



Letter
of
Transmittal

Date: **November 24, 2010** Omni Project # **DNRB11044** Project Name: **WVDNR**

To:
Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, WV 25305-0130

For Your...

☐ Use ☐ Approval ☐ Record ☒ Bid Due 12/01/2010

The Following ...

☐ Drawings ☐ Change Order ☐ Specifications
☐ Contract ☐ Application for Payment ☐ Electronic Media (Disk/ CD/ Other)
☐ Shop Drawings ☒ Proposal ☐ <specify other>

Enclosures

Ref. #	Total Each	Description
1	1	Original Expression of Interest
2	3	Copies
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Remarks:

RECEIVED
2010 NOV 29 AM 11:53
WV PURCHASING
DIVISION

If enclosures are not as noted, please inform us immediately.

The Omni Associates – Architects, Inc.
1543 Fairmont Avenue, Suite 201
Fairmont, West Virginia 26554-2175

Issued By:

Angela Hammond (Voice) 304.367.1417

cc:

The Omni Associates – Architects
1543 Fairmont Avenue Suite 201
Fairmont, WV 26554-2175
(Voice) 304.367.1417
(Facsimile) 304.367.1418

www.omniassociates.com

Established 1980

Member of
The American Institute of
Architects



Omni Associates - Architects

December 1, 2010

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

Re: Proposal for Architectural and Engineering Services
Buyer: 44 – Frank Whittaker
Req#: DNRB11044
Opening Date: 12/1/2010
Opening Time: 1:30 PM

Dear Mr. Whittaker:

Omni Associates-Architects, Inc. is pleased to submit our Proposal to the State of West Virginia Department of Administration for architectural and engineering design services for the design, construction, or specification of improvements to certain buildings at **Hawks Nest** and **Twin Falls Resort State Park** and the Recreation Building at **Pipestem Resort State Park**. It is always a pleasure to work on special projects within our State. We recognize the importance of this project to the State of West Virginia, and we would enjoy the opportunity to help you realize your project on time and within budget.

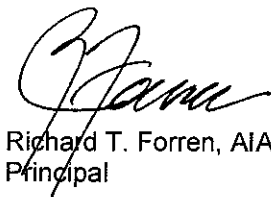
The design team you select will be one that will work with you over the upcoming years. I am pleased to include **Allegheny Design Services, Terradon Corporation, and Tower Engineering** in our specialized design team. Omni has collaborated with these consultants on a number of projects in the past. We present a proven team that listens, produces a quality product, and provides professionalism and attention to detail from the first sketch to the finished project.

Omni Associates recently completed the lodge expansion at Twin Falls Resort State Park with Terradon and Tower Engineering. The project included additional guest rooms, an indoor pool, hot tub, and fitness center, renovations of the lobby and conference room, parking expansion, and an outdoor courtyard. Our directly related work also consists of a feasibility study for the expansion of the McKeever Lodge and cabins at Pipestem Resort State Park. Other relevant experience includes projects at Canaan Valley Resort State Park, Bluestone Resort State Park, and Snowshoe Mountain Resort.

Our extensive and diverse experience in resort and recreation design clearly separates us from our competitors, and we are confident that our project experience, together with our innovative design concepts, will be an invaluable benefit to the **West Virginia Division of Natural Resources Parks and Recreation Section**.

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

Best regards,
OMNI ASSOCIATES – ARCHITECTS, INC.



Richard T. Forren, AIA, NCARB
Principal



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

Request for Quotation

RFQ NUMBER

DNRB11044

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF

FRANK WHITTAKER
304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

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

DIVISION OF NATURAL RESOURCES
PARKS & RECREATION SECTION

324 4TH AVENUE
SOUTH CHARLESTON, WV
25303-1228 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
10/27/2010				

BID OPENING DATE:

12/01/2010

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXPRESSION OF INTEREST (EOI)						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING EXPRESSIONS OF INTEREST TO PROVIDE ARCHITECTURAL AND ENGINEERING SERVICES FOR DESIGN, CONSTRUCT OR SPECIFY IMPROVEMENTS TO CERTAIN BUILDINGS AT HAWKS NEST, TWIN FALLS, AND PIPESTEM STATE PARKS PER THE ATTACHED.						
ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 11/08/10 AT 4:00 PM. THE TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.						
EXHIBIT 10						
REQUISITION NO.:						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304-367-1417	12/01/2010
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Principal	55-0747253	

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

RECEIVED

200 DEC -8 A 8:05

PURCHASING DIVISION
STATE OF WV



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

Request for Quotation

RFQ NUMBER
DNRB11044

PAGE
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ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER 304-558-2316

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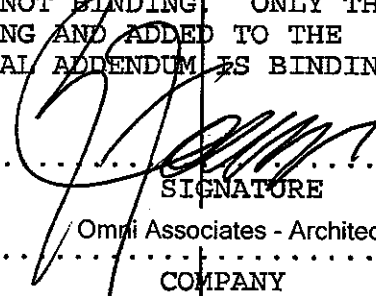
SHIP TO	DIVISION OF NATURAL RESOURCES PARKS & RECREATION SECTION
	324 4TH AVENUE SOUTH CHARLESTON, WV 25303-1228 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
10/27/2010				

BID OPENING DATE:

12/01/2010

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. S:						
NO. 1	X					
NO. 2						
NO. 3						
NO. 4						
NO. 5						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.						
VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.						
						
SIGNATURE						
Omri Associates - Architects, Inc.						
COMPANY						
December 1, 2010						
DATE						
NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEN	ADDRESS CHANGES TO BE NOTED ABOVE

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

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

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

DEFINITIONS:

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

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

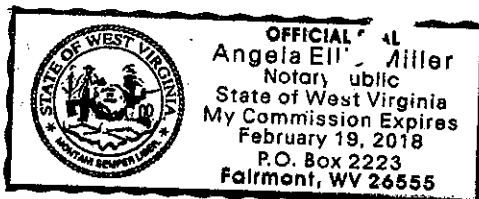
EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a 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 SIGNATUREVendor's Name: Omni Associates - Architects, Inc.Authorized Signature: [Signature] Date: 12/24/10State of West VirginiaCounty of Marion, to-wit:Taken, subscribed, and sworn to before me this 23rd day of November, 2010.My Commission expires February 19, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC

Angela Ellis Miller

WV Division of Natural Resources:
Improvements at Hawks Nest, Twin Falls, and Pipestem

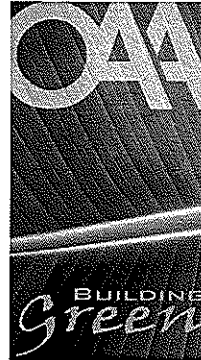
West Virginia Parks and Recreation

Proposal

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

Voice.304.367.1417
Facsimile.304.367.1418

Email: dave@omniassociates.com
World Wide Web: www.omniassociates.com



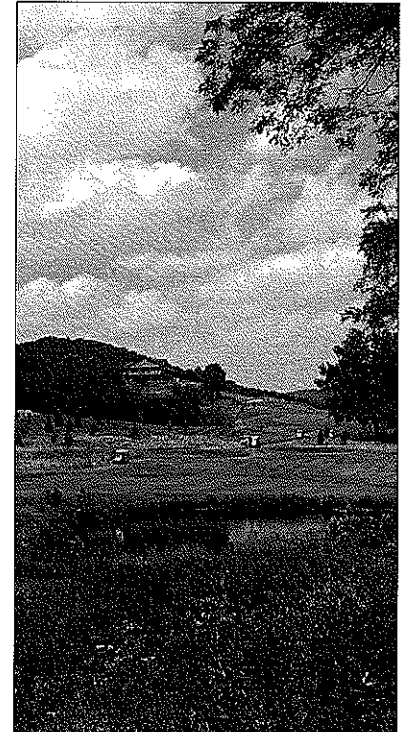
West Virginia
Department of Administration
Purchasing Division

