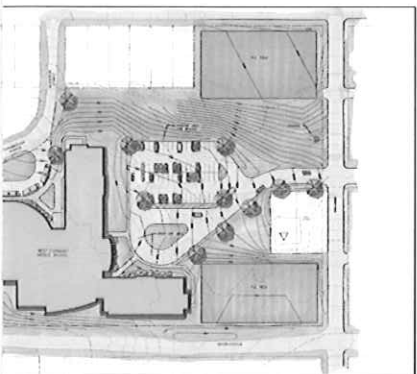
City of Fairmont Riverfront Masterplan

TERRADON provided master planning for the City of Fairmont riverfront. The plan provides site design and layout for recreational, event and public use. The project includes pedestrian walkways and flow coordination, site layout, drainage, amenity layout, landscape and hardscape design.



Fairmont State University Campus Core Planning

TERRADON provided master planning for Fairmont State University. The project included the layout of the core campus facilities including all site grading, landscape, drainage and the design of a seating wall/fountain and location kiosks.



West Fairmont Middle School

TERRADON provided master planning for West Fairmont Middle School. The project included site layout and design, drainage, traffic flow, pedestrian walkways and landscape design.

Key Personnel

KEY PERSONNEL

Gregory D. Fox, ASLA, LEED AP
Department Head—Land Development



Fox has been responsible for hundreds of notable commercial, educational and recreational site development projects during his 23-year career. During his time as Land Development Department Head, TERRADON has earned Engineering Excellence Awards from the West Virginia Association of Consulting Engineers, numerous Merit Awards from the American Society of Landscape Architects, and the Gold Award from the American Council of Engineering Companies.

Education

- » B.S. Landscape Architecture
West Virginia University
- » B.A. Geography & Planning
West Virginia University

Work Experience

- » 2000-Present
TERRADON Corporation
- » 1996-2000
Martin Boal Anthony &
Johnson Architects
- » 1993-1996
Site Design
- » 1989-1993
EG&G Inc
- » 1988-1989
PSC Engineers

Registrations

- » Landscape Architect: WV, OH,
NC, SC, PA, VA
- » LEED AP
- » American Society of
Landscape Architects
- » National Council on
Landscape Architectural
Registration Boards

Relevant Project Examples

- » **West Virginia State University**
Responsible for Site Design, Utility Design, Drainage and Layout for AECOP Parking Lot, Educational and Storage Facility. Oversee Campus Physical Inventory.
- » **Marshall University**
Responsible for Site Design, Utility Design, Grading and Drainage for Applied Sciences Building, Student Housing, Wellness Center and Parking Garage. Provided ADA compliancy on campus buildings and site design for existing soccer field.
- » **Mountain State University**
Responsible for Planning and Design of campus features including new buildings and parking lot additions.
- » **Fairmont State University**
Responsible for Master Planning and Design of inner campus, including design of seating fountain, drainage features and landscaping.
- » **K-12 Educational Facilities**
Responsible for Master Planning, Site Layout and Design, Schematic Renderings, Parcel Identification, Feasibility and Cost Analysis, and construction drawings for hundreds of k-12 educational facilities throughout West Virginia. Projects include new construction as well as renovations and additions.

KEY PERSONNEL

Davis Fennell, P.E.

Project Manager



Over sixteen years of Civil and Environmental Engineering experience in industry, land development, and municipal public works, including the last thirteen years as a consultant in southeastern North Carolina servicing the public works and land development needs in both the public and private sector. These services include master planning, roadway design, gravity sanitary sewer collection system design, sanitary sewer pump station and force main design, pressure sanitary sewer system design, water distribution system modeling and expansion design, storm drainage system collection and retention/detention design, storm water and erosion control design, along with permitting, construction administration, and compliance monitoring in all areas.

