Omni Associates - Architects

28 May 2013

LTC David Schaffer
West Virginia Army National Guard
Construction & Facilities Management Office
1705 Coonskin Drive
Charleston, WV 25311-1085

RE: DEFK 13010
MEDCOM Facility Build-Out Design

Dear LTC Schaffer:

Omni Associates – Architects is very pleased to submit our expression of interest for the West Virginia Army National Guard MEDCOM Facility Build-Out Design.

The team we have assembled includes **Omni Associates, Tower Engineering** and **Allegheny Design Services**. Our firms share a history of successful collaboration on a variety of projects, including West Virginia Army National Guard projects such as the Eleanor AFRC and CSMS, the Fairmont AFRC, and the Buckhannon Readiness Center.

As Omni's Principal, I will guide the team and serve as the point-of-contact for the WVARNG throughout the project's duration. I have specific **military experience** and expertise that has proven to be very valuable on past projects. As a Colonel in the United States Army Reserves, I am currently assigned to ARNORTH as the Army's Emergency Preparedness Liaison Officer (EPLO) for West Virginia. My experience over the past 30 years, both on active duty and active Reserves, combined with our team's design experience with the WVARNG, allows us to be **an extension of your staff with no learning curve** when it comes to your needs and requirements.

Our team's additional relevant experience includes a variety of medical facilities ranging from small clinics to large hospital additions and renovations. Our diverse body of work, which includes the design of renovations and new construction for both military and medical facilities, makes us uniquely qualified for your MEDCOM project.

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 dedicated to helping you realize your projects on time and within budget.

Thank you for allowing us to present our credentials. We look forward to the opportunity to work with the WVARNG again.

Sincerely,
Omni Associates – Architects, Inc.

Richard T. Forren, AIA, NCARB
Principal

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

Solicitation

NUMBER	PAGE
DEFK13010	1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
TARA LYLE
304-558-2544

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE
Omni Associates - Architects, Inc.
1543 Fairmont Ave., Ste. 201
Fairmont, WV 26554

SHIP TO
DIV ENGINEERING & FACILITIES
ARMORY BOARD SECTION
1707 COONSKIN DRIVE
CHARLESTON, WV
25311-1099 304-341-6368

DATE PRINTED
05/01/2013

BID OPENING DATE: 05/30/2013 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		

SIOH SERVICES

EXPRESSION OF INTEREST (EOI)

THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, DIVISION OF ENGINEERING & FACILITIES, WV ARMY NATIONAL GUARD, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL DESIGN SERVICES FOR A MEDICAL COMMAND FACILITY, TROOP MEDICAL CLINIC LOCATED IN CHARLESTON, WV, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.

ATTACHMENTS INCLUDE:

DEFK13010 EXPRESSION OF INTEREST
INSTRUCTIONS TO VENDORS SUBMITTING BIDS
GENERAL TERMS AND CONDITIONS
CERTIFICATION AND SIGNATURE PAGE
PURCHASING AFFIDAVIT

****** THIS IS THE END OF RFQ DEFK13010 ****** TOTAL:

SIGNATURE	TELEPHONE	DATE
	304-367-1417	05/28/2013
TITLE: Principal	FEIN: 55-0747253	ADDRESS CHANGES TO BE NOTED ABOVE

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

000026

CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

Omni Associates - Architects, Inc.
(Company)

(Authorized Signature)

Richard T. Forren AIA, NCARB
(Representative Name, Title)

304-367-1417 304-367-1418
(Phone Number) (Fax Number)

28 May 2013
(Date)

000003

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DEFK13010

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

[X]	Addendum No. 1	[ ]	Addendum No. 6
[ ]	Addendum No. 2	[ ]	Addendum No. 7
[ ]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Omni Associates - Architects, Inc.
Company

Authorized Signature

05/29/2013
Date

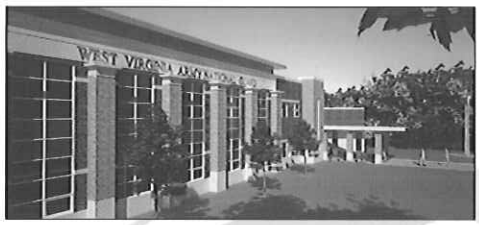
NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

WV Army National Guard
MEDCOM Facility Build-Out Design

Expression of Interest

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



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omni associates—architects, inc. www.omniassociates.com

Scan the 2-D code with your smart-phone for additional information about OMNI.

omni associates
ARCHITECTS

DEFK13010

General Qualifications

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 1981, OMNI has earned recognition in the programming, planning, and design of a variety of facility types, including K-12 schools, higher education facilities, office buildings, recreational 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.

Omni 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 are a proven team that listens, provides professionalism and attention to detail, and produces a quality product. 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.

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).

Our work has involved a variety of funding sources including 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.

Omni Associates provides clients with the results they value most: innovative designs consistent with the building program, cost effective designs which meet the budget, and efficient project management to provide on-time deliverables. We're confident in our expertise, and our clients are confident in our reputation for superior services.

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 1981

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

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ARCHITECTS

Omni Associates - Architects provides comprehensive, in-depth professional architectural services for new construction, renovation, addition, and adaptive reuse utilizing a variety of delivery methods to best serve our clients' needs.

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

Conceptual Design & Planning

Master Planning

Program Development

Renderings

Cost Estimation

Schematic Design

Design Development

Construction Document Development

Bidding & Negotiating

Construction Administration

Post-Contract Services

Facility Management Services

Feasibility Studies

Legal Consultation

Historical Restoration

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Technical Expertise

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.

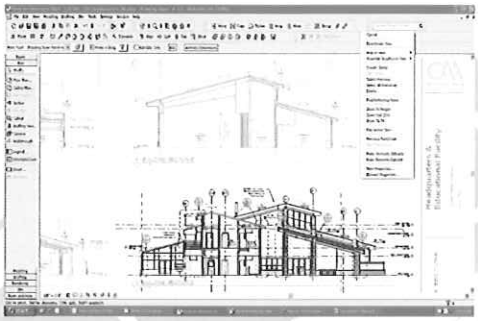
In 2006, Omni Associates began the transition from traditional CAD software to Autodesk® Revit® Building Information Modeling (BIM). We immediately recognized the basic benefits to both designers and owners: more efficient, cost-effective project delivery and an accurate building model that can later assist in energy analysis and building management.

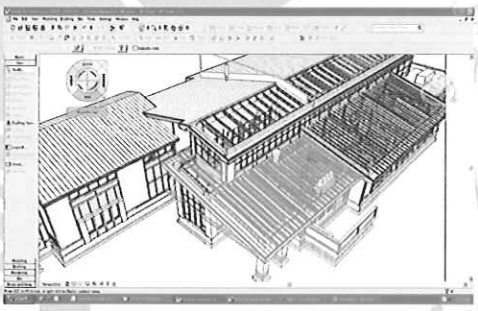
Omni implemented the use of BIM as our primary software platform for all projects in 2006. In utilizing BIM, we discovered the real depth of its value:

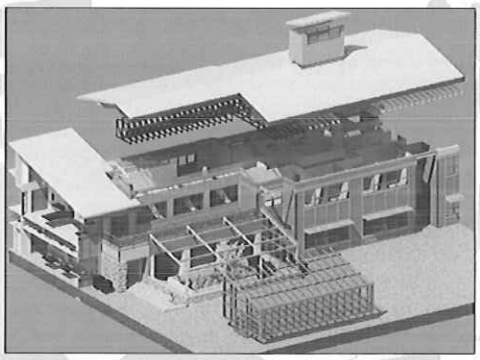
- With a virtual model of the building, clients can clearly see the design intent as the project progresses and design options can be explored with greater ease than ever before.
- Sharing the model among all disciplines as the design progresses allows early input from all of the design professionals involved, resulting in efficient designs.
- 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.

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.

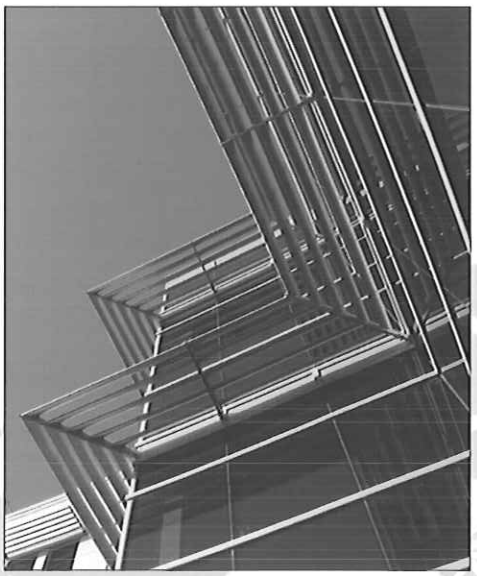






Electronic Submission of Project Documents

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.

Cost Estimating

We take pride in our approach to solving our client's aesthetic goals while meeting budgetary constraints. Omni utilizes several methods of cost estimating to provide reliable cost of construction estimates for various construction types. The combination of these resources provides reliable costs of construction for various building types.

- Historical data from previous projects
- Construction-estimating periodicals such as *Means Square Foot Costs*
- Consultation with leading construction firms in the project region
- Professional cost estimators who evaluate a set of specifications and/or progress prints provided by our firm to determine estimated construction costs based on the project's specific location. For this project, cost estimation will be performed by **Blundall Associates**, a construction cost consulting firm with whom we've established a very successful working relationship over the past few years.

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.

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.

Occupancy, Commissioning, Permits and Plan Approvals

West Virginia codes have a major influence on the design of any building. 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 30 years. Omni has made it a practice to have face-to-face reviews with the WVSFM, which provide valuable feedback and result in many hours saved during design and production.

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.

A new headquarters for Canaan Valley Institute (CVI) in Davis, West Virginia completed construction in 2010. In accordance with CVI's mission, the Omni design team planned a "green" building that demonstrates environmentally friendly systems to visitors. The team utilized a number of "green" technologies and achieved its goal of LEED Silver certification.