Buyer: Frank Whittaker

RFQ No.: DNRB11044

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**WV Division of Natural Resources:
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Project Understanding, Approach and Plan

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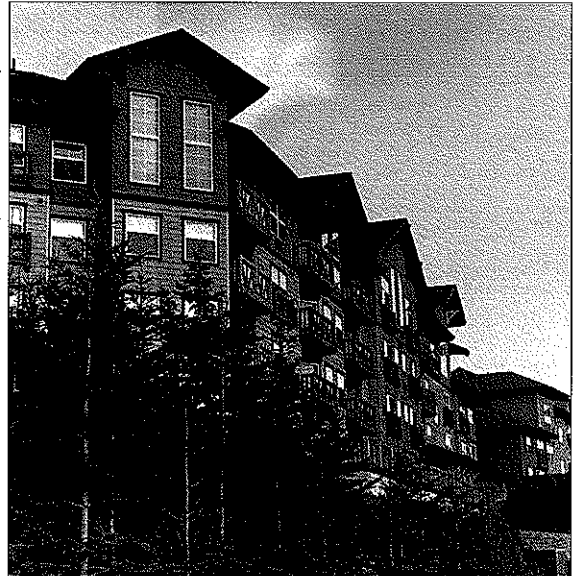
Buyer: Frank Whittaker

RFQ No.: DNRB11044

The architectural firm 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 Division of Natural Resources and users. Our dedicated and experienced staff brings a unique level of ingenuity to every project. Omni Associates – Architects carefully selects our project teams based on each member's ability to add directly-related experience, ensuring our ability to meet the specific challenges and goals of each project.

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

The project team, including the principal-in-charge, actively participates in the project from start to finish. The same professionals who develop an understanding of your needs in programming generate design alternatives, oversee the production of construction documents, and implement the concepts during construction. The consistency afforded by this approach allows us to respond expeditiously and cost effectively to our client's needs.



Your projects shall be unique designs that derive 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 feed-back 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 Associates – Architects, Inc. has a successful history of designing intimately with each client and working out collaborative solutions that meet the goals of the project, resulting in an impressive record of customer satisfaction. We provide clients with the results they value most: innovative designs consistent with the building program, cost effective designs which meet the budget, and efficient management to provide on-time deliverables and completion. We 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, resulting in lasting relationships. That's why we enjoy a repeat client rate of more than 90% - a source of considerable pride.



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WV Division of Natural Resources: Improvements at Hawks Nest, Twin Falls, and Pipestem

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To guarantee a constant level of dedication and commitment, it is our firm's philosophy that a principal remain with the project from commencement to completion. Omni's project approach involves continual communication with the client, its facilities staff, and other involved agencies throughout the life of a project. It is essential that a single individual be intimately involved in every aspect of the process to ensure the client's needs are being met in a timely and cost effective manner. Our fundamental design philosophy is to have the design professional that starts the project continue throughout the entire timeline of the project.

The Architect is a liaison for decisions to and from the owner and the prime coordinator to all consulting engineers and contractors during construction.

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

Many projects that follow a more traditional linear approach eventually suffer from a lack of continuity of ideas. Omni uses a circular approach in which all stakeholders are involved throughout the entire project schedule. This allows everyone to continuously evaluate and make decisions in an ongoing process and avoids reworking design documents, which can lead to loss of time and money. The West Virginia Division of Natural Resources will benefit from this type of organization that manages the flow of information and allows for flexibility during the Project process.

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

It is critical to not jump to conclusions related to the design of the facility. One critical element at the onset of a project is to visit similar facilities. This not only stimulates interactive thought related to the project but it begins to give all members of the team insight as to the expectations of each individual. In addition to visiting similar facilities, we encourage early design charretts involving the entire professional and client team.

From the charretts, we assemble image boards and early conceptual diagrams. The image boards that we produce will begin to define the feel and character of the final project. We have found that the image boards help the entire team start to sense what the project is and can be. Schematic plans derived from your program requirements will follow all the time, keeping in mind the images that were assembled. We will offer alternatives for discussion and from there move through the remainder of the design process. We feel it is critical to keep our clients involved in every aspect of the process.

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



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WV Division of Natural Resources: Improvements at Hawks Nest, Twin Falls, and Pipestem

Technical Competencies

Omni Associates – Architects, Inc. is an award-winning architectural firm located in Fairmont, West Virginia. Since its inception in 1980, OMNI has earned recognition as a specialist in the programming, planning, and design of a wide variety of facilities including hospitality, 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.

BIM: Building Information Modeling

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

In 2006, Omni Associates first considered the transition from traditional CAD software to Autodesk REVIT Building Information Modeling (BIM). We recognized the benefits to both designers and owners of sharing a model among all of the design disciplines: more efficient, cost-effective projects, and an accurate building model that can later assist in energy analysis and building management. Omni implemented the use of BIM (REVIT) as our primary software platform for all projects in 2006. As an authorized BETA software tester for Autodesk, Omni was provided the opportunity to test Autodesk REVIT release 2011 before it was released to the general public.

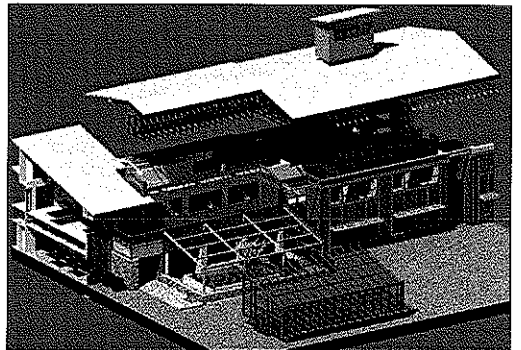
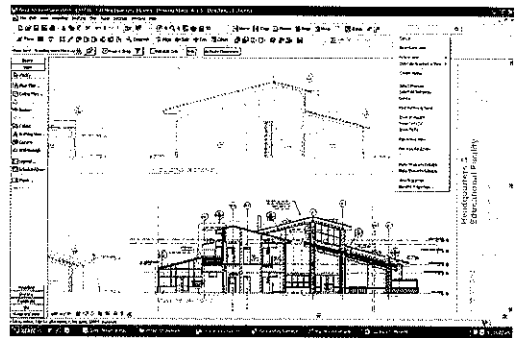
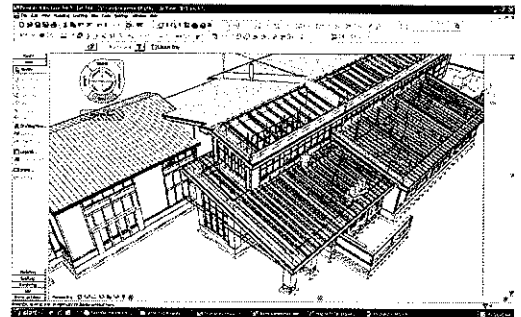
Obviously, using the latest computer software does not guarantee good design. Good design is built upon having a complete understanding of the client's needs and the knowledge & experience to create a space which addresses those needs in an elegant and practical manner. We see BIM as an advanced tool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