Education

B.S. Civil Engineering—1994
North Carolina State University
B.S. Environmental Engineering
-1994
North Carolina State University

Work Experience

2011 – Present
TERRADON Corporation
2007 – 2011
Coast Line Engineering, PLLC
Owner and Sole Proprietor
1998-2007
Cape Fear Engineering, Inc.
Principal Engineer
1997-1998
McKim and Creed Engineers
Engineer in Training
1994-1997
Martin Marietta Materials, Inc.
Environmental Engineer

Affiliations

National Society of Professional
Engineers
American Society of Civil Engi-
neers

Registrations

P.E. : West Virginia
P.E. : North Carolina
P.E. : South Carolina

Relevant Project Experience

- » WVHEPC Advanced Technology Centers
Provided site grading, erosion and sediment control, and utility design for two West Virginia Higher Education Policy Commission Advanced Technology Centers located in Fairmont, WV and South Charleston, WV respectively.
- » WV K-12 Educational Facilities
Provided site civil engineering on multiple k-12 education facilities throughout West Virginia. Engineering activities include utility and drainage design, site layout, grading and design. Facilities include school additions, new school construction and athletic fields.
- » Beckley Veteran's Affairs Parking Garage
Site civil engineering design for a four-story parking garage located in Beckley, West Virginia. Project activities include utility and drainage design, permitting, site grading and general engineering design.
- » Sheetz Services Centers
Provided engineering design and construction documentation for Sheetz Service Centers in various locations throughout West Virginia. Projects consisted of site layout and design, utility design, drainage layout and design.
- » Putnam County Commission Engineering Design
Provided engineering support on a number of Putnam County West Virginia projects, including engineering layout and design for a new traffic flow pattern and drainage design for a Valley Park Master Planning project. Additionally, provided engineering design support for a number of public/private waterline extension projects, and school utility projects. Fennel provides engineering design on k-12 school projects in Putnam County, WV.
- »

KEY PERSONNEL

Robert Thaw, PS

Department Head: Survey and Mapping



Mr. Thaw is Manager of Surveying Services for TERRADON. He organizes and supervises survey crews; designs commercial sites for drainage, building site locations, parking and utility easements; reviews project plans; and creates site mapping. Mr. Thaw has more than 22 years of experience in a wide range of land surveying applications. He is experienced with the day-to-day operation of the business and management of personnel.

Education

- » B.A., Survey Technology, 1981, West Virginia Institute of Technology
- » B.S., Surveying, 1985, West Virginia Institute of Technology

Work Experience

- Terradon Corporation
1994-Present
- Bowman Land Surveying
1992-1994
- Dunn Engineers
1990-1992
- Kelley Gidley Blair and Wolf
1988-1990
- Pierson & Whitman Architects and Engineers
1984-1986

Registration

- Professional Surveyor, West Virginia

Relevant Project Experience

- » Hillsville Bypass, 2008
Mr. Thaw coordinated office and field crews and reviewed the data for: cross sections, grade stakes and quantities. The Hillsville Bypass project had four million yards of material to be excavated. The project duration was 1.5 years. Both conventional and GPS equipment was utilized layout. Trimble 5800 base receivers and repeaters were transmitting corrections the two rover units.
- » Fairmont Connector 2009-Present
Mr. Thaw coordinated the office and field crews for the Fairmont Interchange Connector. The project included demolition of buildings, sidewalks construction, MSE walls, bike path, and bridge. Gps and total stations are currently being utilized on the project. Mr. Thaw supervises the control work, grade stakes, slope staking, and office computations.
- » Paden City water service study, Paden City WV. Terradon was a subcontractor responsible for complete water service as-built. The project consisted of approximately 13 miles of water line to be mapped and cataloged. Responsible for all survey aspects and mapping
- » Underground utility as-built for all of Southridge Centre, Dudley Plaza, Trace Fork, and Nitro Market Place. As-built of all underground utilities including storm sewer. The scope included horizontal location, vertical location, and connectivity. The all underground information was compiled, reconciled, and shown in tabular form in AutoCAD. Responsible for all survey aspects and mapping.
- » Martinsburg Drainage Study, Martinsburg, WV. TERRADON Corporation was contracted by WVDOH to perform a drainage study for the City of Martinsburg, WV. The project involved the development of a comprehensive drainage study comparing pre and post development conditions. TERRADON performed aerial photography, mapping, right-of-way and as-built storm sewer system as part of the contract. Responsible for coordination aerial mapping, GPS control, field location and AutoCAD mapping.

