State of West Virginia
Department of Administration
Purchasing Division

N O T I C E

Due to the size of this bid, it was impractical to scan every page for online viewing. We have made an attempt to scan and publish all pertinent bid information. However, it is important to note that some pages were necessarily omitted.

If you would like to review the bid in its entirety, please contact the buyer. Thank you.

***

Operations Award of Excellence awarded to
The Omni Associates - Architects:

"For positively impacting the economic growth of West Virginia and its emerging high technology business base."

Presented by The West Virginia High Technology Consortium Foundation

Proposal for Architectural & Engineering Services

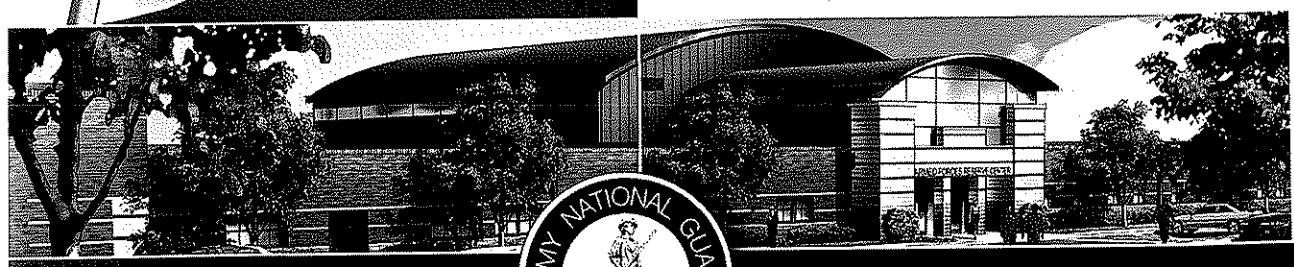
17 June 2010
RFQ# DEFK10020

BUILDING Green

"...Your availability and professional administration have been a decided... bene... (WVARNG Eleanor Readine... Maintenance Facilities) projects... Considering both represent... approximately $30 million dollars, Omni... and consultants have performed above... our expectations, the O&M would not... hesitate in working with you again."

Melvin L. Burch
COL, EN, WV-ARNG
Construction and Facilities Management Officer

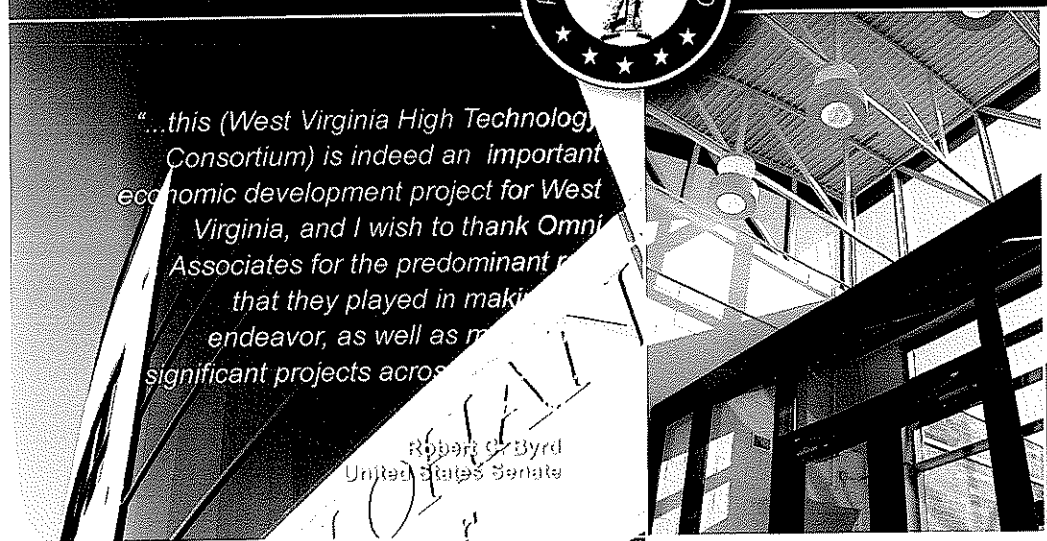
West Virginia Army National Guard
Buckhannon Field Maintenance Shop



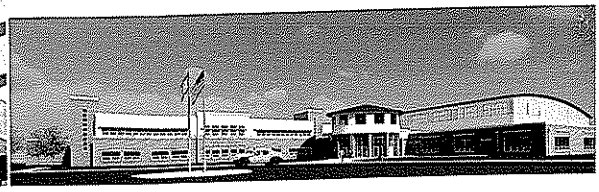
ARMY NATIONAL GUARD

"...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 r... that they played in maki... endeavor, as well as m... significant projects acros...

Robert C. Byrd
United States Senate



THE **OMNI** ASSOCIATES
Architects
www.omniassociates.com



N.B. Moll Operation Center

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PURCHASING DIVISION
STATE OF WV

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

...R. D. Davis, CPT, OD, WVAR
CSMS Superintend...

Warren T. Huxley, LTC, EN, WVAR
Surface Maintenance Mana...

Omni Associates - Architects

17 June 2010

LTC David Shaffer
Division of Engineering and Facilities
Armory Board Section
1703 Coonskin Drive
Charleston, WV 25311-1099

RE: RFQ Number: DEFK10020

West Virginia Army National Guard Buckhannon Field Maintenance Shop

Dear LTC Shaffer:

I am very pleased to submit **Omni Associates – Architects'** expression of interest for the Buckhannon Field Maintenance Shop. The team we have assembled has a history of successful collaboration on a variety of projects, including **West Virginia Army National Guard** projects such as the **Eleanor AFRC and CSMS** and the **Fairmont AFRC, which was recently bid under budget.**

Our proven team includes **Capitol Engineering, Tower Engineering** and **Allegheny Design Services**. Because we have worked together on many projects, we can provide the most cost effective design solution for your program needs. As Omni's Principal-in-Charge, I will guide this team through the design process and serve as the point-of-contact to the West Virginia Army National Guard throughout the duration.

As you are aware, two of our team members, including myself, have specific **military experience** and expertise that in past has proven very valuable. My experience over the past 30 years, both on active duty and active Reserves, allows me to be an **extension of your staff with no learning curve** when it comes to your needs and requirements. Because of this experience, I understand the importance of designing a facility that is **distinctive in appearance** and **functional** to your needs.

As a **West Virginia firm** located in Fairmont, Omni Associates - Architects understands that our success is based on our commitment to being responsive. One component of that responsiveness is our proximity to your project location: **Omni's office is located within 50 miles of Buckhannon.** We provide clients with the results they value most: innovative designs consistent with the building program, cost effective designs that **meet the budget**, and efficient management to provide on-time deliverables and completion. These are qualities that draw our clients back and result in lasting relationships. That's why we enjoy a **repeat client rate of more than 90%**, a source of considerable pride.

Omni's design team understands that good design must incorporate the operational expenses over the life of the structure. We contemplate long-term operational and maintenance costs when considering design solutions to meet the function and budget of a project. Even without LEED certification, our designs have always consisted of quality that is both **simplistic and sustainable.**

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

Sincerely,
The Omni Associates - Architects

Richard T. Forren, AIA, NCARB
Principal

RFQ No. DEFK 10020

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: OMNI ASSOCIATES – ARCHITECTS, INC.

Authorized Signature: _____ Date: 6/15/2010

State of WEST VIRGINIA

County of MARION, to-wit:

Taken, subscribed, and sworn to before me this 15 day of December, 2010.

My Commission expires OCTOBER 13, 2010.

AFFIX SEAL HERE

NOTORY PUBLIC _____

NOTARY PUBLIC OFFICIAL SEAL
ANGELA HAMMOND
State of West Virginia
My Commission Expires October 13, 2010
1114 Fennimore Street, Fairmont, West Virginia 26554

Buckhannon Field Maintenance Shop

West Virginia
Army National Guard

RFQ Number:
DEFK10020

Buyer:
32

Opening Date:
06/17/2010

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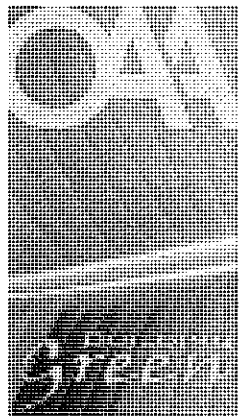
1:30 PM

Statement of Qualifications



Omni Associates – Architects, Inc.
1543 Fairmont Avenue, Suite 201
Fairmont, West Virginia 26554

Voice.304.367.1417
Facsimile.304.367.1418

Email: dave@omniassociates.com
World Wide Web: www.**omni**associates.com

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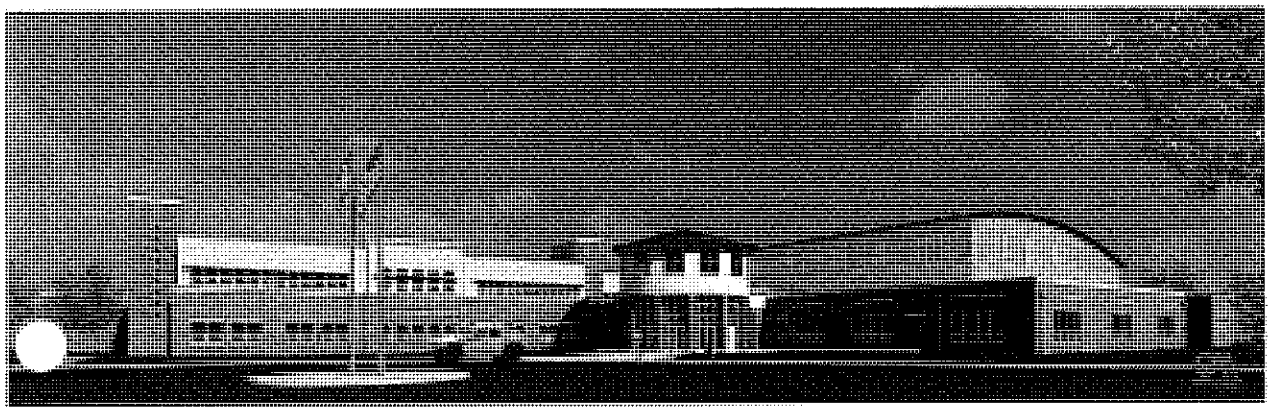

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Project Understanding, Approach and Plan

West Virginia
Army National Guard

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

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

We listen, then lead. The unique opportunity that is available to you is that Omni works "hands-on" with the stakeholders of a project and has a very fluid approach to design and documentation. The advantage is direct contact that allows information to be modified on a weekly and, sometimes daily basis. This level of communication is not achieved by long-distance communications and formal meetings. This is one benefit that Omni provides to all our local clients. Fairmont State University, the City of Fairmont, WVU Hospitals, Mylan Pharmaceuticals and the West Virginia High Technology Consortium Foundation have selected Omni and our consultants for numerous projects and have profited from our immediate accessibility.

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

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Technical Competencies

West Virginia
Army National Guard

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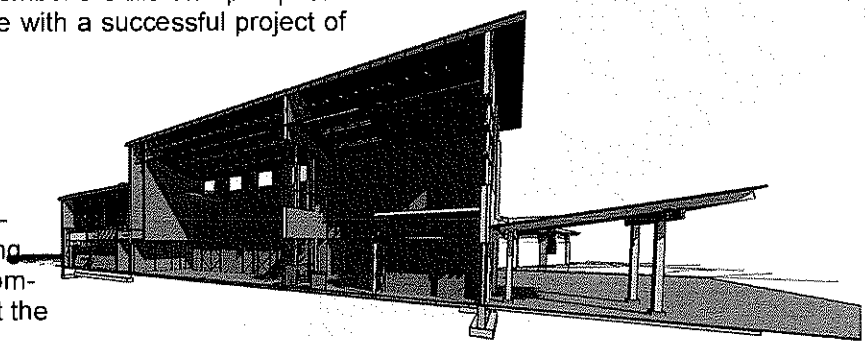
Omni Associates – Architects, Inc. is an award-winning architectural firm located in Fairmont, West Virginia. Since its inception in 1980, Omni has earned recognition as a specialist in the programming, planning, and design of a wide variety of facilities including healthcare facilities, commercial offices,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

Omni's professional staff is comprised of dedicated, experienced, and creative individuals. Our skilled team includes **6 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.

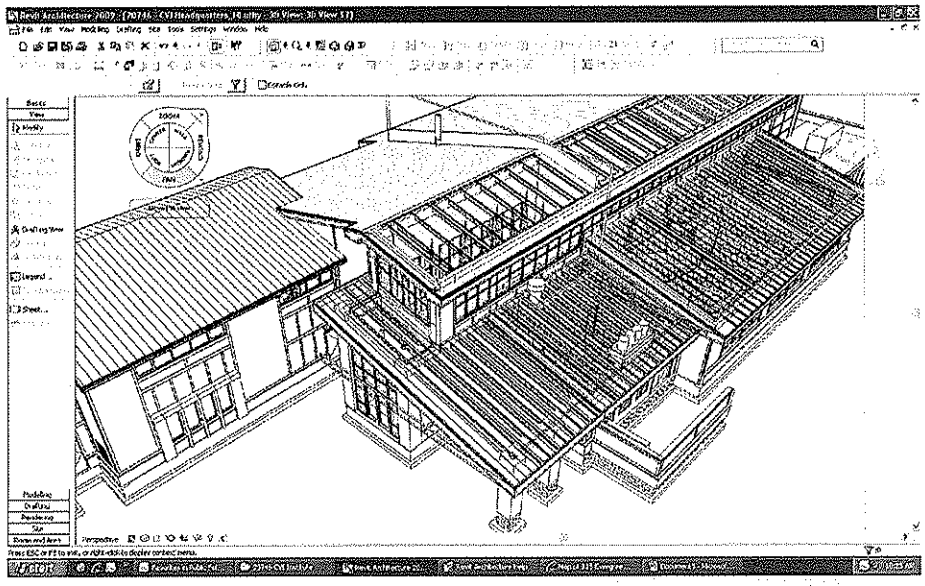
In reality, the Omni project team goes beyond our in-house staff to include consultants, client representatives, owners, and a construction manager, as required. **The involvement of project team members in all phases and facets of a project allows us to combine broad experience and personal accountability.** It is the mutual respect of each team member's skills and perspective that enables the design process to conclude with a successful project of which we all can be proud.

By constructing the building in the virtual world first, conflicts can be anticipated and averted.



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.



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

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Project Team Qualifications

West Virginia
Army National Guard

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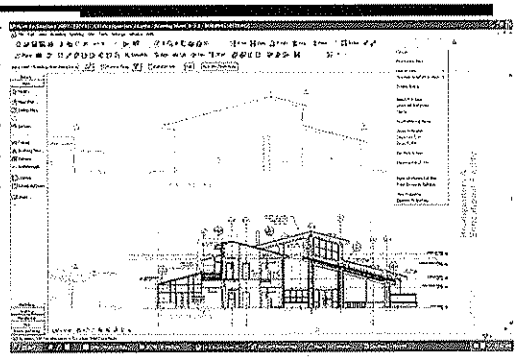
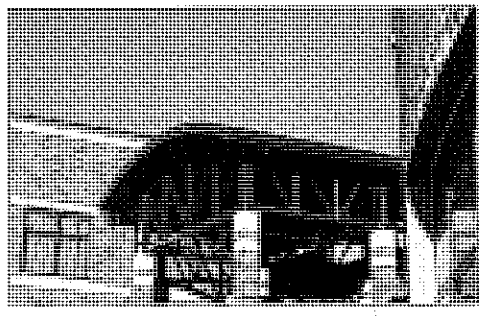
Obviously, using the latest computer software does not guarantee good design. Good design is built upon having a complete understanding of the client's needs and the knowledge & experience to create a space which addresses those needs in an elegant and practical manner. We see BIM as an advanced tool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



Primary Contact:

Richard T. Forren AIA, NCARB

Omni Associates - Architects, Inc.
1543 Fairmont Avenue, Suite 201
Fairmont, WV 26554
Voice: 304.367.1417
Email: rforren@omniassociates.com



Project Team Introduction

The project team that you select will be one that will work with you over the upcoming years. It is our endeavor to continue our relationship with The West Virginia Army National Guard and users. Our dedicated and experienced staff brings a unique level of ingenuity to every project. Omni Associates – Architects carefully selects its project team based on each member's ability to add directly-related experience, ensuring our ability to meet the specific challenges and goals of each client. 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, Tower Engineering, and Capitol Engineering.

In order to guarantee a constant level of dedication and commitment, it is Omni's philosophy that a principal remains with the project from commencement to completion. Richard T. Forren AIA, NCARB, shall serve as principal in charge.

In the following sections, we have provided a considerable amount of information that demonstrates the qualifications, experience, and expertise of the team we have specifically chosen for the Buckhannon Field Maintenance Shop. We are confident that we can provide the close communication and superior services you require.

Mylan Laboratories

Omni Associates is especially proud of its continuing 15-year working relationship with Mylan Laboratories, the nation's largest generic pharmaceutical manufacturer.

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Key Consultants Overview

Capitol Engineering, Inc.

Capitol Engineering, Inc. will provide site and civil engineering consultation on this project. Capitol is both a veteran-owned and women-owned consulting engineering firm located in Charleston, minutes away from the West Virginia National Guard Joint Force Headquarters on Coonskin Drive. Capitol provides comprehensive engineering, design and construction services to meet your infrastructure needs. Capitol has a tremendous history of service to the West Virginia Guard and looks forward to building on that success.

Tower Engineering, Inc.

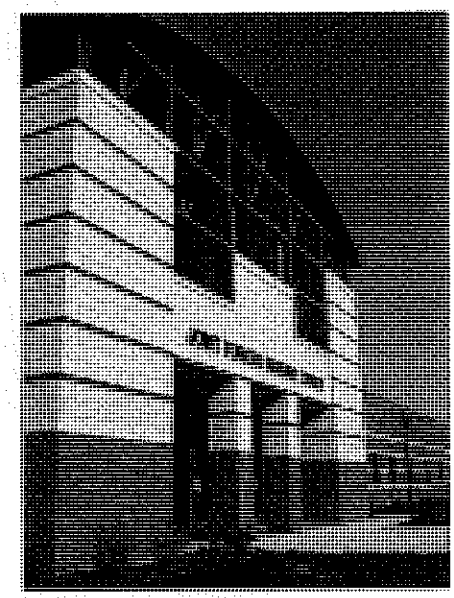
Tower has been providing innovative mechanical and electrical engineering solutions and unparalleled client service since 1931. Through past experience, they have learned the importance of designing to allow adaptability for future growth and change. Their knowledge and design of special ventilation systems, code requirements, piping and hazardous materials handling are essential to our clients. The health and safety of the occupants of any facility depend upon the proper design of the mechanical and environmental control systems serving it.

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.

Allegheny Design Services

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 the latest engineering design and drafting software 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.

West Fairmont Middle School:
"The template for the twenty -first century school"
Dr. James B. Phares
Superintendent - Marion County, WV



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West Virginia
Army National Guard

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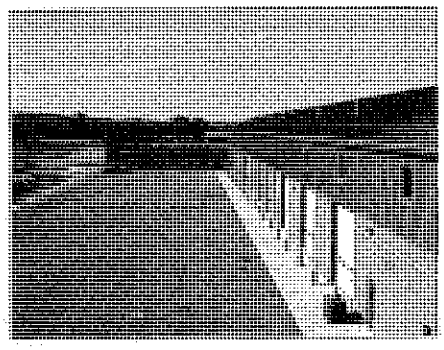
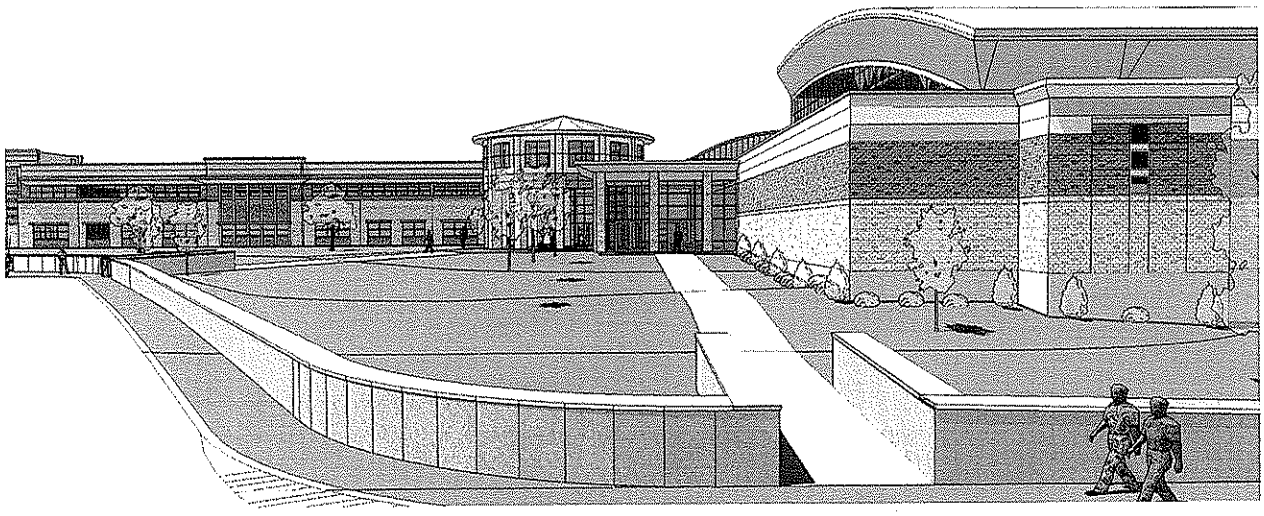
Qualified Personnel - Omni Associates

Richard T. Forren AIA, NCARB
Project Architect

Richard T. Forren is a Principal and Project Architect in charge of design and construction for The 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. Most recently, Mr. Forren served as Project Architect for two 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 the WVARNG Fairmont Armed Forces Reserve Center.

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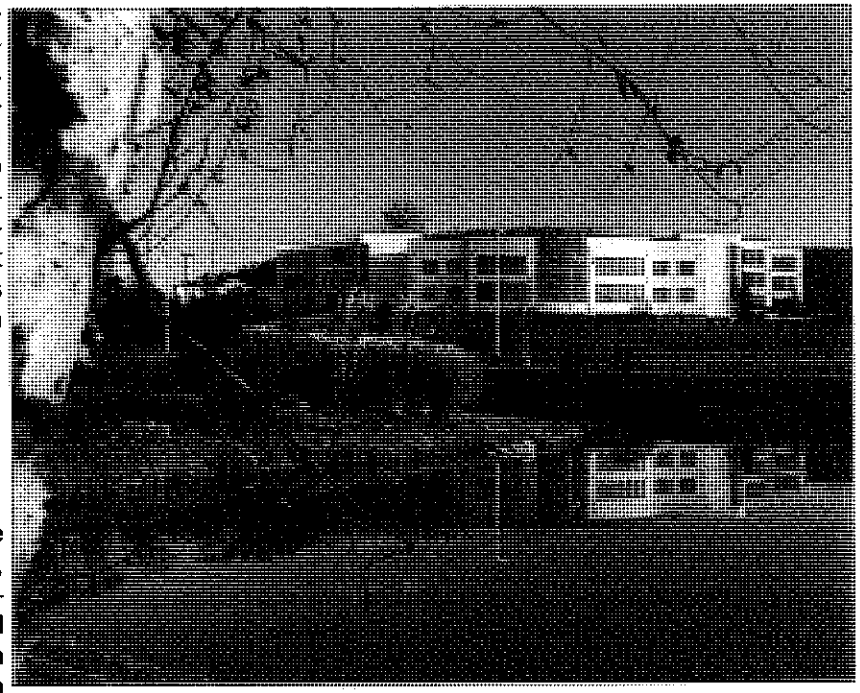
Currently Mr. Forren serves in the United States Army Reserves, as a Colonel he is currently assigned to the Fifth United States Army as the Army's Emergency Preparedness Liaison Officer (EPLO) for West Virginia. This involves working with FEMA, The Office of Emergency Management and the Department of 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.

Mr. Forren has served as an instructor of Architecture at Fairmont State College, Fairmont, West Virginia, and he currently serves on the Fairmont State University Faculty Advisory Committees for both Civil Engineering and Architectural Engineering. Mr. Forren also currently serves as a member of the Architectural Review Committee for the I-79 Technology Park and as a member of the Bridgeport City Planning Commission, where he has been the past President of the Commission and has served since 1988.



David E. Brown
Project Manager

David Brown is a skilled and knowledgeable Project Manager. Originally from Fairmont, WV, Mr. Brown has a background in construction from the perspective of both a laborer and an owner. He owned a small construction business and cabinet shop and worked in these fields for an 18-year period before returning to college. Since earning an Associate degree in Architectural Technology from Fairmont State College, he has applied his knowledge and experience to the building design process and project management.

Mr. Brown has been involved in many large-scale projects, including new construction and additions, in the areas of health care, public education, and government buildings. His recent experience has included work on a National Guard complex in Eleanor, WV. This project was comprised of a 130,000 sq. ft. ($18 million) Maintenance Facility as well as a 78,000 sq. ft. ($12 million) Readiness Center. His duties included the production and coordination of drawings, as well as the review of shop drawings, pay-application processing, requests for information, proposal requests, and writing non-compliance reports. Since 1998, Mr. Brown has established and sustained a solid working relationship with the West

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Virginia Army National Guard construction administration personnel. He has been involved with the Eleanor Maintenance and Readiness projects from their inception through the final construction administration phase. He is also presently serving as Project Manager for the new Fairmont Armed Forces Reserve Center.

Qualified Personnel – Key Consultants

Capitol Engineering, Inc.

Robert M. Fuller, PE
Project Manager – Civil Engineering

Mr. Fuller, serving as Project Manager for Capitol Engineering, has surpassed over fifteen (15) years of project experience with site investigation, planning, design and contract administration services on military, site development and mine reclamation projects. Mr. Fuller has been fully responsible technically, managerially and administratively for the planning, investigation, design and contract document preparation for over fifty (50) projects in the State of West Virginia. Mr. Fuller has served as Associate Professor of Civil Engineering Technology at West Virginia University Institute of Technology on a full-time, part-time, and adjunct basis.

Mr. Fuller holds an M.S. Engineering degree from Marshall University Graduate College, 1997 as well as a B.S. Engineering Technology degree from West Virginia Institute of Technology, 1989.

Recent West Virginia Army National Guard experience includes Fairmont Armed Forces Reserve Center, Glen Jean Armed Forces Reserve Center, Summersville Readiness Center, and the Lewisburg Readiness Center.

Tower Engineering, Inc.

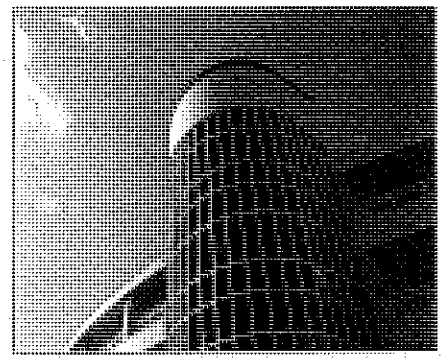
James N. Kosinski, P.E.
Project Manager – MEP HVAC Engineering

Mr. Kosinski has eighteen (18) 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 has performed energy conservation analysis, evaluated HVAC system performance, and justified the installation of DDC control systems and other energy saving measures.

"...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



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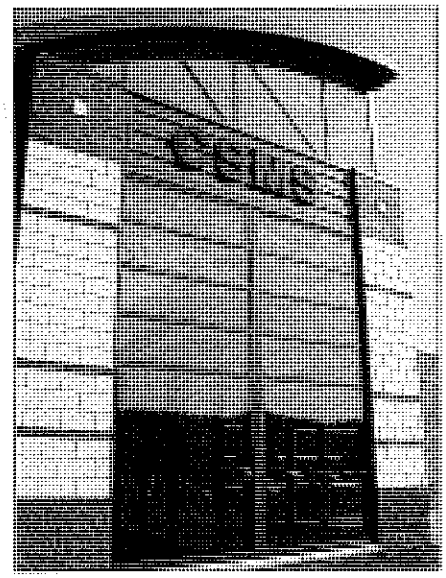
Mr. Kosinski holds a Bachelor Architectural Engineering from Penn State University. He is licensed to practice engineering in the states of West Virginia, Pennsylvania, and Michigan. He is a member of the American Society of Heating, Refrigeration & Air Conditioning, Engineers (ASHRAE) and the Association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

Allegheny Design Services

Mr. David R. Simpson P.E., SECB, MBA
Project Manager – Structural Engineering

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.

Mr. Simpson is a member of the following professional organizations: American Society of Civil Engineers, Structural Engineering Institute, American Concrete Institute, American Institute of Architects – West Virginia Chapter, American Institute of Steel Construction, Inc., and the American Iron and Steel Institute.

Specific Design Experience - Key Consultants

- Fairmont Armed Forces Reserve Center, WV *(Capitol, Tower, Allegheny)*
- Ripley Armed Forces Reserve Center, WV *(Capitol)*
- Glen Jean Armed Forces Complex, WV *(Capitol)*
- Summersville Readiness Center, WV *(Capitol)*
- Lewisburg Readiness Center, WV *(Capitol)*
- AASF#1 Apron Expansion/Rehabilitation and Taxiway Replacement, Parkersburg, WV *(Capitol)*
- Dawson Army Airfield Runway Extension, Kingwood, WV *(Capitol)*
- Pennsylvania Army National Guard Readiness Center, Connellsville, PA *(Tower)*
- Stryker Brigade Combat Team Readiness Center & OMS, Cambridge Springs, PA *(Tower)*
- U.S. Army Corps of Engineers Lab Ventilation , Pittsburgh, PA *(Tower)*
- U.S. Army Reserve Center Readiness Center and Organizational Maintenance Shop Building , Jane Lew, WV *(Tower)*

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Specific Design Experience: Omni Associates—Architects

RFQ Number:
DEFK10020

Buyer:
32

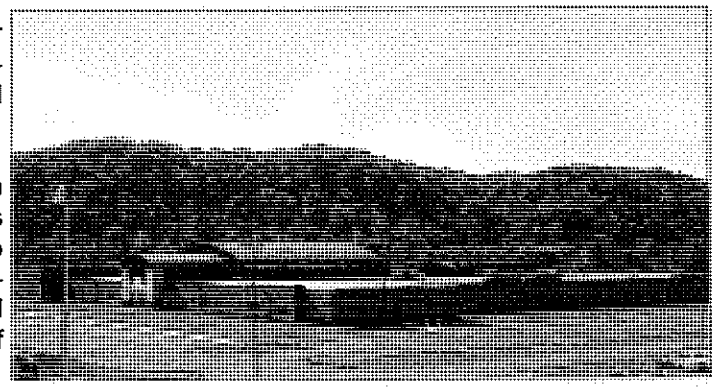
Opening Date:
06/17/2010

Opening Time:
1:30 PM

Eleanor Readiness Center
West Virginia Army National Guard
Eleanor, West Virginia
78,000 Square Feet
$ 12 Million

The new Readiness Facility is a single-story, brick masonry and steel structure enclosing approximately 78,000 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 Readiness Center as a facility houses units of the state Army National Guard and one unit of the Navy.