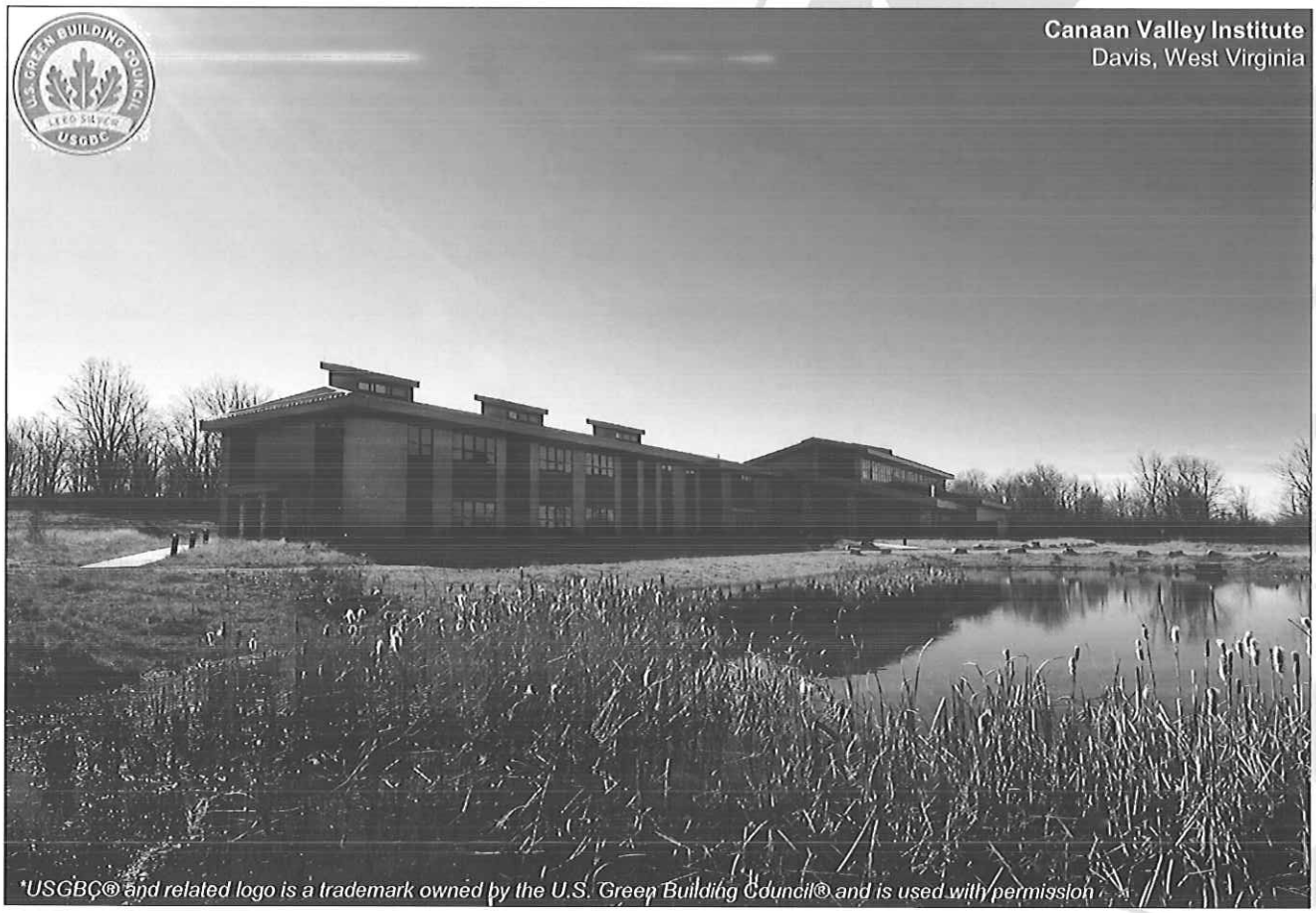
Omni was also the Architect for the Mon Power Regional Headquarters in Fairmont, West Virginia. Completed in 2011, this project also

Recently Certified:

- Charleston Professional Building—LEED Silver

Current LEED Projects:

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



*USGBC® and related logo is a trademark owned by the U.S. Green Building Council® and is used with permission

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Management and Staffing Capabilities

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.

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.

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 has created a team of professionals who provide services for the specific needs of this project. It is these sensitivities that have dictated the creation of this team to include **Omni Associates - Architects, Allegheny Design Services,** and **Tower Engineering.**

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

Firm Memberships:

American Institute of Architects
U.S. Green Building Council
West Virginia High Technology Consortium
Marion County Chamber of Commerce

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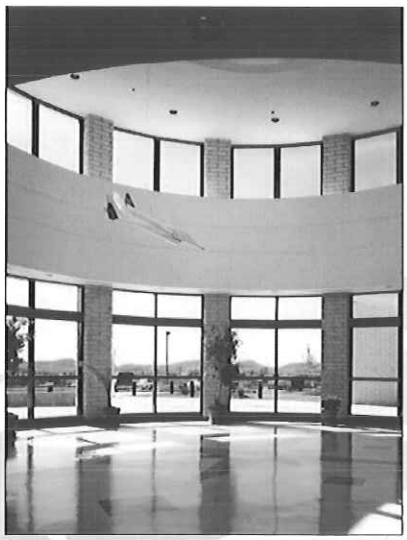
omni associates ARCHITECTS

Proposed Staffing Plan

Omni Associates – Architects, Inc.



Omni Associates will serve as the lead firm and coordinator of architectural and engineering services for the West Virginia Division of Natural Resources. Omni has extensive experience with the planning, design, and construction administration of military facilities including maintenance facilities and readiness centers. Our experience with aviation facilities include the design and construction of the Robert C. Byrd National Aerospace Education Center in Bridgeport, Wet Virginia We believe that our variety of work, which includes a number of facilities studies and master plans, sets us apart as the best qualified architectural firm for your project.

Richard T. Forren AIA, NCARB
Principal, Vice President, and Project Architect

Richard T. Forren is a Principal and Project Architect in charge of design and construction for Omni Associates - Architects since 1984. He received his Master of Architecture degree from Virginia Polytechnic Institute & State University in 1983 after previously receiving a Bachelor of Science Degree, Civil Engineering Technology in 1980 from Fairmont State College.

As a Principal-in-Charge and Project Architect, Mr. Forren's primary responsibility is to develop the overall concept of design by performing technical tasks which include: Project space programming; Schematic layout of functional spaces; Aesthetic design and development; Concept and coordination of building systems such as mechanical, electrical, plumbing and fire protection; Preparation of bidding documents and material specifications; Project management and Construction administration. These tasks are performed for a wide range of commercial projects that include master planning, land development, building construction and tenant build-out. Project occupancy types include health care, business, recreational, educational, religious, municipal and military construction (MILCON) with single project construction budgets in excess of $35 million.

Mr. Forren's public client list includes: West Virginia University, Fairmont State College, West Virginia High Technology Consortium Foundation, United States General Services Administration, West Virginia General Services Administration, City of Fairmont, City of Morgantown, City of Bridgeport and Marion County Board of Education. Mr. Forren served as Project Architect for two completed WVARNG projects: a 130,000 sq. ft. ($18 million) Maintenance Facility as well as a 78,000 sq. ft. ($12 million) Readiness Center located in Eleanor, WV. He is presently serving as Project Architect for both the Fairmont Armed Forces Reserve Center and the Buckhannon Readiness Center.

Mr. Forren is a Colonel in the United States Army Reserves. He is currently assigned to the Fifth United States Army as the Army's Emergency Preparedness Liaison Officer (EPLO) for West Virginia. His duties involve working with FEMA, The Office of Emergency Management and the Department of Homeland Security to assist in providing Department of Defense support in the event of a regional or national emergency. Throughout his career in the Army Reserves, while serving with the Corps of Engineers, he has been directly involved with the design & construction of a wide variety of military humanitarian projects in Korea, Germany, El Salvador, and Panama.

Mr. Forren is a long-time member of the American Institute of Architects (AIA) and the West Virginia Society of the American Institute of Architects. He is certified by the National Council of Architectural Registration Boards, NCARB Certified #53567, which through reciprocity allows nationwide registration and licensing.

Richard T. Forren AIA, NCARB

PROJECT ASSIGNMENT
Principal-in-Charge
Project Architect

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

REGISTRATION
American Institute of Architects, Member
American Institute of Architects—West Virginia, Member
National Council Architectural Registration Board,
Certified in FL, KY, NJ, OH and WV
U.S. Green Building Council, Firm Membership
Associated Builders and Contractors Inc., Firm Membership
International Association of Emergency Managers, Member

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 programming through construction administration and project close-out.
- Previously employed by Robert J. Bennett AIA & Associates, Morgantown, West Virginia 1983 to 1984.

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—recently deployed for state-of-emergency June 30—July 7, 2012.
- 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

West Virginia Army National Guard
Buckhannon, WV
Armed Forces Readiness Center
Fairmont, WV
Armed Forces Readiness Center
Eleanor, WV
Maintenance Facility
Armed Forces Readiness Center
Access Road & Guard House

Harrison County Schools, WV
Lumberport Elementary School

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

Mon Power Regional Headquarters
Fairmont, WV

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

City of Fairmont Public Safety Building
Fairmont, WV

General Services Administration
State of West Virginia New Office Building
Fairmont, WV
Federal Building Renovations
Wheeling, WV
Martinsburg, WV
Huntington, WV
Beckley, WV

Fairmont State University
Fairmont, WV
Wallman Hall Renovations
Engineering Tech Addition and Renovations
Library Addition & Renovation
Feaster Center Addition & Renovation
Colebank Hall Renovation
Inner Campus Renovation
New Education and Health Sciences Bldg
Robert C. Byrd Aerospace Center

Canaan Valley Institute Headquarters
Davis, WV

More information about our consulting engineers can be found in the tabbed sections following the Statement of Qualifications.

Allegheny Design Services (ADS)

Allegheny Design Services is a consulting engineering firm specializing in structural building design and building analysis. With over 25 years of experience, ADS provides all phases necessary for the successful completion of a building project from schematic design studies to construction administration. ADS currently utilizes Autodesk REVIT for the development of project work. ADS consistently delivers projects up to $25 million in construction value. Building systems delivered by ADS include structural steel, reinforced concrete, precast concrete, and structural timber.

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

President

Mr. Simpson established Allegheny Design Services in 2002 as a result of a need in North Central West Virginia for reliable structural engineering services. Mr. Simpson is responsible for project management and design at Allegheny Design Services. His experience includes over 24 years in structural design and project management for industrial, commercial, institutional, and nuclear/chemical facilities utilizing steel, concrete, masonry, and wood. Past accomplishments include design and construction administration of health care facilities, hotels, schools, shopping centers, aircraft hangars, numerous retail facilities, and numerous forensic engineering assignments.

Mr. Simpson holds a B.S. Civil Engineering degree from West Virginia Institute of Technology, a Masters of Business Administration from West Virginia University, and an Architectural Technology degree from West Virginia State College. Mr. Simpson is licensed through the Structural Engineering Certification Board in the states of West Virginia, Pennsylvania, Maryland, Virginia, and the District of Columbia.

Tower Engineering

Tower has been providing innovative mechanical and electrical engineering solutions and unparalleled client service since 1931. Tower Engineering's highly-trained staff of project managers, designers, and technical support personnel utilizes state-of-the-art computer software programs for the design of lighting, electrical power and mechanical systems. Their experience includes numerous projects that include medium voltage distribution upgrades. Electrical power analysis capabilities include fault current, voltage drop and arc-flash studies. Lighting analysis includes point-by-point calculations, exterior lighting analysis, and life cycle cost comparisons. Mechanical analysis includes energy economy analysis, thermal storage analysis, heating and cooling load calculations, refrigerant piping design, water piping design, and ductwork design.

James N. Kosinski, P.E.

Principal

Mr. Kosinski has twenty (20) years of experience as a mechanical engineer, primarily responsible for the design of HVAC systems and their components for hospitals, schools, universities, laboratories, office buildings, and commercial and light industrial facilities. He has experience with the design of numerous types of HVAC systems, including constant and variable air volume air handling, geothermal heat pump and exhaust systems, chilled water and hot water, electric/electronic, pneumatic and DDC control systems. Mr. Kosinski's design responsibilities include load calculations, equipment selection, system layout, project specifications, cost estimates, direction of project drafting efforts, coordination with other engineering disciplines, and construction administration. Additional responsibilities include system analysis and energy studies, client contact, and project management and scheduling.

Mr. Kosinski holds a Bachelor Architectural Engineering from Penn State University. He is licensed to practice engineering in the states of West Virginia, Pennsylvania, and Michigan. He is a member of the American Society of Heating, Refrigeration & Air Conditioning, Engineers (ASHRAE) and the Association of Energy Engineers.

References

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

Harrison County Schools
408 E.B. Saunders Way
Clarksburg, WV 26554

Mr. Neil Quinn
Clerk of the Works
304.326.7305

Marion County Schools
200 Gaston Avenue
Fairmont, WV 26554

Mr. Gary Santy
Clerk of the Works
304-367.2167

Fairmont State University
Locust Avenue
Fairmont, WV 26554

Mr. Tom Tucker
Assistant Director of Facilities
304.367.4139

First Energy
Potomac Edison
421 East Patrick Street
Frederick, MD 21701

Ms. Linda Moss
Director, Ops Support
301.790.6413

First Energy
Mon Power Regional Headquarters
5001 NASA Boulevard
Fairmont, WV 26554

Mr. James R. Haney
Vice President of Transmission/
President of WV Operations

West Virginia HighTechnology Consortium Foundation
1000 Technology Drive, Suite 1000
Fairmont, WV 26554

Mr. Brad Calandrelli
Facility and Property Program Mgr
304.366.2577 ext. 233

"In appreciation of all of your hard work, dedication, and technical support to the Eleanor 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

"...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
President
Fairmont State University

West Virginia Army National Guard (WVARNG)
Buckhannon Readiness Center

The Buckhannon Army National Guard Readiness Center is a dual-use building funded by a combination of Federal, State, and local money. The 37,000 sf facility will house three units of the West Virginia Army National Guard (WVARNG) as well as serve the public sector of Upshur County with a multi-purpose conference center. These dual purposes are reflected in the basic design.