References, Offices & Contacts

REFERENCES, OFFICE LOCATIONS, CONTACTS

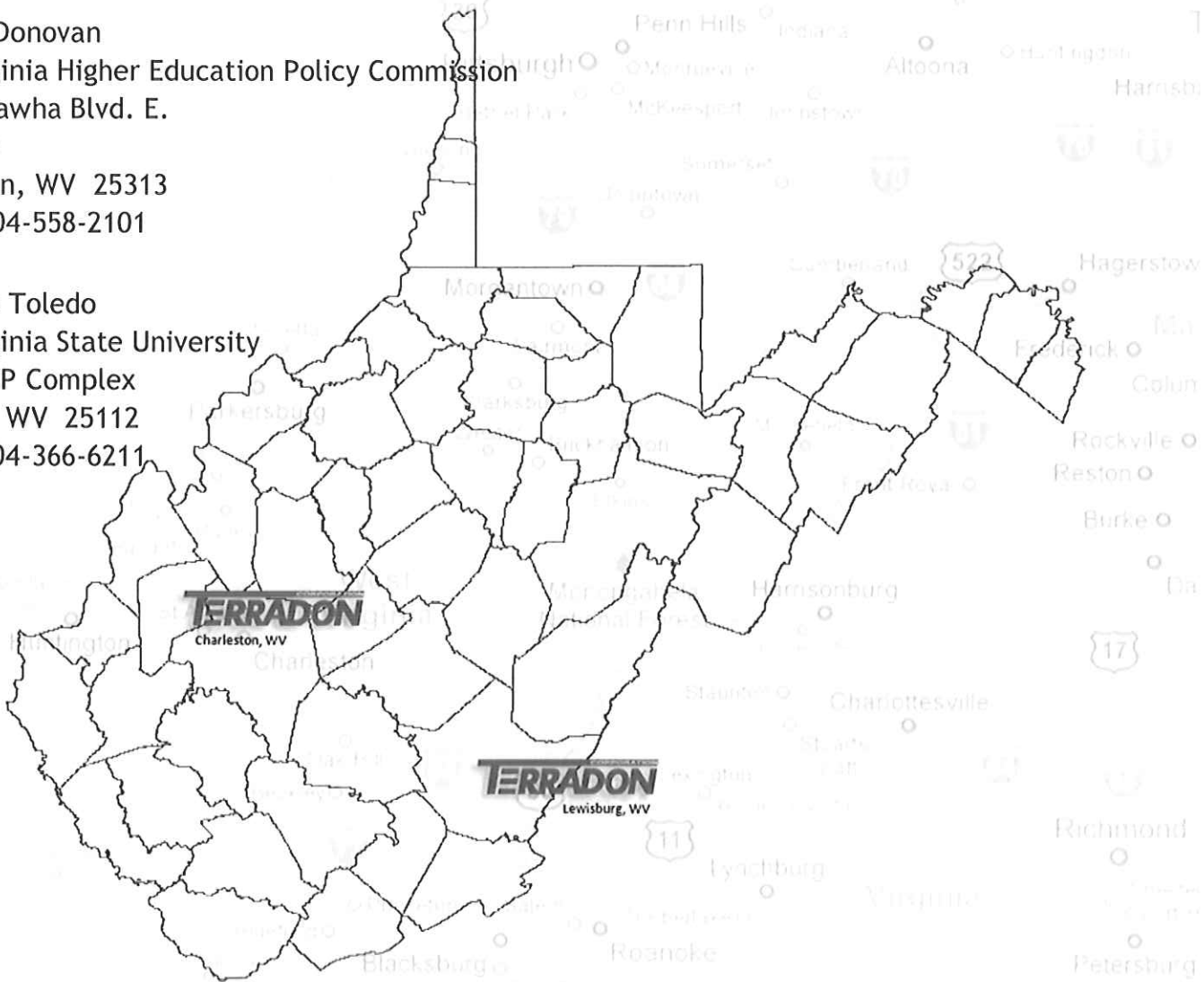
TERRADON has provided engineering services throughout West Virginia and neighboring states for over 20 years. The firm is highly regarded by governing agencies and industry leaders as a cost-effective, and reputable engineering resource.