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

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



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Electronic Submission of Project Documents

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

Bidding and Construction Administration Services

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

Cost Estimating

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

Time and Budget

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



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Building Code Compliance

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

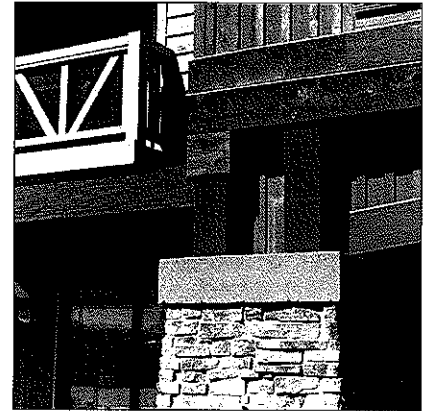
Omni Associates – Architects' design team has developed designs for numerous projects which must comply with State and Federal regulations. Such projects include working with the following Agencies: Federal General Services Administration (GSA); WV General Services Administration; Corps of Engineers;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

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

Owner Involvement Exceeding Clients' Expectations Innovation by Design Recognized Project Success

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

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



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Project Team Qualifications

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 hospitality, healthcare facilities, commercial offices, high technology centers, education facilities, and military facilities.

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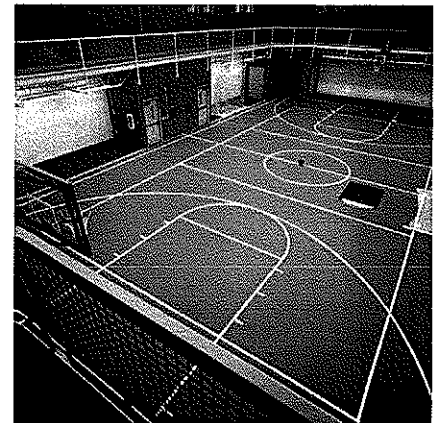
Buyer: Frank Whittaker

RFQ No.: DNRB11044

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 perspectives that enables the design process to conclude with a successful project of which we all can be proud.

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 that contact is immediate. This level of communication is not achieved by long-distance communications and formal meetings. Omni has a history of providing that experience to our clients. Snowshoe Mountain Resort, the West Virginia High Technology Consortium Foundation, Fairmont State University, the City of Fairmont, WVU Hospitals, and Mylan Pharmaceuticals have selected Omni and its consultants for numerous projects and have benefited from our accessibility and "hands-on" approach. The ability to have a local connection with our design team will be a positive coalition.



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 Division of Natural Resources 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, Terradon Corporation, and Tower Engineering.



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Qualifications and Experience of Key Personnel

The following is an introduction to our proposed design team. Firm profiles and resumes for key personnel are provided at the end of this proposal.

Omni Associates – Architects, Inc.

Omni Associates will serve as the lead firm and coordinator of architectural and engineering services for the West Virginia Division of Natural Resources. Omni has extensive experience with the planning, design, and construction administration of recreational and resort projects. We believe that our variety of work, which includes additions and renovations as well as new facilities, sets us apart as the best qualified architectural firm for your project.

Richard T. Forren AIA, NCARB—Project Architect

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. 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 recently completed a 135,000 square foot expansion of Twin Falls Resort. The project included the addition of 30 guest rooms, new guest services and main lobby, and an indoor pool and courtyard. Mr. Forren is also Project Architect for Volcano Island Resort, a new hotel, conference center, and indoor water park in Fairmont, West Virginia estimated at \$87 Million and 415,000 square feet.



As a West Virginia-based firm, we understand that our success is based on our commitment to being responsive.



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WV Division of Natural Resources: Improvements at Hawks Nest, Twin Falls, and Pipestem

West Virginia
Department of Administration
Purchasing Division

Buyer: Frank Whittaker

RFQ No.: DNRB11044

Allegheny Design Services (ADS)

Morgantown, West Virginia

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

David R. Simpson, PE—Structural Engineer

Terradon Corporation

Nitro, West Virginia

Terradon is regarded as one of the region's leading land and infrastructure planning and design firms. The firm has built its reputation by providing cost effective design solutions and maintaining the highest level of customer service. The company was formed in 1989, and its staff includes engineers, landscape architects, surveyors, planners, real estate specialists, environmental scientists, designers, and technicians. Terradon offers a wide range of engineering and environmental services and is particularly suited to land and infrastructure design and development in the mountainous areas of West Virginia.

Robert Thaw, PS—Survey Manager

Timothy T. White, PE—Civil Engineer

Gregory D. Fox, ASLA—Landscape Architect

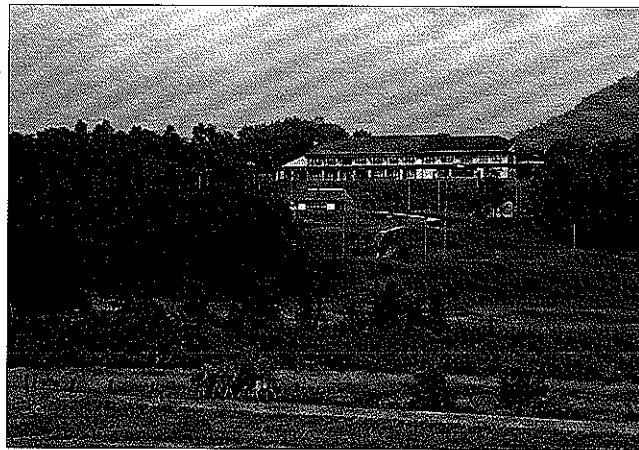
Tower Engineering

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

James N. Kosinski, PE—Mechanical Engineer

T. Steffanie Bako, PE—Electrical Engineer

Christopher W. Clark, PE—Plumbing & Fire Protection Engineer



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WV Division of Natural Resources:
Improvements at Hawks Nest, Twin Falls, and Pipestem