The aesthetics of the new structure 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.

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.

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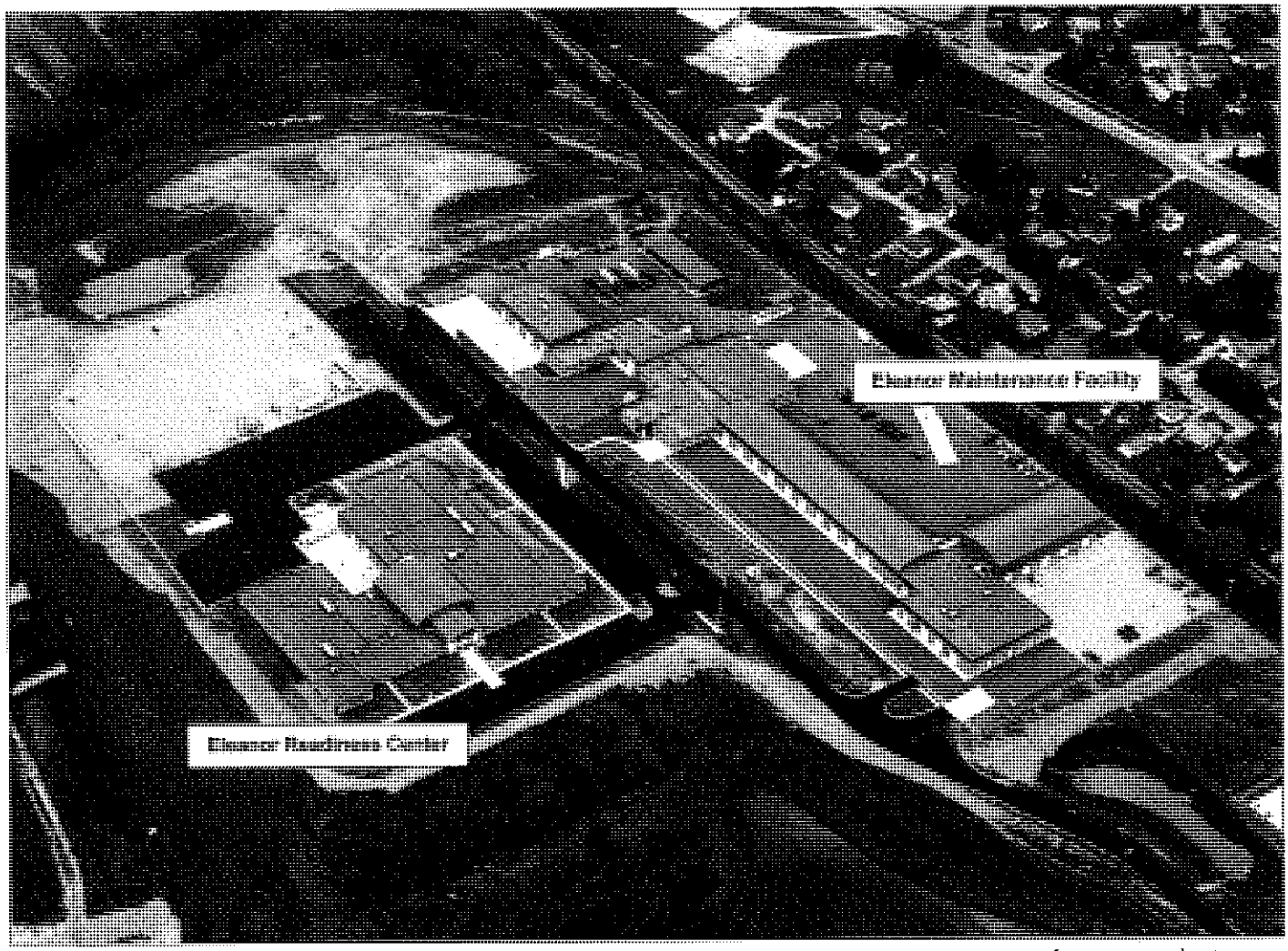
ARCHITECTS

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, whenever possible, large open areas such as the Assembly Hall were utilized for circulation.



West Virginia
Army National Guard

RFQ Number:
DEFK10020

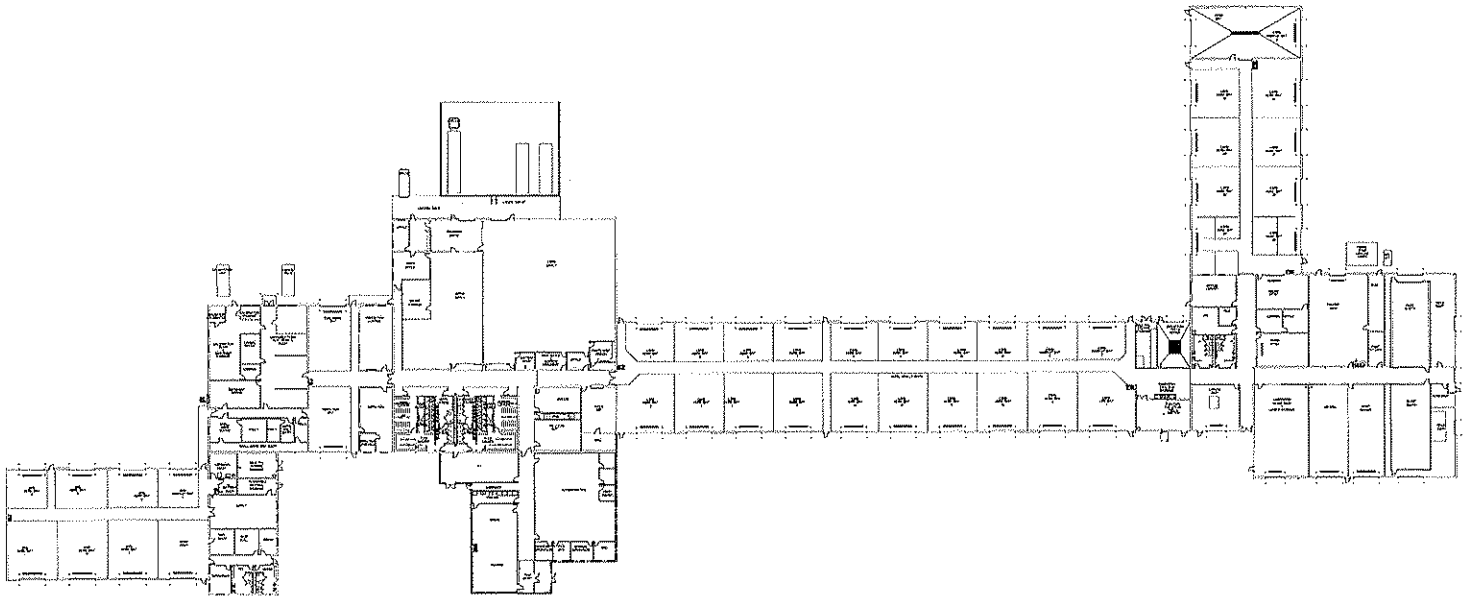
Buyer:
32

Opening Date:
06/17/2010

Opening Time:
1:30 PM

Eleanor Maintenance Facility
West Virginia Army National Guard
Eleanor, West Virginia
130,000 Square Feet
$ 18 Million

The new Eleanor Maintenance Complex, in Eleanor, WV, is a 130,000 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 course in and around the facility. This focuses on a logical and efficient continuity of work for the maintenance and repair of vehicles as well as the progression of component 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.

The facility will provide 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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West Virginia
Army National Guard

Fairmont Readiness Center and Civic Center
West Virginia Army National Guard
Fairmont West Virginia
99,800 Square Feet
$ 26 Million

RFQ Number:
DEFK10020

Buyer:
32

Opening Date:
06/17/2010

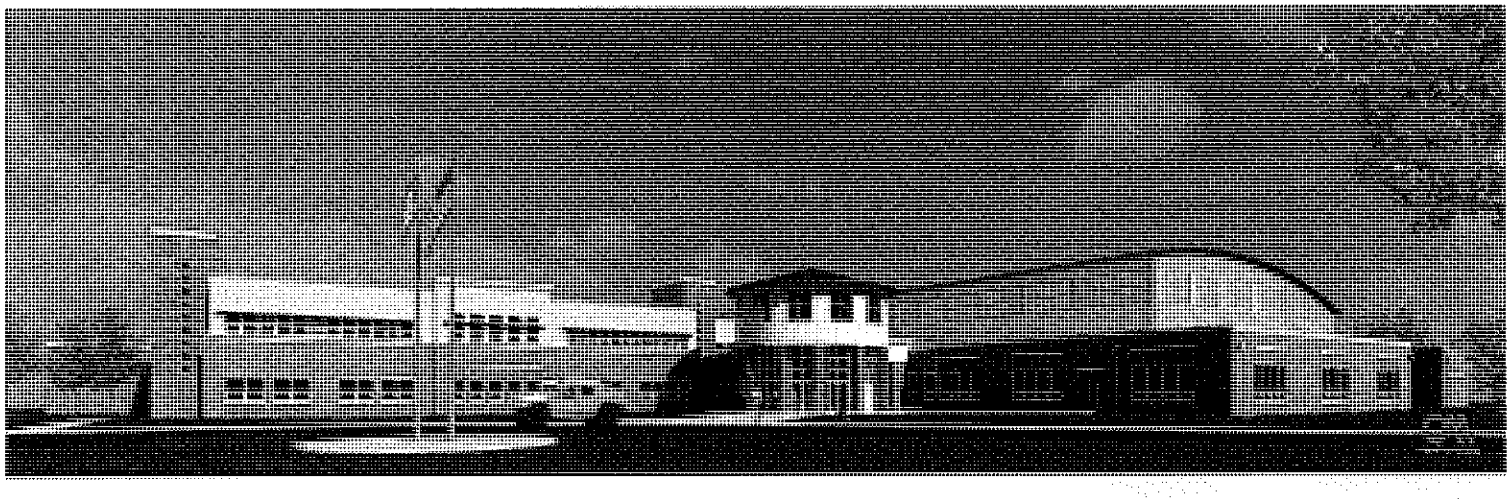
Opening Time:
1:30 PM

The specially designed AFRC is permanent masonry type construction with 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. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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, berms, heavy landscaping and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features are incorporated into design.

"You are truly the most responsive, friendly, and personable firm I have come across recently - many thanks, and kudos to you for establishing such a great dynamic within your work environment."

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



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WVARNG Buckhannon Field Maintenance Shop

info@omniassociates.com 304.367.1417 www.omniassociates.com

West Virginia Army National Guard
CONSTRUCTION & FACILITIES MANAGEMENT OFFICE
1703 Coonskin Drive
Charleston, West Virginia, 25311-1085
(P) 304-561-6446 (F) 304-561-6458 (DSN) 623-6446

10 April 2000

The OMNI Associates Architects
1543 Fairmont Avenue, Suite 201
Fairmont, West Virginia 26554

Attn: Mr. Richard Forren, A.I.A.

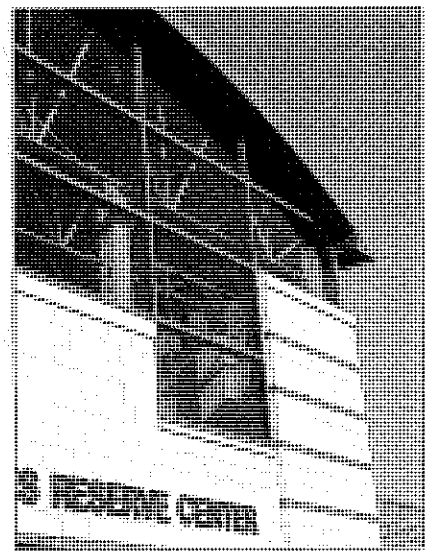
Mr. Forren

The West Virginia Army National Guard, Construction and Facilities Management Office, has been working with your firm, and related consultants, for little over two years. During that time OMNI has been most receptive and responsive to the difficult design processes encountered for the Eleanor Complex. Your availability and professional administration have been a decided benefit to the projects. Considering both represent over 240,000 square feet and approximately $30 million dollars, OMNI and its consultants have performed above our expectations.

It has been a pleasure working with you on these projects, and we look forward to their completion with your firm.

Should OMNI Associates wish to provide professional services for our many future projects, the C&FMO would not hesitate in working with you again.

Melvin L. Burch
COL, EN, WV-ARNG
Construction and Facilities Management Officer



Administration
COL Melvin L. Burch
COL Donald R. Beightol, R.P.F.
Mr. Samuel W. Peal
Ms. Nancy Casto
Ms. Charis Ellis

Planning & Construction
CPT Garrett B. Cottrell, P.E.
Mr. Todd E. Tingler, A.I.A.
Mrs. Debbie E. Sanders
2LT Jennifer E. Pingley

Environmental
LTC Gary A. Blackhurst
Mr. Philip P. Emmerth
Mrs. Rita L. Meneses
Mr. David P. Shafer

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ARCHITECTS

United States Senate
COMMITTEE ON APPROPRIATIONS
WASHINGTON, DC 20510-6025

September 23, 1996

Mr. Richard T. Forren
Omni Associates
1543 Fairmont Avenue
Fairmont, West Virginia 26554

Dear Mr. Forren:

It was a pleasure to participate in the dedication of the Alan B. Mollohan Innovation Center that was held this past weekend.

This 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. Keep up the good work.

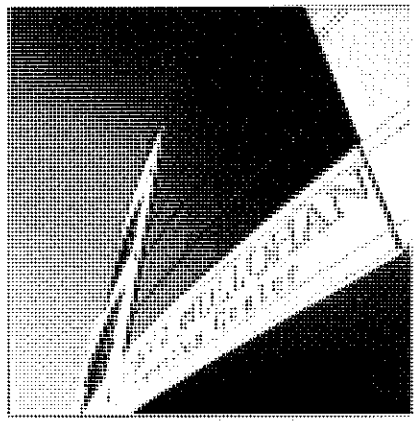
With warm regards, I am

Sincerely yours,

Robert C. Byrd

Robert C. Byrd

RCB:smb



"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

omni associates
ARCHITECTS

References

We have included a list of references in the following Division II titled Omni Associates - Architects. We encourage you to contact them at your convenience. We are also pleased to include the following as additional contacts with whom we have worked closely on previous West Virginia Army National Guard projects.

BG Melvin L. Burch, EN, WVARNG
West Virginia Army National Guard
Construction & Facilities Management Office
1703 Coonskin Drive
Charleston, WV 25311
304.561.6365

LTC Garrett B. Cottrell, PE
West Virginia Army National Guard
Construction & Facilities Management Office
1703 Coonskin Drive
Charleston, WV 25311
304.561.6452

CPT Rocky Hodges, Chief, Design & Construction
West Virginia Army National Guard
Construction & Facilities Management Office
1703 Coonskin Drive
Charleston, WV 25311
304.561.6452

Dan Clevenger, EIT, Project Manager
West Virginia Army National Guard
Construction & Facilities Management Office
1703 Coonskin Drive
Charleston, WV 25311
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ARCHITECTS

Firm Overview

Omni Associates - Architects

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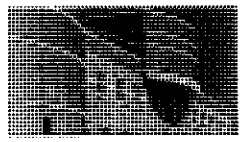
Firm Profile



Omni Associates - Architects

Firm Profile

General

OMNI ASSOCIATES - ARCHITECTS is a distinguished architectural firm located in Fairmont, West Virginia. Our firm's client relationship is built upon mutual respect and effective communication, which enables our staff to provide outstanding architectural/engineering design services for our clients.

Since its inception in 1980, OMNI has earned recognition as a specialist in the programming, planning, and design of various facilities, including **office buildings, recreational facilities, education facilities, religious facilities, health care, and multipurpose facilities.** Our firm has over 25 years of experience in the design of various facilities as OMNI, and our principals bring additional experience from other firms.

Omni's professional staff is comprised of dedicated, experienced, and creative individuals. Our skilled team includes **6 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 Associates - Architects, Inc.
1543 Fairmont Avenue
Suite 201
Fairmont, WV 26554
304.367.1417 (voice)
304.367.1418 (fax)
info@omniassociates.com
www.**omniassociates**.com

OWNERSHIP
Professional Corporation

HISTORY
Established in 1980

SENIOR PERSONNEL
Stephen A. Barnum, AIA NCARB
Senior Principal

Richard T. Forren, AIA NCARB
Principal

John R. Sausen, AIA NCARB
Principal

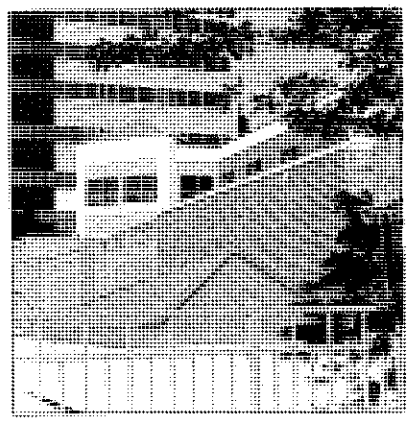
David A. Stephenson
Principal

Organization

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

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

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



Firm Profile

Overview of Services

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

Design-Bid-Build Construction 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.

Design-Build Construction Method

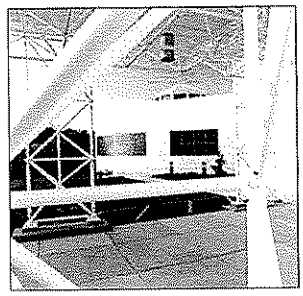
Omni has worked on "fast-track" and "multiple-prime" contract projects to achieve an accelerated building construction time schedule. We prepare construction drawings in stages and bid these "parts" of the total building program so construction can be ongoing as the next phase is programmed and designed. We have worked with General Contractors, Construction Managers and multiple prime subcontractors to successfully complete this type of project delivery.

Facility Management Services

Omni has completed several feasibility studies on many building types to allow you to see the extent of multiple options for your project in terms of design alternatives, cost impact, life cycle expenses and market studies. Omni helps you prepare program information to assist you in determining the priorities for your project. We can research your project for code compliance implications or assess your building for the Americans with Disabilities Act.

Construction Administration

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



Omni Associates - Architects, Inc.

Conceptual Design & Planning

Master Planning

Design Development

Construction Document Development

Design-Bid-Build Construction Method

Design-Build Construction Method

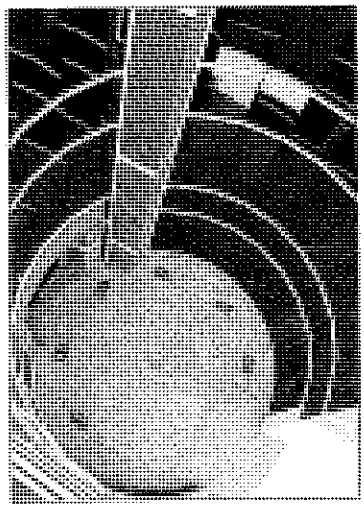
Facility Management Services

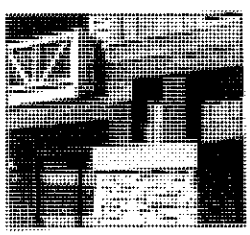
Bidding & Negotiating

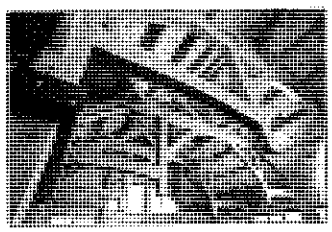
Construction Administration

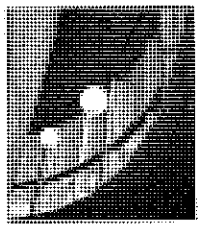
Feasibility Studies

Legal Consultation









Firm Profile

Technology

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

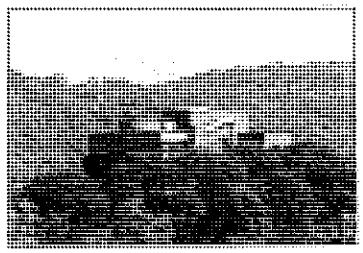
Building Information Modeling (BIM) involves creating a building in the virtual world before constructing it in the "real" world and allows the design team to anticipate conflicts and objections before they arise. We have found that this eliminates many issues which could result in project change orders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

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

Commitment to Excellence

OMNI is committed to providing high quality work in all that we do. Our excellent reputation and superior work product are a direct result of mutual respect and effective communication with our clients and consultants, enabling our staff to provide outstanding architectural and engineering design services for our clients.

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 Associates - Architects, Inc.

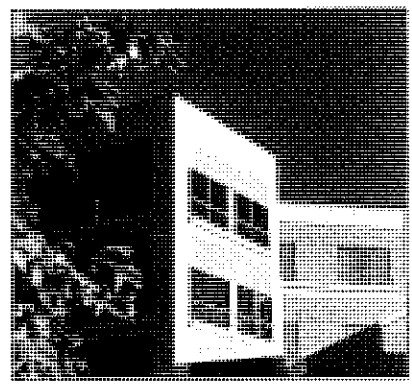
Omni Associates has successful project experience throughout the East Coast of the United States, including...

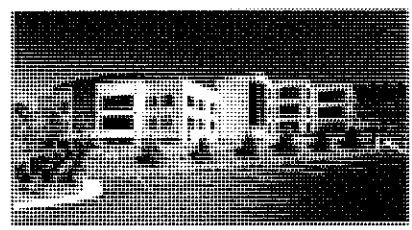
New York
Ohio
Pennsylvania
West Virginia
Kentucky
Maryland
North Carolina
South Carolina

Member of The American Institute of Architects

Member of The West Virginia High Technology Consortium

Member of the Marion County Chamber of Commerce





Firm Profile

The Design Team

Omni Associates - Architects firmly believes that the best gauge in determining our performance and abilities is the quality of the personnel of which we are comprised. It is without question that our professional staff consists of dedicated, experienced, and creative personnel to meet and exceed your architectural needs.

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. The benefit to you is that 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.

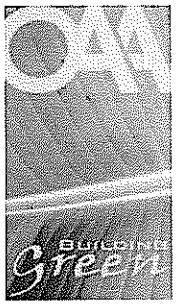
In short, we carefully staff the design team, including in-house professionals and outside consultants, with the type of personnel we would want working for us to work for you!

The following "Architectural Team Résumé", preceded by our firm's principals' résumés, briefly depicts qualities, areas of expertise, project experience, and personal characteristics that make up our design team.

Vision Statement

Omni Associates' vision and goal is to offer our clients and their communities an environment which is a reflection of the client's goals, meet the highest standards of the construction industry and to be sensitive towards the unique nature of the site...

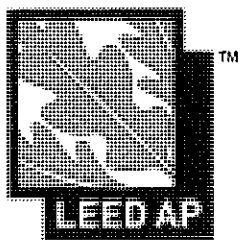
LEED™ (Leadership in Energy and Environmental Design)



Omni Associates is committed to incorporating "green" building practices and sustainable resources into our designs. We believe that environmentally responsible design, construction, and facility operation is an invaluable benefit not only to our natural environment, but to the client and building owner as well. This belief is leading our architects and staff members to take their commitment one step further by pursuing LEED Accreditation.

"An organization's participation in the voluntary and technically rigorous LEED process demonstrates leadership, innovation and environmental stewardship."

~ U.S. Green Building Council

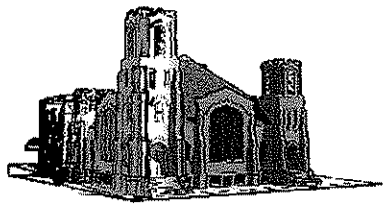


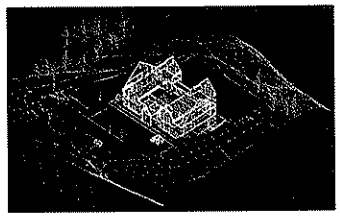
The Omni organization currently includes the following LEED™ Accredited Professionals:

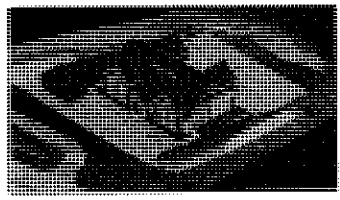
John R. Sausen AIA, NCARB
Principal and Project Architect

Jaime L. Ryan
Intern Architect

Architectural Illustrations & 3D Modeling

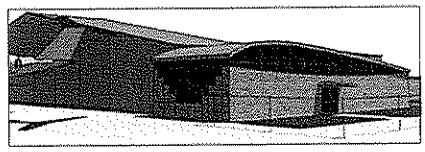


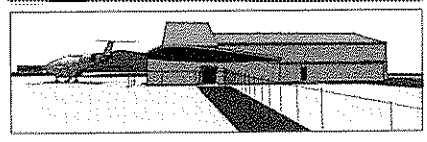




Computer-Generated Architectural Renderings

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

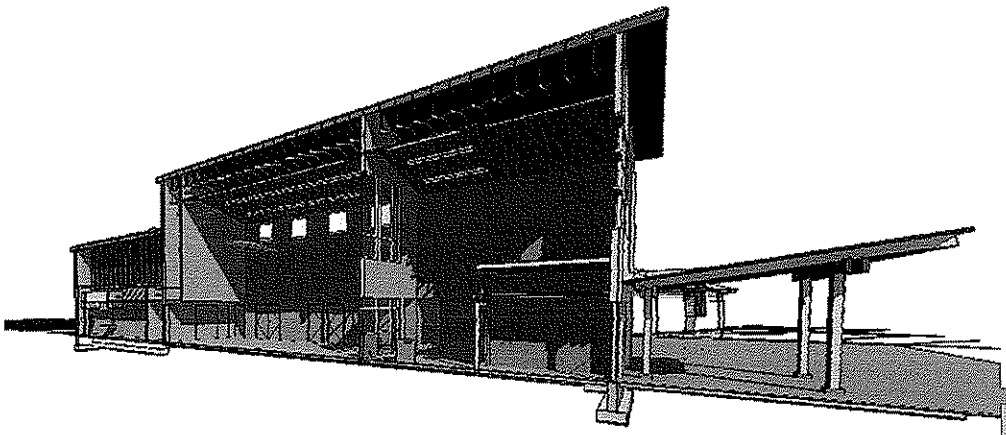


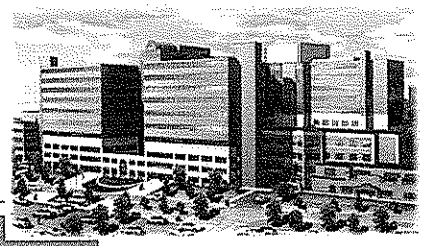


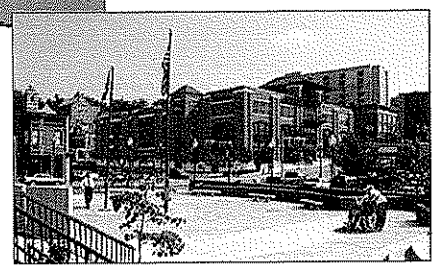
Before & After Photo Renderings

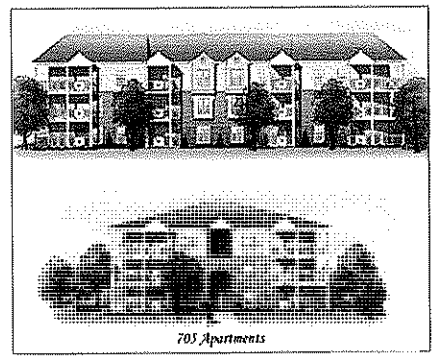
One of the very first questions our clients ask is, "What is it going to look like?" Omni can take a high resolution digital photograph of an existing condition and show what a new structure or modification would look like. This process eliminates the need for traditional models that are often expensive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

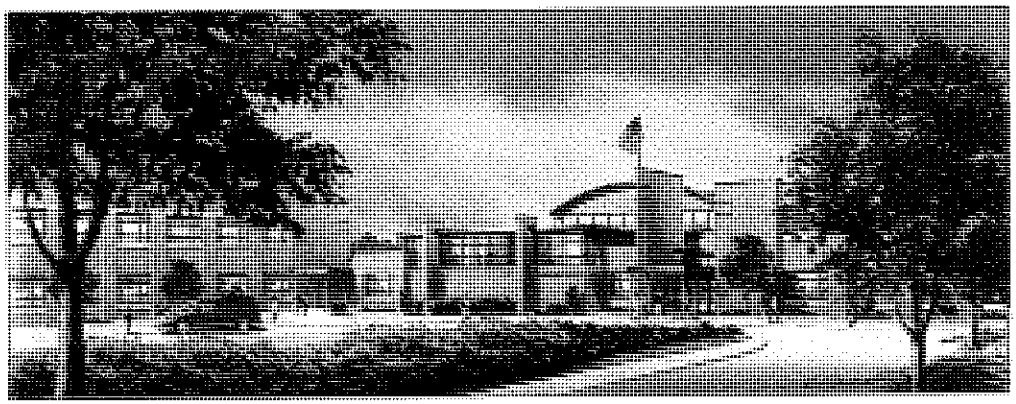
Architectural Illustrations & 3D Modeling

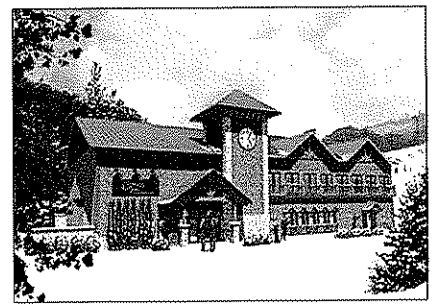












Virtual Models

With the aid of state-of-the-art software, Omni is able to create "virtual reality" models that enable our clientele to "virtually" walk through or fly by a site or building.

Omni's creative staff can generate these innovative methods quickly and efficiently, ultimately resulting in a cost savings to our clients.

info@omniassociates.com 304.367.1417 www.omniassociates.com

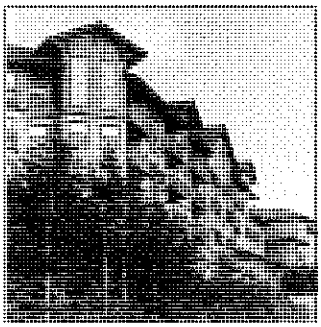
Omni Associates - Architects, Inc.