The two functional areas are located in separate wings spanning east and west from the main lobby entrance with clear distinctions between public and private spaces. The west wing is a public conference center, which, through the use of operable partitions, can be configured any number of ways to allow for educational, business, community, and private events. The two-story east wing houses the WVARNG units: 601st Horizontal Engineer Company, 1935th Contingency Contracting Team and the 229th Engineer Survey and Design Team. It includes office space, a classroom, storage, sleeping rooms, fitness room, and locker rooms.

The building structure shall be steel with the exterior consisting mainly of brick veneer with some upper story metal panels and storefront glazing. A 3,200 sf unheated pre-manufactured metal storage building shall be erected adjacent to the main building. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platforms, fuel storage and dispensing systems and flagpoles. Physical security measurements include maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. This project is designed and shall be constructed to achieve LEED® Silver certification. Cost effective energy conserving features include energy management control systems and high efficiency motors, lighting, and HVAC systems.

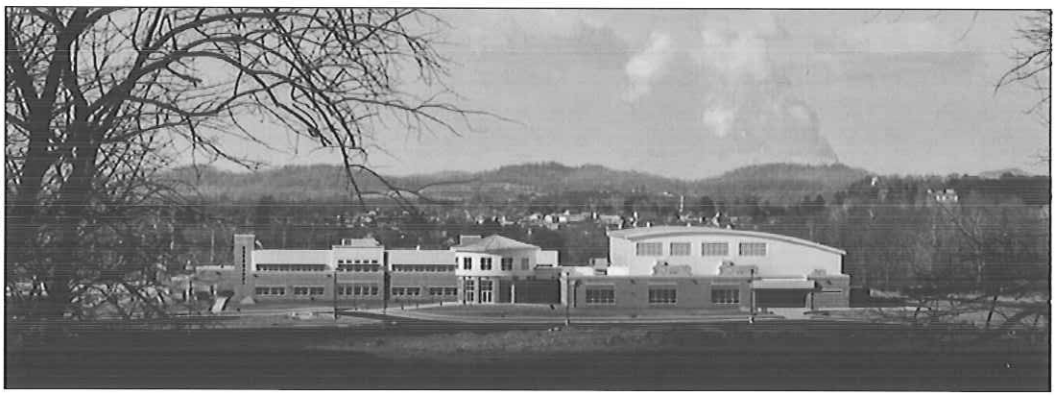
West Virginia Army National Guard (WVARNG)
Fairmont Readiness Center

The specially designed AFRC is permanent masonry type construction with standing seam roof, concrete floors, and mechanical and electrical equipments with emergency power generator backup. This 150 member training facility includes administrative, educational, assembly, library, learning center, vault, weapons simulator and physical fitness areas for one each WVARNG and USAR units. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide adequate parking space for all military and privately owned vehicles.

Fairmont Readiness Center
West Virginia Army National Guard
Fairmont, West Virginia

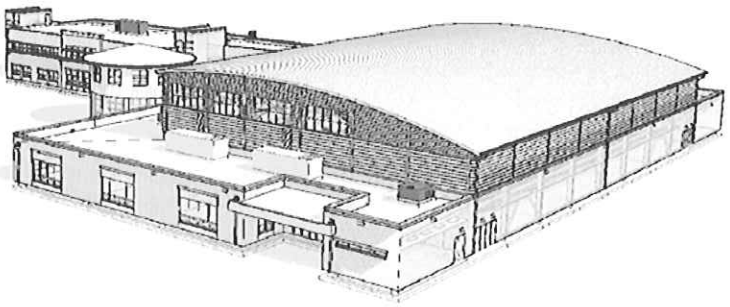
$ 25 Million
91,500 sf

This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism protection measures are included. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123.



Supporting facilities will include weapons cleaning, maintenance, issue, turn-in sheds, access roads, security fencing and dark motor pool lighting, vehicle wash system and pump house, fuel storage and dispensing systems, loading ramp, flammable materials storage building, controlled waste handling facility, and sidewalks. Extension of gas, electric, sewer, water and communication utilities to the building site is included. Physical security measures include maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, beams, heavy landscaping and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features are incorporated into design.

West Virginia Army National Guard (WVARNG)
Fairmont Readiness Center



info@omniassociates.com 304.367.1417 www.omniassociates.com **Omni** Associates - Architects, Inc.

West Virginia Army National Guard (WVARNG)
Eleanor Readiness Center

The new Armory facility in Eleanor, West Virginia is a single-story, brick masonry and steel structure enclosing approximately 88,200 Net square feet. The building is located adjacent to the new Maintenance Facility on the site, with the main entrance facing east toward the main access to the site. The orientation of the building takes advantage of views of the wetland area and the Kanawha River. The Armory houses units of the state Army National Guard and one unit of the Navy.

The aesthetics of the new structure will have a similar character and appearance as the Maintenance Facility, incorporating banding of a contrasting color, barrel-vaulted roofing, and similar doors and windows.

The plan configuration is a result of meetings with each of the units and commanders, and consolidates areas under the responsibility of individual units to minimize travel. The separation of public versus unit specific spaces is dictated by the need for logical and efficient circulation as well as the direct relationship of spaces within those areas.

Eleanor Readiness Center
West Virginia Army National Guard
Eleanor, West Virginia
83,900 Square Feet

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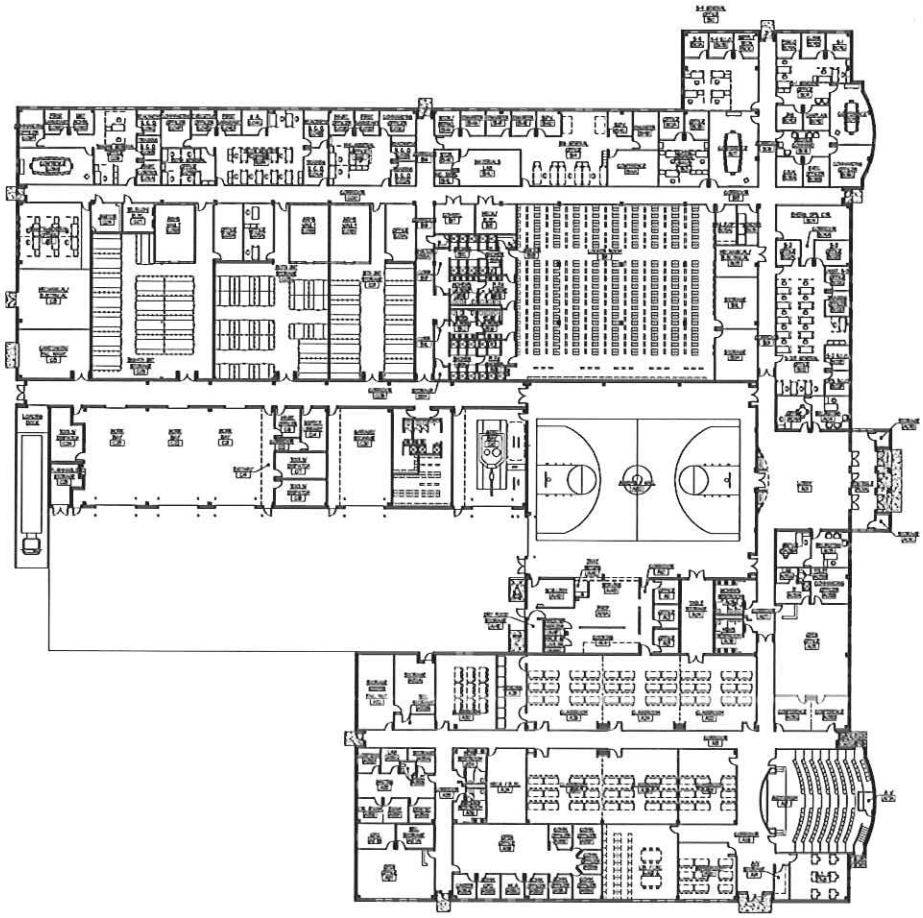
West Virginia Army National Guard (WVARNG)
Eleanor Readiness Center



The relationship of the unit office areas to the unit storage areas is critical to the efficient workflow of the individual units. The unit storage areas are located adjacent to the loading dock at the rear of the building in order to provide access to military vehicles.

The Maintenance Work Bays and AFIST bay are located at the rear of the building for accessibility of military vehicles, as well as shielding the function of the areas from the entrance and the public. The AFIST bay is located adjacent to the Assembly Hall for the purpose of large group instruction within the hall and individual instruction within the bay area.

The location of the Assembly Hall is central to all spaces and adjacent to the main entrance due to its use for public and military functions. The hall is utilized by the military for drill training and dining, and by the public for gatherings such as banquets and dances. The Kitchen is located adjacent to the Assembly Hall to expedite meals to both civilians and the military.

A single story structure of this size requires a lot of area dedicated to circulation. However, when possible, large open areas such as the Assembly Hall were utilized for circulation.

West Virginia Army National Guard (WVARNG)
Eleanor Maintenance Facility

Eleanor
Maintenance Facility
West Virginia Army National Guard
Eleanor, West Virginia
132,000 Square Feet

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

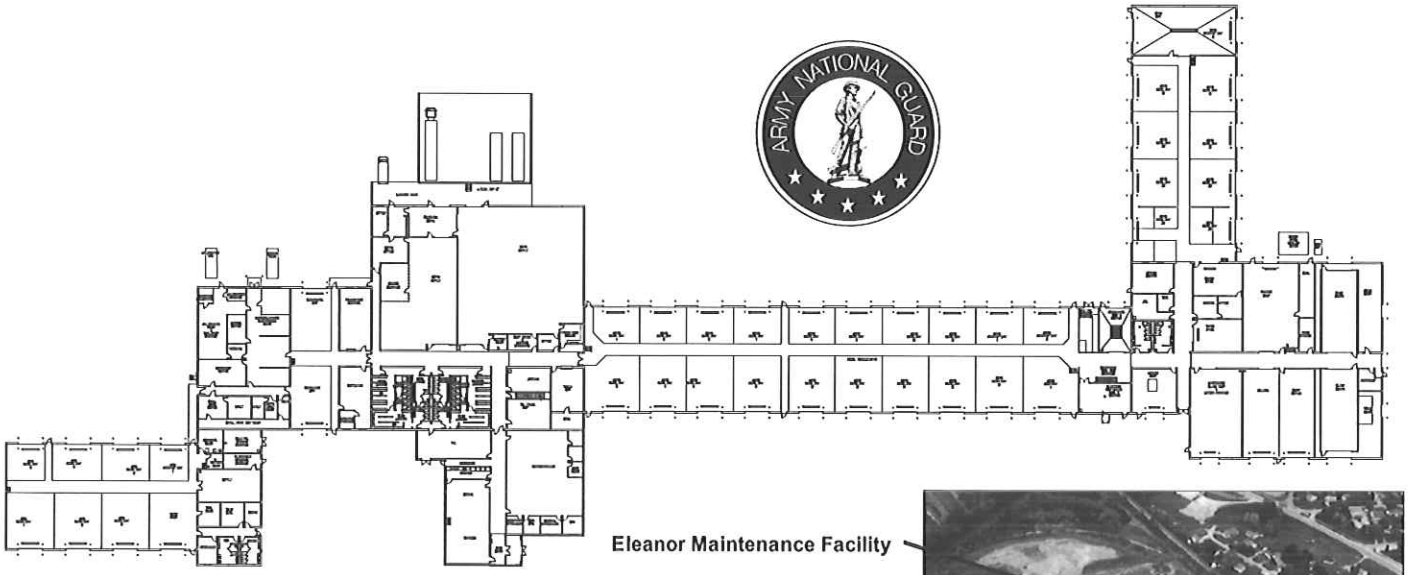
Robert D. Davis, CPT, OD,
WVARNG
CSMS Superintendent

Warren T. Huxley, LTC, EN,
WVARNG
Surface Maintenance
Manager

The new Eleanor Maintenance Complex, in Eleanor, WV, is a 132,000 square foot state-of-the-art repair and maintenance facility for the West Virginia Army National Guard (WVARNG). This specially designed Army "Combined Logistic Support Facility" will house the Combined Support Maintenance Shop (CSMS), an Organizational Maintenance Shop (OMS) and United States Property and Fiscal Office (USPFO) parts storage warehouse.