References:
Richard May
Director of Facilities Planning & Management
Marshall University
100 John Marshall Drive
Morgantown, WV 25755
Phone: 304-696-2585

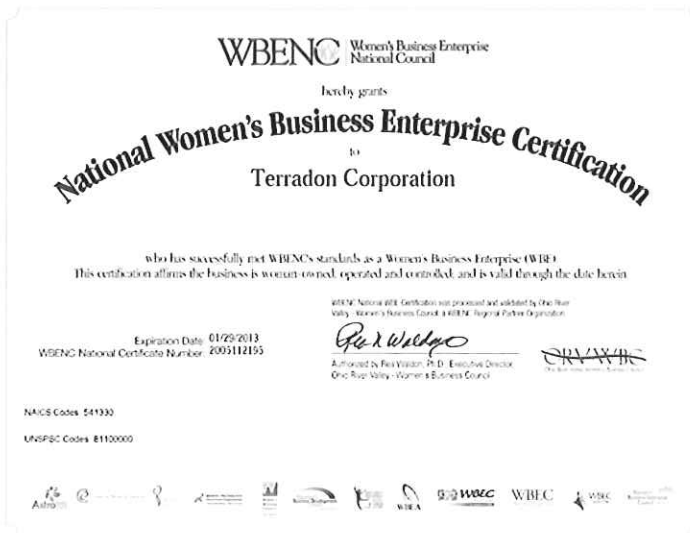
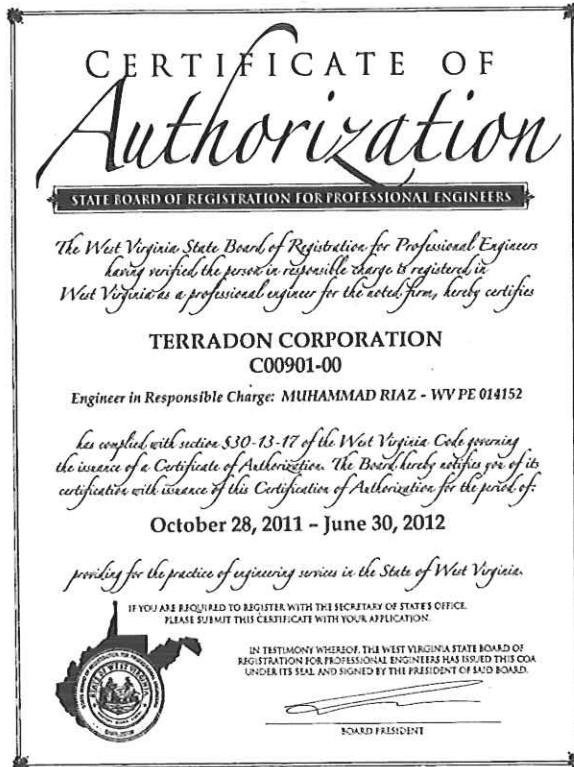
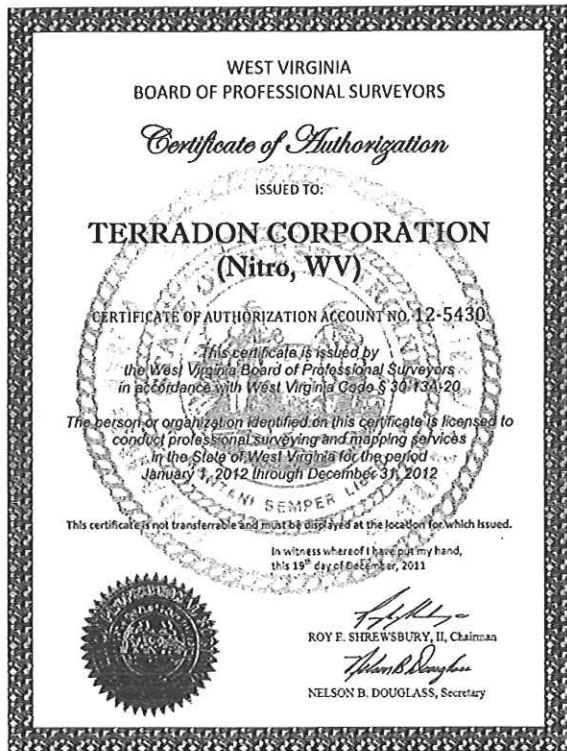
Michael Donovan
Virginia Higher Education Policy Commission
100 Kanawha Blvd. E.
Martinsburg, WV 25313
Phone: 304-558-2101