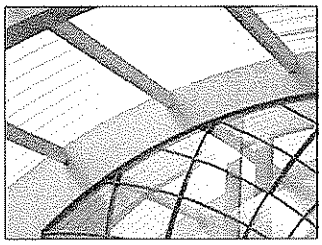
Professional Staff

Omni Associates - Architects

Resume

Stephen A. Barnum AIA, NCARB





PROJECT ASSIGNMENT
Supervising Principal
Coordinating Architect

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

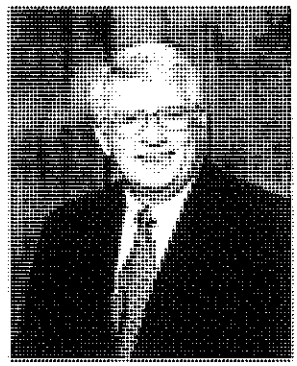
REGISTRATION
NCARB Certified #21583
States of West Virginia (#1663), New York, Pennsylvania, North Carolina, Ohio, South Carolina, & Virginia
Member of The American Institute of Architects
Member of West Virginia Board of Architects

GENERAL EXPERIENCE

- Senior Principal in charge of Design and Construction for Omni Associates - Architects since 1980, Mr. Barnum is highly regarded as one of West Virginia's leading architects. His design expertise and construction experience serve as examples of the proficiency and professionalism that he embodies.
- Mr. Barnum served as Project Architect with Robert J. Bennett & Associates in Morgantown, West Virginia from 1975 to 1980. He was responsible for projects up to $15,000,000.00.
- Mr. Barnum has complete five advanced design programs at Harvard University including Hotel Design, Golf Course Clubhouse Design, Mixed Use Design, and Design Build Construction Alternatives.
- Mr. Barnum has served as the project architect for several new Golf Course Clubhouses at courses designed by Pete Dye, Gary Player and Arnold Palmer.

RELATED EXPERIENCE

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



Select Project Experience for Mr. Barnum

Suncrest Towne Centre

Suncrest Village Luxury Condominiums
Morgantown, WV

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

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

Pete Dye Golf Club Clubhouse
Bridgeport, WV

Stonewall Resort Arnold Palmer Clubhouse
Stonewall Resort, WV

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

911 Facility
- Monongalia County, WV
- Lincoln County, WV

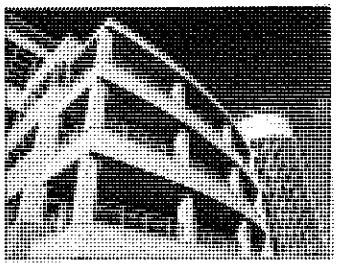
Robert C. Byrd National Technology Transfer Center for NASA
Wheeling, WV

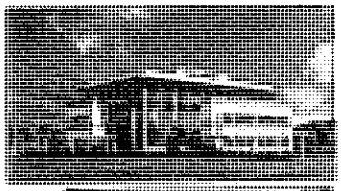
Victory Christian Church
Charlotte, North Carolina

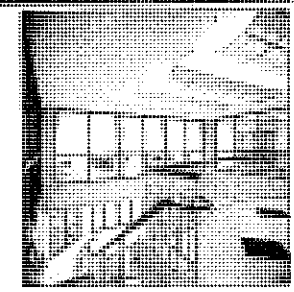
Resume

Richard T. Forren AIA, NCARB

PROJECT ASSIGNMENT
Principal
Project Architect







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

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

GENERAL EXPERIENCE

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

RELATED EXPERIENCE

- Colonel in the United States Army Reserves currently assigned as the Commanding Officer of the 206th Army Liaison Team, 412the Engineer Command in Fort Jackson, South Carolina.
- Member of the Faculty Advisory Committee for Civil Engineering Technology and Architectural Engineering Technology, Fairmont State College, Fairmont, West Virginia
- Member of the Bridgeport City Planning Commission
- Previously a part time Instructor of Architecture at Fairmont State College, Fairmont, WV responsible for the instruction of senior level students in architectural construction and detailing.

Select Project Experience for Mr. Forren

Allegheny Energy Transmission Operations Headquarters, Fairmont, WV

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

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

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

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

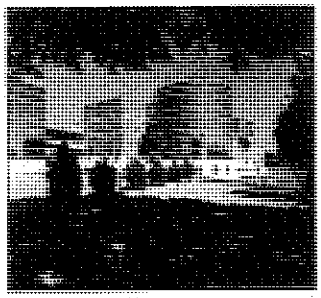
City of Fairmont, Fairmont, WV
Public Safety Building
Downtown Parking Garage

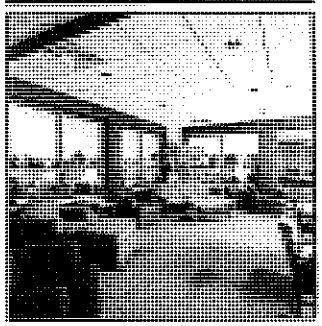
West Virginia Army National Guard, Eleanor, WV
Maintenance Facility
Armed Forces Readiness Center
Access Road & Guard House

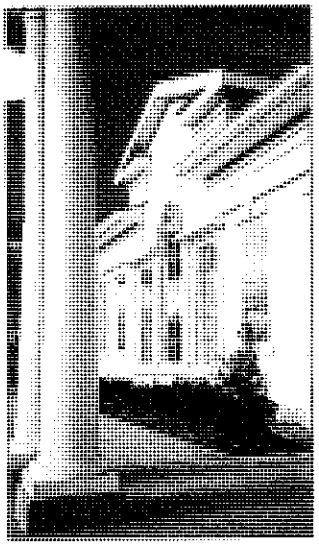
Snowshoe Mountain Resort, Snowshoe, WV
St. Barnard Catholic Chapel
Shaver Center Renovation Design

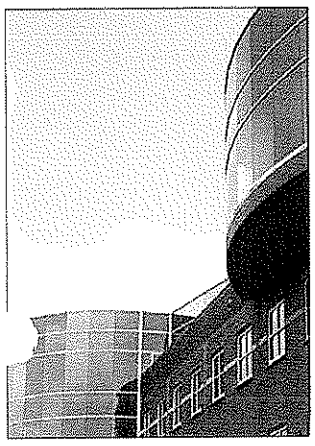
General Services Administration
Federal Building Renovations
Wheeling, WV
Martinsburg, WV
Huntington, WV
Beckley, WV

Resume









John R. Sausen
AIA, NCARB, LEED AP

PROJECT ASSIGNMENT
Principal
Project Architect

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

REGISTRATION / PROFESSIONAL AFFILIATIONS
State of West Virginia, 1985, Pennsylvania, Ohio, Maryland
National Council Architectural Registration Board
Member of The American Institute of Architects
Past President: AIA/WV
Firm Member Associated Builders and Contractors Inc.
LEED for New Construction Accredited Professional

GENERAL EXPERIENCE

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

RELATED EXPERIENCE

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

Select Project Experience for Mr. Sausen

West Virginia University Child Care Center

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

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

HealthWorks Physical Therapy Facility
Morgantown, WV

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

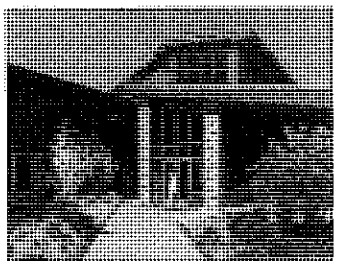
WV Radio Corporation
- WDYK Radio, Cumberland, Md.

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

Glenville Federal Correctional Institute
Construction Administration
Glenville, WV.

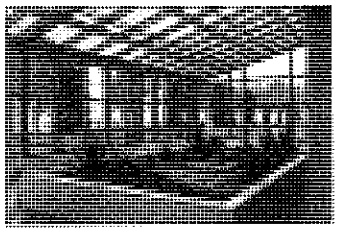
Resume

Edward "Ned" Luthy AIA, NCARB

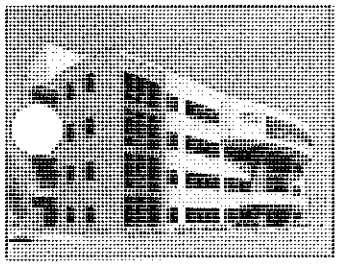


PROJECT ASSIGNMENT
Senior Associate
Project Architect

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



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



GENERAL EXPERIENCE

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

RELATED EXPERIENCE

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

Select Project Experience for Mr. Luthy

Omni Associates-Architects

- Shaft Drillers International Headquarters
- Allegheny Energy Transmission Operations Headquarters
- Canaan Valley Institute

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

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

With Sargent Architects, *Hermiston, Oregon*:

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

Resume

Jaime Ryan-Mathess, LEED AP

PROJECT ASSIGNMENT
Project Manager

EDUCATION
Masters of Architecture
Virginia Polytechnic Institute, Blacksburg, Virginia
In Progress

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

REGISTRATION
- LEED for New Construction Accredited Professional
- AIA WV Associate Member

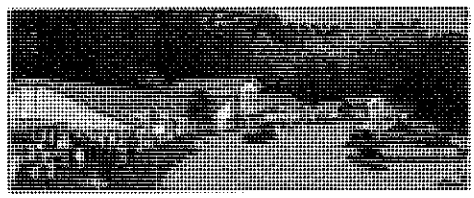
GENERAL EXPERIENCE
- Intern architect with six years of practice in the architectural field.
- As Project Manager for Canaan Valley Institute (CVI), Jaime has gained a wealth of experience in all aspects of project development from programming through construction administration.
- Through her extensive "green" product research, Jaime has been integral in working towards LEED Certification for both CVI and Allegheny Energy.
- Previous work has provided Jaime with a broad base of knowledge in a variety of project types including commercial, small and large scale residential, and health care facilities.
- Cumulative work experience includes schematic design, construction documents, product specifications, site assessments, master planning, architectural renderings, marketing graphics, and administrative tasks.

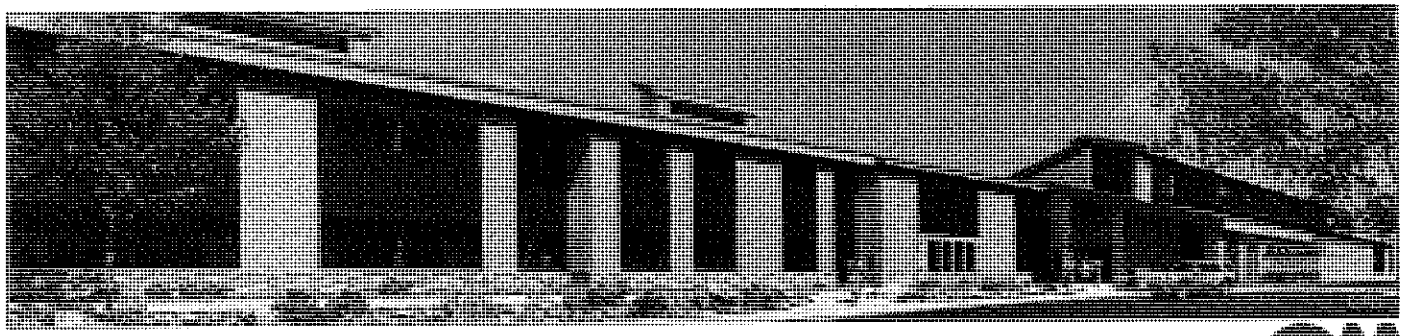
RELATED EXPERIENCE
- Worked with the Board of Architectural Review in Charlottesville, Virginia to ensure that Albemarle Cottages at Westminster~Canterbury of the Blue Ridge met with the criteria and standards of the Architectural Design Control district, which includes Thomas Jefferson's Monticello.
- Spent a semester abroad with the Center for European Studies & Architecture at Virginia Tech where she studied the famous modern and historical architecture of Italy, France, Germany, Switzerland and Austria.
- Former member of the International Archive of Women in Architecture at Virginia Tech.

Select Project Experience for Ms. Ryan-Mathess

Omni Associates-Architects
- Allegheny Energy Transmission Operations Headquarters
- Canaan Valley Institute
- Sundale Nursing Home Addition
- WVU Child Development Center
- Marriott Fairfield Inn

With SFCS, Inc., *Roanoke, Virginia*:
- Westminster~Canterbury of the Blue Ridge Albemarle Cottages
- Abernathy Laurels Community Center, Cottages, and Renovation of Assisted Living Center





References

Omni Associates - Architects

unsolicited comments...

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

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

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

Dr. James B. Phares
Superintendent: Marion County Schools

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

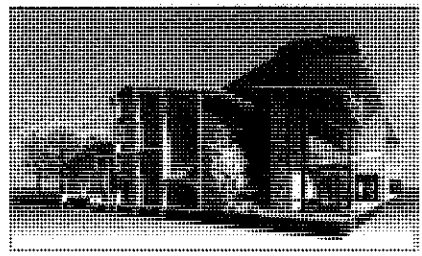
Robert J. Dillman
President
Fairmont State College

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

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

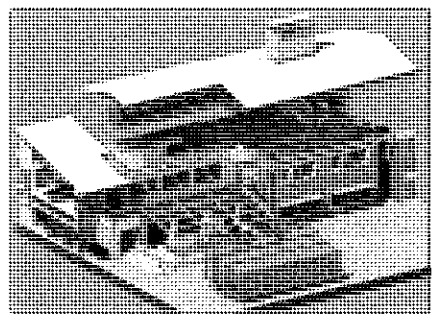
"In appreciation of all of your hard work, dedication, and technical support to the Eleanor Maintenance Complex, West Virginia Army National Guard. Your expertise has helped create one of the finest Maintenance Shops in the United States."

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



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

Kiena Smith
Executive Director
Canaan Valley Institute

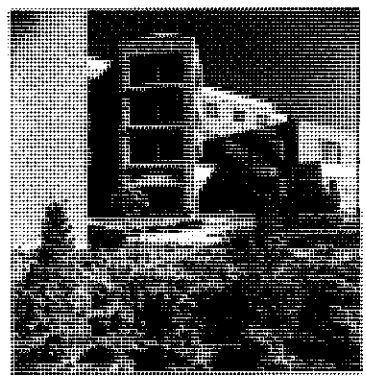


References

Client	Contact
Allegheny Power 800 Cabin Hill Drive Greensburg, PA 15601-1689	**Ms. Linda Moss** General Manager, Substations 301.790.6413
Braxton County Development Authority P.O. Box 1925 Charleston, WV 25314	**Ms. Terrell Ellis** Executive Director 304.342.6972
West Virginia HighTechnology Consortium Foundation 1000 Technology Drive, Suite 1000 Fairmont, WV 26554	**Mr. Brad Calandrelli** Facility and Property Program Manager 304.366.2577 ext. 233
Morgantown Utility Board 278 Greenbag Road Morgantown, WV 26501	**Mr. James Green** General Manager 304.292.8443
City of Fairmont 200 Jackson Street Fairmont, WV 26554	**Mr. Jay Rogers** City Manager 304.366.6211
Mylan Pharmaceuticals 781 Chestnut Ridge Road Morgantown, WV 26505	**Mr. J.J. Dotson** Director of Engineering 304.554.5520
Canaan Valley Institute P.O. Box 673 Davis, WV 26260	**Mr. Dan Wheeler, Construction Manager** Science & Technology Team 304.463.4739
West Virginia Radio P.O. Box 1900 570 Canyon Road Morgantown, WV 26505	**Mr. Jim Troy** V.P. of Finance 304.594.1768
West Virginia Army National Guard 1707 Coonskin Drive Charleston, WV 25311-1099	**BG Melvin Burch** Div. of Engineering & Facilities, Armory Board 304.561.6450
Fairmont State University Locust Avenue Fairmont, WV 26554	**Mr. James Decker** Assistant Vice President, Physical Plant 304.367.4861
Division of Natural Resources **WV Parks & Recreation Section** Capitol Complex, Bldg. 3, Room 714 1900 Kanawha Blvd., East Charleston, WV 25305-0662	**Mr. Brad Leslie** Chief Engineer 304.558.2764 ext. 273

Omni Associates realizes that our relationship with our clients is a vital component in the success of realizing their goals and needs.

We encourage you to contact any of the following references in assisting you with your selection of a professional architectural firm.



Awards / Accolades / Publications

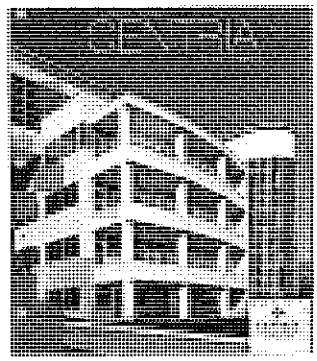
The American Institute Of Architects

OAA

Omni Associates - Architects

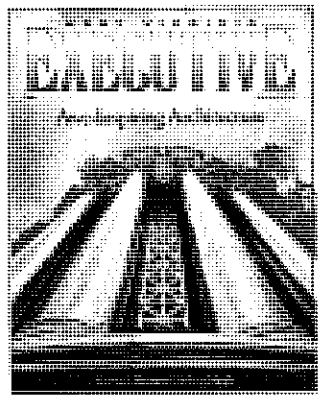
Awards / Accolades / Publications

Omni Associates - Architects has been recognized for outstanding architectural services by several different organizations:



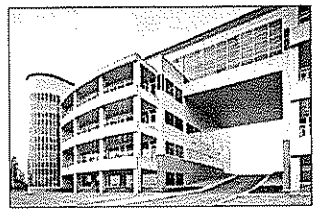
West Virginia High Technology Consortium
5000 NASA Boulevard
CENTRIA 2009/2010 National Product Catalog

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



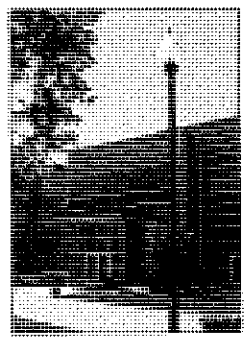
West Virginia High Technology Consortium
5000 NASA Boulevard
West Virginia Executive Magazine
VOULUME III 2008

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



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

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

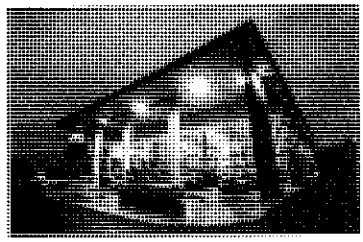


Fairmont State University
Engineering Technology Building Addition
Master Builders' Association of Western Pennsylvania
2008 Building Excellence Award Finalist
Category: Best New Construction Over $10 Million
The Design Alliance / Omni Associates - Architects
Landau Building Company (General Contractor)
Fairmont, West Virginia

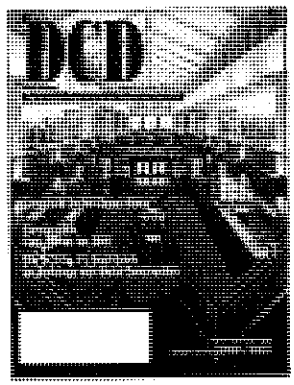
Awards / Accolades / Publications

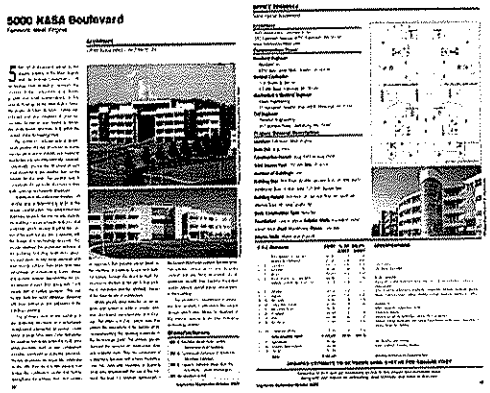
Mid-Atlantic Sports Cars
Morgantown, West Virginia
Annual Varco Pruden Annual Hall of Fame Competition
- **2009 Hall of Fame Award: Automotive Category**
- **2009 Best Of Category**

General Industries, Inc. (General Contractor)

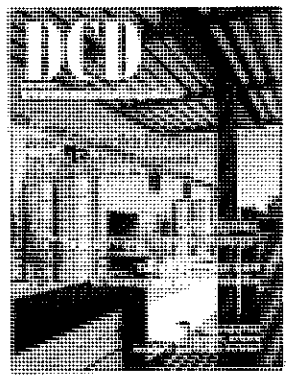


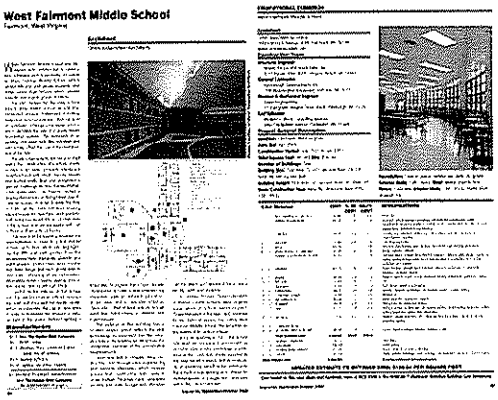
West Virginia High Technology Consortium
5000 NASA Boulevard
Published project: DCD Magazine (Design Cost Data)
September - October 2009





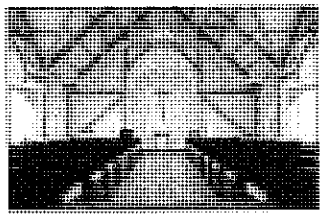
West Fairmont Middle School
Published project: DCD Magazine (Design Cost Data)
September - October 2008





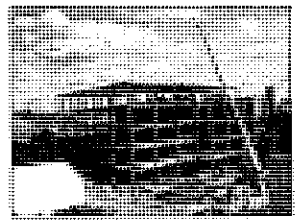
Awards / Accolades / Publications

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

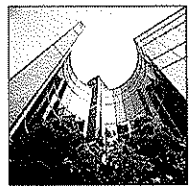


City of Fairmont
Public Safety Building
Main Street West Virginia
2007 Best Exterior Renovation Project
Fairmont, West Virginia

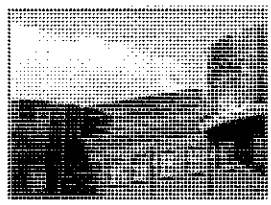
Mylan Pharmaceuticals
North Expansion
Associated Builders and Contractors
2007 Excellence in Construction Award
Category: Mega Projects: More than $100 Million
MARCH-WESTIN CO. (General Contractor)
Morgantown, West Virginia



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



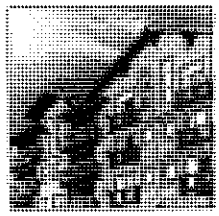
Mylan Pharmaceuticals
East Wing Executive Offices
Associated Builders and Contractors
2001 Excellence in Construction
MARCH-WESTIN CO. (General Contractor)
Morgantown, West Virginia



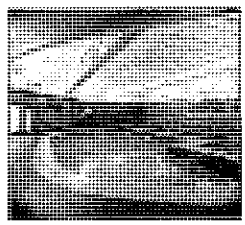
Awards / Accolades / Publications

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

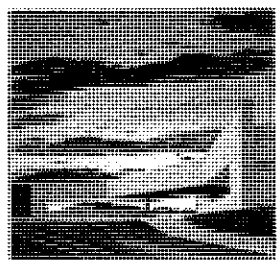
Rimfire Lodge
American Institute of Architects—West Virginia
2000 Honor Award - Excellence in Design
OMNI/RLA
Snowshoe Mountain Resort
Snowshoe, West Virginia



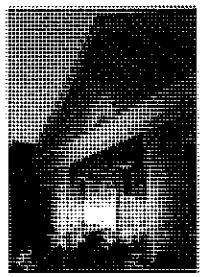
HealthWorks
American Institute of Architects—West Virginia
2000 Merit Award - Achievement in Design
Morgantown, West Virginia



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

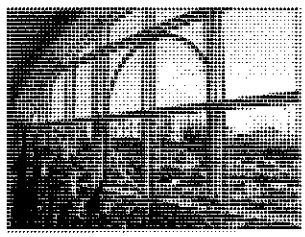


Greer Industries
The Paul S. Linsley Building
Associated Builders and Contractors
1998 Award Of Excellence
Building of the Year
MARCH-WESTIN CO. (General Contractor)
Morgantown, West Virginia

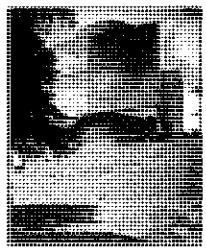


Awards / Accolades / Publications

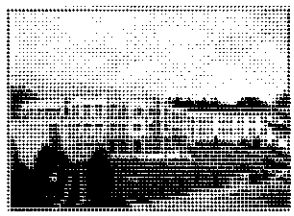
Mylan Pharmaceuticals
Research And Development Facility
Associated Builders and Contractors
1997 Award Of Excellence
Building of the Year
MARCH-WESTIN CO. (General Contractor)
Morgantown, West Virginia



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

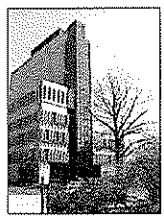


Education and Health Careers Building
American Institute of Architects—West Virginia
1993 Honor Award - Excellence in Design
OMNI/WTW
Fairmont State College
Fairmont, West Virginia

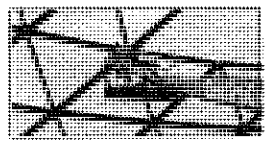


Hawthorne Valley Golf Course Clubhouse
American Institute of Architects—West Virginia
1993 Honor Award - Excellence in Design
Snowshoe Mountain Resort
Snowshoe, West Virginia

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

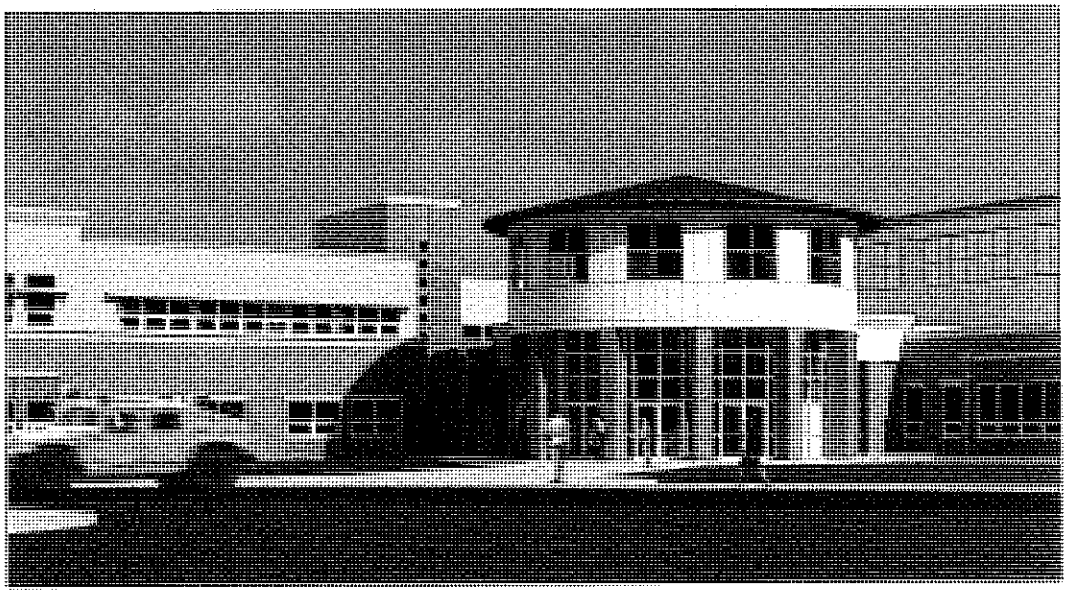


Project Experience



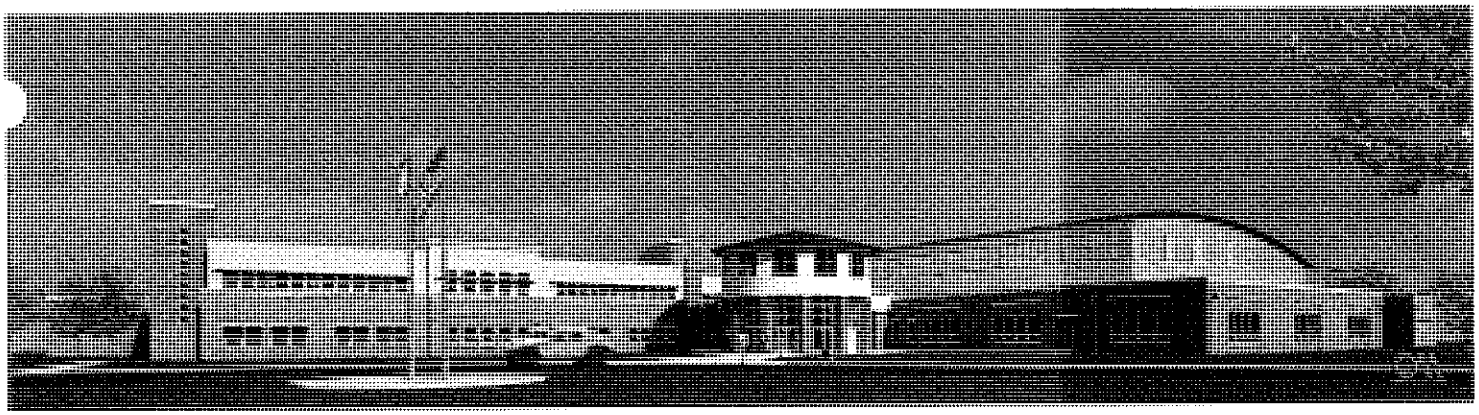
Omni Associates - Architects

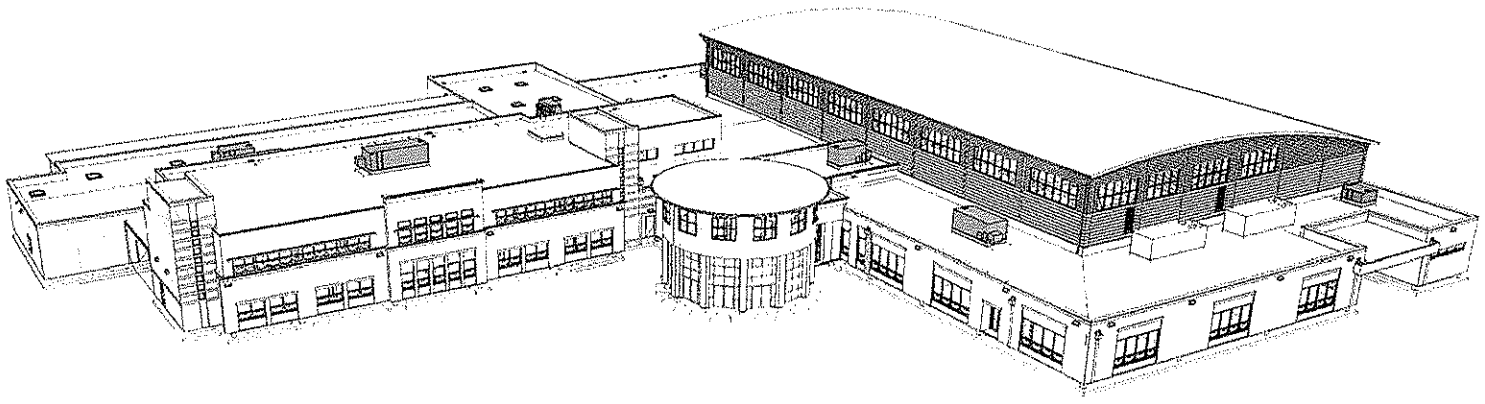
West Virginia Army National Guard (WVARNG)
Fairmont Readiness Center