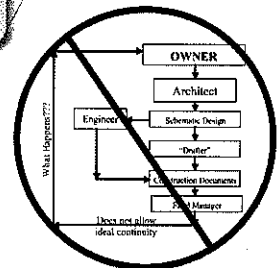
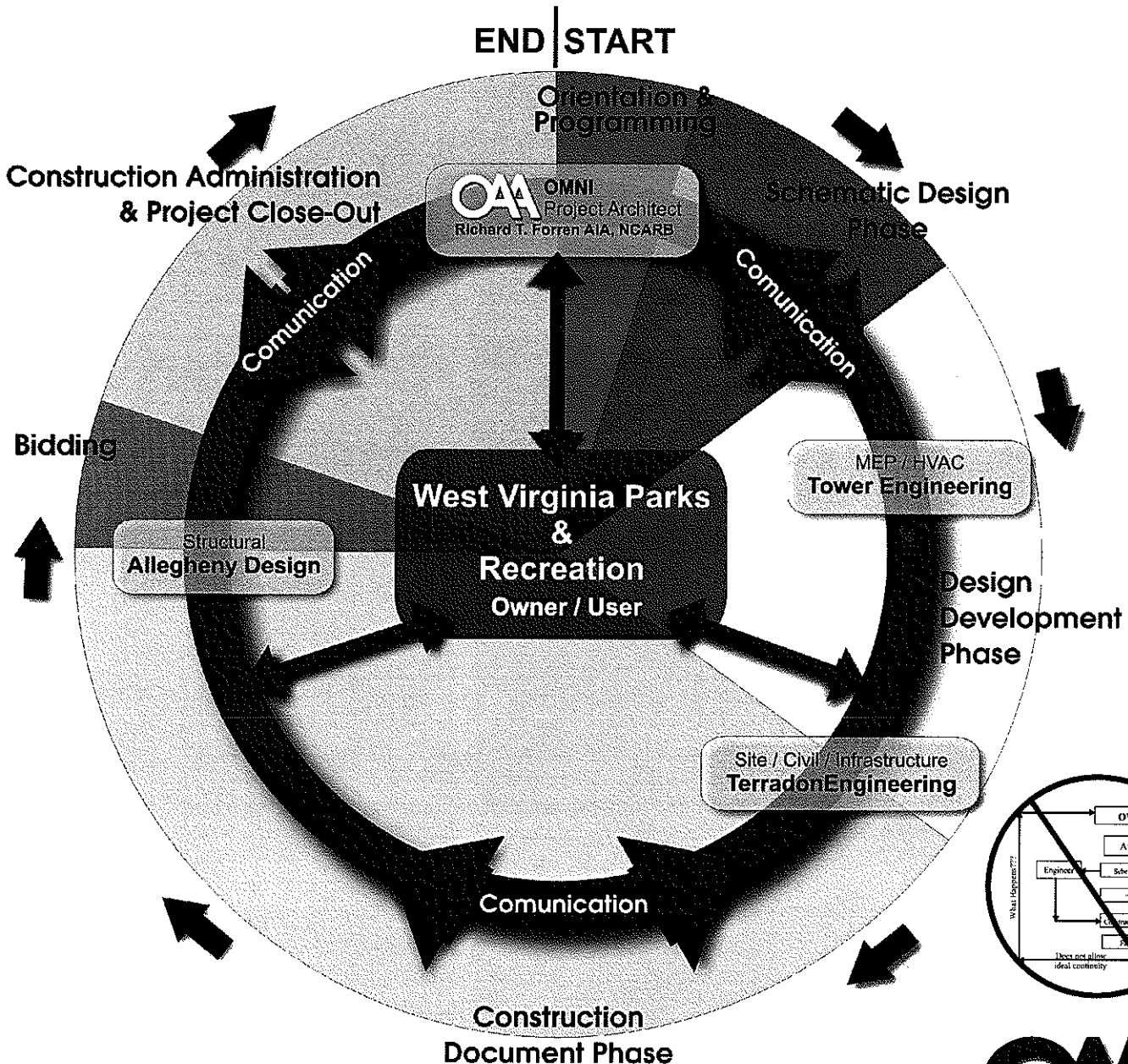
West Virginia
Department of Administration
Purchasing Division

Buyer: Frank Whittaker

RFQ No.: DNRB11044

Organizational Chart

OMNI Collaborative Project Life-Cycle



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**WV Division of Natural Resources:
Improvements at Hawks Nest, Twin Falls, and Pipestem**

Demonstrated Experience

References

Omni Associates realize that our relationship with our client is a vital component in the succession 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.

West Virginia
Department of Administration
Purchasing Division

Buyer: Frank Whittaker

RFQ No.: DNRB11044

Client

Contact

**Division of Natural Resources
WV Parks & Recreation Section**
Capitol Complex, Bldg. 3, Room 714
1900 Kanawha Blvd., East
Charleston, WV 25305-0662

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Chief Engineer
304.558.2764 ext. 273

Canaan Valley Institute
P.O. Box 673
Davis, WV 26260

Mr. Dan Wheeler, Construction Manager
Science & Technology Team
304.463.4739

West Virginia Army National Guard
1707 Coonskin Drive
Charleston, WV 25311-1099

BG Melvin Burch
Div. of Engineering & Facilities, Armory Board
304.561.6450

Allegheny Power
800 Cabin Hill Drive
Greensburg, PA 15601-1689

Ms. Linda Moss
General Manager, Substations
301.790.6413

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

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

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

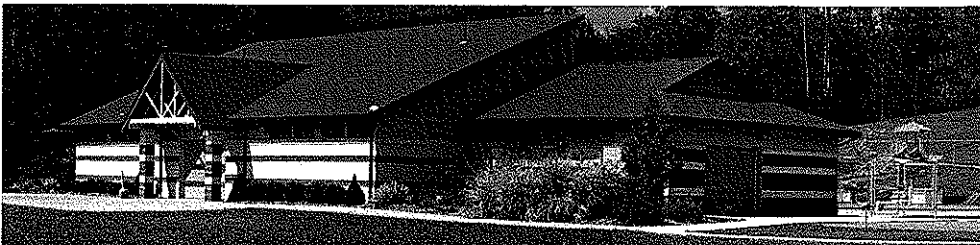
Fairmont State University
Locust Avenue
Fairmont, WV 26554

Mr. James Decker
Assistant Vice President, Physical Plant
304.367.4861



"...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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WV Division of Natural Resources: Improvements at Hawks Nest, Twin Falls, and Pipestem

West Virginia
Department of Administration
Purchasing Division

Buyer: Frank Whittaker

RFQ No.: DNRB11044

Relevant Projects

Our recreational and resort projects experience distance us as the most experienced firm in West Virginia associated with the design of such facilities. The following completed and ongoing projects demonstrate this design team's ability to execute projects relevant to the improvements at Hawks Nest, Twin Falls and Pipestem. More detailed information for each of the projects in bold print can be found on the following pages.

Recreational Facilities, Resort & Lodge Project Experiences:

Twin Falls Resort Lodge Addition and Renovation

Bluestone State Park Pool and Bathhouse

BOPARC Pool & Children's Play Area

BOPARC Recreation Center

Canaan Valley Resort Overnight Units Feasibility Study

Canaan Valley Resort Ski Base Lodge

Canaan Valley Resort Lodge Expansion

Pipestem McKeever Lodge and Cabin Expansion Feasibility Study

Upshur County Curry Property and Recreation Facility Feasibility Study

Shinnston Pool and Bathhouse

Silvercreek Lodge

Snowshoe Aqua Center

Snowshoe Mountain Resort Master Planning

Camp 4 at Snowshoe Mountain Resort

Mountain Lodge and Conference Center at Snowshoe Mountain Resort

Rimfire Lodge at Snowshoe Mountain Resort

Emerald Isle Resort

Healthworks Rehab & Fitness

Volcano Island Resort



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Twin Falls Resort State Park Lodge Addition and Renovations



Twin Falls Resort State Park
Mullens, West Virginia
West Virginia Department of Natural
Resources
Parks and Recreation Division

28,000 Square Foot Expansion
Construction Cost: \$7.3 Million

27 additional rooms
New Guest Services, Main Lobby,
Indoor Pool, Fitness Area, and Courtyard.
Improved Gift Shop and Enlarged Confer-
ence Rooms.

Omni Associates – Architects was selected by the West Virginia Division of Natural Resources Parks and Recreation Division to design a new wing adjoining the Twin Falls Resort State Park lodge. According to Twin Falls State Park Superintendent Scott Durham, the changes at Twin Falls mark the park's maturing and coming into its own. "The architects have done a wonderful job putting together two dramatically different styles and preserving both."