Christine Toledo
Virginia State University
CEOP Complex
Harrisonburg, WV 25112
Phone: 304-366-6211

TERRADON Corporation
401 Jacobson Drive
Poca, WV 25159
Contact: Ryan Wheeler
ryan.wheeler@terraddon.com



Certifications





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
GSD126401

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
**KRISTA FERRELL
 304-558-2596**

RFQ COPY

TYPE NAME/ADDRESS HERE

Omni Associates - Architects, Inc.
 1543 Fairmont Ave., Ste. 201
 Fairmont, WV 26554

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DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING FOUR
 112 CALIFORNIA AVENUE
 CHARLESTON, WV
 25305 304-558-2317

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QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
1	LS		906-07		
<p>A&E SERVICES BUILDING 4 RENOVATION</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF GENERAL SERVICES, IS SOLICITING EXPRESSIONS OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR RENOVATIONS TO BUILDING #4 LOCATED ON THE WEST VIRGINIA STATE CAPTIOLO COMPLEX IN CHARLESTON, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA FAX AT 304-558-4225 OR VIA EMAIL AT KRISTA.S.FERRELL@WV.GOV.</p> <p>DEADLINE FOR ALL TECHNICAL QUESTIONS IS 04/05/2012 AT THE CLOSE OF BUSINESS.</p> <p>ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL WRITTEN ADDENDUM TO BE ISSUED AFTER THE DEADLINE HAS LAPSED.</p> <p>VERBAL COMMUNICATION: ANY VERBAL COMMUNICATION BETWEEN THE VENDOR AND ANY STATE PERSONNEL IS NOT BINDING. ONLY INFORMATION ISSUED IN WRITING AND ADDED TO THE EOI BY FORMAL WRITTEN ADDENDUM BY PURCHASING IS BINDING.</p>					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

Principal	FEIN	55-0747253	TELEPHONE	304-367-1417	DATE	04/10/2012
ADDRESS CHANGES TO BE NOTED ABOVE						

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

ards will be made in the best interest of the State of West Virginia.

State may accept or reject in part, or in whole, any bid.

or to any award, the apparent successful vendor must be properly registered with the Purchasing Division
ave paid the required \$125 fee.

services performed or goods delivered under State Purchase Order/Contracts are to be continued for the
of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise
made available. In the event funds are not appropriated or otherwise available for these services or goods
urchase Order/Contract becomes void and of no effect after June 30.

ment may only be made after the delivery and acceptance of goods or services.

est may be paid for late payment in accordance with the *West Virginia Code*.

or preference will be granted upon written request in accordance with the *West Virginia Code*.

State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.

laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the
sing process.

y reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written
ment of the parties.

ANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, the State may deem
tract null and void, and terminate such contract without further order.

HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate
um (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.html
hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity
§160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such
ally identifiable information or other confidential information gained from the agency, unless the individual who is
ject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's
, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information
Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and
ments by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary
's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must
all necessary releases to obtain information to enable the director or spending unit to
at the vendor is licensed and in good standing with the above entities.

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

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

INSTRUCTIONS TO BIDDERS

ie quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.

ffered must be in compliance with the specifications. Any deviation from the specifications must be clearly
l by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly

A bidder offering an alternate should attach complete specifications and literature to the bid. The
ng Division may waive minor deviations to specifications.

rices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate
terms are clearly identified in the quotation.

otations must be delivered by the bidder to the office listed below prior to the date and time of the bid

Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of

ation, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130

unication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division,
prohibited (W.Va. C.S.R. §148-1-6.6).