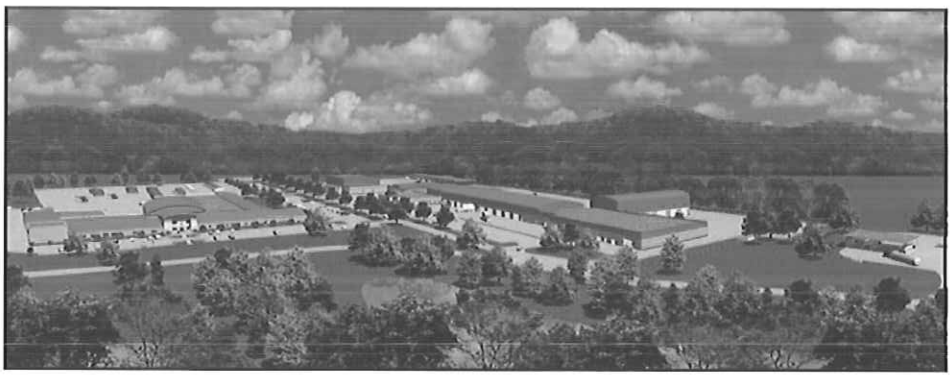
The design of the facility is based upon the functional concept of a straightforward flow in and around the facility. This focuses on a logical and efficient flow of work for the maintenance and repair of vehicles as well as the progression of components parts from delivery to installation. This flow also required controlling the movement of vehicles themselves as all vehicles arriving and leaving the complex are required to undergo pre and post inspections.

West Virginia Army National Guard (WVARNG)
Eleanor Maintenance Facility



The facility provides a full range of maintenance support for all WVARNG military vehicles throughout the state. It includes 28 maintenance work bays with overhead bridge cranes, an engine rebuild shop, a body shop with blast and paint booths, a carpentry shop, a machine shop, a canvas shop, a small arms repair shop and an electrical / communications repair shop. The facility also has specialized testing capabilities in the form of an engine and transmission dynamometer.

These capabilities truly make the Eleanor Maintenance Complex a state-of-the-art facility for the West Virginia Army National Guard.



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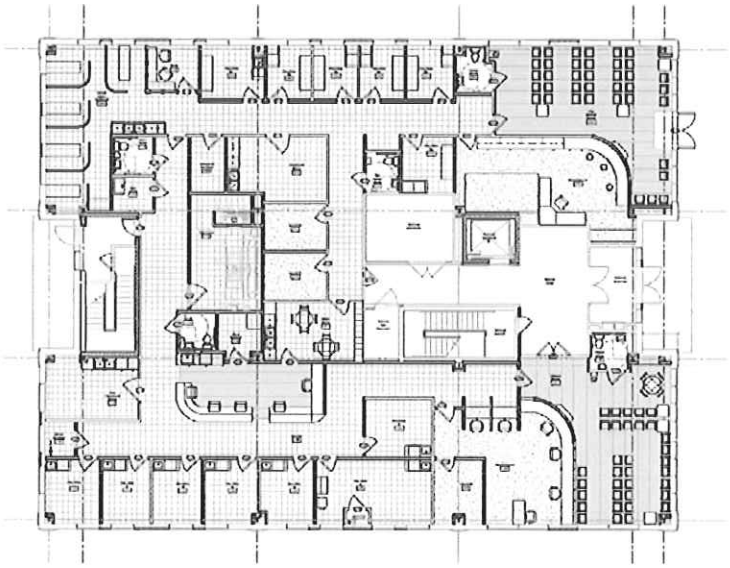
WVU Urgent Care and
WVU Pain Management Center

Location:	Morgantown, West Virginia
Description:	Urgent Care: 4,370 square feet Pain Management Center: 4,258 square feet
Scope of Services:	Architectural Services for a Design-Build delivery of a renovation
Construction Cost:	**$480,000.00**
Name of Project Owner:	**Glenmark Holding, LLC**
Address:	6 Canyon Road, Suite 300 Morgantown, WV 26508
Phone Number:	304-599-3369
Owner's Project Manager:	Mr. Mike Saab
Phone Number:	304-599-3369
Prime Contractor:	**Glenmark Holding, LLC**
Address:	6 Canyon Road, Suite 300 Morgantown, WV 26508
Phone Number:	304-599-3369
Date of Project Completion:	**2007**

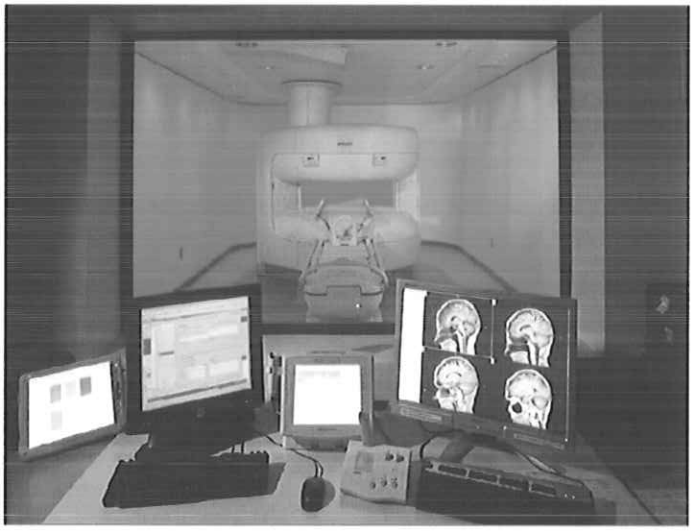
Description:

Omni Associates was commissioned by developer Glenmark Holding to design a new urgent care facility and pain management clinic for WVU. WVU Urgent Care is a walk-in clinic that provides a complete range of medical treatment for minor illness and injury. The facility includes on-site x-ray and laboratory services. The Pain Management Center offers various services for people with acute and chronic pain. It is a division of the WVU Department of Neurosurgery and part of the Spine Center at WVU Hospitals.



University Health Associates
MRI Installation

Location:	Morgantown, West Virginia
Description:	1,490 square feet
Scope of Services:	Architectural and Mechanical and Electrical Engineering Services for a Design-Bid-Build delivery of a renovation
Construction Cost:	**$620,000.00**
Name of Project Owner:	**West Virginia Medical Corporation**
Address:	1 Medical Drive Morgantown, WV 26506
Phone Number:	304-293-1182
Owner's Project Manager:	Ms. Sahar Alshallah
Phone Number:	304-293-1182
Prime Contractor:	**Landau Building Company**
Address:	9855 Ranaman Road Wexford, PA 15090
Phone Number:	724-935-8800
Date of Project Completion:	**2008**
Description:	Improving patient care is a top priority of the West Virginia Medical Corporation. Although this was a relatively small project, its impact on patient care was great, and Omni Associates was happy to contribute with the renovation of the first floor of the Physicians Office Center to accommodate a new Phillips MRI unit and patient prep room.



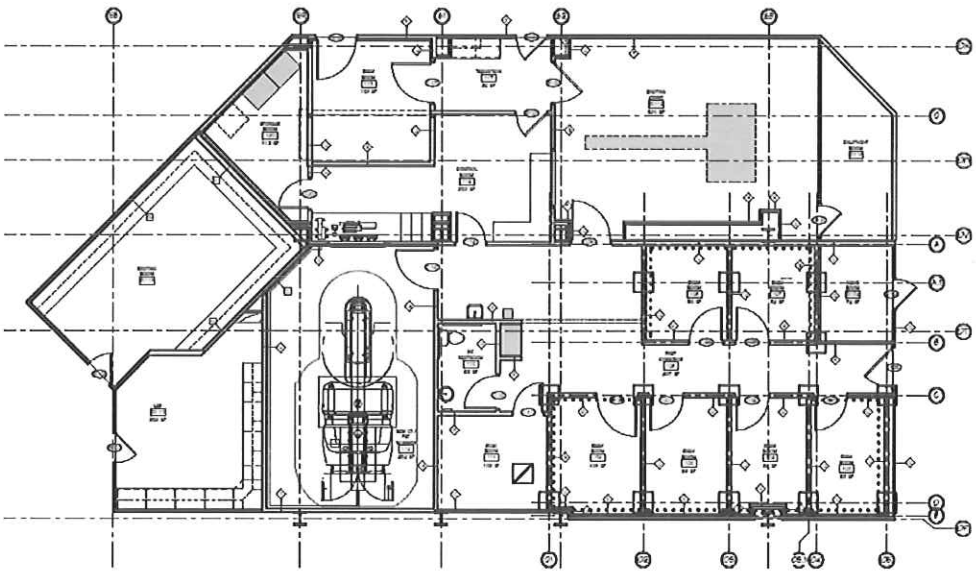
Heiskell King Burns & Tallman
Surgical Associates

Location:	Morgantown, West Virginia
Description:	37,000 square feet
Scope of Services:	Full Architectural and Engineering Services for a tenant fit-out in an existing building
Construction Cost:	**Unknown.** Because project was Design-Build, Omni did not process applications for payment.
Name of Project Owner:	**705-Five Development Group**
Address:	1298 Suncrest Towne Centre Morgantown, WV 26505
Phone Number:	304-599-1232
Owner's Project Manager:	Omni Associates—Architects
Phone Number:	304-367-1417
Prime Contractor:	**General Industries**
Address:	15 Arentzen Blvd. Charleroi, PA
Phone Number:	724-483-1600
Date of Project Completion:	**2008**

Description: Omni Associates was originally commissioned to design the shell of the three-story, mixed-use building located at 600 Suncrest Towne Centre. When Heiskell King Burns & Tallman Surgical Associates decided to relocate their offices to the third floor of the new building, Omni was retained to provide fit-out services. In addition to exam rooms, physician offices, and other standard patient and administrative spaces, this surgical clinic includes a nationally accredited laboratory offering ultrasound, duplex scans, echocardiogram and other vascular studies.

WVU Health Sciences Center
PET/CT Scanner

Location:	Morgantown, West Virginia
Description:	2,464 square feet
Scope of Services:	Architectural and Mechanical and Electrical Engineering Services for a Design-Bid-Build delivery of a renovation
Construction Cost:	**$782,000.00**
Name of Project Owner:	**West Virginia University**
Address:	One Waterfront Place Morgantown, WV 26506
Phone Number:	304-293-5711
Owner's Project Manager:	Mr. Greg Andreas
Phone Number:	304-293-0733
Prime Contractor:	**Dan Hill Construction**
Address:	PO Box 685 Gauley Bridge, WV 25085
Phone Number:	304-632-1600
Date of Project Completion:	**2009**
Description:	Improving patient care is a top priority of the West Virginia Medical Corporation. Although this was a relatively small project, its impact on patient care was great, and Omni Associates was happy to contribute with the renovation of the first floor of the Physicians Office Center to accommodate a new Phillips MRI unit and patient prep room.