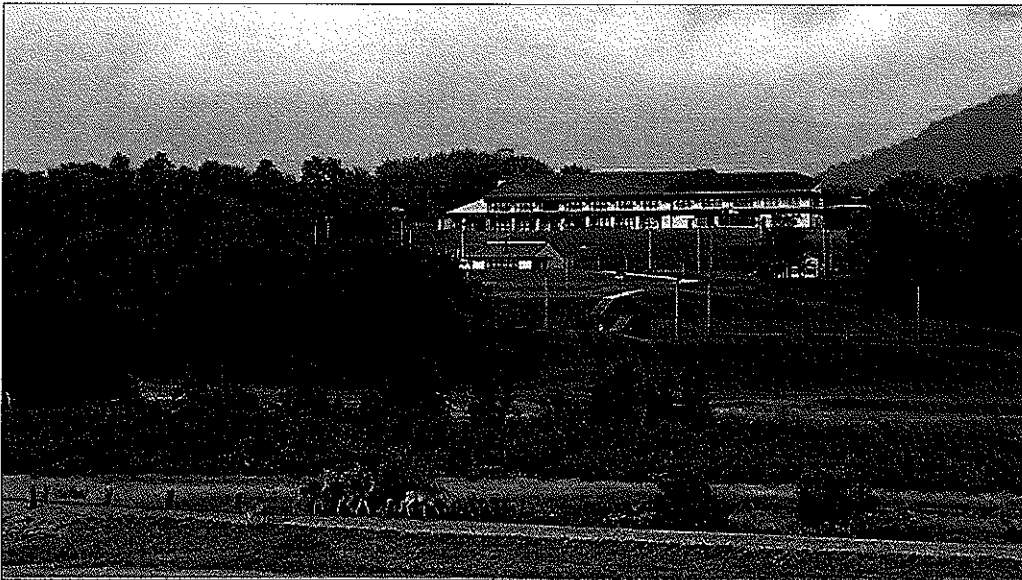
With the expansion project, the guest capacity has more than doubled, from 20 to 47 rooms. Other changes include a new courtyard, a transformed lobby, an indoor pool and fitness area, an improved gift shop, and enlarged conference rooms. Accessibility was also a design consideration. Although the original structure's multitiered steps present an obstacle for some guests, the new wing is fully accessible. The entrance to the new addition is on the same level as the restaurant and primary conference area, and an elevator provides easy access to other floors.

Although the new lodge is different architecturally, Omni Associates aimed to ensure it was compatible with the original. In 1967, Walter Gropius, the father of modern architecture, led The Architects Collaborative (TAC) in the design of the lodges at Twin Falls Resort, Hawks Nest, and Pipestem Resort state parks. The modernist style eliminates ornamentation and uses steel, glass, and concrete. The original Twin Falls lodge has a flat roof and box shape, while the new addition has a more Alpine appearance, with a peaked roof and exposed timbers. The original building was not altered in this expansion, except where the two sections join. Matching brick was used in the new structure for continuity between the two buildings. The original lodge's architectural details, such as railings and windows, harmonize with those elements in the new structure.

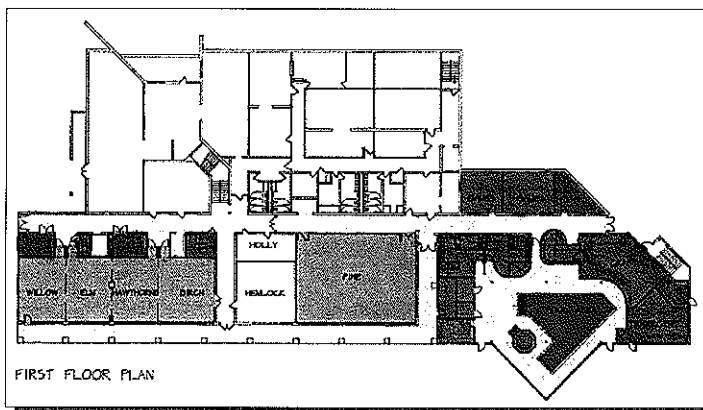
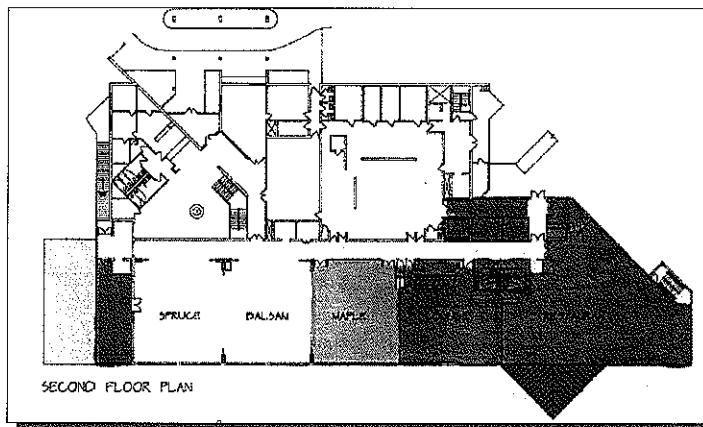
Following the park's tradition of using names from nature to identify its structures, the original Twin Falls lodge is now designated as the Monarch wing, after the state butterfly. The new addition is the Cardinal wing, after the state bird.



Canaan Valley Resort State Park



**Canaan Valley
Resort State Park**
Main Lodge Addition
Davis, West Virginia
Addition: 18,000 SF
Renovation: 9,400 SF



Omni Associates— Architects designed an 18,000 SF two story addition to the Main Lodge at Canaan Valley State Park. The project was a “fast track” design in which portions of the building were under construction while the final design and construction drawings were being completed.

The addition was designed to incorporate a new indoor pool, enlarged restaurant, expanded kitchen facilities, exercise room, game rooms, and additional conference rooms. Sensitivity to the original design of the building as well as maximization of the view of the park was of utmost concern.

The design also included 9,400 SF of renovated space within the existing building while the operation of the Lodge was maintained. Renovations included conference rooms, break-out rooms and lounge.





Ski Base Lodge at Canaan Valley Resort

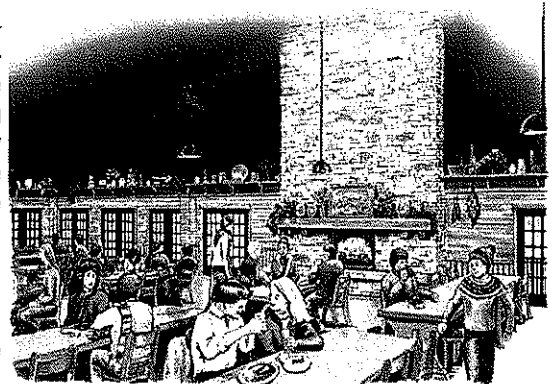


Ski Base Lodge
Canaan Valley Resort State Park
West Virginia
21,000 Square Feet
\$2 million
Park Operated by: Guest Services, Inc.



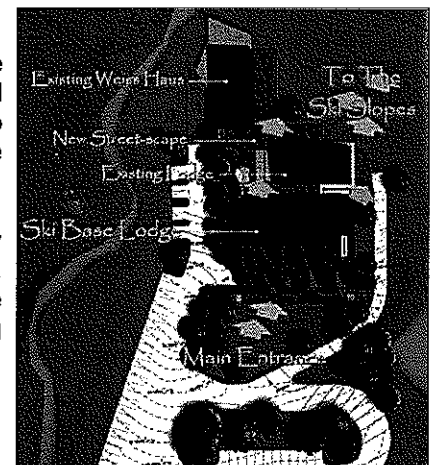
Omni Associates – Architects, Inc. was commissioned to design and administer construction for a new 21,000 square foot ski base lodge to replace two existing facilities at Canaan Valley Resort. Canaan is a state park in West Virginia. The existing facilities, no longer capable of handling the resort's growing requirements, remain in use to accommodate a new slope-side pub, overnight storage, day-use lockers and ski offices. The \$2 million lodge is situated on the site to allow easy access of all three buildings for its guests.