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

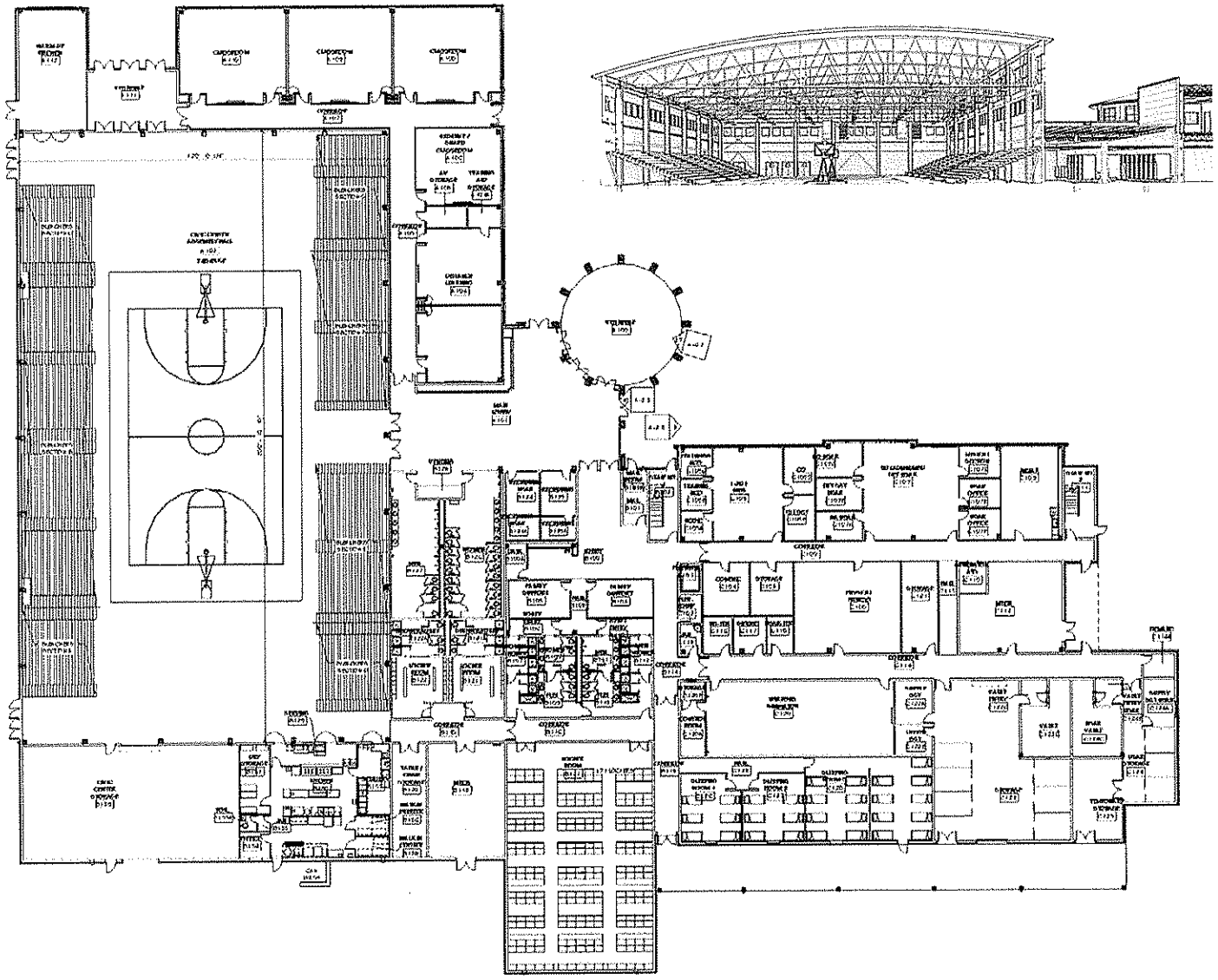
$ 25 Million
91,500 sf





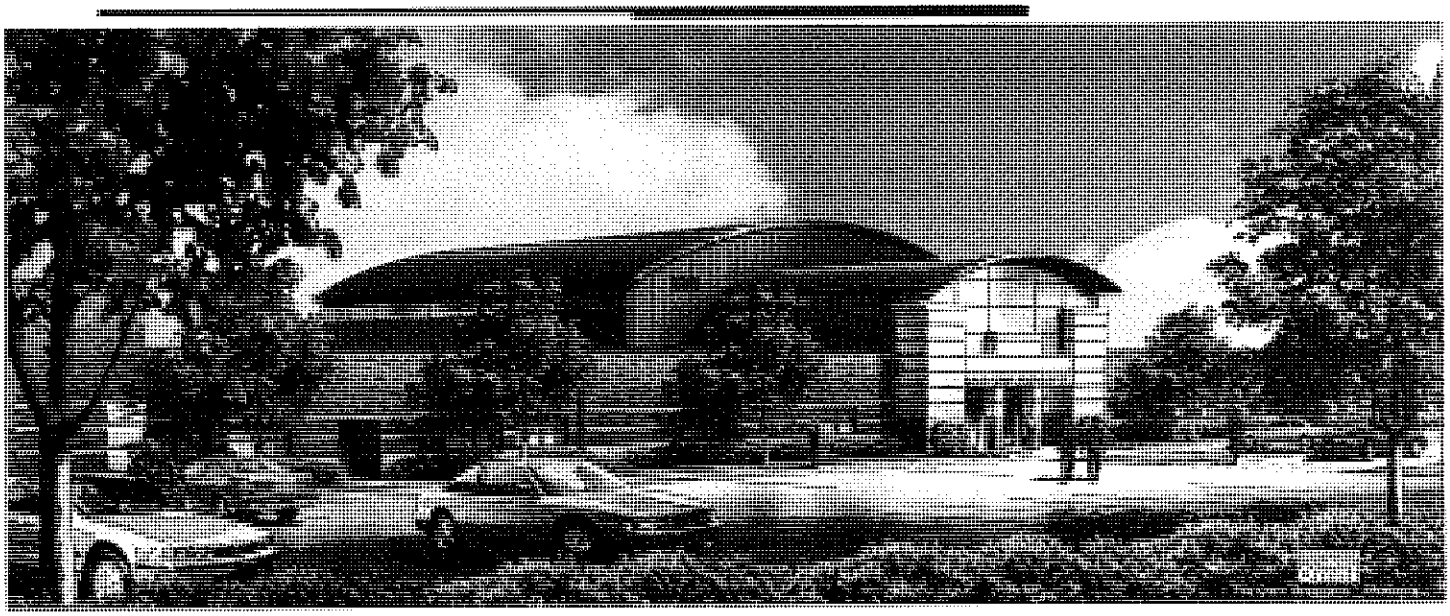
info@omniassociates.com 304.367.1417 www.omniassociates.com **Omni** Associates - Architects, Inc.

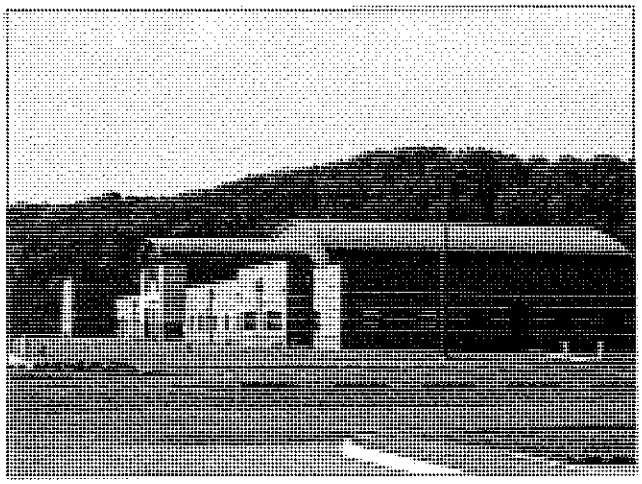
West Virginia Army National Guard (WVARNG)
Fairmont Readiness Center

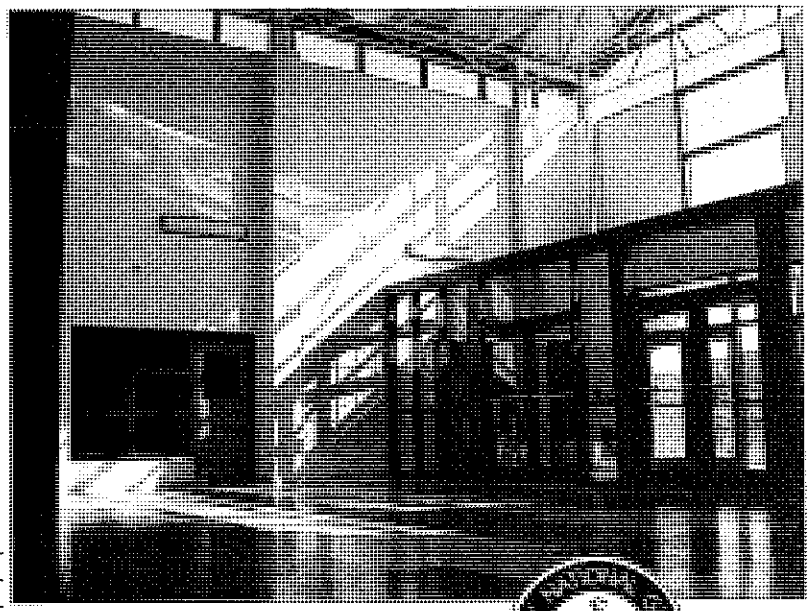


info@omniassociates.com 304.367.1417 www.omniassociates.com **Omni** Associates - Architects, Inc.

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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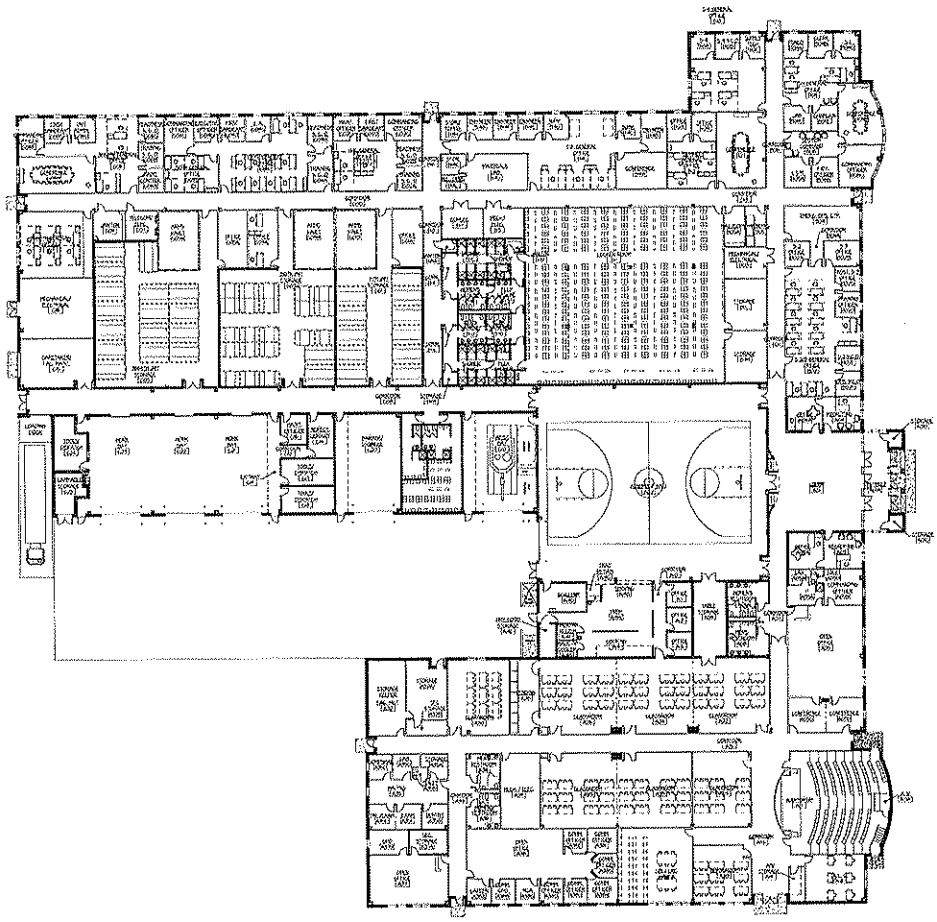
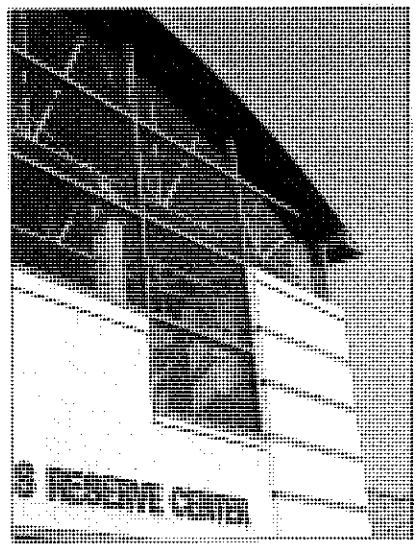
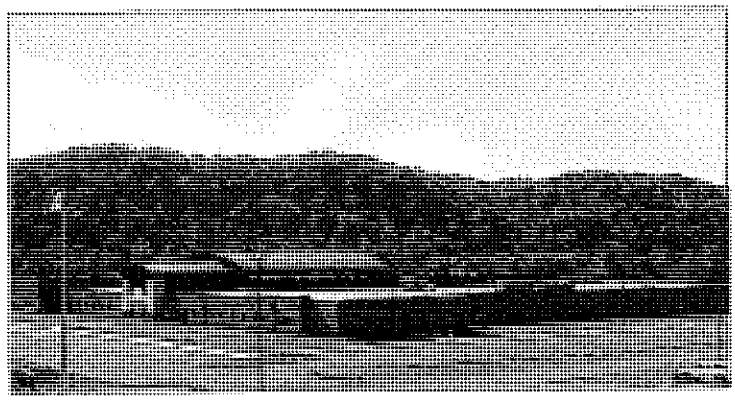
West Virginia Army National Guard (WVARNG)
Eleanor Readiness Center







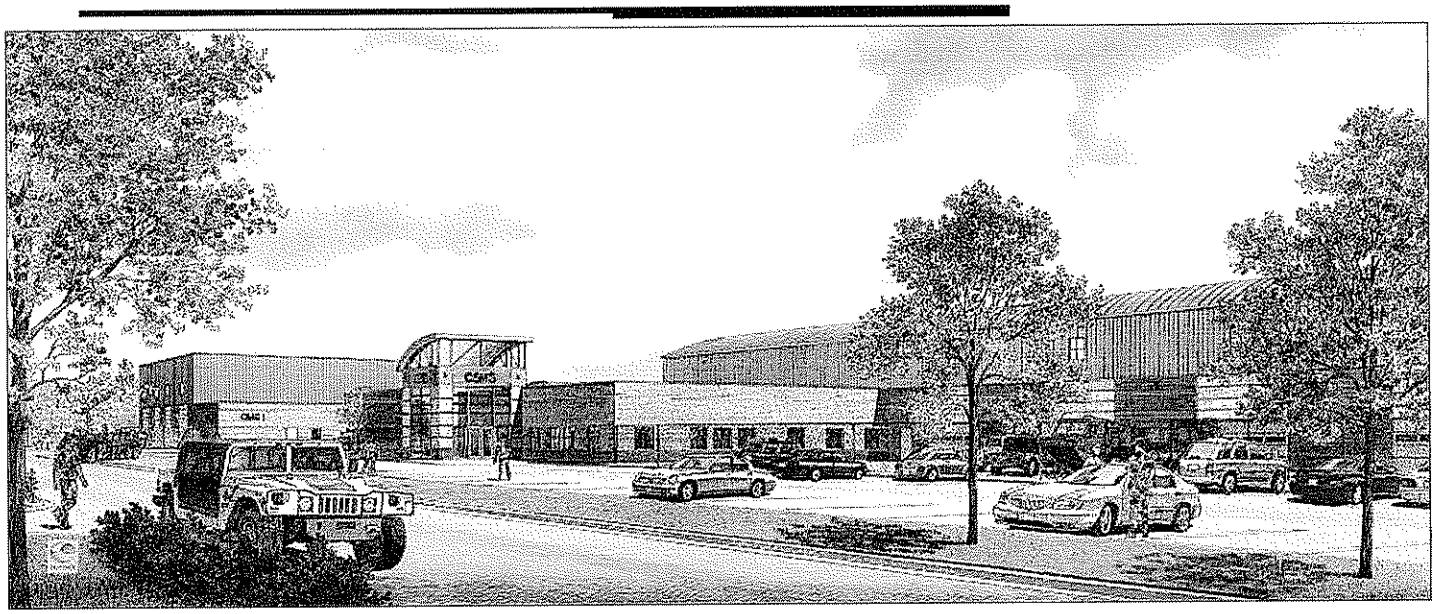
The relationship of the unit office areas to the unit storage areas is critical to the efficient workflow of the individual units. The unit storage areas are located adjacent to the loading dock at the rear of the building in order to provide access to military vehicles.

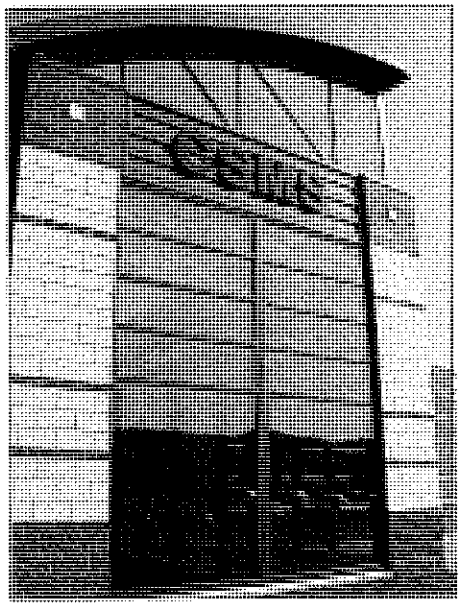
The Maintenance Work Bays and AFIST bay are located at the rear of the building for accessibility of military vehicles, as well as shielding the function of the areas from the entrance and the public. The AFIST bay is located adjacent to the Assembly Hall for the purpose of large group instruction within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

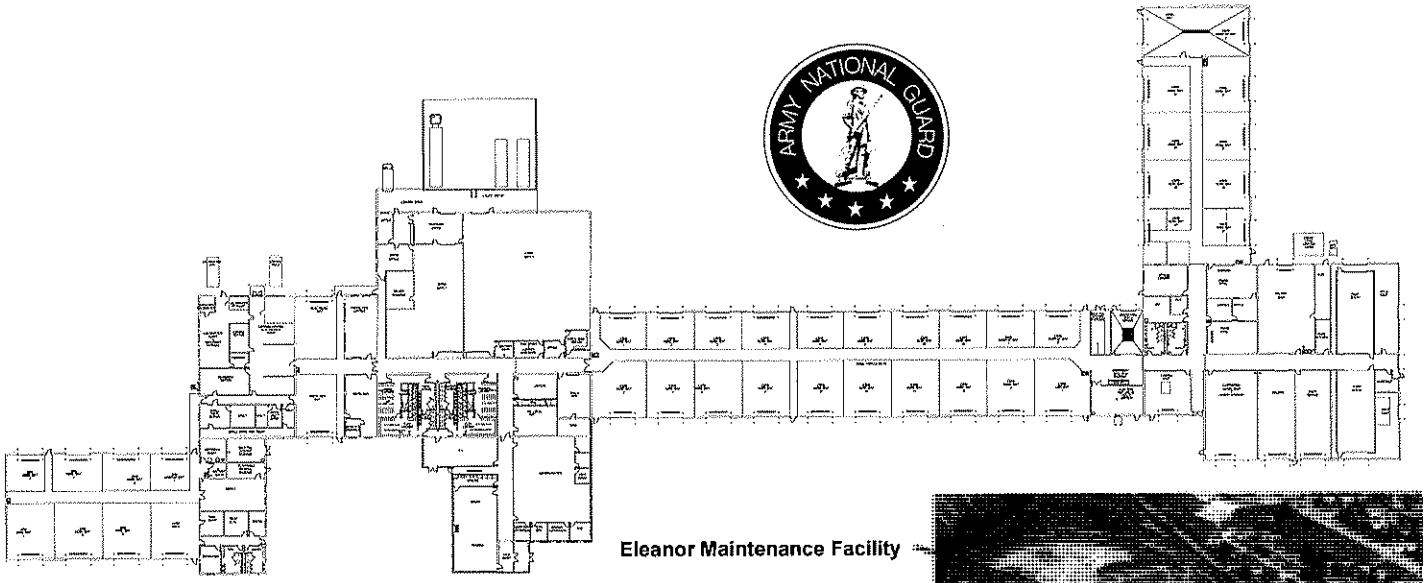
Robert D. Davis, CPT, OD,
WVARNG
CSMS Superintendent

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.

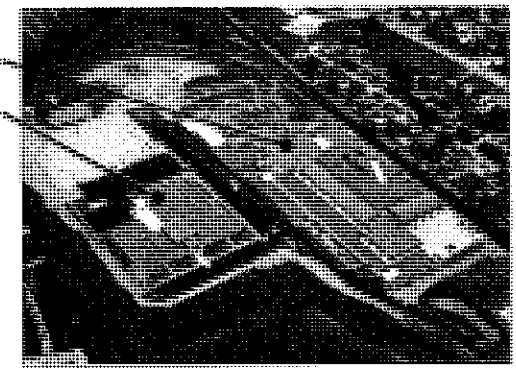
The design of the facility is based upon the functional concept of a straightforward flow in and around the facility. This focuses on a logical and efficient flow of work for the maintenance and repair of vehicles as well as the progression of components parts from delivery to installation. This flow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

West Virginia Army National Guard (WVARNG)
Eleanor Maintenance Facility



Eleanor Maintenance Facility

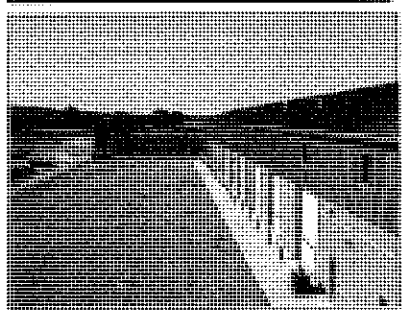
Eleanor Readiness Center

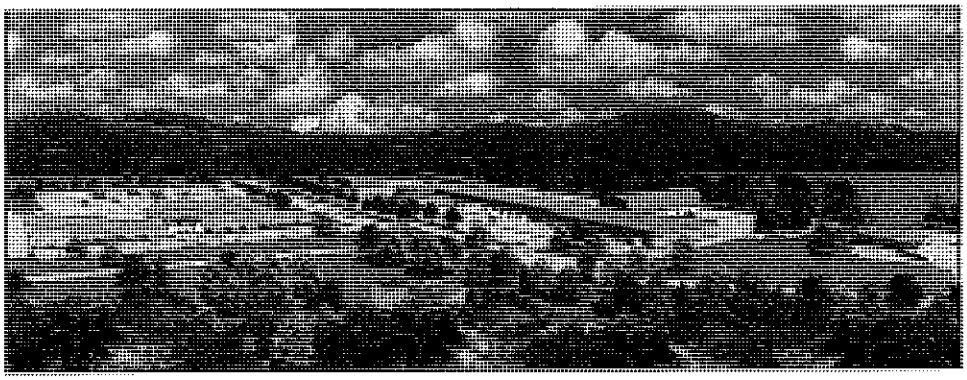


undergo pre and post inspections.

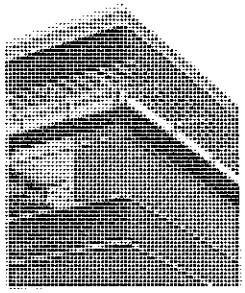
The facility will provide a full range of maintenance support for all WVARNG military vehicles throughout the state. It includes 28 maintenance work bays with overhead bridge cranes, an engine rebuild shop, a body shop with blast and paint booths, a carpentry shop, a machine shop, a canvas shop, a small 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.





Allegheny Energy
Transmission Building and Operations Center



Allegheny Energy selected Omni Associates – Architects via a competitive selection process to provide all Architectural and Engineering services for its new transmission operations headquarters in Fairmont, West Virginia. The environmentally friendly facility is located on a 9-acre parcel of land in the I-79 Technology Park. Services provided by Omni include site selection assistance and development services, architectural design services, civil, structural, mechanical, and electrical engineering services, bid document development, construction contract administration services, and post contract administrative services.

Scheduled for completion in September 2010, the state-of-the-art facility will serve as the center for Allegheny's multi-state transmission functions, including around-the-clock management of the electric grid. The building will house the Transmission Operations Control Center, a Data Center, Class A commercial office space, and all associated electrical, mechanical, and support facilities. The Transmission Operations Control Center and Data Center shall be constructed to meet a site infrastructure performance rating of Tier III. The new construction project will seek LEED™ (Leadership in Energy and Environmental Design) Certification with an anticipated Silver Rating.

Headquartered in Greensburg, Pennsylvania, Allegheny Energy is an investor-owned electric utility with total annual revenues of over $3 billion and more than 4,000 employees. The company owns and operates generating facilities and delivers low-cost, reliable electric service to over 1.5 million customers in Pennsylvania, West Virginia, Maryland and Virginia.