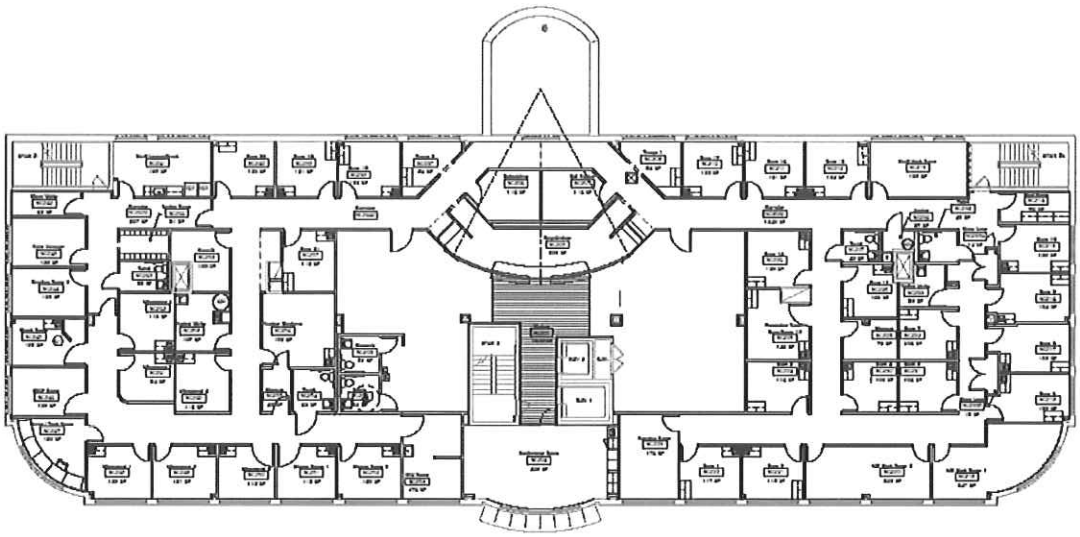


WVU Heart Institute at Suncrest Towne Centre

Location:	Morgantown, West Virginia
Description:	16,000 square feet
Scope of Services:	Full Architectural and Engineering Services for a tenant fit-out in an existing building
Construction Cost:	**Unknown.** Because project was constructed by WVU's in-house construction crew, Omni did not process applications for payment.
Name of Project Owner:	**West Virginia University Hospitals**
Address:	PO Box 8027 Morgantown, WV 26506
Phone Number:	304-598-4125
Owner's Project Manager:	Mr. Alan Neptune
Phone Number:	304-598-4125
Prime Contractor:	**West Virginia University Hospitals**
Address:	PO Box 8027 Morgantown, WV 26506
Phone Number:	304-598-4125
Date of Project Completion:	**2010**

Description:

Omni Associates was originally commissioned to design the shell of the three-story, mixed-use building located at 600 Suncrest Towne Centre. When WVU Heart Institute decided to relocate their offices to the new building, Omni was retained to provide fit-out services for approximately 2,900 square feet on the ground floor to accommodate cardiac rehab and office space and 12,900 square feet on the second floor consisting of clinical exam, diagnostic and administrative office areas. The new state-of-the-art facility offers comprehensive and diagnostic services in one location.



Ruby Memorial Hospital
North / Northeast Expansion

Clinical Expansion
Ruby Memorial Hospital
WVU Hospitals
Morgantown, West Virginia

Total Project: $39 Million
North Addition - 46,324 Square Feet
Northeast Addition - 134,454 Square Feet
Total Project: 180,778 Square Feet

Services Provided: Full Architectural / Architect of Record

Owners Representative:
Robert Carubia AIA, Asst. Vice President: WVU HSC Facilities Planning
304.598.4274

The North & Northeast Additions to WVUH comprise an integral part of the hospital's overall Master Plan. The North addition is approximately 40,000 sq. ft. in area and adds two stories to the existing structure. A new surgical suite on the 5th floor includes 6 new operating rooms and extra space for 4 future ORs necessitated by the rapid expansion of the hospital. The 6th floor boasts a much improved Biomedical Engineering area and other staff offices.

The Northeast addition totals at approximately 125,000 sq. ft. and is 8 stories in height. This structure allows for the expansion of several of the existing hospital departments and for the creation of some new ones as well. These include enlarged shipping & receiving areas, conference rooms, Intensive Care Unit, and Pediatric Intensive Care Unit. There is also a new Skilled Nursing Unit (SNU) and a Long Term Acute Care Hospital (LTACH). These provide the hospital with a total of 82 new patient rooms, with space for future expansion.

West Virginia University Hospitals
Cheat Lake Physicians Clinic

A reclaimed fill site on the edge of a valley view was selected by a multidiscipline health care group for their outpatient clinic. The triangular site was barely enough space to fit the program that included the need for a future expansion space. The clinical space had to be divided into five sub-groups yet flexible enough to act as flex space if one group needed exam space adjacent to another grouping.

The overall experience was to be one of arrival to a relaxing and inviting space that dispelled the common institutional environment. The large vaulted entry and waiting area was more like a hotel lobby and allowed light to filter into warm and soft surroundings. The multiple entry points into the exam pods allowed for easy flow of the various patient care needs.

Each exam group was accented by some special feature like the skylight areas, lighting or other references so flow through an otherwise uniform geometry could have identity for various areas. The desire for light and openness combined with the requirement for privacy and security had to be integrated into the design. The common spaces are high, open and well lit with natural light while the triage and exam areas allow for privacy even if doorways are slightly ajar. This allows staff and patients to flow freely without interfering with proper concern for patient care.

Special procedure rooms were tucked into strategic corners so that they are easily accessible. Minor procedures, testing and diagnostic can all be performed in a comforting environment. Windows were placed high on the elevations to allow for daylight into the exam rooms without patients feeling as if the world was looking into the space.

The building form was simple geometry to allow for group clusters of similar size on the interior. The entry element acts as an arching connector for the current and future wings and creates the fulcrum to balance the diagonal boxes that fit on the triangular site. The use of common materials in a collage fashion breaks down the low linear scale of the building mass.

Cheat Lake Physicians Clinic
WVU Hospitals
Morgantown, West Virginia
Outpatient Healthcare Clinic

Main Floor: 13,595 Square Feet
Lowe Floor: 2,465 Square Feet
Total Project: 16,060 Square Feet
Construction Cost: $2,571,743.00

Services Provided:
Full Architectural / Architect of Record

Owners Representative:
Robert Carubia AIA,
Asst. Vice President
WVU HSC Facilities Planning
304.598.4274

info@omniassociates.com 304.367.1417 www.omniassociates.com
Omni Associates - Architects, Inc.

Tower Engineering Overview and Services

At Tower Engineering, our goal is not to just meet our clients' needs....

but to exceed their expectations.

Tower Engineering has been providing innovative mechanical, electrical, plumbing, and fire protection solutions and unparalleled client service since 1931. Primary markets of the firm include educational, health care, environments for the aging, and commercial renovations and new construction.

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

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

Mechanical analysis includes energy economy analysis, thermal storage analysis, heating and cooling load calculations, refrigerant piping design, water piping design, and duct work design. Our professional staff utilizes computer selection of air handling units, coils, pumps, terminal devices, fans, cooling towers, chillers, heat exchangers, kitchen hoods, hydronic and steam specialties, humidification equipment and heat recovery equipment.

115 Evergreen Heights Drive, Suite 400, Pittsburgh, Pennsylvania 15229 • 412-931-8888 • Fax 412 939-2525 • www.estower.com

Specific Engineering Services

HVAC

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

Electrical

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

Telecommunications

- Voice communication systems
- Data network systems

Plumbing

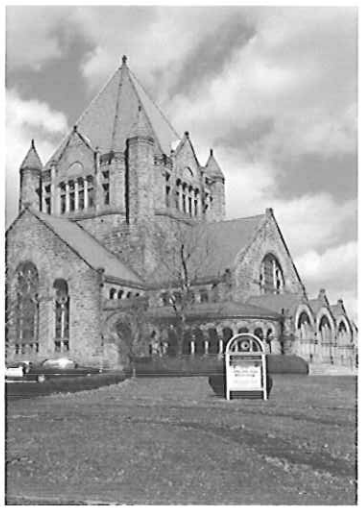
- Water resource efficiency analysis
- Sanitary drainage systems
- Storm water management
- Domestic water systems
- Waste water treatment systems
- Hospital and laboratory piping systems
- Fuel oil piping systems
- Irrigation systems

Fire Protection

- Standpipe and sprinkler systems
- Fire protection systems

Design Experience

- Agricultural & Science Buildings
- Airport Terminals & Hangers
- Athletic Facilities& Stadiums
- Auditoriums & Theaters
- Call Centers
- Classrooms
- Clean Rooms & Special Environments
- DataCenters
- Dining Halls
- Dormitory Buildings
- Environments for the Aging
- High-Rise & Low-Rise Office Buildings
- Historic Preservation & Adaptive Reuse
- Hotels/Motels
- Judicial & Courtroom Facilities
- Manufacturing & Industrial
- Movie Theaters
- Municipal Complexes
- Museums, Galleries & Libraries
- Nuclear Facilities
- Outpatient & Hospital Facilities
- Parking Garages
- Postal Facilities
- Prisons & Correctional Institutions
- Public Safety Buildings
- Recreational Facilities
- Religious Facilities
- Research/Laboratories
- Residential & Multi-Unit Housing
- Retail & Shopping Centers
- Schools
- Student Unions
- TV/Radio Stations
- Vehicle Maintenance Facilities
- Warehouses &Depots



Tower Engineering maintains full CAD capabilities utilizing AutoCAD Release 2013, which is compatible with most micro and mini based computer systems. Our AutoCAD software has been modified in-house to further enhance productivity per discipline. Firm-wide CAD standards are also in place to ensure uniformity.

TOWER ENGINEERING

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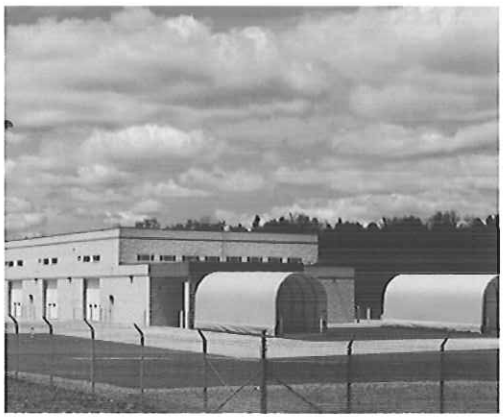
Government Owned Facilities

Tower Engineering has provided mechanical and electrical consulting engineering services for numerous Government-owned facilities. With seven decades of experience, our firm knows the importance of meeting the client's needs without exceeding the project's budget. Thoroughly familiar with current government and military standards, our firm has provided engineering services for the following government-owned facilities:



Federal Government

- William S. Moorhead Federal Office Building, PA
- Department of Labor Job Corps Center, PA
- Butler VA Hospital, PA
- Department of Labor Job CorpsMedical Center, PA.
- Army Corps of Engineers Lab, PA
- Army Corps of Engineers Neville Island, PA
- National Guard Readiness Center Connellsville, PA
- National Guard Stryker Center Cambridge Springs, PA
- National Guard Fairmont Readiness Center, WV
- Army Reserve Center Jane Lew, WV
- Army Reserve Center Clarksburg, WV
- IRS Liberty Center Tenant Fitup, PA
- INS Application Support Center, PA
- VA Medical Center Pittsburgh, PA (multiple)
- Department of Energy Records Storage, WV
- Department of Agriculture Lab, PA
- National Geospace Agency St. Louis, MO