The two-story structure accommodates facilities for Canaan's growing number of guests. The main floor accommodates lift ticket sales, ski and snowboard rental areas, and retail space. The dining area, located on the second floor, can accommodate 500 skiers. Future plans include a deck, located off of the dining area, to act as a gathering area for guests.

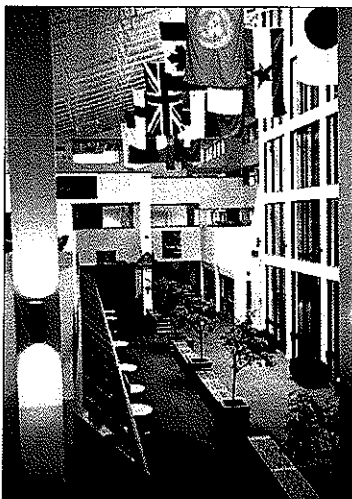


A major goal of the new facility was to create a fluid traffic flow for skiers to enter the main entrance of lodge and allow easily access the slopes. This was accomplished by creating "traffic patterns" for guests solely purchasing lift tickets and those who wish to rent skis or snow boards. A pedestrian area was also created with the placement of the new lodge in relationship to the two existing facilities.

The prefabricated steel structure possesses a "rustic" look, which is emphasized by a variety of building materials. The exterior façade is comprised of a metal roof, stone, and vertical wood shake siding. The dining area also includes a stone fireplace with exposed wood trusses and a vaulted ceiling. A clock tower, housing an interior elevator, is used as a key building design element.



Silver Creek Resort Ski Lodge and Hotel

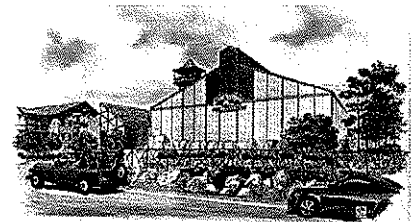
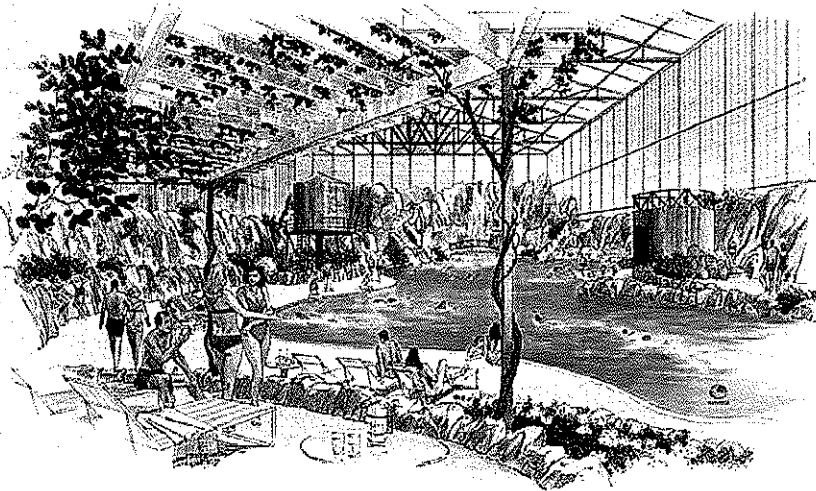
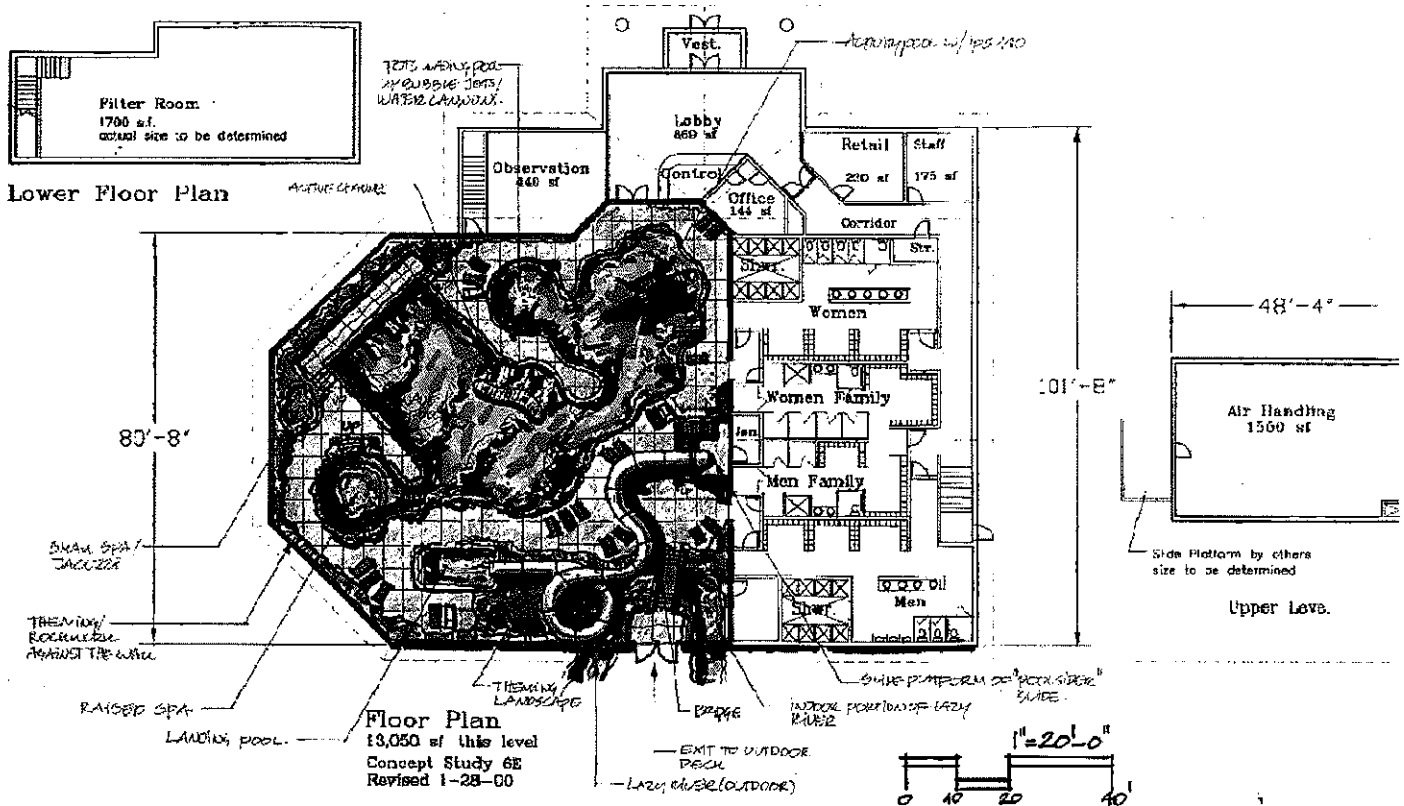


Initial conceptual design by Dan Leuchauer AIA & Associates and a portion of the Silver Creek Facility was started prior to Omni Associates being retained by the FSLIC to assist the facility. Although hampered by lack of adequate funding for the project and extremely tight building schedule, Omni Associates provided services on site 14 hours a day, 7 days a week for completion of the 318,000 square foot facility. Major fore safety and other concerns of the FSLIC were outlined and coordinated by Omni.