Allegheny Energy

Allegheny Energy Transmission Building & Operations Center
Fairmont, West Virginia

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

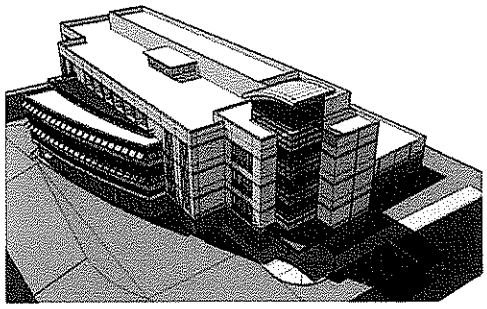
Construction Method: Design-Build

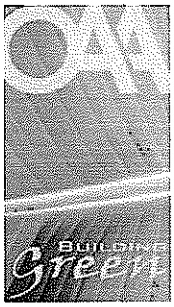
- Transmission Operations Control Center
- Data Center
- Class A commercial office space

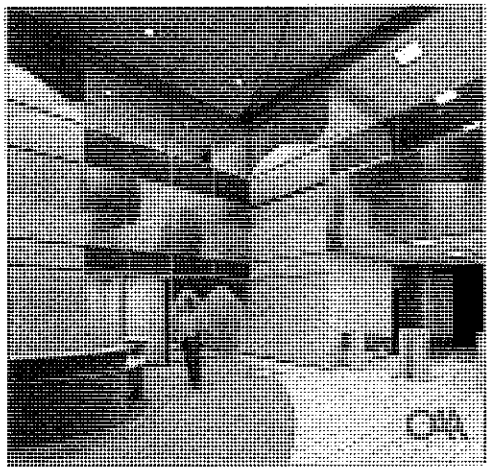
LEED Certification:
Anticipated Silver Rating

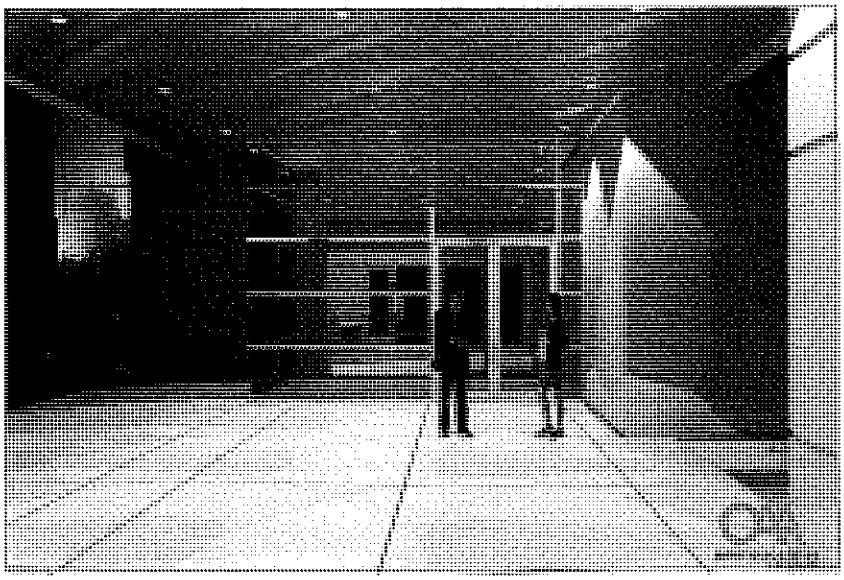
Contact: Jason W. Corbin
Address: 800 Cabin Hill Drive
Greensburg, PA 15601-1689
Phone:724-838-6261
Email: jcorbin@alleghenypower.com

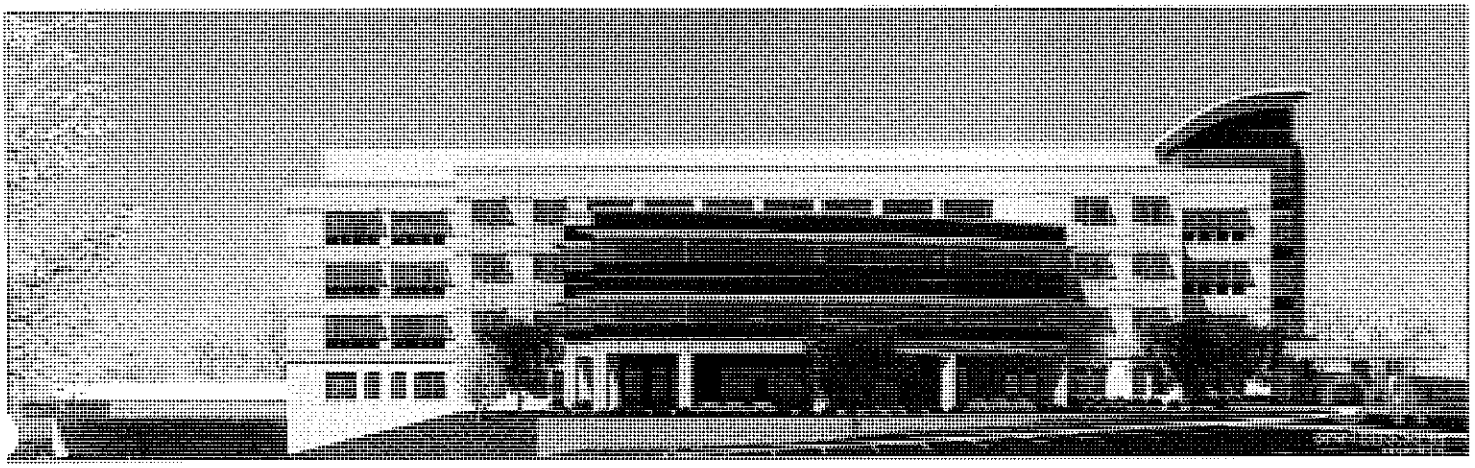
Allegheny Energy
Transmission Building and Operations Center





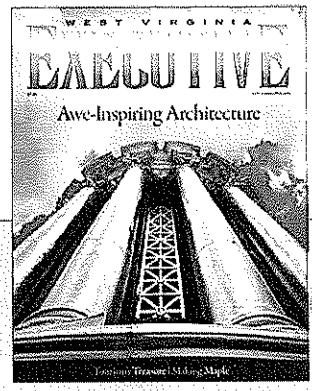




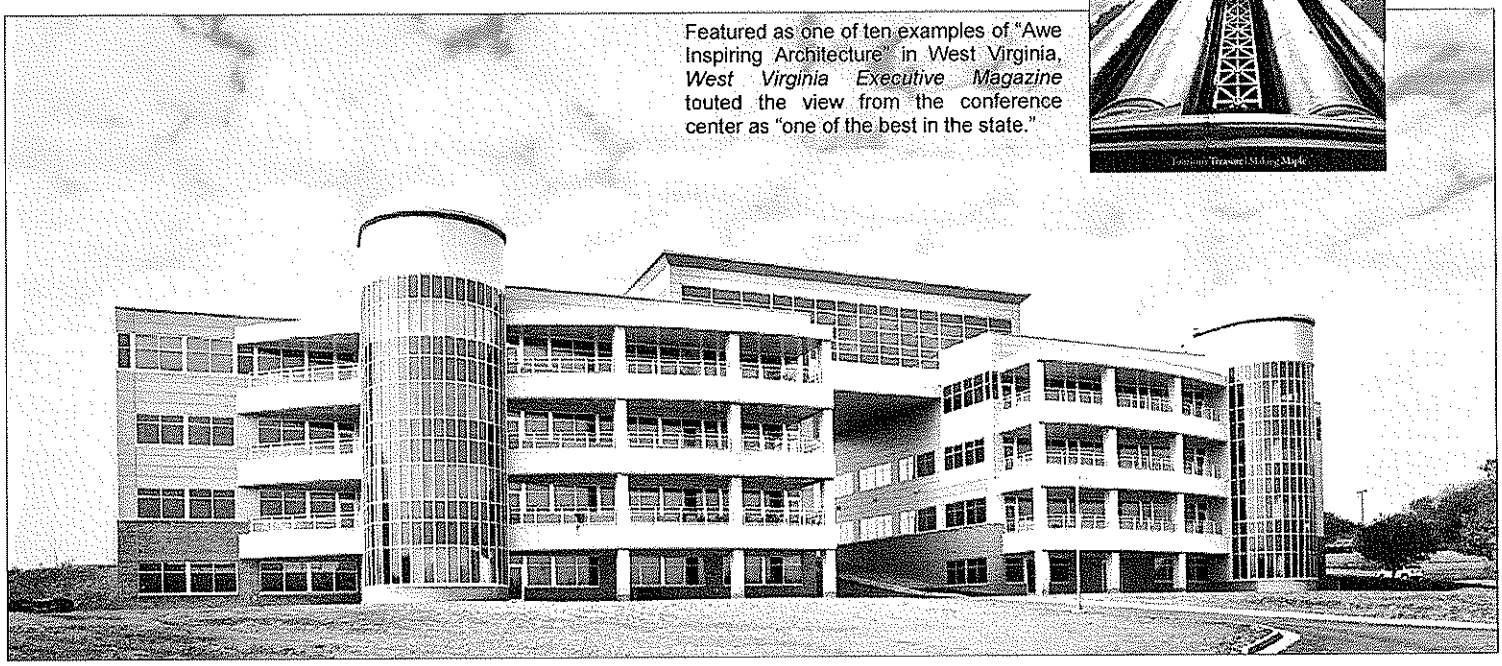


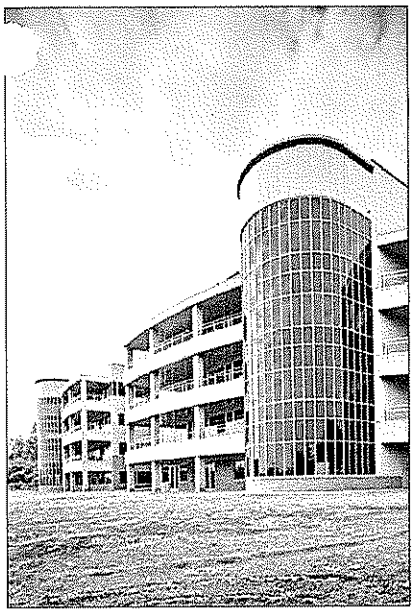
info@omniassociates.com 304.367.1417 www.omniassociates.com **Omni** Associates - Architects, Inc.

The West Virginia High Technology Consortium Foundation 5000 NASA Boulevard



Featured as one of ten examples of "Awe Inspiring Architecture" in West Virginia, *West Virginia Executive Magazine* touted the view from the conference center as "one of the best in the state."



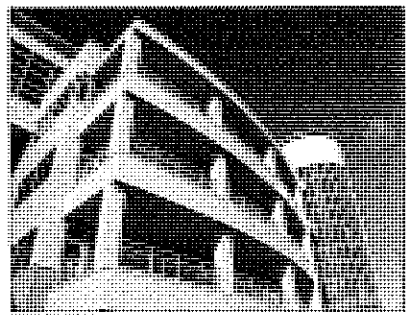


5000 NASA Boulevard stands as the newest addition to the West Virginia High Technology Consortium's I-79 Technology Park located in Fairmont. The mission of the Consortium is to "foster growth and instill sustainability" in this new technology sector. With that in mind, the architect was tasked to design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

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

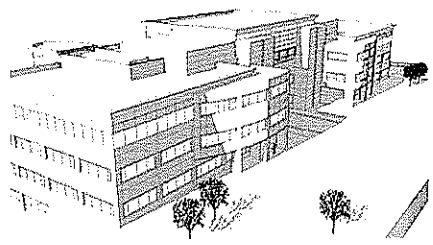
The solution was to consolidate the separate structures so they both could be prominently displayed. Visibility from the extensively traveled I-79 corridor was a determining factor in the design consideration. This established two distinctive facades. The front façade displays the building's visual images, features, and materials, which not only fit within the context of the park but are also in keeping with the image of a technology structure. This façade displays the prominent features of the building including multi-story glass-encased semi-circular tower elements and east facing outdoor balconies that take advantage of outstanding scenic views and provide outdoor opportunities for tenant spaces at every floor along with 2,200 square feet of rooftop gardens. The rear façade features more utilitarian elements with main entrances and adjacency to the building's parking.

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



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

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



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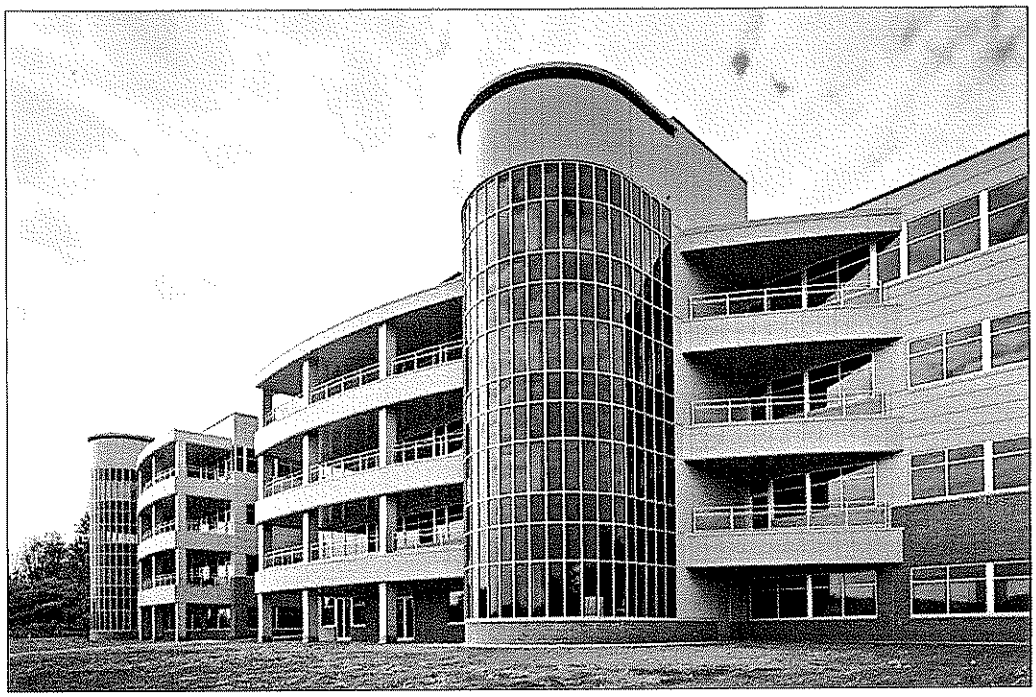
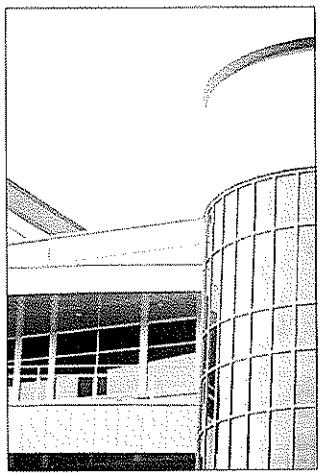
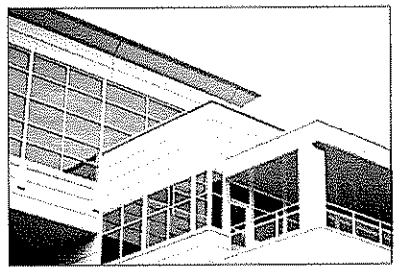
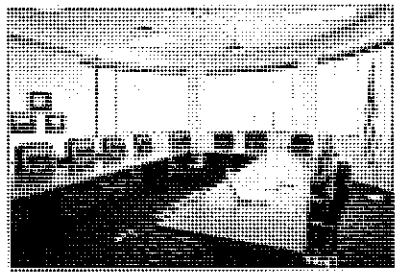
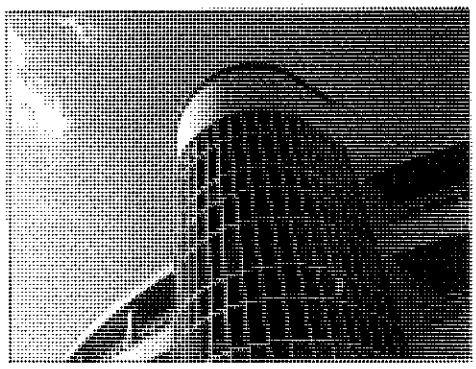
The West Virginia High Technology Consortium Foundation
5000 NASA Boulevard

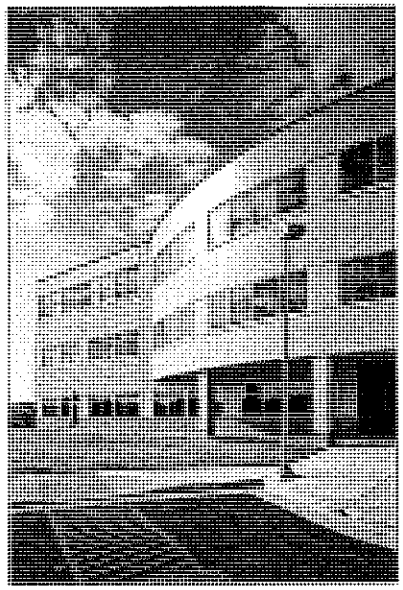










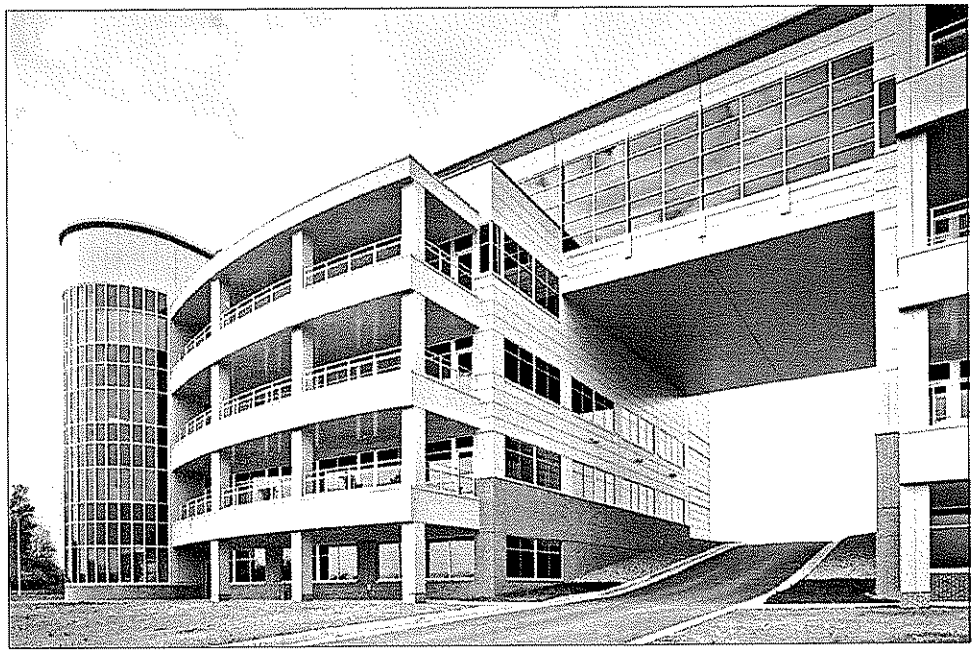


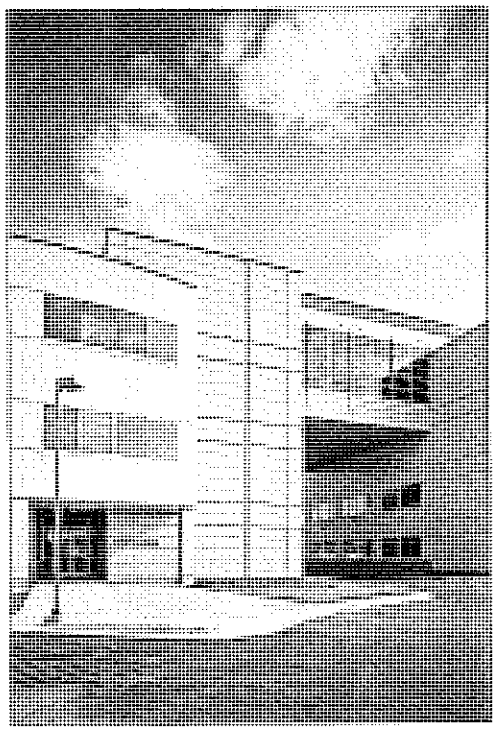
balconies while the multi-story glass-encased semi-circular component provides symmetrical featured elements. The two structures are physically connected on the fifth floor by a 6,000 square foot bridge-like conference center that further strengthens the primary form and creates an approach that provides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

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

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

The West Virginia High Technology Consortium Foundation
5000 NASA Boulevard





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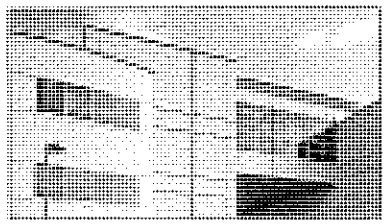
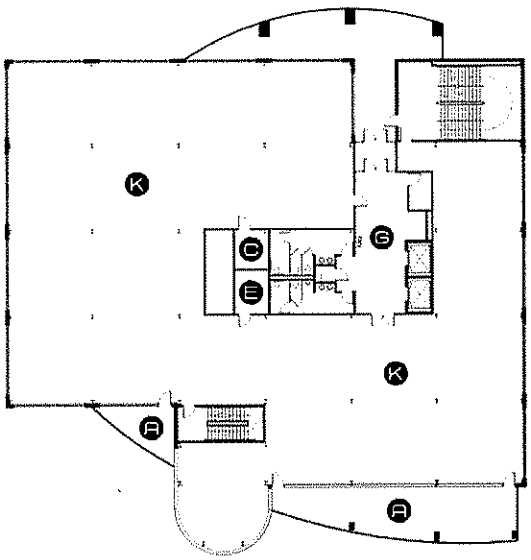
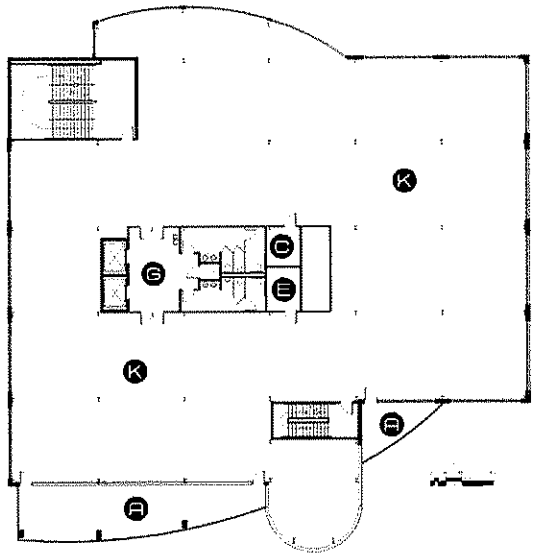


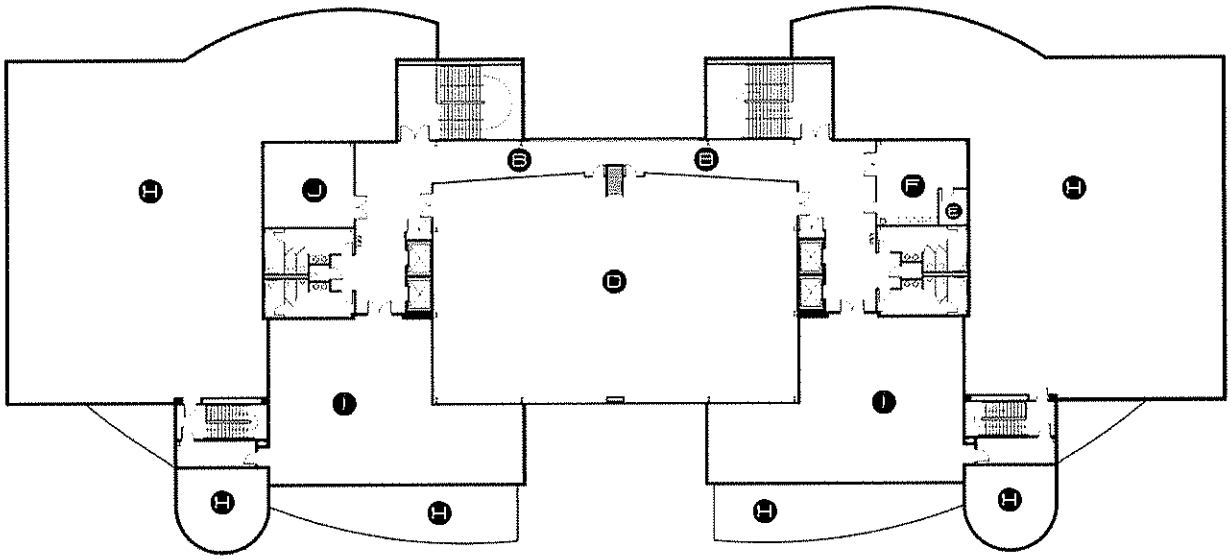


2nd Floor South Tower -Typical



3rd Floor North Tower -Typical

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



5th Floor - Conference Center

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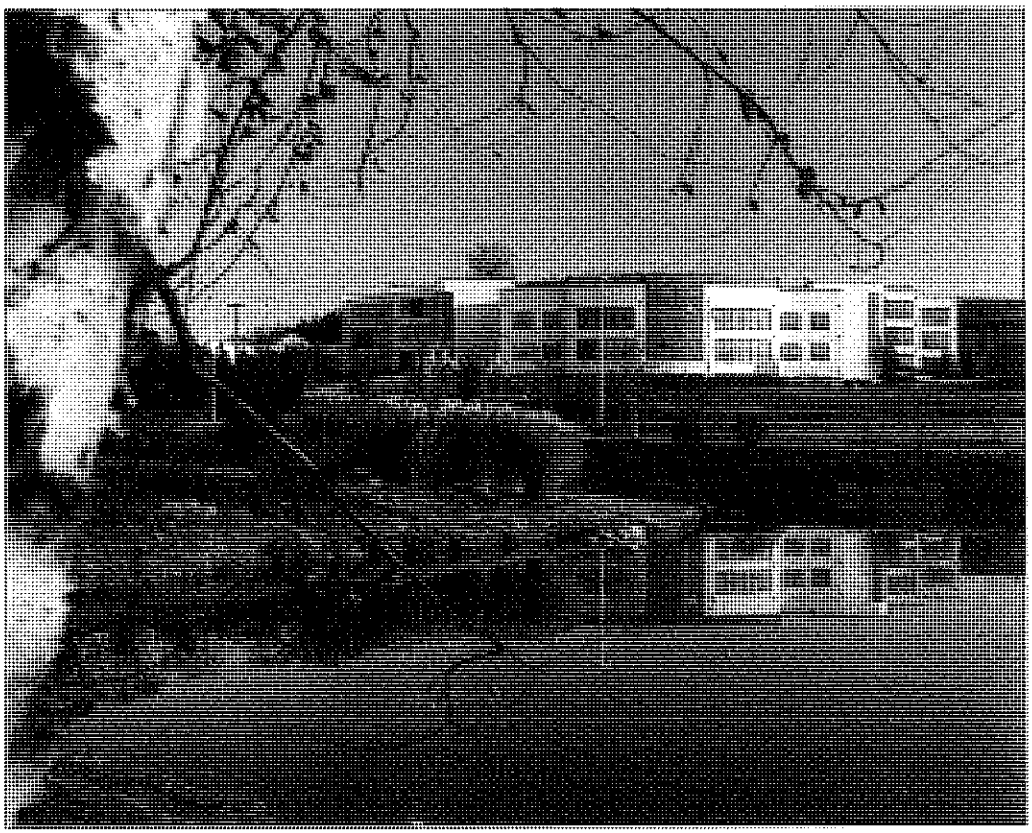
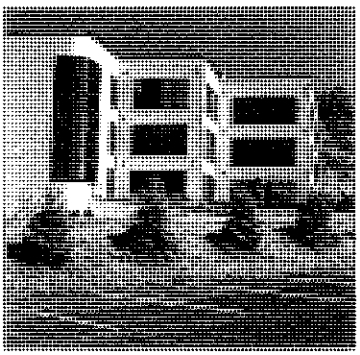
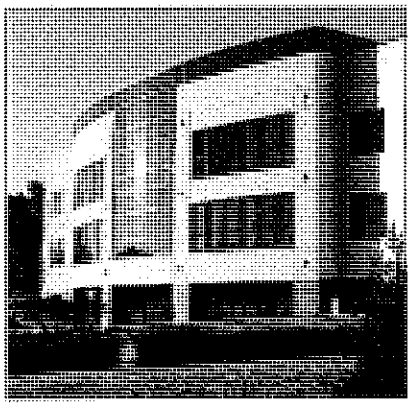
West Virginia High Technology Consortium





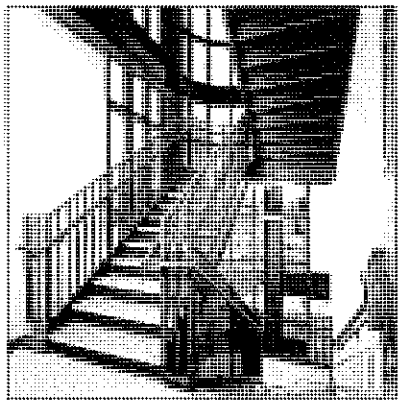
West Virginia High Technology Consortium
Fairmont, West Virginia
110,000 Square Feet



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

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

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



West Virginia High Technology Consortium

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

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

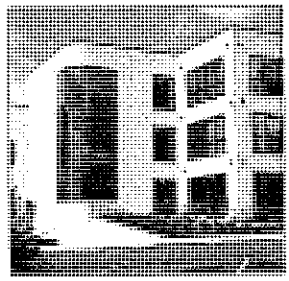
Local federal agencies include sophisticated technology based organizations like the Federal Bureau of Investigation, NASA, NIOSH, the Department of Defense, and the Department of Energy. The market needs for new technologies to serve these organizations are wide-ranging and include technology systems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

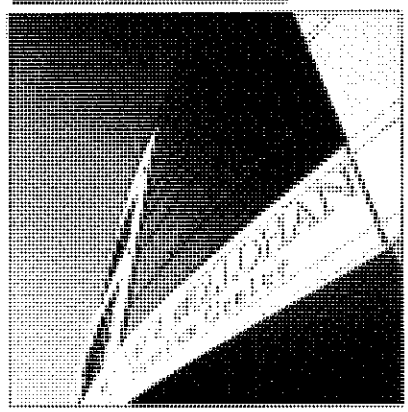
Congressman Alan B. Mollohan was the early advocate for businesses wishing to operate in this new high technology environment. In 1990, Congressman Mollohan created the West Virginia High Technology Consortium (WVHTC). The Consortium originally had six member companies, and has grown to an affiliate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

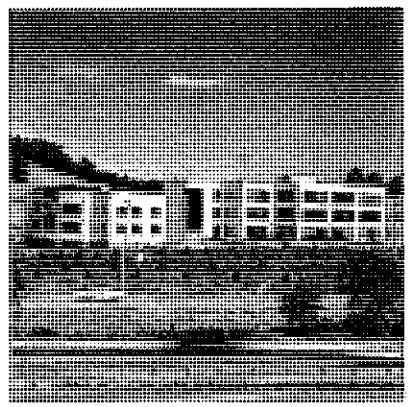
As the Consortium grew and became more diverse, the WVHTC Foundation was formed in 1993. The organization is dedicated to leading the development of high technology industries and research facilities in West Virginia through advanced technology based research, development, and educational initiatives.