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
GSD126401

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2

ADDRESS CORRESPONDENCE TO ATTENTION OF
**KRISTA FERRELL
 304-558-2596**

RFQ COPY

TYPE NAME/ADDRESS HERE

S H I P T O

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING FOUR
 112 CALIFORNIA AVENUE
 CHARLESTON, WV
 25305 304-558-2317

PRINTED:	TERMS OF SALE	SHIP VIA	FOB:	FREIGHT TERMS
21/2012				

DATE: **04/12/2012** BID OPENING TIME **01:30PM**

QUANTITY	UOP	QAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>NO CONTACT BETWEEN THE VENDOR AND THE AGENCY IS PERMITTED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE STATE BUYER. VIOLATION MAY RESULT IN THE REJECTION OF THE BID. THE STATE BUYER NAMED ABOVE IS THE SOLE CONTACT FOR ANY AND ALL INQUIRIES AFTER THIS EOI HAS BEEN RELEASED.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.:</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:</p> <p>NO. 1</p> <p>NO. 2</p> <p>NO. 3</p> <p>NO. 4</p> <p>NO. 5</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE</p>					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

FEIN	TELEPHONE	DATE
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ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN BRACE ABOVE LABELED "VENDOR"



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

Request for Quotation

RFO NUMBER
 GSD126401

PAGE
 3

ADDRESS CORRESPONDENCE TO ATTENTION OF:
 KRISTA FERRELL
 304-558-2596

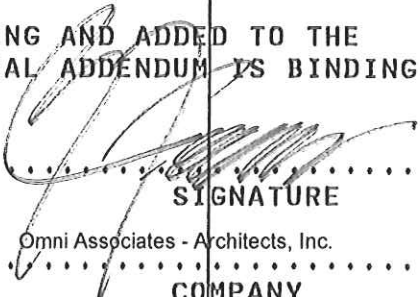
RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING FOUR
 112 CALIFORNIA AVENUE
 CHARLESTON, WV
 25305 304-558-2317

PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
21/2012				

DATE: 04/12/2012 BID OPENING TIME 01:30PM

QUANTITY	UOP	QAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">  SIGNATURE Omni Associates - Architects, Inc. COMPANY 04/10/2012 DATE </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE EOJ.</p> <p>REV. 09/21/2009</p> <p>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.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED EOJ MUST BE SUBMITTED TO:</p> <p style="text-align: center;"> DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 </p>					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

TELEPHONE	DATE
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FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
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ALL BIDDING TO BE SUBMITTED TO THE PURCHASING DIVISION, DEPARTMENT OF ADMINISTRATION, 2019 WASHINGTON STREET, EAST, CHARLESTON, WV 25305-0130



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
GSD126401

PAGE
4

ADDRESS CORRESPONDENCE TO ATTENTION OF
**KRISTA FERRELL
 304-558-2596**

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING FOUR
 112 CALIFORNIA AVENUE
 CHARLESTON, WV
 25305 304-558-2317

PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
21/2012				

DATE: **04/12/2012** BID OPENING TIME **01:30PM**

QUANTITY	UOP	QAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
THE EOI SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE EOI MAY NOT BE CONSIDERED: SEALED EOI BUYER: KRISTA FERRELL-FILE 21 EOI. NO.: GSD126401 EOI OPENING DATE: 04/12/2012 EOI OPENING TIME: 1:30 PM PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR EOI: 304-367-1418 ----- CONTACT PERSON (PLEASE PRINT CLEARLY): Richard T. Forren AIA, NCARB ----- ***** THIS IS THE END OF RFQ GSD126401 ***** TOTAL: _____					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

TELEPHONE	DATE
FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county, city, town, village, municipality; county board of education; any instrumentality established by a county or municipality; any rate 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 in the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the contest 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: Omni Associates Architects, Inc.

Authorized Signature:  Date: 04/10/2012

City of West Virginia

County of Marion, to-wit:

I, the undersigned, subscribed, and sworn to before me this 10th day of April, 2012.

My Commission expires February 9, 2021.

(SEAL HERE

NOTARY PUBLIC 