**Silver Creek Resort
Ski Lodge and Hotel**
Slatyfork, West Virginia
318,000 Square Feet

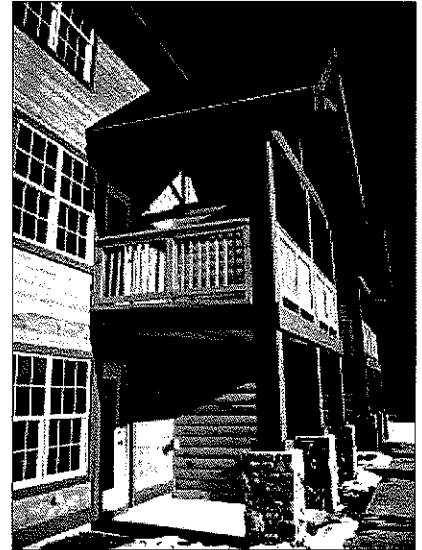


Mountaintop Aqua Center at Snowshoe Mountain Resort



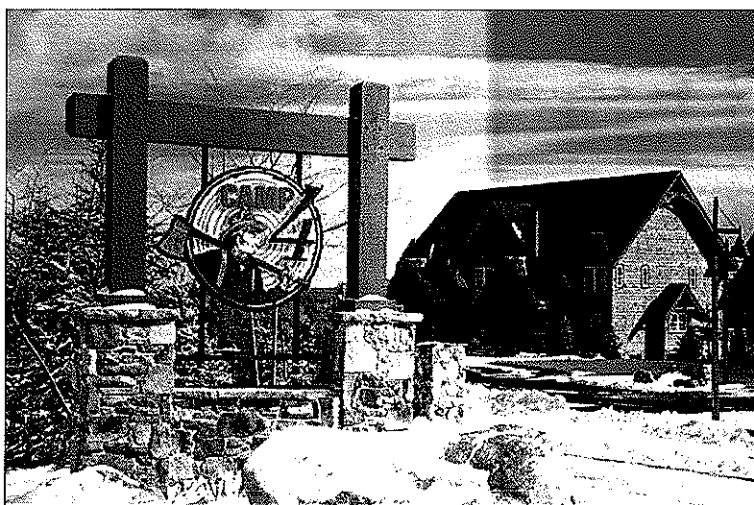
Mountaintop Aqua Center
Conceptual Study
Snowshoe Mountain Resort
Snowshoe, West Virginia

Camp 4 Condominiums at Snowshoe Mountain Resort



Camp 4 Condominiums

Snowshoe Mountain Resort
Snowshoe, West Virginia
One, Two, & Three Bedroom Homes



Intrawest, one of North America's leading resort developers, teamed up with Omni Associates - Architects to design the first real estate offering at Snowshoe Mountain Resort in over a decade.



Camp 4, named in honor of the last logging camp in the Black Run area of Snowshoe, was developed into an exclusive ski-in, ski out community featuring spectacular mountain vistas. All of the three-story buildings in Phase One incorporate rugged architectural elements reminiscent of the old logging camps of the 1900s, such as peeled logs, stone accents, and broad wood beams.

Spacious one, two, and three bedroom homes consist of inviting living areas with fireplaces, stone hearths, contemporary kitchens, pinewood accents and plenty of natural lighting. The three bedroom residences boast a luxurious master suite with a fireplace.



Mountain Conference Center at Snowshoe Mountain Resort



Omni Associates-Architects have worked on a variety of projects at Snowshoe Mountain Resort. One of the first projects was the welcome center at the base of the mountain.

Snowshoe Mountain Resort Mountain Conference Center

Snowshoe, West Virginia

Although the resort consisted of several different and distinct facilities and condominium projects not designed by Omni Associates, the owners relied on Omni to outline and implement a fire safety renovation program for all of the company-owned facilities. Individual home owners associations have retained Omni Associates to outline and implement major weatherization programs due to our knowledge of the local conditions peculiar to the mountaintop climate.

Omni Associates designed the Mountain Conference Center with views to the ski slopes and surrounding countryside. Future condominiums and a base lodge were planned by Omni to expand on what is already one of the state's largest ski resorts.



AIA West Virginia

HONOR AWARD

FOR EXCELLENCE IN
ARCHITECTURE

Rimfire Lodge Snowshoe Mountain Resort

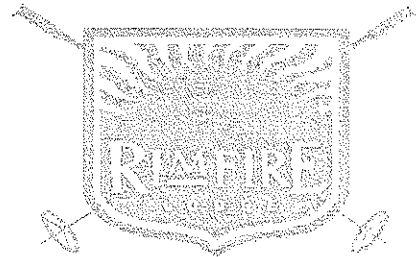


Snowshoe Resort, an Intrawest Development resort property, teamed once again with Omni Associates – Architects for architectural services in connection with Rimfire Lodge, the first phase of the renaissance of Snowshoe Mountain Resort. Omni Associates was the coordinating architect for the sizable staff of professionals stretching from Vancouver, BC to Washington, DC. The 112,00 square foot facility is a hub of activity in the mountaintop village. The rustic center houses retail shopping, bar and nightclubs, and restaurants, as well as luxurious condominiums. It boasts a Beautiful 360-degree view of the scenic West Virginia mountain scheme.

Snowshoe is the largest ski resort in the Mid-Atlantic and Southeastern regions of the United States, with an annual skier visit count that puts the resort in the top five percent of ski areas in North America. Snowshoe/Silver Creek Resort was recently ranked by Snow Country Magazine as one of North America's Top 50 Mountain Resorts. Omni Associates is both excited and appreciative of our involvement with Snowshoe and with such a progressive and aggressive company as Intrawest.

Rimfire Lodge
Snowshoe Mountain Resort
Owner: Intrawest
Snowshoe, West Virginia
112,000 Square Feet
Ray Letkeman (Collaborating Architect)
RLA, Inc., Vancouver, BC