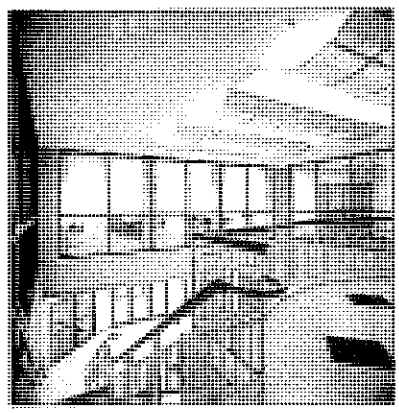
In order for this technology transformation to succeed, the Foundation is coordinating the combined efforts of government agencies, local businesses, and academia. From Silicon Valley to Huntsville, from Austin to Boston - all communities where technology sectors have emerged - academic institutions,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

-Source: **www.wvhtf.org**

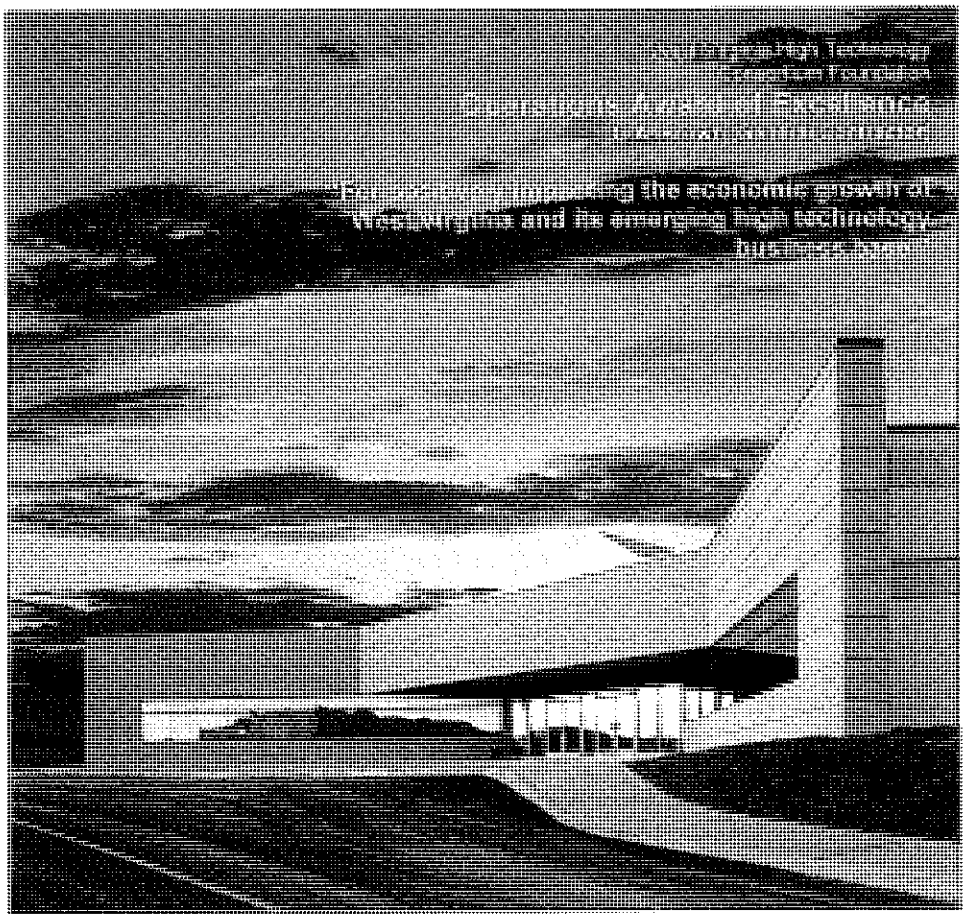


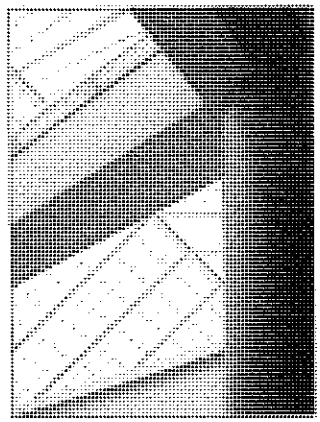


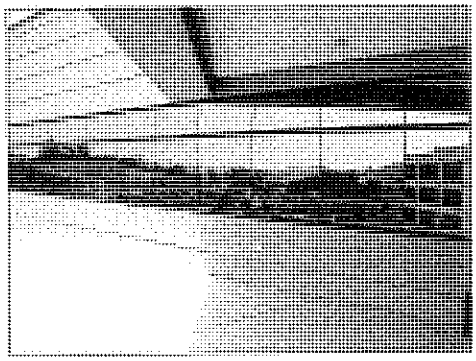




West Virginia High Technology Consortium Training Center







West Virginia High Technology Consortium Training Center
Fairmont, West Virginia
24,600 Square Feet

Occupants:

Fairmont State University

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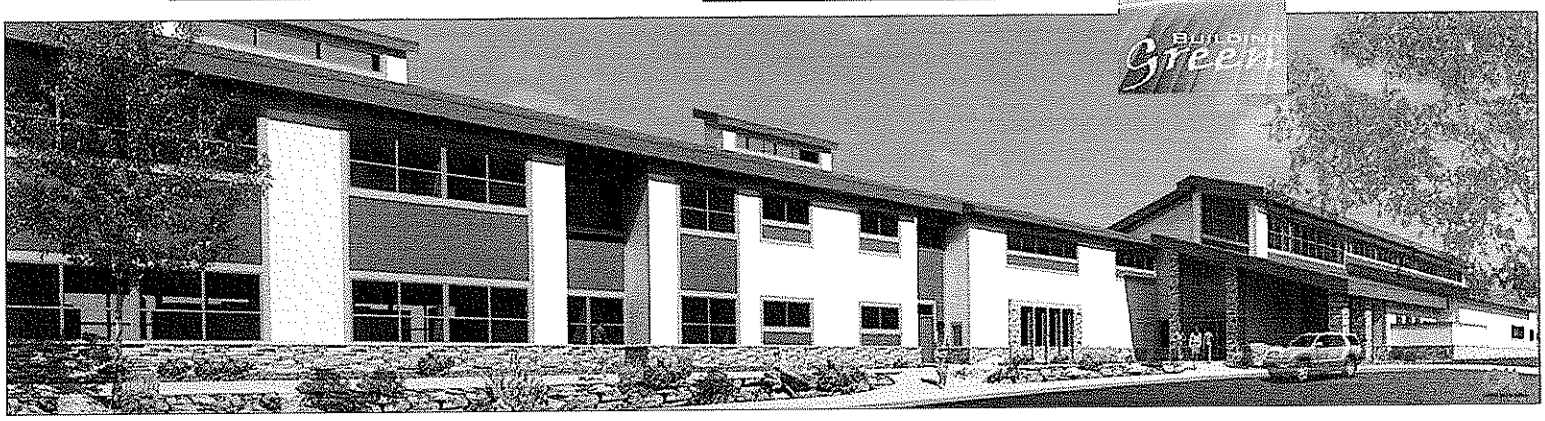
Canaan Valley Institute
Research and Education Facility



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

Kenn Smith
Executive Director
Canaan Valley Institute

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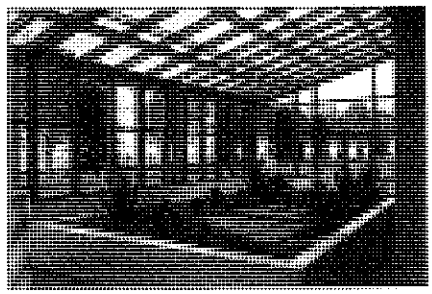
Canaan Valley Institute
Research and Education Facility

***"Canaan Valley Institute (CVI)** is a nonprofit, non-advocacy organization that helps organizations, identify, solve, and implement solutions to serious water issues impacting their daily lives."*

source: www.canaanvi.org

LEED Certification:
Anticipated Siler Rating

Canaan Valley Institutes new 28,866 square feet headquarters and education facility will be located outside Davis, WV and will serve as an education facility as well as office and laboratory space. In accordance with their mission, Omni was commissioned to develop a "green" building that will demonstrate environmentally friendly systems to visitors and its users. The $6 million facility utilizes a number of "green" technologies, including micro-turbines to generate all of the buildings electricity on site, a Living Machine which will recycle all of the building's waste water, natural ventilation, a green roof, and rain water collection ponds. The design team anticipates Silver LEED™ (Leadership in Energy and Environmental Design) Certification.



Canaan Valley Institute
Research and Education Facility
Davis, West Virginia

Estimated Construction Cost: $6,000,000
28,866 Square Feet

Canaan Valley Institute

WORKING FOR THE SUSTAINABILITY OF THE MID-ATLANTIC HIGHLANDS SINCE 1995

LEED Certification:
Anticipated Siler Rating

- Micro-turbines
- Living Machine
- Natural ventilation
- Green roof
- Rain water collection ponds.

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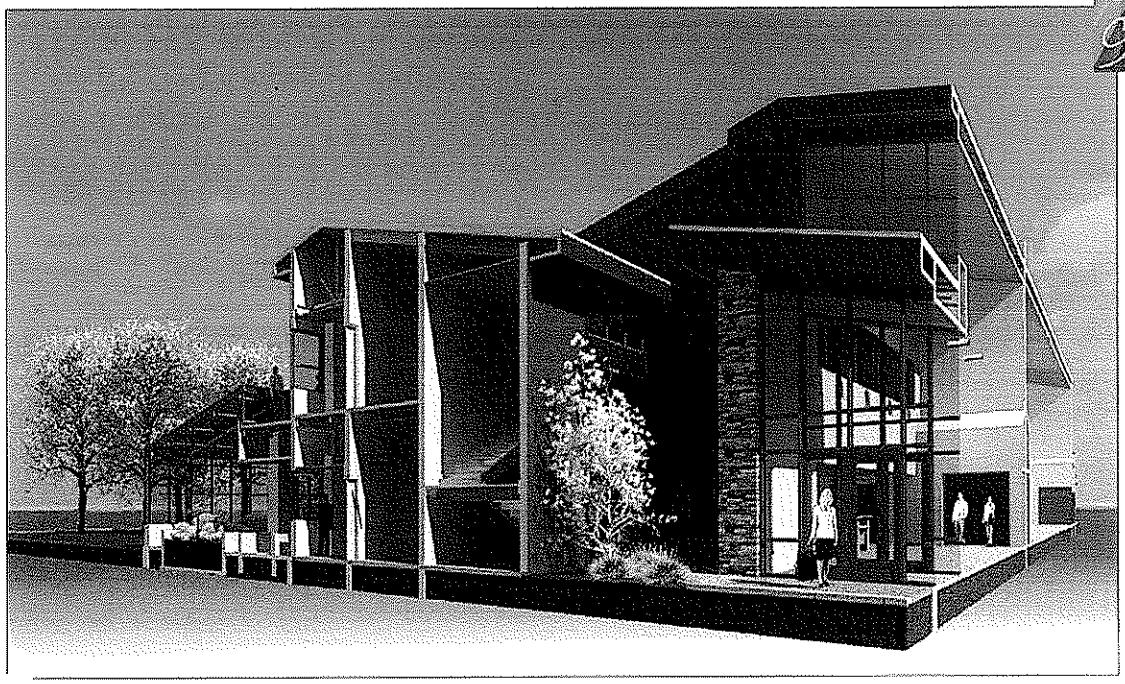
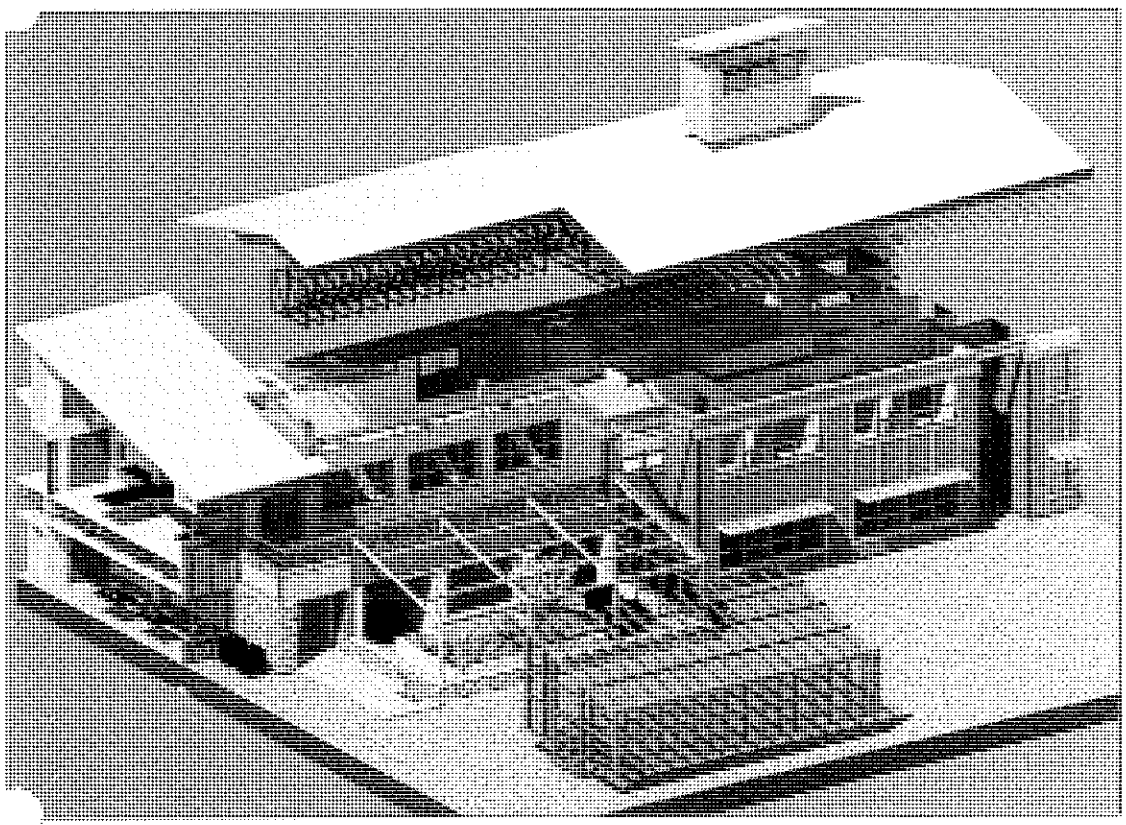
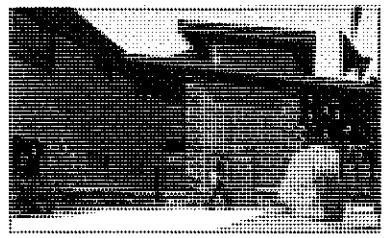
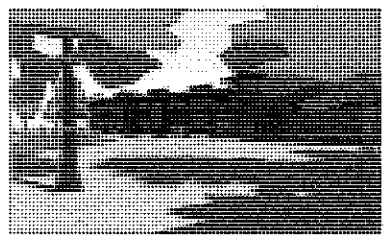
Canaan Valley Institute
Research and Education Facility

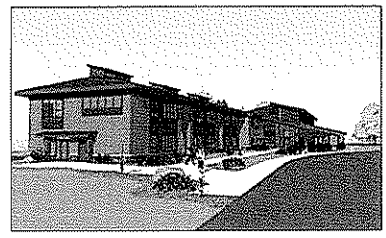
LEED Certification:
Anticipated Siler Rating











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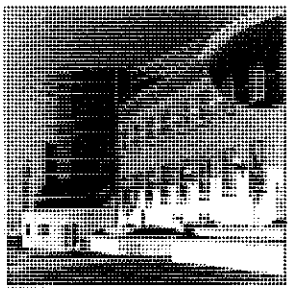
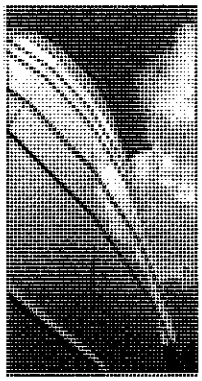
Mylan Pharmaceuticals Executive Offices



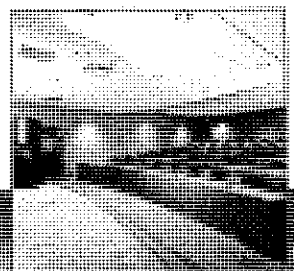
Mylan Pharmaceuticals Executive Offices Addition
Morgantown, West Virginia
Total Project - 84,860 S.F.
Parking Level - 21,215 S.F.
Three Floors - 63,645 S.F.



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

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

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



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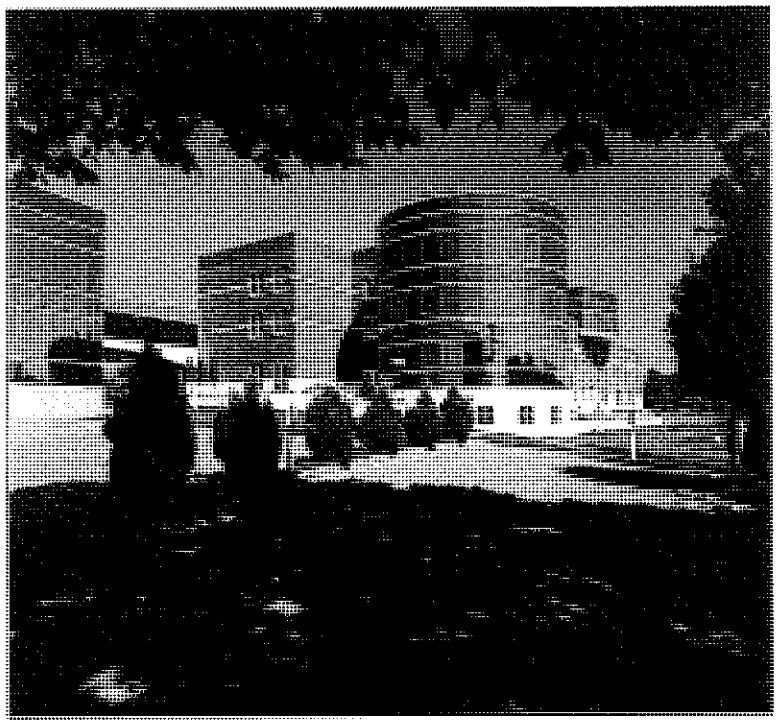
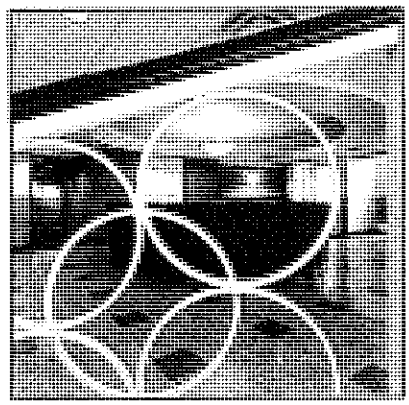
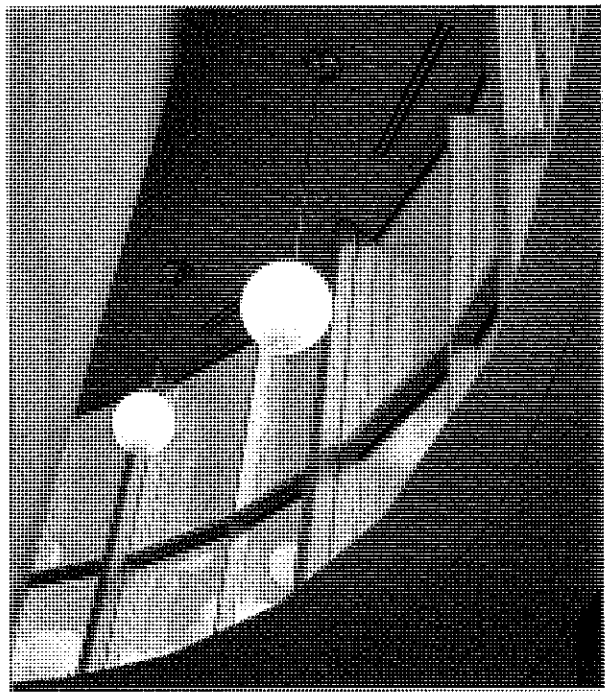
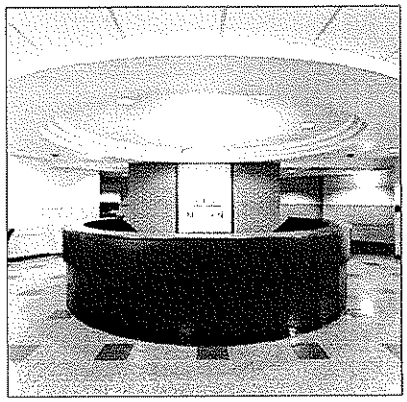
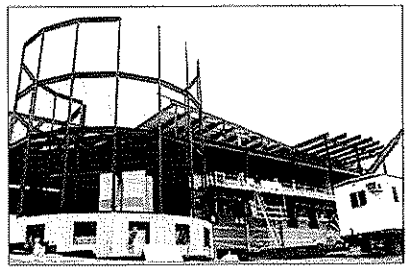
Mylan Pharmaceuticals Executive Offices





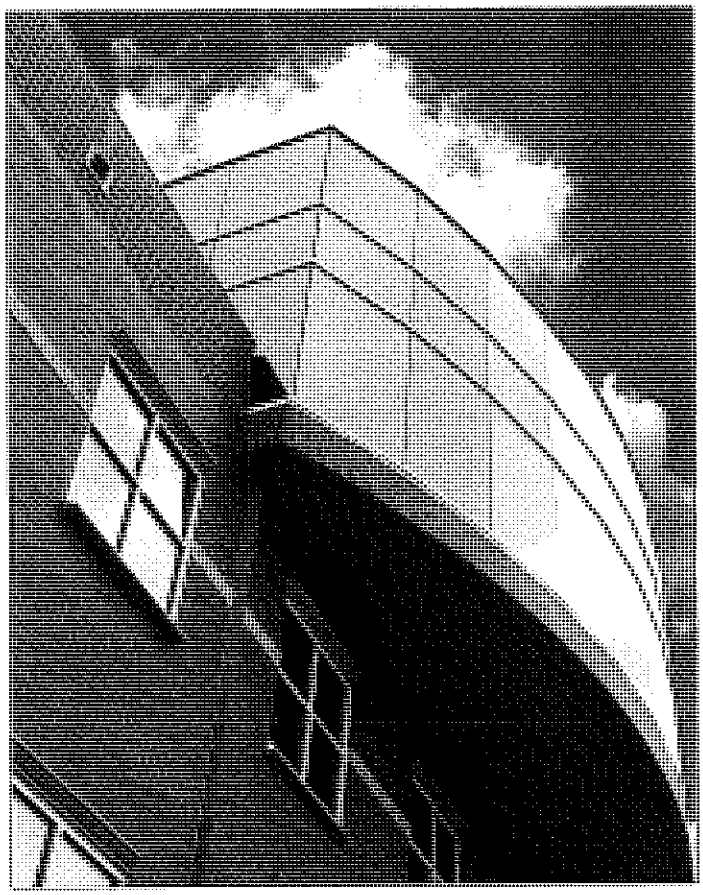


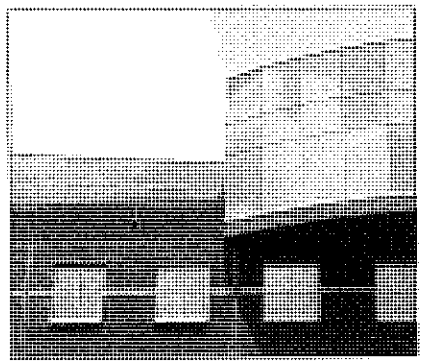


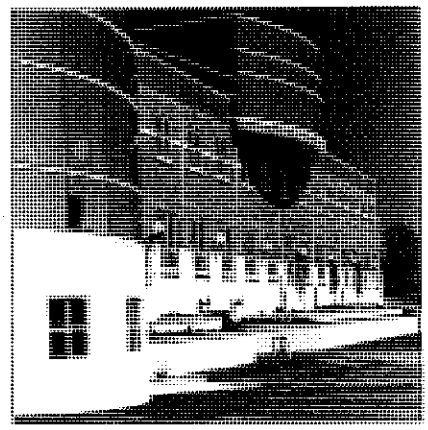


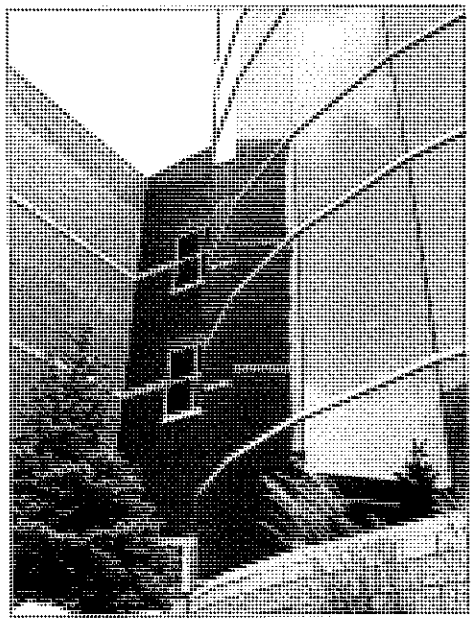
info@omniassociates.com 304.367.1417 www.omniassociates.com **Omni** Associates - Architects, Inc.

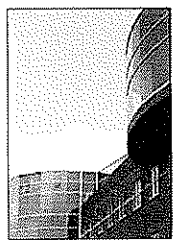
Mylan Pharmaceuticals Executive Offices



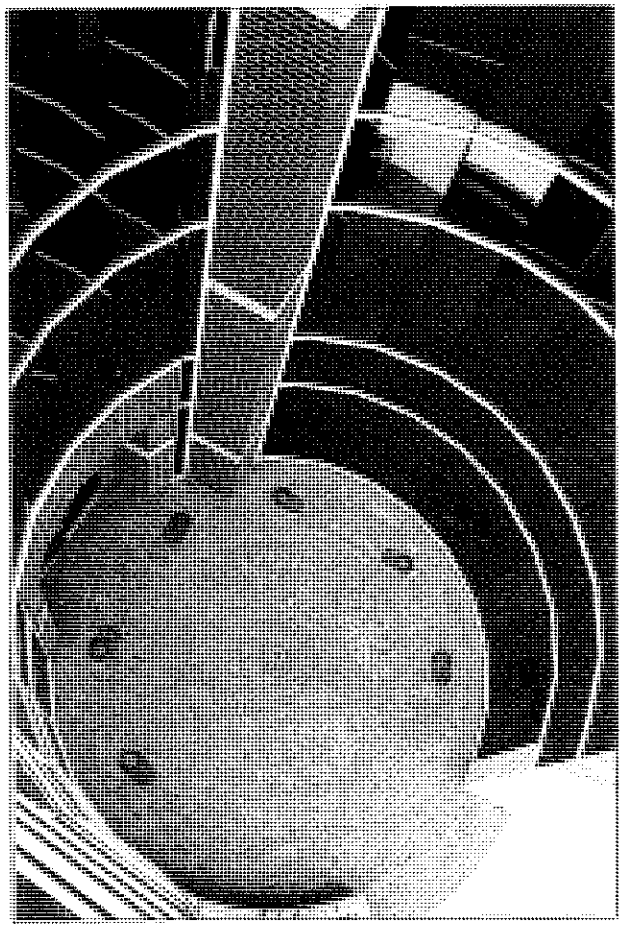


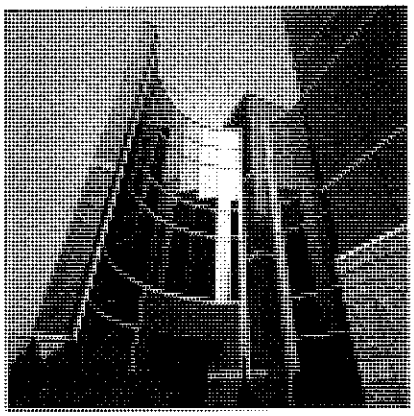






Mylan Pharmaceuticals
Executive Offices





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

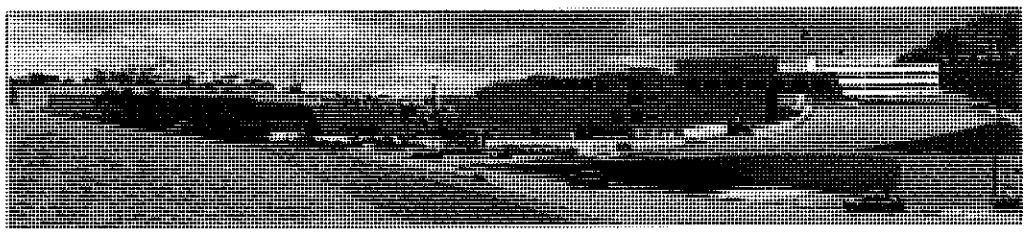
Honorable Mention:
Excellence
In Design
West Virginia Society of The American Institute of Architects

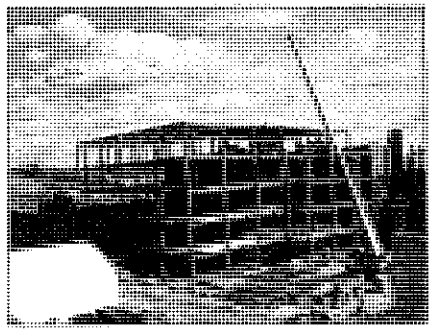
The Omni Associates designed a 63,000 SF four story addition for the existing Mylan Pharmaceuticals Plant. The project was "fast track" design meaning the construction drawings were made during the actual construction. The Omni Associates stayed ahead of the Contractor and enabled the project to be completed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

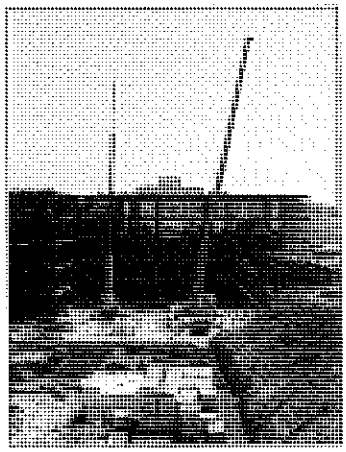
The addition contains executive office and board room, training and conference rooms, cafeteria and kitchen, employee locker rooms, research and development area and storage warehouse space.

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

Mylan Pharmaceuticals
North Expansion







Mylan Pharmaceutical
North Expansion
Morgantown, West Virginia

Total Project: 513,746 sf
Estimated Construction Cost: $90 Million

Mylan Pharmaceuticals is the largest generic drug manufacturer in the United States and experienced the need to increase productivity. Mylan Pharmaceuticals planned a major expansion to their manufacturing facility in Morgantown, WV. The 438,300 square foot manufacturing area and the 84,200 square foot high volume warehouse project more than doubled the existing area of the current building complex and allowed for nearly a quadrupling of production capacity.

The overall expansion created a new flow of material and process that not only increased production capacity but reorganized the process and made for better work flow. The new work involves new receiving and shipping docks with associated high volume warehousing. The manufacturing steps from raw material to finish product including sampling, weighing, blending, tableting and packaging are all included. Specialized processes such as fluidization, capsulation and granulation are organized into the work flow as well. Quality control laboratories and operating procedure rooms were designed to be integral with the manufacturing

Due to the significant size of this expansion, other supports and infrastructures needed to be constructed into the planning. A 512 space multi-level parking garage was constructed to provide to the additional man-power that comes with additional production. This garage is connected to the plant by two bridges to allow better flow of personnel. A new fire water loop with associates fire pumps and reserve water tanks are implemented to maintain fire protection. The creation of new access roads and entrances into the building were part of the design to make the site function to a higher capacity. Specialized high capacity elevators and a five story escalator design will allow the flow of material and personnel to move at an efficient pace.

The five-story addition was started in August of 2002 and was completed in the fall of 2006 as part of a design-build process. The design included the ability to phase various portions of the completion to allow for installing, validating and utilizing manufacturing equipment in stages. This provided immediate production needs while creating room for future growth and implementation of new equipment. The increased staffing needs were met with new training rooms, locker spaces and a 300 seat cafeteria including indoor and outdoor dining space.

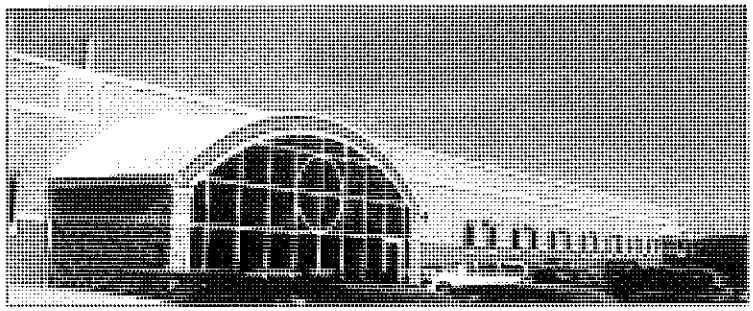
ABC
Associated Builders and Contractors, Inc.
West Virginia Chapter

2007 Excellence in Construction Award

Category:
Mega Projects:
More than $100 Million

MARCH-WESTIN CO.
(General Contractor)

Mylan Pharmaceuticals
Research & Development Center

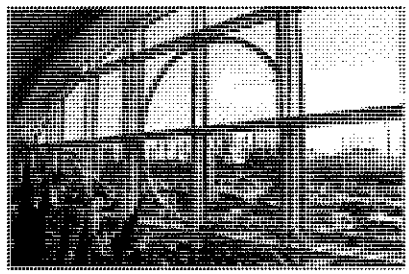


Mylan Pharmaceuticals 14.8 million dollar Research and Development facility was constructed to help the expanding generic drug manufacturer grow by moving many non production functions into a separate state-of-the-art building. The existing plant was in need of more room but was unable to grow due to its confined site. The new building was sited several miles away on a sloping riverside area. Along with research and laboratory programs, the new building holds the sales and marketing teams, the accounting and information system departments and an expansive warehouse.