State Government

- State Police Building, PA
- Capitol Building Welcome Center, PA
- Tygart Lake State Park Lodge Addition,WV
- Twin Falls Resort State Park Addition,WV
- DER Regional Offices, PA
- DER Lab Renovation, PA
- Ebensburg Center HVAC Renovation, PA
- Buckingman Protection Custody Facility, PA
- HRS Computer Room, PA
- Capitol Science & Cultural Center,WV
- Scotland School for Veterans Children, PA

United States Postal Service

- McKnight Road, Pittsburgh, PA
- Clairton, PA
- Monongahela, PA
- Northside, Pittsburgh, PA
- Grant Street, Pittsburgh, PA
- Rochester, PA
- Bulk Mail Handling Facility, Pittsburgh, PA
- Open Ended Services Agreement, PA and WV

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Government Owned Facilities Continued

Local Government

- Allegheny County Housing Authority, PA
- Beaver County Courthouse &Annex, PA
- Beaver County Ice Arena Renovations, PA
- Bellevue Borough Building Study, PA
- Bethel Park Community Center, PA
- Cambridge Springs Library, PA
- Cambridge Water Treatment Plant, OH
- City County Building Pittsburgh, PA
- City Hall Pittsburgh PA
- City of Pittsburgh Swimming Pools, PA
- City of Pittsburgh EOC 911, PA
- City of Pittsburgh Warehouse, PA
- Public Auditorium Authority Civic Arena, PA
- Cranberry Township Municipal Complex, PA
- Dormont Pool Complex Feasibility Study, PA
- Eighth Avenue Streetscape Phase IV, PA
- Erie Senior Citizen's Center, PA
- Erie Veteran's Stadium Renovation, PA
- Fairmont Parking Garage, WV
- Fairmont Public Safety Building,WV
- Field Avenue Recreation Park, PA
- Franklin Park Municipal Building, PA
- Franklin Township Sanitation Authority, PA
- Freeport Borough Building, PA
- Greater Pittsburgh International Airport, PA
- Green Tree Municipal Building, PA
- Greensburg County Building, PA
- Hampton Township Master Planning, PA
- Housing Authority of the City of Pittsburgh, PA
- Kennedy Township Park, PA
- Louis J. Tullio Convention Center Erie, PA
- McCandless Municipal Building, PA
- Monroeville Municipal Building, PA
- Moon Township Water Authority, PA
- Mt. Lebanon Parking Garage, PA
- New Stanton Water Treatment, PA
- Penn Hills Recreation Center, PA
- Penn Township Civic Center, PA
- Penn Township Municipal Complex, PA
- Pittsburgh Parking Authority, PA
- Ross Township Municipal Complex, PA
- South Park Municipal Buildings, PA
- South Strabane Township Municipal Building, PA
- Stowe Senior Citizens' Center, PA
- Three Rivers Stadium Renovations, PA
- Vanport Municipal Authority, PA
- Western Ave. Streetscape Improvements, PA
- Westmoreland County Housing Authority, PA

Medical and Health Care Facilities

Tower Engineering's experience with the design of health and medical facilities encompasses original designs for new facilities to retrofits and new uses for renovated spaces. Our skills have kept pace with the increasing sophistication of the health care industry, allowing us to under take other types of technical challenges, such as research containment laboratories, pharmaceutical facilities, clean rooms and computer centers.

Our Design Expertise Includes:

- Cardiac Catheterization Labs
- Dental Surgery Suites
- Diabetes Centers
- Diagnostic Imaging Centers
- Dialysis Centers
- Emergency Departments
- Emergency Power Systems
- Gastroenterology Suites
- Hospital Laboratories
- Hyperbaric Medicine Suites
- Labor and Delivery Suites
- Liquid Oxygen & Nitrous Oxide
- Storage Facilities
- Lithotripter Suites
- Mammography Suites
- Medical Records Departments
- Neonatal Intensive Care Units
- Neurosurgery Operating Rooms
- Surgical Operating Rooms
- Patient Rooms and Isolation Wards
- Pharmacies
- PT/Occupational Therapy Suites
- Radiology/MRI Suites
- Radiology/Oncology Suites
- Bone Marrow Transplant Unit
- Isolation Suites

Representative Project Experience:

Uniontown Hospital Emergency Department, Uniontown, PA
Tower Engineering has provided engineering services for multiple projects at The Uniontown Hospital including an addition/renovation for a new Open MRI, provided mechanical engineering services for an addition/renovation for a new Open MRI, installation of a new nuclear camera, renovation of the old Gift Shop/Snack Shop into a financial counseling suite, and upgrade of pharmacy space to a Class 10,000 clean room for space to prepare chemotherapy chemicals and IV solutions.

VA Pittsburgh Healthcare System, Pittsburgh, PA
Tower Engineering has provided engineering services for multiple projects for the VA Pittsburgh Healthcare System. Projects include renovation of the Inpatient Pharmacy; upgrade of an existing linear accelerator treatment room to prepare the area to adapt to a new IMRT unit; renovations for there location of the facility's Mailroom and Copy Center; and construction of a new $37 million parking garage.

Monogalia General Hospital Intensive Care Unit, Morgantown, WV
This alterations and expansion project provided a 10-bed Intensive Care Unit for the Hospital. The existing unit was renovated and expanded into under-utilized adjacent space. The project included alterations and updates to the area's HVAC, plumbing and electrical systems. The construction cost for this 5,000 sq. ft. project was $829,000.

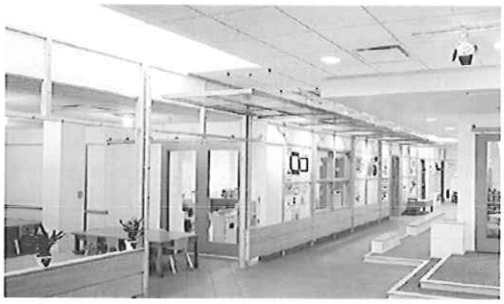
Medical and Health Care Facilities Continued

Tower Engineering has provided engineering services for renovations, new construction and systems assessments for:

- Allegheny General Hospital
- Allegheny Kiski Medical Center
- Allegheny Valley Hospital
- Braddock Hospital
- Butler Memorial Hospital
- Butler V.A. Hospital
- Canonsburg General Hospital
- Children's Home of Pittsburgh
- Department of Labor Job Corps Medical Center
- Forbes Health System
- HamotMedical Center
- Hollidaysburg V.A. Hospital
- Horizon Health Systems
- Jameson Memorial Hospital
- MageeWomens Hospital
- Meadville Medical Center
- Mercer County BMA
- Mercy Hospital
- Monongalia Health Systems
- Passavant Doctors' Building
- Passavant Hospital
- PhilipsburgArea Hospital
- Shadyside Hospital
- Sharon Regional Medical Center
- Soldiers & Sailors Home
- Suburban General Hospital
- The Uniontown Hospital
- UPMC Lee Regional Hospital
- UPMCWestern Psychiatric Institute & Clinic
- VA Pittsburgh Healthcare System
- Weirton Medical Center

Therapy and Treatment Facilities

Tower Engineering has provided mechanical and electrical consulting engineering services for the design of several facilities for special educational, therapy, and treatment purposes. Our past design experience includes facilities for those diagnosed with mental and physical disabilities as well as those receiving treatment for alcohol and drug additions.



Glade Run Lutheran Services

Tower Engineering provided services for a new residential treatment facility for 14 residents. Construction will begin soon on this new $5 million building. Tower Engineering provided services for a new two-story facility completed in 2002. This 44,600 s.f. building contains living units,main kitchen and dining area, centralized medical care, and office areas.

Dr. Gertrude A. Barber Center national Institute

Tower Engineering recently provided HVAC and electrical engineering services for the design of the Dr. Gertrude A. Barber Center's 78,000 s.f. National Institute for education, research and services in the field of disabilities. Construction is nearly completed. A single-story portion of the building is for-profit and will contain a clinic. A two-story portion contains non-profit spaces ,including offices and seminar spaces, with "breakout rooms". Because the funding source for each is different, our design of the utilities was completely separate. Project construction costs were estimated at $7.8 million.

Children's Home of Pittsburgh

Tower Engineering provided services for a 65,000 s.f facility to accommodate the expansion of the Home's programs and services. With a focus on medically complex and at-risk children, programs such as a transitional care hospital for 20 children, PTU for 8 children, a day care program for 60 children, adoption services and family support services will all relocate to the building. Construction costs were estimated at $14.8 million.

Medical and Health Care Facilities Continued
Therapy and Treatment Facilities

Abraxas Foundation
A private, nonprofit human service system, Abraxas offers comprehensive service programs in the areas of treatment and rehabilitation of male and female, delinquent and/or dependent juveniles. Tower Engineering has provided these services for four area Abraxas facilities.

Western Psychiatric Institute & Clinic
One of the nation's foremost university-based psychiatric clinics, WPI Coffers patients a wide range of medical and psychiatric diagnostic and treatment services. The Clinic serves more than 12,000 outpatients each year. Tower Engineering has provided services for numerous projects, including renovations to the cafeteria, electrical distribution systems, classrooms, fire alarm, and dining rooms.

Sharon Regional Outpatient Diagnostic and Imaging Center
Tower Engineering provided mechanical/electrical engineering services for a new $9 million Outpatient Diagnostic and Imaging Center for the Sharon Regional Health System. This 29,400 s.f. facility includes a full imaging center for CT, MRI and Digital x-ray equipment, as well as a Women's Health Center with Mammography, DEXA, Ultrasound and Stereo tactic services. A conferencing space within the Center will facilitate educational programs offered by the Health System, as well as other professional and community programs. This project was completed in 2007.

Uniontown Hospital Medical Pavilion Second Floor
Tower Engineering provided mechanical engineering services for renovations to the second floor of the Uniontown Hospital's Medical Pavilion. This project involved the nearly total gut of the second floor to construct medical records, billing offices, conference areas, and a lounge. This project was completed in 2007.

UPMC Uniontown Cancer Center
Tower Engineering provided mechanical/electrical engineering services for renovations to the third of this 8,000 s.f. facility to include offices, conference rooms, lab, and infusion. This project was completed in 2006.

Southwestern Endoscopy Center
Tower Engineering provided mechanical and electrical engineering services for renovations to this two-story medical building. This project was completed in 2004. Total construction costs were $810,000.

EDUCATION
Bachelor Architectural Engineering
Pennsylvania State University
1989

REGISTRATION
PE, Pennsylvania
PE-045741-E

PE, West Virginia 016993
PE, New York
PE, Maryland
NCEES Registered

NCEES Registration

LEED Accredited Professional
2009

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

James N. Kosinski, P.E., LEED AP

Principal, Vice President
Senior Project manager, Mechanical Engineering

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

Mr. Kosinski's design responsibilities include load calculations, equipment selection, system layout, project specifications, cost estimates, direction of project drafting efforts, coordination with other engineering disciplines, and construction administration. Additional responsibilities include system analysis and energy studies, client contact, and project management and scheduling. He has performed energy conservation analyses, evaluated HVAC system performance, and justified the installation of DDC control systems and other energy saving measures. As a Mechanical Engineering Group Leader, Mr. Kosinski coordinates the efforts of a team of staff engineers, designers and CAD operators.