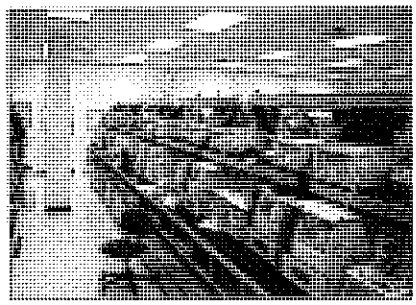
The site, due to its severe slope to the river, had to be excavated down twenty feet to create enough area for the 153,000 square foot building; the footprint being nearly one acre. The main entrance is located on the Third floor. Functionally, the building is divided by its program. The upper floor has research labs (Pharmakokinetics, Analytical Chemistry and Material Management) and a prototype production plant to manufacturer samples of new research. Teleconference and executive office space keep the research members near the work at hand as well as Mylan's other facilities and offices.

The Second floor is shared by Information Systems and Accounting. This floor also contains the building's lunch room and has the company's wellness center, good health being a company mission. The First floor has executive offices and a training center for sales and marketing. The bulk of this lower floor is designated for a materials warehouse. Raw materials and equipment for the research facility above is received, tested and quarantined.

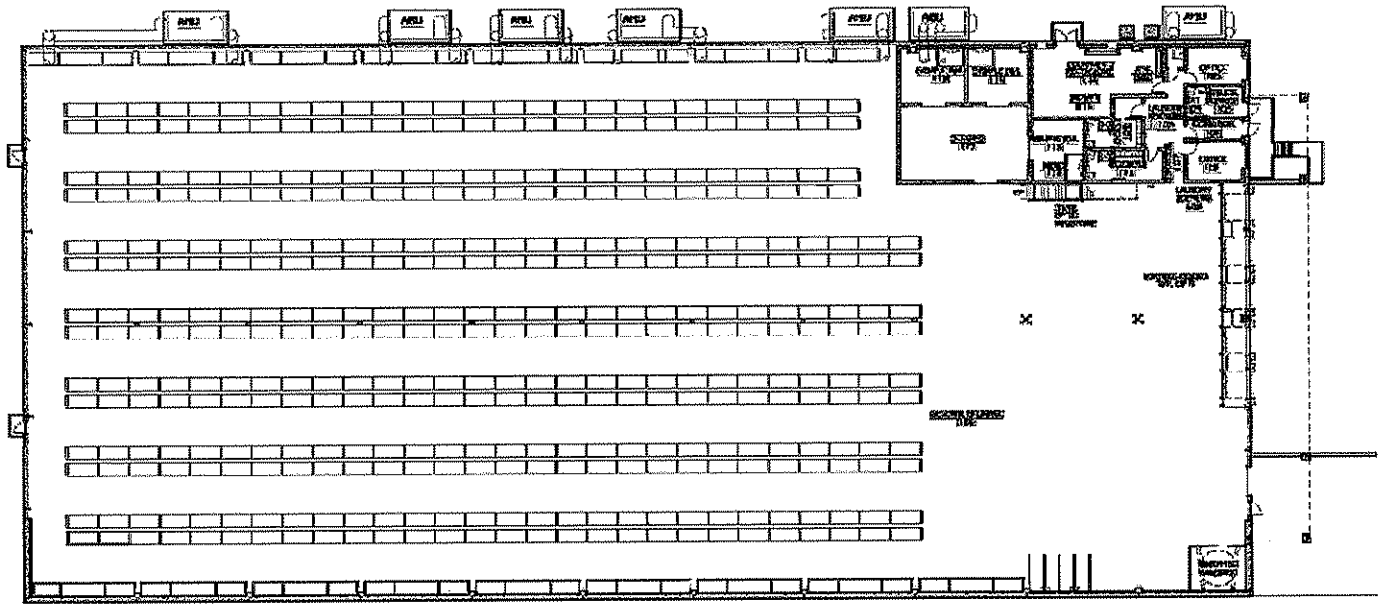
All of the laboratories, production rooms and offices are design and equipped with the latest technologies from computer systems to room finishes. The Research and Development Center has enabled Mylan Pharmaceuticals to create new products and expand its manufacturing.



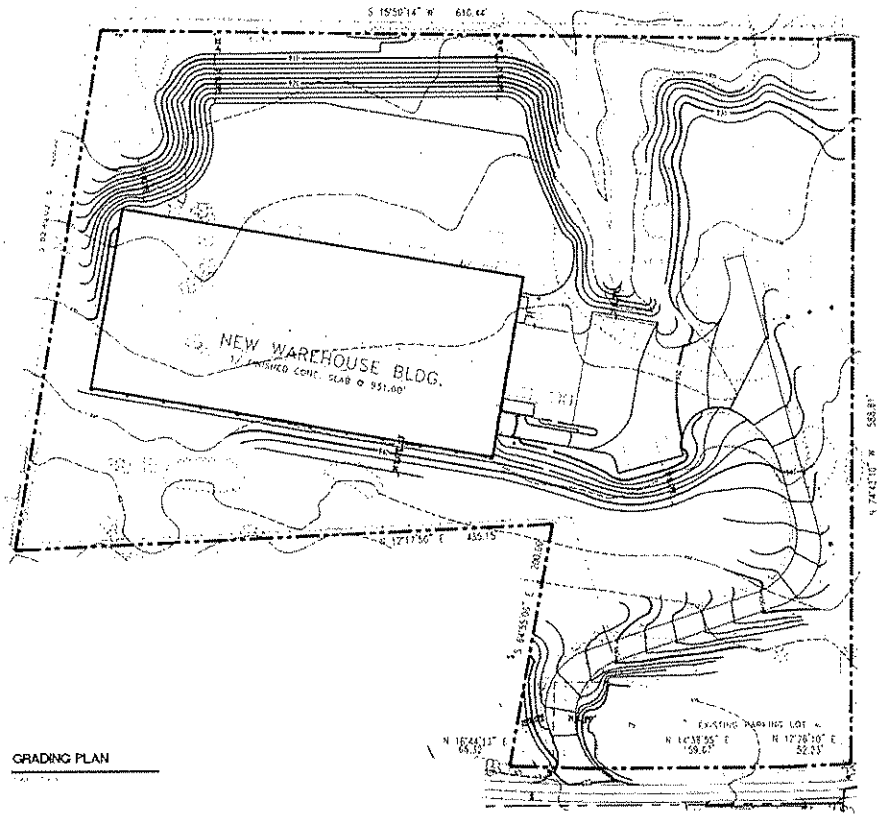
Mylan Pharmaceuticals Research & Development Center
Morgantown, West Virginia
$14.8 Million - Design Build
153,000 Square Feet
Design Build Construction



Mylan Pharmaceuticals Warehouse



FLOOR PLAN - GROUND LEVEL

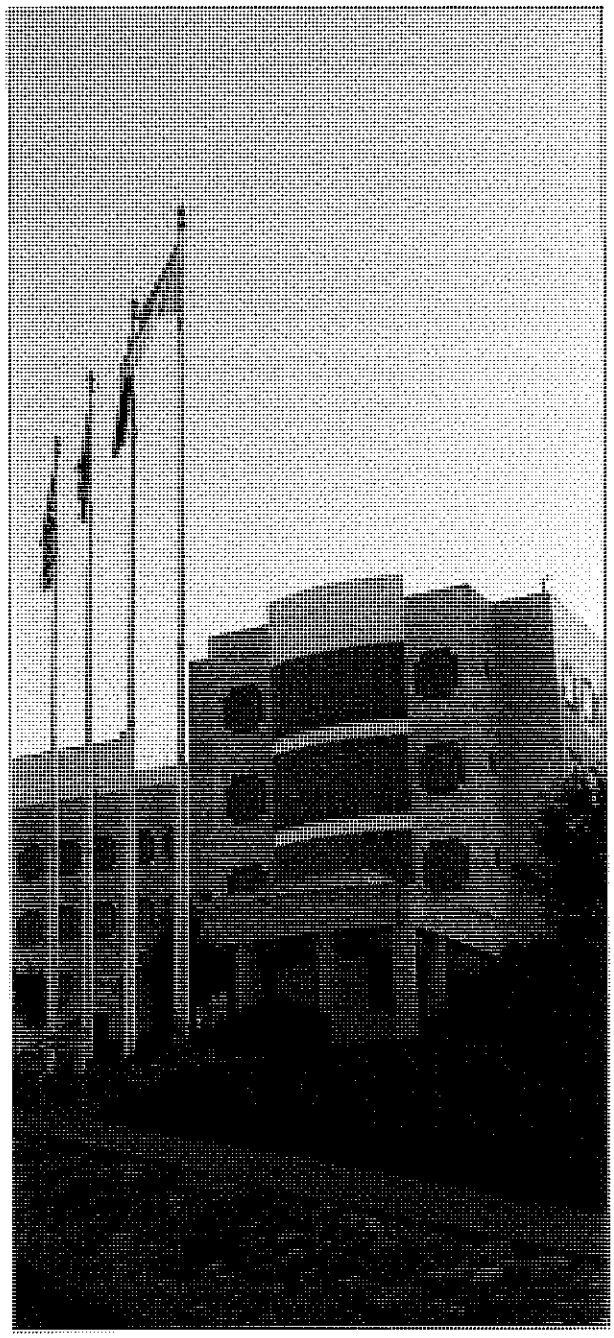


GRADING PLAN

Mylan Pharmaceuticals Warehouse
Morgantown, West Virginia
Construction Cost: $3,200,000

1st Floor: 49,710 Square Feet
Mezzanine: 3,641 Square Feet

CDC / NIOSH
National Institute for Occupational Safety and Health



CDC / NIOSH
National Institute for Occupational Safety and Health

Morgantown, West Virginia
Pittsburgh, Pennsylvania

5-year Open-ended Project

Omni Associates – Architects was selected from among many national firms for an open-ended agreement to design laboratory additions and renovations for the Morgantown, WV and Pittsburgh, PA CDC/NIOSH facilities. This was part of the Federal "Set-Aside" procurement process for Small Business Concerns. Omni worked jointly with Karlsberger and H.F. Lenz to provide comprehensive laboratory and Mechanical / Electrical / Plumbing Engineering. Omni Associates was required to perform a minimum of 50 percent of the work as a part of the contract agreement.

The 5 year agreement was implemented through individual work scope assignments that entailed on-site evaluations, program feasibility, construction documents, and construction administration. Omni Associates' close proximity to both sites made the implementation of design criteria easier to coordinate with the CDC/NIOSH personnel.

City of Fairmont, West Virginia
Public Safety Building

The City of Fairmont selected The Omni Associates - Architects to design the new Public Safety Building. The 36,000 square foot new facility will house the Fire Administration and Central Station of the Fairmont Fire Department and the entire Fairmont Police Department. The design service includes the development of a building program and the selection of the building site. The selection of the site involves a site analysis study to determine the feasibility of utilizing an existing structure verse a new structure on various sites recommended by The Omni Associates.

The Building Program involves in-depth functional and spatial study of all component spaces This requires extensive discussion with the Police Chief, Fire Chief, and Department Beads as well as various Policemen and Firemen. Many considerations must be investigated and prioritized such as design flexibility, public image, impact on downtown, maneuverability of fire apparatus, public zones, secure zones, and the image and morale of the officers and firemen. These considerations along with budget cost controls, construction materials and schedule I combine to complete the total building design.

Fairmont Public Safety Building
City of Fairmont
Marion County
Fairmont, West Virginia
36,000 Square Feet

Introduction

Capitol Engineering, Inc. (CEI) proposes to perform civil engineering and surveying services for the West Virginia National Guard to develop engineering plans and specifications for the USPFO. We have experience planning, designing, specifying, preparing contract documents, bidding and performing contract administration on many types of military facilities including Readiness Centers, Airfields, Training Areas and Ranges. Our experience and resources give us the ability to handle both complex and routine projects.

Why CEI?

CEI offers the highly specialized experience, attention to minute detail, and the unparalleled level of personal client support provided by a small boutique firm. We are particularly attractive because:

- Our management, engineering and professional staff has a combined total of over 120 years of experience – much of it acquired while working on military facilities.
- Staff has participation and completion of 20 National Guard projects in West Virginia.
- Management team has 30+ years and over 60 projects total specialized experience providing timely, cost effective construction documents for military facilities.
- Experience to successfully handle all design situations and problem types anticipated to occur under this contract.
- Construction and Facilities Maintenance Office satisfaction with prior work/projects performed by key staff members.

CEI Overview

Capitol Engineering is a locally owned consulting engineering firm founded in 1999. CEI has steadily grown since its inception with three employees. CEI possesses in-house services in civil, environmental and mining engineering, contract administration, and surveying and mapping. Our staff is made up of two Professional Engineers, a Professional Surveyor, Project Engineers and Scientists, CAD Operators, Technicians, and administrative personnel. Our client base is comprised of contractors, architects, engineers, developers, private industry, and federal and state agencies. A complete list of services is as follows:

Civil Engineering

Geotechnical Engineering
Project Management
Rail Siding Design
Roadway Design
Site Development & Grading Plans
Siting Studies
Slope Stability Analysis
Stormwater Systems
Wastewater Treatment Systems

Environmental Engineering

Environmental Due Diligence
Environmental Site Reviews
Erosion & Sedimentation Control
NPDES, GPCC, SPCC Plans
Solid Waste & Landfill Design
Stormwater Management Plans

Construction Administration

Bid Analysis & Management
Construction Observation
Damage Settlement
Submittal Review

Surveying & Mapping

Control Surveys
Floodplain Studies
GPS Surveys
Mineral Reserve Surveys
Planimetric Surveys
Quantity Determination Surveys
River & Lake Soundings
Topographic Survey

Mining Engineering

Abandoned Mine Land Reclamation
Acid Mine Drainage Passive Treatment
Geologic & Hydrologic Evaluations
Mine-Related Subsidence Investigations
Mining Permits, Modifications, & IBR's
Reclamation Liability Audits
Surface Mine Surveying & Mapping

ROBERT M. FULLER, P.E.
Principal, Capitol Engineering, Inc.

QUALIFICATIONS

Project Manager with twenty (20) years of experience with site investigation, planning, design and contract administration services on military, site development and mine reclamation projects. Mr. Fuller has been fully responsible technically, managerially and administratively for the planning, investigation, design and contract document preparation for over seventy (70) projects in the State of West Virginia. Mr. Fuller has served as Associate Professor of Civil Engineering Technology at West Virginia University Institute of Technology on a full-time, part-time and adjunct basis.

CERTIFICATIONS

Registered Professional Engineer – WV, PA, OH
OSHA 40-Hour Health and Safety Training
OSHA Supervisor Training

EDUCATIONAL BACKGROUND

M.S. Engineering, Marshall University Graduate College, 1997
B.S. Engineering Technology, West Virginia Institute of Technology, 1989

PROFESSIONAL EXPERIENCE

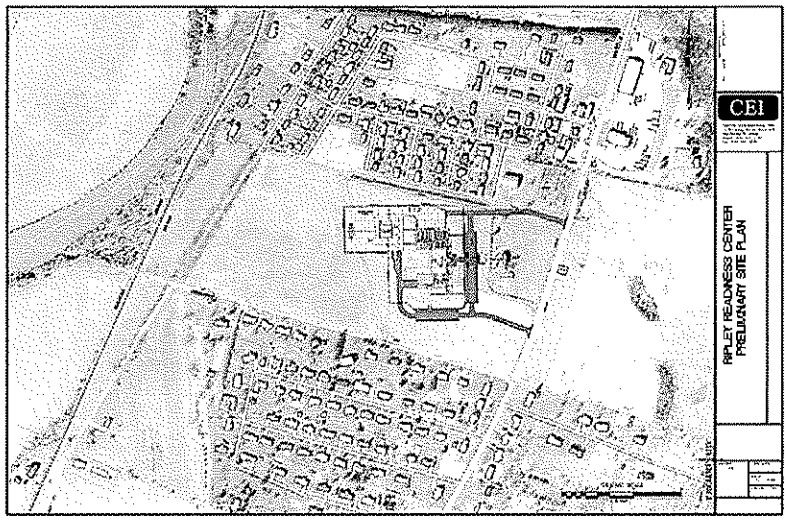
Mr. Fuller was principal or project manager for the following West Virginia Army National Guard Projects completed by Capitol Engineering, Inc.. Brief descriptions of the projects with asterisks are provided elsewhere in this proposal.

- Ripley Armed Forces Reserve Center*
- Fairmont Armed Forces Reserve Center*
- Elkins Armed Forces Reserve Center*
- Glen Jean Armed Forces Reserve Center*
- Summersville Readiness Center*
- AASF #1 Apron Expansion/Rehabilitation and Taxiway Replacement*
- Joint Interagency Training and Education Center
- Lewisburg Readiness Center
- Camp Dawson Runway Extension
- AASF #1 Taxiway Repair
- Camp Dawson Range Renovations
- Williamson Armory Wash Pad and Military Parking
- Engineering consultant for the Center for National ResponseRoss Property Conceptual Site Layout
- Eleanor AFRC & CSMS Utility Location and Property Staking
- Camp Dawson Qualification Training Range Preliminary Design Drawings
- Eleanor CHP Rail Spur Layout
- JISOTF Initial Planning Study

PROFESSIONAL AFFILIATIONS

Society of American Military Engineers
American Society of Civil Engineers
American Institute of Architects
Construction Specifications Institute

PROJECT EXPERIENCE



Project Title
Ripley
Armed Forces Reserve Center
Site and Civil Design

Site Location
Millwood
Jackson County, WV

Client
ZMM, Inc.
Architects and Engineers
Charleston, WV

Project Description

The Ripley Armed Forces Reserve Center Project includes a Readiness Center and an Organizational Maintenance Shop (OMS). The complex consists of over 65,000 square feet of heated space, additional unheated storage and approximately 23,000 square yards of rigid and flexible paving. The new facility occupies the 350 acre tract formerly owned by the Order of the Eastern Star in Millwood, Jackson County. Capitol Engineering, Inc. (CEI) is performing all of the site investigation and site/civil design aspects of the project, as well as construction administration for the sitework.

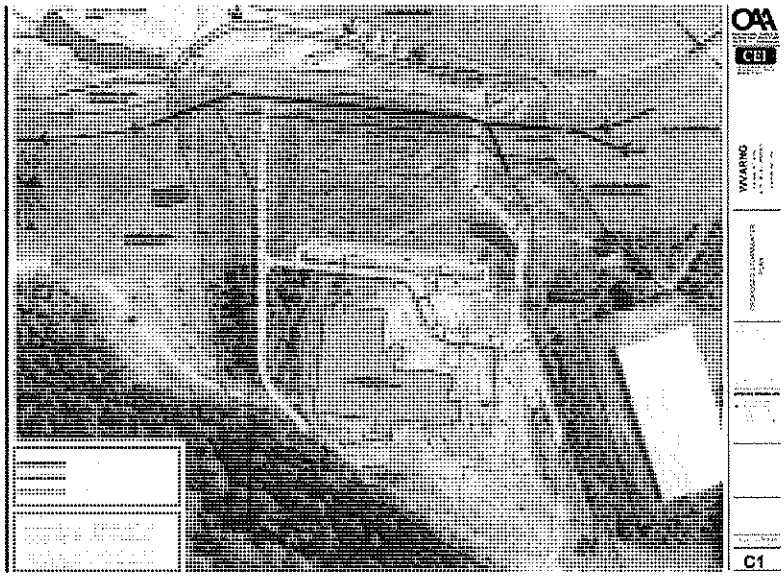
The project included the following major design elements:

1. Utilities
    a. Water line extension
    b. Sanitary sewer system
    c. Gas line extension
    d. Electric and telephone service
2. Access roads and vehicle facilities
    a. 11,800 SY Concrete paving
    b. 15,000 SY Asphalt paving
    c. Vehicle wash facility
    d. Multiple secure motor pool areas
    e. Multiple access roads and POV parking lots
3. General site features
    a. Earthwork and erosion control
    b. Storm drainage system and detention facility
    c. Security fencing/Force protection measures
    d. Outdoor training area

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Utility and stormwater easement acquisition assistance

PROJECT EXPERIENCE



Project Title
Fairmont
Armed Forces Reserve Center
Site and Civil Design

Site Location
Fairmont, Marion County, WV

Client
Omni Associates
Fairmont, WV

Project Description

The Fairmont Armed Forces Reserve Center Project includes a Readiness Center, civic arena, and a unit maintenance shop. The complex consists of over 70,000 square feet of heated space, additional unheated storage and approximately 31,000 square yards of rigid and flexible paving. The facility occupies a 35 acre tract in the proposed Suncrest Development of East Fairmont. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project.

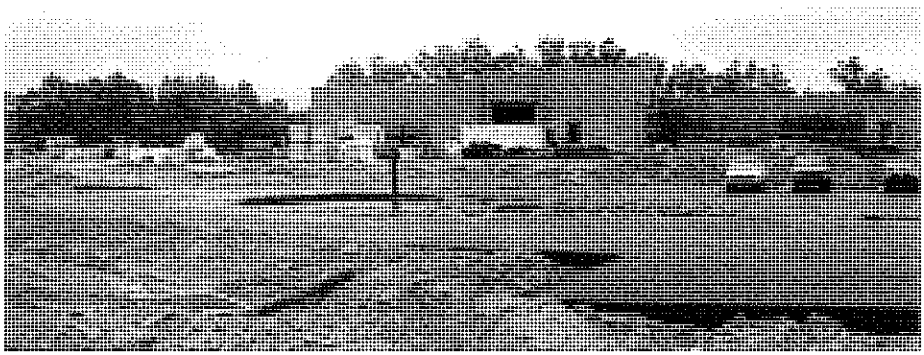
The project included the following major design elements:

1. Utilities
    a. Water line extension
    b. Sanitary sewer system extension
    c. Gas line relocation
    d. Electric and telephone service
2. Access roads and vehicle facilities
    a. 14,400 SY concrete paving
    b. 27,000 SY asphalt paving
    c. Vehicle wash facility
    d. Multiple secure motor pool areas
    e. Multiple access roads and POV parking lots
3. General site features
    a. Earthwork and erosion control
    b. Storm drainage system and multiple detention facilities
    c. Security fencing/force protection measures
    d. Outdoor training area

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Preliminary subsurface investigation/constructability study
4. Geotechnical investigation and laboratory testing
5. Utility, grading, and stormwater easement acquisition assistance

PROJECT EXPERIENCE



Project Title
Summersville Readiness Center
Site and Civil Design

Site Location
Summersville, Nicholas County, WV

Client
S E M Architects
Columbus, OH

Project Description

The Summersville Readiness Center Project included a Readiness Center, a Civic Arena and Conference Center, and a unit maintenance shop. The complex consists of over 70,000 square feet of heated space, additional unheated storage and approximately 21,000 square yards of rigid and flexible paving. The facility occupies a 35-acre tract behind the Northside Center in Summersville, Nicholas County. Capitol Engineering, Inc. (CEI) was selected to perform all aspects of the site investigation. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project.

The project includes the following major design elements:

1. Utilities
    a. Water line extension
    b. Sanitary sewer system
    c. Existing gas line relocation
    d. Gas, electric, telephone and cable television service
2. Access roads and vehicle facilities
    a. 11,000 SY Concrete paving
    b. 10,000 SY Asphalt paving
    c. Vehicle wash facility
    d. Fuel storage and dispensing system
    e. Multiple secure motor pool areas
    f. Multiple POV parking lots
    g. Multiple access roads
3. General site features
    a. Earthwork and erosion control
    b. Storm drainage system and detention facility
    c. Security fencing/Force protection measures
    d. Outdoor training area

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Easement and right-of-way acquisition

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 and electrical engineering solutions and unparalleled client service since 1931.

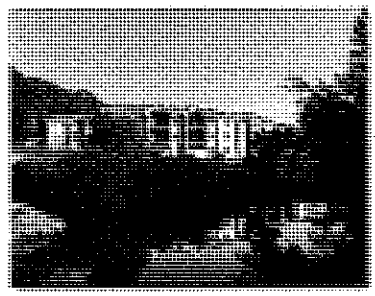
Primary markets of the firm include educational, health care, environments for the aging, and commercial renovations and new construction.

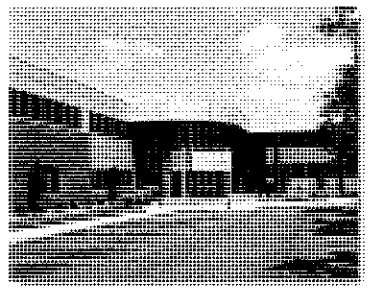
Tower Engineering's highly-trained staff of project managers, designers, and technical support personnel is capable of providing consulting services for every type of project - from a small, single-family residence to a high tech research facility incorporating redundant mechanical and electrical systems,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

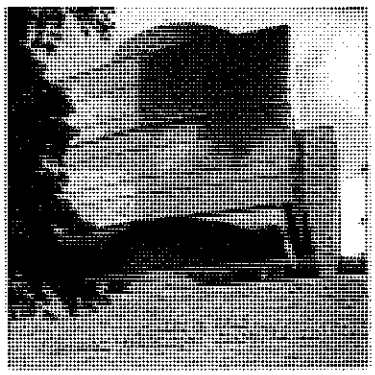
Our engineers utilize state-of-the-art computer software programs for the design of lighting, electrical power and mechanical systems. Lighting analysis includes point-by-point calculations, ESI analysis, exterior lighting analysis, and life cycle cost comparisons. Electrical power analysis includes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







TOWER
ENGINEERING

115 Evergreen Heights Drive
Suite 400
Pittsburgh, Pennsylvania 15229
(412)931-8888
Fax (412) 939-2525

Tower Engineering

Specific Engineering Services

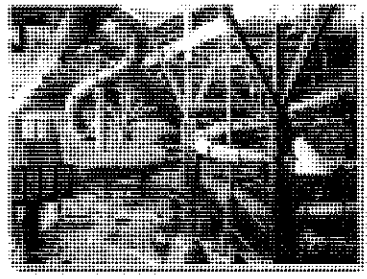
HVAC
- Heating and cooling system design
- Ventilation system design
- Building automation systems
- Control systems and energy monitoring
- Geothermal heat pumps
- Heat recovery systems
- Kitchen and laboratory exhaust systems
- Smoke evacuation systems
- Computer room environmental control systems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

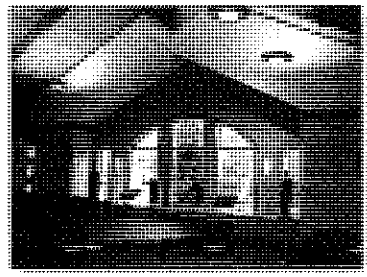
Electrical
- Interior and exterior lighting design and studies
- Lighting controls
- Primary and secondary voltage power distribution systems
- Fire detection and alarm systems
- Computer data and power systems
- Uninterruptible power supply systems
- Reinforced and masking sound systems
- Lightning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

Telecommunications
- Voice communication systems
- Data network systems

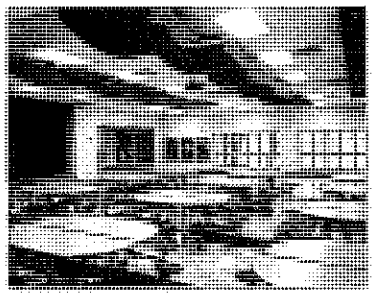
Plumbing
- Water resource efficiency analysis
- Sanitary drainage systems
- Storm water management
- Domestic water systems
- Waste water treatment systems
- Hospital and laboratory piping systems
- Fuel oil piping systems
- Irrigation systems

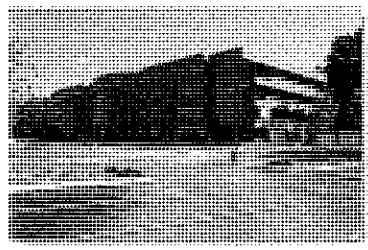
Fire Protection
- Standpipe and sprinkler systems
- Fire protection systems





Our Design Experience



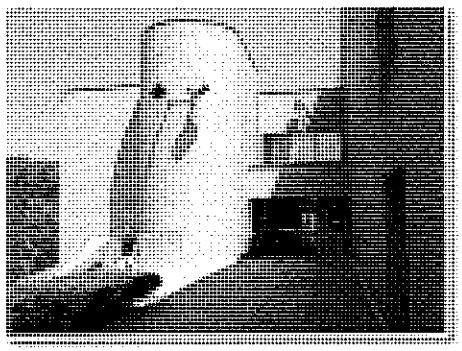


- Agricultural & Science Buildings
- Airport Terminals & Hangers
- Athletic Facilities & Stadiums
- Auditoriums & Theaters
- Call Centers
- Classrooms
- Clean Rooms & Special Environments
- Data Centers
- Dining Halls
- Dormitory Buildings
- Environments for the Aging
- High-Rise & Low-Rise Office Buildings
- 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 2008, 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 has a long history of providing engineering services in West Virginia. For more than five decades, educational, commercial and institutional facilities owners have depended on us to engineer mechanical and electrical systems which are effective, as well as efficient.

During the past two years alone, 34% of our project workload has been in West Virginia. Currently, Tower Engineering is providing mechanical and electrical systems engineering for boards of education in five counties, as well as for West Virginia University, Fairmont State University, the Department of Energy, Canaan Valley Institute, West Virginia Army National Guard and other clients throughout the state.