REPRESENTATIVE EXPERIENCE

Fairmont State University - Fairmont, West Virginia
Engineering Technology
New Dorm Attic Classrooms
Multiple HVAC Systems Studies in Multiple Buildings
Electro-Optics Center Addition
Musik Library Renovation

Fairmont, West Virginia
Public Safety Building Renovations

Allegheny Energy - Fairmont, West Virginia
New Operations Center (LEED)

West Virginia University - Morgantown, WV
New Recreation Center
Brooks Hall - Lab Renovation
Honors Hall
Law Building Phase I
Parkersburg Applied Technology Center (Parkersburg, WV Campus)

Department of Energy - Morgantown, West Virginia
New Record Storage Facility (LEED)

Morgan County Board of Education - Bath, West Virginia
Berkeley Springs High School Renovation/Addition

EDUCATION
BS, Mechanical Engineering
Penn State University
1982

REGISTRATION
PE, Pennsylvania
PE-040568-E

PE, West Virginia
PE-11973

PE, New York

NCEES Registration

LEED Accredited Professional
2009

AFFILIATION
American Society of Heating, Refrigeration & Air Conditioning Engineers (ASHRAE)
Pittsburgh Chapter
Past President

Thomas J. Gorski, P.E., LEED AP

Principal, President
Mechanical Engineering Department Head

Mr. Gorski's primary responsibilities are the design of HVAC systems and their components for schools, universities, commercial and light industrial office buildings, laboratory buildings, health care facilities, and military facilities. He has designed HVAC systems including constant and variable air volume, air handling and exhaust systems; chilled water and hot water systems and steam distribution systems; electric/electronic control, pneumatic control and DDC systems.

Mr. Gorski's design responsibilities include load calculations, equipment selection and system layout, project specifications, cost estimates, direction of the project drafting effort, coordination with architectural and other engineering disciplines, and construction administration. He also performs system analysis and energy studies, maintains client contact, and supervises the engineering effort of the Mechanical Engineering groups.

REPRESENTATIVE EXPERIENCE

Fairmont, West Virginia
Allegheny Energy New Operations Center

Fairmont State University - Fairmont, West Virginia
Engineering Technology Building

West Virginia University - Morgantown, West Virginia
New Intermodal Transportation Center
New Student Recreation Center
Student Recreation Center Building Commissioning
Caperton Center for Applied Technology
Parkersburg Applied Technology Center (Parkersburg, WV Campus)

Berkeley County Board of Education - Inwood, West Virginia
Musselman High School (new)
Musselman Middle School Renovation/Addition
Potomack Intermediate School (new)

Clay County Board of Education - Clay, West Virginia
High School Auditorium/Classroom Addition

Grant County Board of Education - Petersburg, West Virginia
Petersburg Elementary RTU Replacement

Mercer County Board of Education - Princeton, West Virginia
High School Addition
New Athletic Facilities

Mineral County Board of Education - Keyser, West Virginia
New High School
New Elementary School

United States Army Reserve Center - Jane Lew, West Virginia
Readiness Center and Organizational Maintenance Shop Building

Monongalia Health System - Morgantown, West Vriginia
Renovations for ICU Suite

EDUCATION
BS, Mechanical Engineering
Penn State University
1997

REGISTRATION
Professional Engineer, PA
PE-062304, 2003

Certified in Plumbing
Engineering (CIPE), 1998

LEED Accredited Professional
2009

Michael S. Plummer, P.E., C.I.P.E., LEED AP

Associate, Senior Project Manager
Plumbing & Fire Protection Engineering Department Head

As a mechanical designer/engineer, Mr. Plummer is primarily responsible for the design of plumbing and fire protection systems and their components for educational, governmental, and commercial buildings.

Mr. Plummer's plumbing/fire protection design responsibilities include performing calculations for hydraulically designed sprinkler systems; designing water supply and pumping systems including fire mains and sizing of fire pumps; design/testing of fire protection and alarm systems; and design of plumbing sewage, gas and water systems. In addition to plumbing/fire protection systems, Mr. Plummer is an experienced HVAC system designer, and performs load calculations, equipment selection and systems layout. His duties include preparation of project specifications, cost estimates, project management, and coordination with architectural and other engineering disciplines.

Mr. Plummer also performs construction administration duties including review of submittals, preparation of punch lists, and field problem solving, as well as supervising the engineering efforts of the Plumbing/Fire Protection Department.

REPRESENTATIVE EXPERIENCE

Brooke County Board of Education - Follansbee, West Virginia
Hooverson Heights Primary School
Bethany Primary School

Cacapon Resort - Berkeley Springs, West Virginia
Lodge Renovation and Expansion

City of Fairmont - Fairmont, West Virginia
Public Safety Building

Fairmont State University - Fairmont, West Virginia
Engineering Technology Building
Conference Center Computer Lab
MATEC Hangar Fire Protection Systems Evaluation

West Liberty University - West Liberty, West Virginia
Shall Hall Renovations

West Virginia Army National Guard - Fairmont, West Virginia
New Reserve Center

West Virginia University - Morgantown, West Virginia
New Transportation Center & Garage

West Virginia High Technology Consortium - Fairmont, West Virginia
Base Building & Tenant Fitup for Office Building Complex

West Virginia National Guard Readiness Center - Buckhannon, West Virginia
New Armory at Readiness Center

EDUCATION
BS Electrical Engineering
Case Western Reserve University
1997

REGISTRATION
Professional Engineer, PA
PE-061041

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

AWARD
IES Design Award of Merit 2003,
Ross Twp. Municipal Complex
Pittsburgh, Pennsylvania

T. Steffanie Bako, P.E.

Senior Project Manager
Electrical Engineering department

As an electrical designer and engineer, Mrs. Bako provides engineering services for the design of office buildings, educational facilities, municipal buildings, community/ recreational buildings and commercial facilities. Her primary responsibility is for the preparation of electrical opinions of cost, technical specifications, engineering drawings, field observation, and coordination with architectural and other engineering disciplines.

Mrs. Bako's design responsibilities include lighting layout and fixture selection, including calculations and system coordination studies and calculations; computer rooms and associated support facilities; fire alarm and detection systems; emergency power, public address, audio-visual, security and closed circuit television systems. Additional responsibilities include client contact, field observation, and project management.

REPRESENTATIVE EXPERIENCE

Army National Guard - Fairmont, West Virginia
New Readiness Center

Canaan Valley Institute - Davis, West Virginia
New Office Building (LEED Silver)

City of Fairmont - Fairmont, West Virginia
New Parking Garage
Municipal Building Renovations

Fairmont State University - Fairmont, West Virginia
Engineering Technology Building
Musick Library Addition and Renovations

Glenville State College - Glenville, West Virginia
Student Center Renovations

Harrison County School District - Clarskburg, West Virginia
New Lumberport Elementary School

Marion County School District - Fairmont, West Virginia
New Middle School

Massey Energy - Charleston, West Virginia
New Office Building

Monongalia County School District - Morgantown, West Virginia
New Skyview Elementary School
New Mylan Park Elementary School

Twin Falls State Park Resort - Mullens, West Virginia
Lodge Expansion

West Virginia High Tech Consortium Office Building - Fairmont, West Virginia
Tenant Fit-ups

Allegheny Design Services

Structural & MEP Engineering

102 Leeway Street
Morgantown, WV 26505
Phone: (304)599-0771
Fax: (304)212-2396
www.alleghenydesign.com

CONSULTING ENGINEERING FIRM SPECIALIZING IN STRUCTURAL BUILDING DESIGN AND BUILDING ANALYSIS

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

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

Over 20 years in Design and Project Management of:

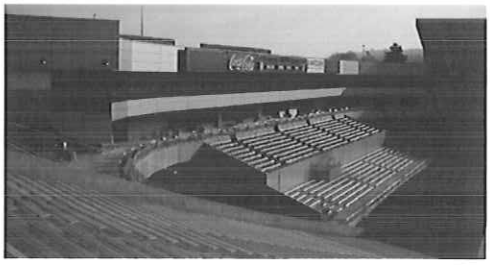
- Commercial
- Industrial
- Institutional
- Educational Facilities

OFFICE BUILDINGS

MIXED USE

PARKING GARAGES

HOTEL
CONFERENCE CENTERS



ATHLETIC FACILITIES

SECONDARY EDUCATION

METAL BUILDING SYSTEMS

HEALTH CARE

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FIRM PROFILE

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

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

ADS's experience in Design and Project Management includes:

Commercial Facilities

Industrial Facilities

Institutional Facilities

Educational Facilities

ADS was established by David Simpson, PE, MBA, in 2002 as a result of a need in North Central West Virginia for reliable structural engineering services. In 2009 MEP engineering services were added, led by Mike Chancey, PE. ADS utilizes a combination of office technology and a motivated staff to deliver projects typically up to $25 million in construction value. Our clients include architects, contractors, developers, attorneys, and insurance companies.

ADS currently utilizes the latest engineering design and BIM software for the development of project work.

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Structural & MEP Engineering

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Web: www.AlleghenyDesign.com

KEY PERSONNEL

David R. Simpson, PE, SECB, MBA, President

West Virginia Institute of Technology, BS Civil Engineering
West Virginia University, MBA
Structural Engineering Certification Board
National Council of Examiners for Engineering and Surveying
PE Licenses in the following States:

West Virginia	District of Columbia
Pennsylvania	South Carolina
Maryland	Ohio
Virginia	

Michael W. Howell, PE, SE, Sr. Structural Engineer

University of Pittsburgh, BS Civil Engineering
PE Licenses in the following States:

Virginia	Maryland
West Virginia	Pennsylvania

American Society of Civil Engineers
Richmond Branch Past President
Richmond Joint Engineers Council - Past Chairman
American Council of Engineering Companies

Jason D. Robinson, PE, Associate Engineer

West Virginia University, BS Civil Engineering
PE License - West Virginia

Jillian R. Nutter, EIT, Jr. Structural Engineer

West Virginia University, BS Civil Engineering
WV EIT Certification

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

David R. Simpson, PE, SECB, MBA
President

Education:

West Virginia Institute of Technology
B.S. Civil Engineering

West Virginia University
Masters Business Administration

West Virginia State College
Architectural Technology

Professional Registrations:

Year first registered: 1984
Structural Engineering Certification Board
West Virginia
Pennsylvania
Maryland
Virginia
District of Columbia
South Carolina
Ohio
National Council of Examiners for Engineering and Surveying

Professional Memberships:

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

Continuing Education:

2005 AISC Specification for Structural Steel Buildings – September 27, 2006 – Pittsburgh, PA
ASCE Testifying Skills for Engineers – February 16, 2007 – Orlando, FL
Peter Vallas Associates, Inc. "Fire Investigation Certification" – July 16, 2010 – Ft. Lauderdale, FL

Professional Experience:

Responsible for project management and design at Allegheny Design Services. Experience includes over 30 years in structural design and project management for industrial, commercial, institutional, and nuclear/chemical facilities utilizing steel, concrete, masonry, and wood. Past accomplishments include design and construction administration of health care facilities, hotels, schools, shopping centers, aircraft hangars, numerous retail facilities, and numerous forensic engineering assignments. Experience has been obtained from the following assignments:

Experience Record:

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

Additional Professional Experience:

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

Project experience includes:

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

Allegheny Design Services
Structural & MEP Engineering

102 Leeway Street
Morgantown, WV 26505
Phone: (304)599-0771 Fax: (304)212-2396
E-Mail: mhowell@AlleghenyDesign.com
Web: www.AlleghenyDesign.com

Michael W. Howell, PE, SE
Senior Structural Engineer

Education:

University of Pittsburgh - B.S. Civil Engineering

Professional Registrations:

Professional Engineer – Virginia, West Virginia, Maryland and Pennsylvania

Professional Memberships:

American Society of Civil Engineers - Past Branch President
Richmond Joint Engineers Council - Past Council Chairman
Structural Engineering Institute

Continuing Education:

Kaplan 28 Hour SE Exam Review Course – August 2011 – Richmond, VA
OSHA 10 Hour Safety Course for Construction Personnel – April 2006 – Alexandria, VA

Professional Experience:

Experience includes experience in structural design, project management, and construction administration for industrial, commercial, military, and government facilities utilizing steel, concrete, masonry, and timber. Past accomplishments include design and construction administration of petroleum and water storage tanks, pedestrian and traffic bridges, industrial warehouses, schools, and numerous other types of buildings. Experience has been obtained from the following assignments:

Experience Record:

Allegheny Design Services, LLC, Sr. Structural Engineer	June 2012 to Present
Austin Brockenbrough and Associates, Structural Engineer	March 2008 to June 2012
McKinney and Company, Civil Engineer	March 2007 to March 2008
American Bridge Company, Field Engineer	May 2005 to March 2007

Additional Professional Experience:

Project experience (past and present) includes:

Puskar Center Vertical Expansion Analysis, West Virginia University, Morgantown, WV
Brownsville Marine Product Plant Upgrade and Repairs, Brownsville, PA
Woodrow Wilson Bascule Replacement, Alexandria, Virginia
High Bridge Trail State Park Pedestrian Bridges, Prince Edward County, Virginia
Observation Platform, Midlothian Mines Park, Chesterfield County, Virginia
Eppington Plantation Structural Stabilization, Chesterfield County, Virginia
Old City Hall Plaza Replacement, Richmond, Virginia

Allegheny Design Services
Structural & MEP Engineering

102 Leeway Street
Morgantown, WV 26505
Phone: (304)599-0771 Fax: (304)212-2396
E-mail: Jason@AlleghenyDesign.com
Web: www.AlleghenyDesign.com

Jason D. Robinson, PE
Associate Engineer

Education:

West Virginia University - B.S. Civil Engineering

Professional Registrations:

Professional Engineer - West Virginia

Professional Memberships:

Member of AISC
Associate Member of ASCE

Continuing Education:

WVU Steel Design – Fall 2007
AISC - Façade Attachments to Steel Frames - September 20, 2007
ASCE - Reinforced Masonry: Design and Construction - November 8, 2007
TSN - Cold-Formed Steel Seminar – Load Bearing and Curtain Wall Systems - December 4, 2008
Lincoln Electric Co. - Blodgett's Welding Design Seminar - October 13-16, 2009
Steel Camp – November 4-5, 2010
The New 14th Edition Steel Manual – October 25, 2011

Professional Experience:

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

Experience Record:

Allegheny Design Services, Associate Engineer — June 1, 2007 to Present

Additional Professional Experience:

Bridgeport Public Safety Substation, Bridgeport, WV
Canaan Valley Institute, Davis, WV
Charles Pointe BFS, Bridgeport, WV
Fairmont AFRC, Fairmont, WV
Gabriel Brothers Renovation, Clarksburg, WV
Genesis Youth Crisis Center, Clarksburg, WV
Goshen Baptist Church, Morgantown, WV
GSA, Charleston, WV
GSA DOE, Morgantown, WV
ICC Parish Center, Clarksburg, WV
Mason Dixon, Bridgeport, WV
Mylan Upper Warehouse to Labs, Morgantown, WV
Progress Centre 2, Bridgeport, WV
WVU Child Development, Morgantown, WV
White Oaks Progress Center, Bridgeport, WV

Allegheny Design Services
Structural & MEP Engineering

102 Leeway Street
Morgantown, WV 26505
Direct Dial Phone: (304)581-6949
Main Office Phone: (304)599-0771 Ext. 327
Fax: (304)212-2396
E-mail: Jillian@AlleghenyDesign.com
Web: www.AlleghenyDesign.com

Jillian R. Nutter, EIT
Jr. Structural Engineer

Education:

West Virginia University – B.S. Civil Engineering — August 2007 – May 2011

Certification:

WV EIT Certification

Continuing Education:

North Carolina State University – Master of Civil Engineering — August 2012 – Present

Memberships:

Chi Epsilon — April 2011 – Present

Professional Experience:

Responsibilities include engineering design of structural steel, reinforced concrete, reinforced masonry, wood, foundations and analysis of existing systems.

Experience Record:

Allegheny Design Services — January 1, 2013 – Present
Jr. Structural Engineer

North Carolina Department of Transportation — September 2012 – December 2012
Engineering Technician

Allegheny Design Services
Structural & MEP Engineering

ALLEGHENY DESIGN SERVICES' EXPERIENCE TEAMING WITH OMNI ASSOCIATES-ARCHITECTS, INC.

BFS Fairmont
Fairmont, WV

ADS was a consultant to Omni Associates for the BFS Fairmont. This project consists of retail and auto center. Construction cost was approximately $750,000 and it was completed in 2010.

Canaan Valley Institute Headquarters/ Educational Facility
Davis, WV

ADS was a consultant to Omni Associates for the Canaan Valley Institute Headquarters/Educational Facility. CVI Headquarters houses research facilities, offices, and public service facilities. Construction cost was approximately $6.5 Million. It was completed in 2009.

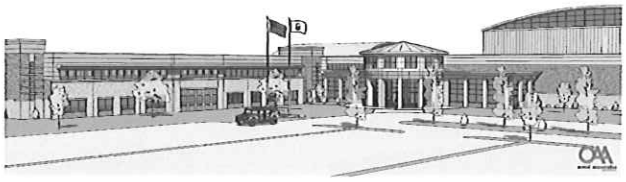
Fairfield Inn/Marriott
Morgantown, WV

ADS was a consultant to Omni Associates for the Fairfield Inn/Marriott. Full Engineering Services were provided Construction cost was approximately $5.8 Million. It was completed in 2010.

Allegheny Design Services
Structural & MEP Engineering

Fairmont AFRC
Fairmont, WV

ADS was a consultant to Omni Associates for the Fairmont AFRC. Design is currently underway for a National Guard Readiness Center. It includes space for training, offices and multi-use public space.



Fairmont Senior High School Cafeteria Addition
Fairmont, WV

ADS was a consultant to Omni Associates for the Fairmont Senior High School Cafeteria Addition. Completed in 2000, this $2.5 Million addition consists of a cafeteria and mechanical space on the lower level.

Fairmont State University Feaster Center Addition
Fairmont, WV

ADS was a consultant to Omni Associates for the Fairmont State University Feaster Center Addition. An entrance addition was added to the existing facility. Completed in 2009 for approximately $1.1 Million.

Allegheny Design Services
Structural & MEP Engineering

Gabriel Brothers—Bridgeport Hill
Bridgeport, WV

ADS was a consultant to Omni Associates for the Gabriel Brothers—Bridgeport Hill Renovation. Project consisted of an addition and renovation to existing store. Foundation Repair due to expansive soils. Completed in 2008 for approximately $2 Million.

GSA Building
Charleston, WV

ADS was a consultant to Omni Associates for the GSA Building in Charleston, WV. The facility consists of Offices and Operations Facility. Completed in 2011 for approximately $3 Million.

Jerry Dove Medical Office Building
Bridgeport, WV

ADS was a consultant to Omni Associates for the Jerry Dove Medical Office Building. This building consists of Structural Mat Foundation System and Steel Framing. The facility was completed in 2011 for approximately $6 Million.

Allegheny Design Services
Structural & MEP Engineering

Lakeside Physical Therapy
Morgantown, WV

ADS was a consultant to Omni Associates for the Lakeside Physical Therapy Building. The 8,700 square foot facility was completed in 2006. It consists of offices, treatment rooms and aerobic area. Construction cost was approximately $1.4 Million.

Lumberport Elementary School
Lumberport, WV

ADS was a consultant to Omni Associates for the Lumberport Elementary School. It consists of insulated concrete form (ICF) walls; steel joist floors and roof; and concrete on metal deck floors. Construction cost is approximately $10 Million and the estimated completion is Spring of 2012.

Mon Power Regional Headquarters
Fairmont, WV

ADS was a consultant to Omni Associates for the Mon Power Regional Headquarters Building. This building consists of Transmission Control Center; Offices, Conference Rooms; and Maintenance Center. It was completed in 2010.

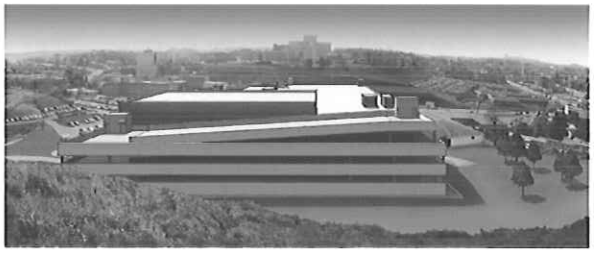
Allegheny Design Services
Structural & MEP Engineering

MSHA Offices - District 3 - Coal Mine Safety & Health Office
Morgantown, WV

ADS is a consultant to Omni Associates for the MSHA Offices. The 21,000 sq. ft. facility serves the District 3 Mine Safety Division. It features a load bearing light gage wall system with wood trusses and metal bar joists.

Mylan Corporate Office Parking Garage
Morgantown, WV

ADS is a consultant to Omni Associates for the Mylan Corporate Office Parking Garage. The 400 car parking structure was completed in 2004. The $5.5 Million facility is set into a terraced hillside.



St. Bernard Chapel
Snowshoe, WV

ADS was a consultant to Omni Associates for the St. Bernard Chapel. This 7,200 square foot facility was completed in 2005. Consisting of a timber frame structure at a cost of $1.5 Million. Received a Merit Award from AIA West Virginia.

Allegheny Design Services
Structural & MEP Engineering

Suncrest Towne Centre Building 600
Morgantown, WV

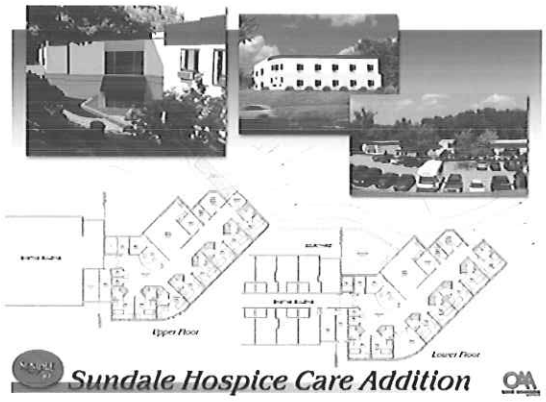
ADS is a consultant to Omni Associates for the Suncrest Towne Centre Building 600. This 13,000 square foot facility was completed in 2009 for approximately $3 Million. The lower level consists

Suncrest Towne Centre Office Buildings 451, 453 & 455
Morgantown, WV

ADS is a consultant to Omni Associates for the Suncrest Towne Centre Office Buildings 451, 453 & 455. These three office buildings are a total of 44,000 square feet in office space. Construction is underway.

Sundale Nursing Home
Morgantown, WV

ADS is a consultant to Omni Associates for the Sundale Nursing Home. This project consisted of a Sundale Hospice Care Addition consisting of Load Bearing Light Gage Construction. The project was completed in 2010 for approximately $2 Million.



Allegheny Design Services
Structural & MEP Engineering

Suncrest Towne Centre Site C
Morgantown, WV

ADS is a consultant to Omni Associates for the Suncrest Towne Centre Site C. Engineering was provided for foundation design, miscellaneous structural consultation for a prefabricated metal building frame clad in masonry. Total retail space is approximately 60,000 square feet.

WVU Child Development and WVU Nursery School
Morgantown, WV

ADS is a consultant to Omni Associates for the WVU Child Development and WVU Nursery School. The WVU Child Development Center is 18,907 Sq. Ft. and the WVU Nursery School is 4,163 Sq. Ft. This project was completed in Fall of 2009 for approximately $6.1 Million.

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RFQ No. DEFK13010

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

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

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: **By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (*W. Va. Code* §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.**

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Omni Associates - Architects, Inc.

Authorized Signature: _____ Date: 05/28/2013

State of West Virginia

County of Marion, to-wit:

Taken, subscribed, and sworn to before me this 28 day of May, 2013.

My Commission expires 9 February, 2013.

AFFIX SEAL HERE

NOTARY PUBLIC _____

OFFICIAL SEAL NOTARY PUBLIC
STATE OF WEST VIRGINIA
ANGELA HAMMOND
RR2 Box 331 B Fairmont, WV 26554
My Commission Expires February 9, 2021