TOWER
ENGINEERING

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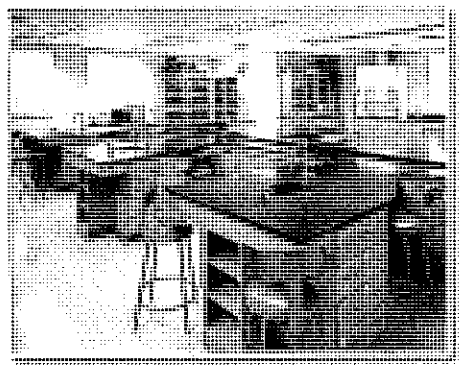
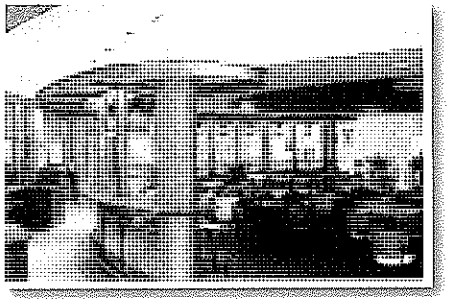
Recent Projects in West Virginia Have Included:

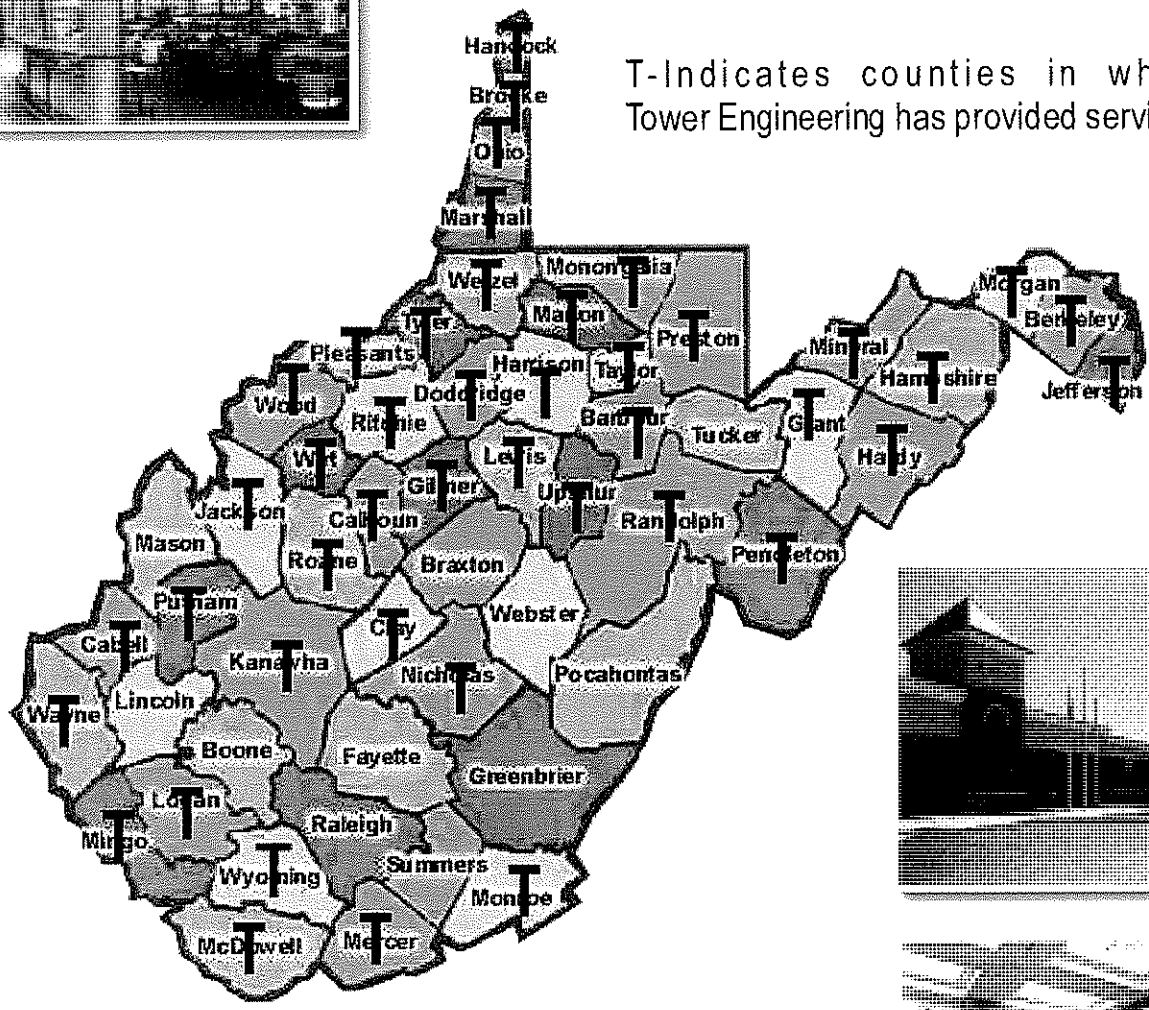
- Airport Renovations
- Research/Laboratories
- K-12 Schools
- Commercial Offices
- Community Centers
- Retail Buildings
- Stadiums & Athletic Buildings
- Military Training Facilities and other Government-Owned Facilities
- Nursing Homes
- Light Industrial and Warehouses



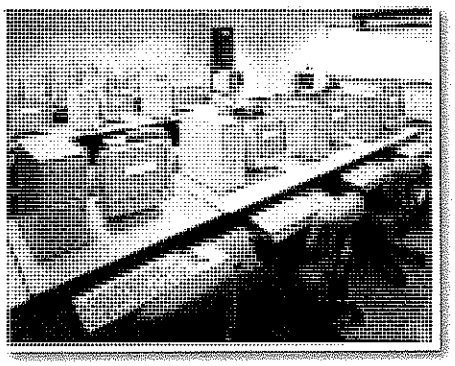
Engineering West Virginia

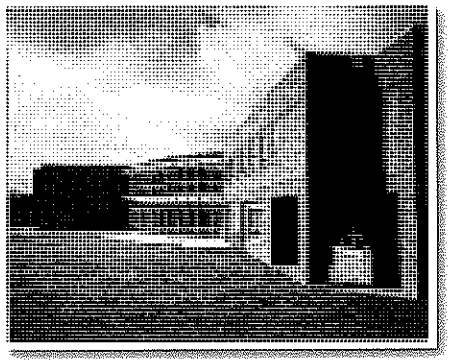
Located in Pittsburgh....But Not Just A Pittsburgh Firm





T-Indicates counties in which Tower Engineering has provided services.

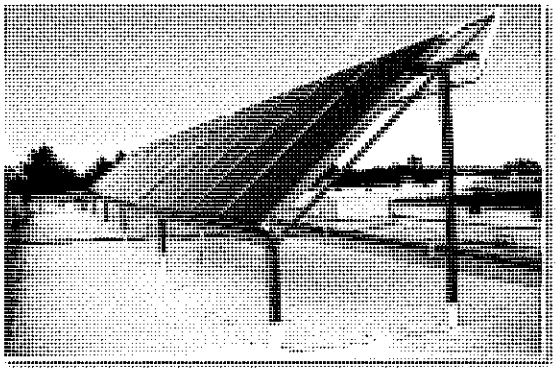


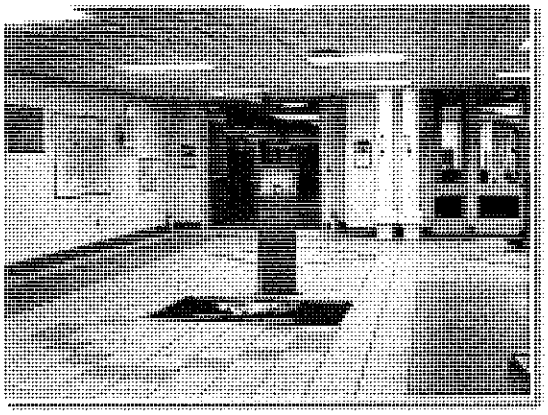


Working together with our clients, Tower Engineering takes great pride in implementing environmentally conscious solutions to building issues. To sustain our environment, we design building systems that use material, energy and water resources efficiently, minimize site impacts and address health issues relating to the indoor environment.

Over the last decade, various groups have worked to develop strategies to promote and facilitate the design of sustainable, high performance buildings. One such organization, The **U.S. Green Building Council**, has created a nationally recognized certification process for evaluating sustainable and high performance buildings, a program called "**Leadership in Energy and Environmental Design**," commonly known by its acronym "**LEED**". In addition to being a member of the U.S. Green Building Council (USGBC), Tower Engineering's staff includes LEED accredited professionals.

The LEED certification process rates the levels of sustainability achieved in a building: LEED Certified, LEED Silver, LEED Gold, and the highest rating, LEED platinum. Awards are based upon achieving "sustainability points" in the areas of Site, Water, Energy & Atmosphere, Materials and Resources, Indoor Environmental Quality, and Innovation & Design Process.





Our LEED design experience includes the Felician Sister's Motherhouse (left) which received a Gold rating and J.S. Wilson Middle school (below left) which was designed to a LEED Silver rating and included such sustainable features as geothermal heating and cooling.

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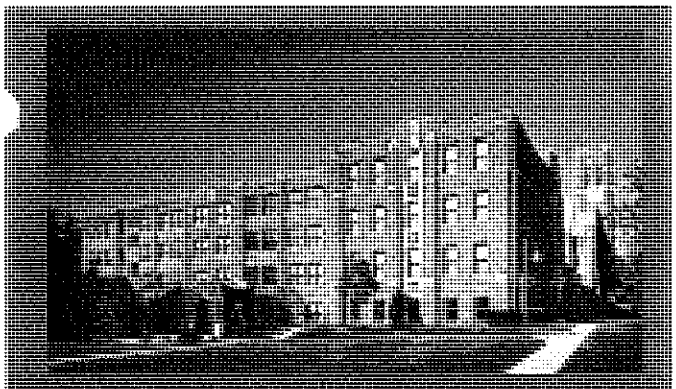
LEED™ Rated Design



Felician Sisters' Motherhouse
Coraopolis, Pennsylvania

- Super-high efficiency modular boilers to maintain 90 degrees F. hot water temperature.
- Carefully sized individual heat pumps to provide adequate compressor cadences to ensure summer dehumidification and cooling without short cycling.
- Specification of premium efficient motors for pumps and larger RTU fans.
- Specification of Ventilation Heat Pump Rooftop Units with factory-installed energy recovery sections.
- Utilization of carbon dioxide sensors to reduce outside air quantities in multi-use spaces when not fully occupied.
- Specification of fully automated temperature controls system to provide centralized monitoring and control of mechanical equipment for maximum energy savings and system optimization.
- Engineered lighting levels to exceed ASHRAE 90.1-1999 using the most efficient lamp and fixture combinations.

The Project Team has achieved a LEED™ Gold rating.

LEED Project Experience:

- Felician Sisters Motherhouse (Gold)
- Three Rivers Rowing Association Boat Storage & Maintenance Building (Certified)
- Carnegie Mellon University Henderson House Renovations (Silver)
- Carnegie Mellon University Posner Conference Center Rare Books Room (Certified)
- Pittsburgh Children's Museum Renovation & Expansion (Silver)
- Regional Learning Alliance at Cranberry Woods (Silver)
- Berkeley County Board of Education New Spring Mills Primary School (Silver)
- Canaan Valley Institute New Headquarters/Education Building (Certified)
- Department of Energy Morgantown Record Storage (Gold)

The following projects were designed in accordance with the LEED rating system, but ultimately did not pursue a LEED certification:

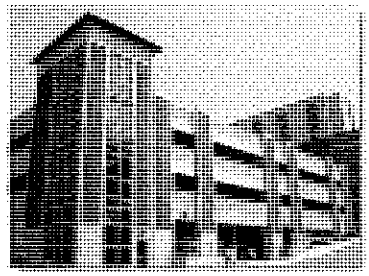
- Millcreek School District J.S. Wilson Middle
- Corry School District New Elementary School
- Holy Sepulcher Parish New Church
- National Guard Stryker Center
- North Hills School District McIntyre & Highcliff Elementary Schools
- Pine Richland School District New Upper Elementary School
- Pine Township Recreation Center
- Pittsburgh Children's Home
- Sisters of St. Joseph New Office Building
- Southwest Butler County YMCA (Cranberry)
- Upper St. Clair Community Center
- Watson Institute, Craig Academy

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.

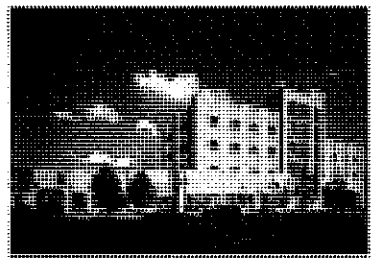
Thoroughly familiar with current government and military standards, our firm has provided engineering services for the following government-owned facilities:

Federal Government

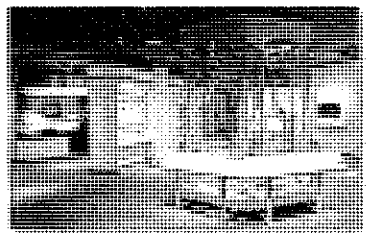
William S. Moorhead Federal Office Building, PA
Department of Labor Job Corps Center, PA
Butler VA Hospital, PA
Department of Labor Job Corps Medical Center, PA.
Army Corps of Engineers Lab, PA
Army Corps of Engineers Neville Island, PA
National Guard Readiness Center Connellsville, PA
National Guard 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



New Fairmont, WV Parking Garage



Mt. Lebanon, PA Transportation Center



PA Capitol Welcome Center

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

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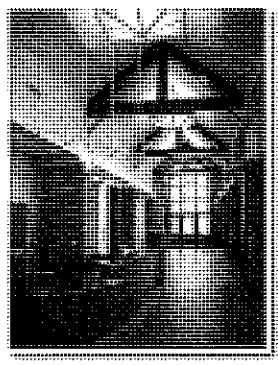
Government-Owned Facilities

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

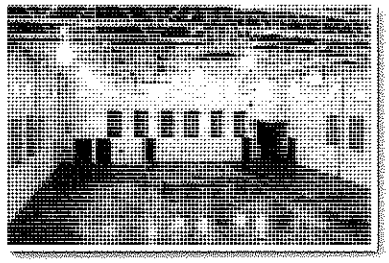
United States Postal Service

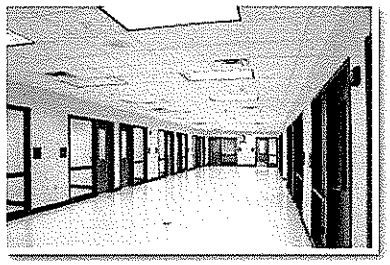
McKnight Road, Pittsburgh, PA
Clairton, PA
Monongahela, PA
Northside, Pittsburgh, PA
Grant Street, Pittsburgh, PA
Rochester, PA
Bulk Mail Handling Facility, Pittsburgh, PA
Open Ended Services Agreement, PA and WV

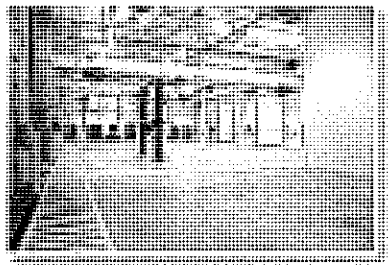


Project Example

Pennsylvania Army National Guard
Stryker Brigade Combat Team
Readiness Center & OMS
Cambridge Springs, Pennsylvania



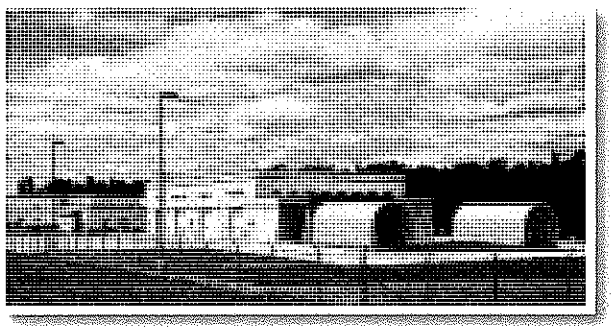




Tower Engineering provided engineering services for the design/build of a new 69,900 s.f. Readiness Center and 19,800 s.f. Organizational Maintenance Shop (OMS) for the Stryker Brigade Combat Team. These facilities will provide spaces for training and housing of troops, as well as storage and maintenance of military vehicles and equipment. The center was constructed to replace outdated armories in Erie, Corry and Meadville.

Sustainable design features were included in the design and construction of these facilities, with a goal of a SPiRiT rating of Gold. Design requirements included Anti-Terrorism/Force Protection (AT/FP).

Construction costs were $19.6 million. This project was completed in 2008.



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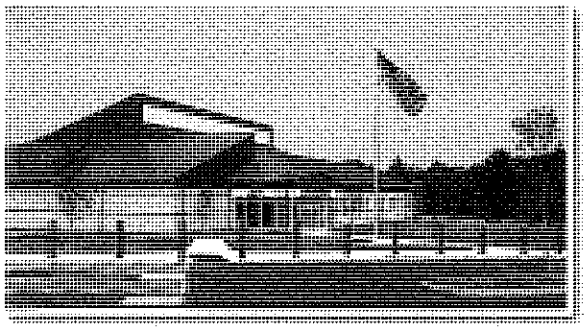
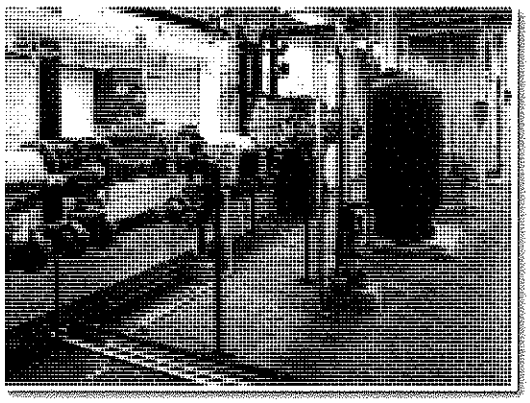
Facilities for the Armed Forces

Project Example

Pennsylvania National Guard Readiness Center
Connellsville, Pennsylvania



Tower Engineering recently provided mechanical/electrical engineering services for construction of a new 23,017 square foot armory at the Pennsylvania National Guard Readiness Center in Connellsville, Pennsylvania. This specially designed facility of permanent masonry type construction is constructed of brick and concrete block units with concrete floors, and a metal standing seam roof, including a one-story structure with mechanical and electrical equipment. The building contains offices, drill hall, classrooms, locker rooms, kitchen, toilets, storage, arms vault, Abrams Full-Crew Interactive Simulation Training ALIST Simulation Room, and maintenance training workbays. Cost effective energy conserving features were incorporated into the design, including energy management control systems and high efficiency motors, lighting, and HVAC systems. Construction of this new Armory was completed in 2005. Total construction costs were $4.1million; mechanical/electrical construction costs were $1.1 million



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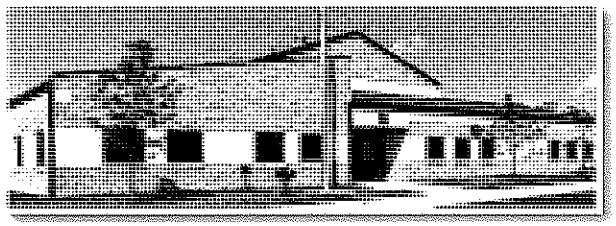
Facilities for the Armed Forces

Project Example

U.S. Army Reserve Centers
Jane Lew, West Virginia and
Clarksburg, West Virginia



Tower Engineering provided engineering services for the U.S. Army Reserve Training Center in Jane Lew, West Virginia. The Center provides a suitable facility for weekend and other intermittent training exercises of the Army Reserve. At 7,400 square feet, the facility includes offices, a large Assembly area, a full service Kitchen, Arms Storage, and supporting storage and mechanical areas.

A separate Organizational Maintenance Shop Building (OMS) provides an enclosed garage area for maintenance operations on the various vehicles, an office, and tools and parts storage.

Tower Engineering also provided mechanical and electrical consulting engineering services for the construction of an 16,120 s.f. Training Building and 10,168 s.f. Organizational Maintenance Shop at the U.S. Army Reserve Center in Clarksburg, West Virginia.

These facilities, as well as the buildings at Jane Lew, West Virginia, were designed in accordance with the U.S. Army Corps of Engineers' "Architectural and Engineering Instructions, Design Criteria."

Facilities for the Armed Forces

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THOMAS J. GORSKI, P.E., LEED™ AP

Principal, President
Mechanical Engineering Department Head

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

Mr. Gorski has twenty-seven (27) years of experience as a mechanical engineer. His 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:

Pennsylvania Army National Guard, Connellsville, Pennsylvania
New Readiness Center

U.S. Army Reserve Center, Jane Lew, West Virginia
Readiness Center and Organizational Maintenance Shop Building

Stryker Brigade Combat Team, Cambridge Springs, Pennsylvania
Readiness Center & OMS

Municipality of Monroeville, Pennsylvania
New Municipal Center

Penn Township, Butler County, Pennsylvania
Penn Township Municipal Buildings Renovation/Addition

Ross Township, Pennsylvania
New Municipal Complex

Marshall Township, Pennsylvania
Municipal Building Renovation
Public Works Building Addition/Renovation

VA Pittsburgh HealthCare Services, Pittsburgh, Pennsylvania
New Parking Garage

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ENGINEERING

STEFFANIE BAKO, P.E., LEED™ AP

Firm Associate
Senior Project Manager, Electrical Engineering

EDUCATION

Bachelor of Science
Electrical Engineering
Case Western Reserve University
1997

REGISTRATION

PE, Pennsylvania
PE-061041
2003

LEED™ Accredited Professional
2009

AFFILIATION

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

Ms. Bako has twelve (12) years of experience in the electrical engineering field. She has designed electrical systems and their components for office buildings, health care facilities, schools, commercial, and light industrial facilities. Ms. Bako has design experience in several areas including power distribution, lighting, security, A/V, and fire alarm systems.

Ms. Bako is primarily responsible for preparation of electrical estimates, technical specifications, engineering drawings, field observation, and coordination with architectural and other engineering disciplines. She also maintains client contacts and manages projects.

REPRESENTATIVE EXPERIENCE

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

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

Mollohan Building, Fairmont, West Virginia
Tenant Fitup

Cranberry Woods, Cranberry Township, Pennsylvania
Multiple Tenant Fitups and Base Building Systems

Canaan Valley Institute, Davis, West Virginia
New Headquarters/Educational Building

Classified Client & Project Details, Rocket Center, WV
Multiple Projects

Massey Coal Services, Inc., Boone County, WV
New Office Building

US Steel Tower, Pittsburgh, PA
42 Floor Renovations; 31st and 32nd Floors Renovations

City of Fairmont, Fairmont, West Virginia
Public Safety Building Renovation

International Coal Group, Scott Depot, West Virginia
New Corporate Headquarters

TOWER
ENGINEERING

MICHAEL S. PLUMMER, P.E., C.I.P.E., LEED[tm] AP

Firm Associate
Plumbing & Fire Protection Engineering Department Head

EDUCATION

Bachelor Mechanical Engineering
Penn State University
1997

REGISTRATION

PE, Pennsylvania
PE-062304, 2003

Certified in Plumbing
Engineering (CIPE), 1998

LEED™ Accredited Professional
2009

With twelve (12) years of experience 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

City of Fairmont, Fairmont, West Virginia
Public Safety Building

West Virginia University, Morgantown, West Virginia
Law Building Renovation

PA National Guard Readiness Center, Connellsville, Pennsylvania
New Armory at Readiness Center

Stryker Brigade Combat Team, Cambridge Springs, Pennsylvania
Readiness Center & OMS

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

Erie Municipal Airport Authority
Terminal HVAC Replacement

TOWER
ENGINEERING

Allegheny Design Services

Structural & MEP Engineering

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

CONSULTING ENGINEERING FIRM SPECIALIZING IN STRUCTURAL BUILDING DESIGN AND BUILDING ANALYSIS

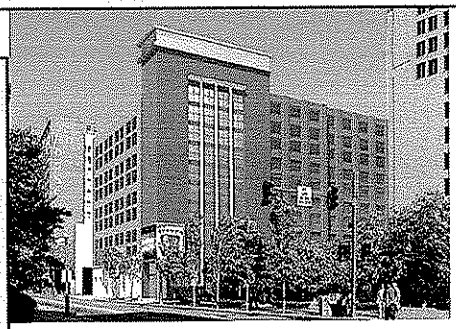
OFFICE BUILDINGS

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

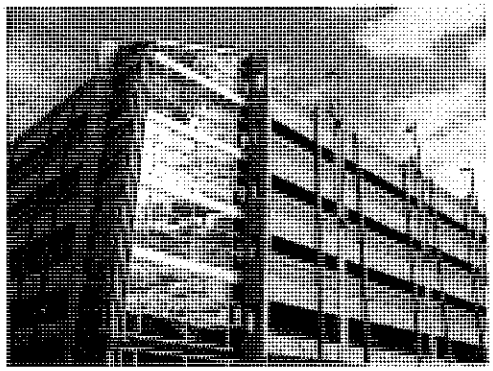
Dedicated to serving West Virginia and the surrounding region, *ADS* recognizes the need for reliable and full service structural engineering support. *ADS* provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction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

Over 20 years in Design and Project Management of:

- Commercial
- Industrial
- Institutional
- Educational Facilities

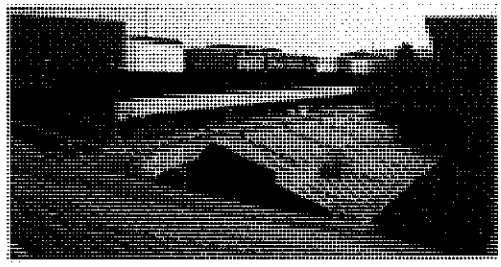


MIXED USE



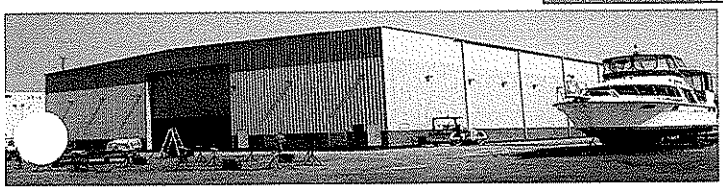
PARKING GARAGES

HOTEL
CONFERENCE CENTERS

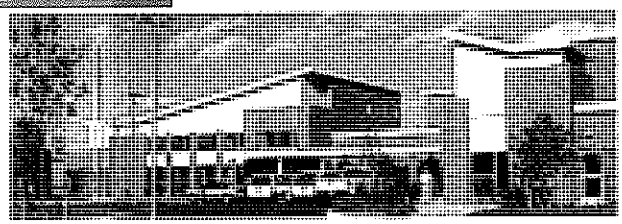


ATHLETIC FACILITIES

SECONDARY EDUCATION



METAL BUILDING SYSTEMS



HEALTH CARE

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

FIRM PROFILE

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

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

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

Commercial Facilities

Industrial Facilities

Institutional Facilities

Educational Facilities

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

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

ADS is covered under a $1 million liability policy for errors and omissions through Travelers C & S Co. of America.

Allegheny
Design Services
Structural & MEP Engineering

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Morgantown, WV 26505
Phone: (304)599-0771
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Web: www.AlleghenyDesign.com

KEY PERSONNEL

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

West Virginia Institute of Technology, BSCE

West Virginia University, MBA

Structural Engineering Certification Board

P.E. Licenses in the following States:

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

National Council of Examiners for Engineering and Surveying

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

West Virginia Institute of Technology, BS Mechanical Engineering

West Virginia University

- Structural Analysis
- Steel Design
- Reinforced Concrete Design

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

West Virginia University, BS Civil Engineering

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Structural & MEP Engineering

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Web: www.AlleghenyDesign.com

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

Education:

West Virginia Institute of Technology
B.S. Civil Engineering

West Virginia University
Masters Business Administration

West Virginia State College
Architectural Technology

Professional Registrations:

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

Professional Memberships:

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

Continuing Education:

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

Professional Experience:

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

Experience Record:

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

Additional Professional Experience:

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

Project experience includes:

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

Allegheny Design Services
Structural & MEP Engineering

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

Jason D. Robinson, E.I.
Engineering Intern

Education:

West Virginia University
B.S. Civil Engineering

Awards/Achievements/Organizations:

Dean's List
Member of AISC
Associate Member of ASCE

Professional Registrations:

West Virginia, Engineering Intern License #8699

Professional Experience:

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

Experience record:

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

Courses and Continuing Education:

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

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Structural & MEP Engineering

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Web: www.AlleghenyDesign.com

Michael L. Sipe, E.I.
Engineering Intern

Education:

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

Awards/Achievements/Organizations:

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

Professional Registrations:

West Virginia, Engineering Intern License # 8519

Professional Experience:

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

Experience record:

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

Courses and Continuing Education:

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

Allegheny Design Services
Structural & MEP Engineering

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

Canaan Valley Institute Headquarters/ Educational Facility

Davis, WV

ADS was a sub-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.

Fairmont AFRC

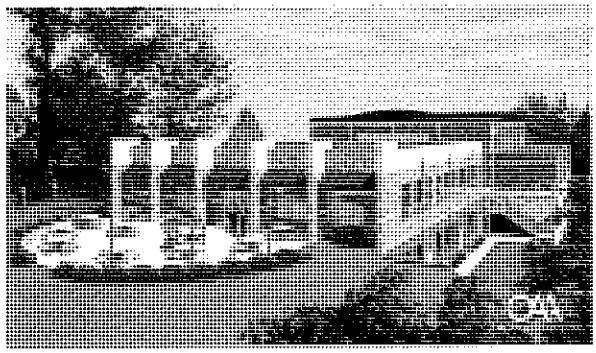
Fairmont, WV

ADS was a sub-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

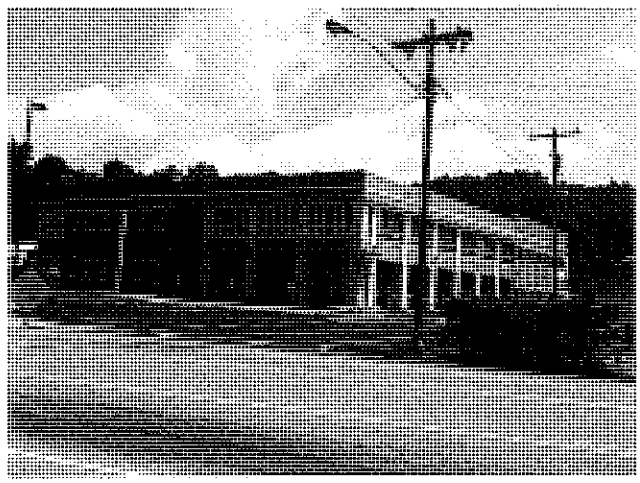
ADS was a sub-consultant to Omni Associates for the Fairmont Senior High School Cafeteria Addition. Completed in 2000, this $2.5 Million addition consists of a cafeteria and mechanical space on the lower level.



Allegheny Design Services
Structural & MEP Engineering

PROJECT PROFILE

GSA Sabraton (USDA)
Morgantown, WV



PROJECT ARCHITECT: Paradigm Architecture, Morgantown, WV
STRUCTURAL ENGINEER: Allegheny Design Services, Morgantown, WV
CONTRACTOR: March-Westin Company, Inc., Morgantown, WV

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

PROJECT VALUE: $6.5 Million (Shell)

ESTIMATED PROJECT COMPLETION: Fall 2009