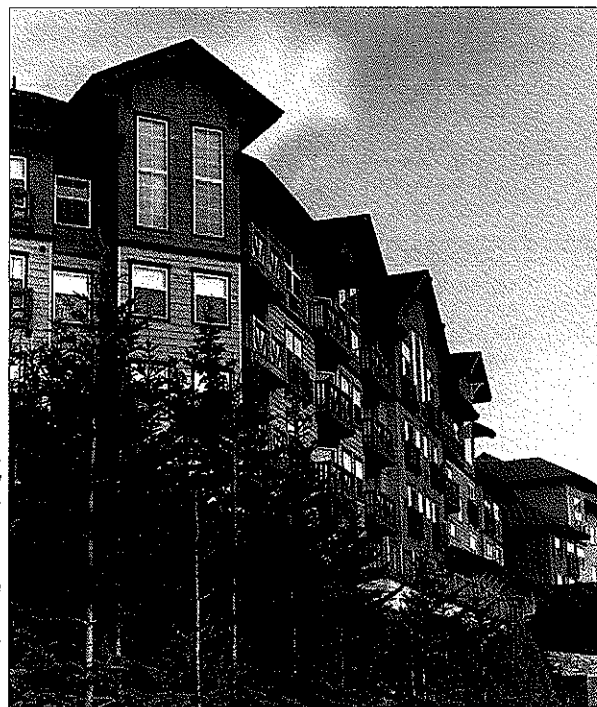
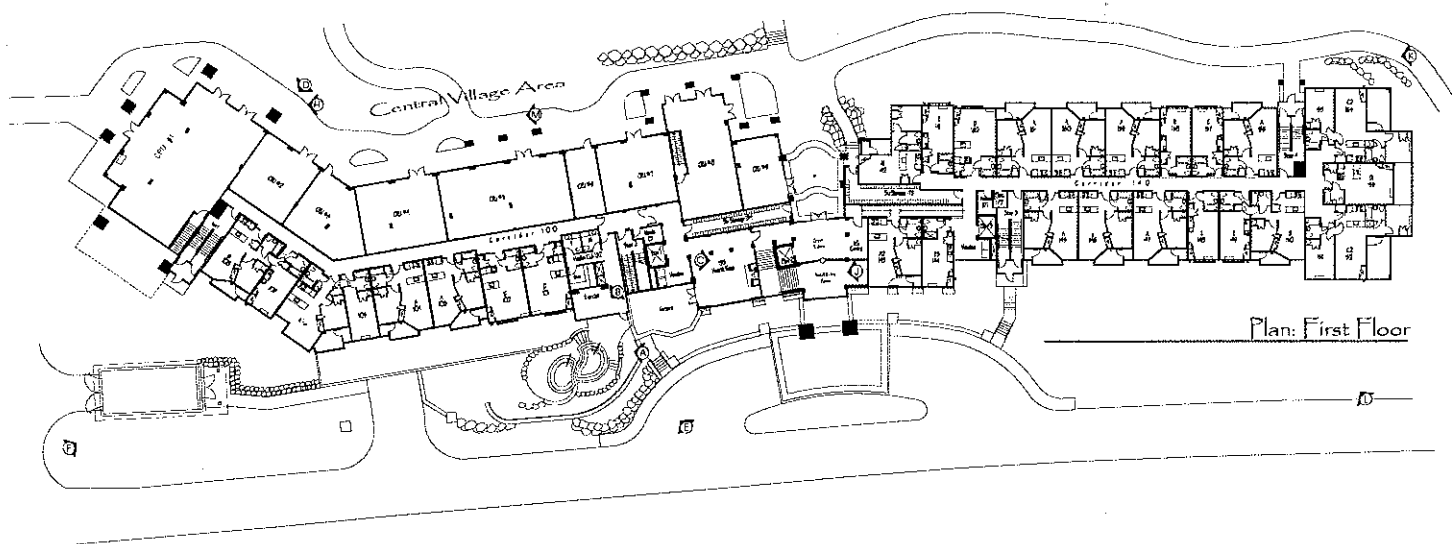
Honor Award
Excellence in Design
West Virginia Society of The American
Institute of Architects



Rimfire Lodge Snowshoe Mountain Resort



Rimfire Lodge Snowshoe Mountain Resort



The Story:

The new Owners of a major mountaintop resort were about to launch a major full-scale real estate adventure. They were in search of a "New Mountaintop Identity" for a resort that had been in and out of bankruptcy for the last 25 years. The new Owners knew they had a major hurdle to overcome with the problematic history the resort had experienced with developers and the real estate market on the mountain. Many of the prior developers had been from coastal areas and from southern states. Consequently, the condominium projects on the mountain had the appearance of "stack-a shacks" seen at the beaches of the East Coast.

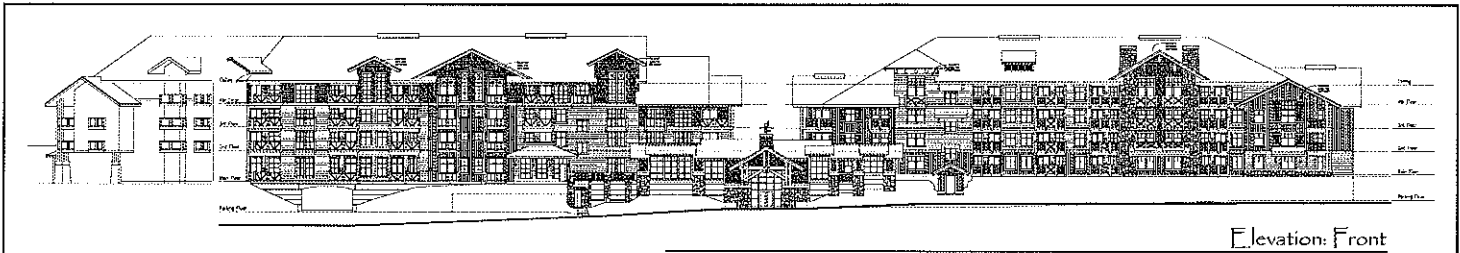
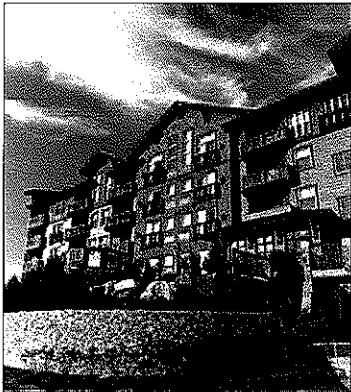
Not only a new image was needed, but also a new concept was essential. The ski market was strong and there were many people, mostly from the Southeast, still coming to the resort for some wintertime recreation. The goal would be to offer more than just winter sports and to be markedly distinct in the new architecture. The Owner wanted a whole new experience presented for total digestion. The existing condominium projects were all stand-alone experiences and spread over a 2-mile stretch of mountain. There was no identity, no sense of arrival and no communal spirit. All that existed were individual buildings totally unrelated to each other.



Rimfire Lodge Snowshoe Mountain Resort

The architecture was to introduce a "New Mountain Style" unlike anything previously seen in this area. It would be the critical introduction of a new Developer and a statement that this developer was a partner and here to stay. It was critical to impart a sense of commitment and permanency. It was to offer the southern buyer a "place in the mountains".

After much analysis and many design charrettes, a concept was initiated to give the mountaintop a central village area that would be a gathering place in both winter and summer. The village would offer a sense of identity and a place of arrival. It would offer commercial space for shopping, gathering, a



place for activity and would also offer real estate for sale within the village proper. People wanted to see activity, a place of their own and to be a part of the activity. The concept would include a series of lodges comprising a village that would appear to be one that had grown over time.

The initial lodge was critical in presenting a concept to the users and buyers. It had to instill the theory of the concept on a small scale until the rest of the village was begun. It was to appear as if it had been built in two different eras. Part of the lodge was to be more rustic and rudimentary in appearance as if built in an earlier time; the other part was to appear as a later addition tied to the old lodge by a connecting lobby. One side of the lodge offered spectacular views to the west. The other side offered a view of the village and its activity. The new lodge was also to be sited to offer protection to the village gathering areas from the ever-present westerly winds and fierce weather.

An economy of construction was necessary due to the real estate price points established. The appearance of the two halves would be differentiated in the details. The success was verified in the volume of real estate sales enjoyed.



Rimfire Lodge Snowshoe Mountain Resort

Rimfire Lodge Snowshoe Mountain Resort / Intrawest

Building Amenities

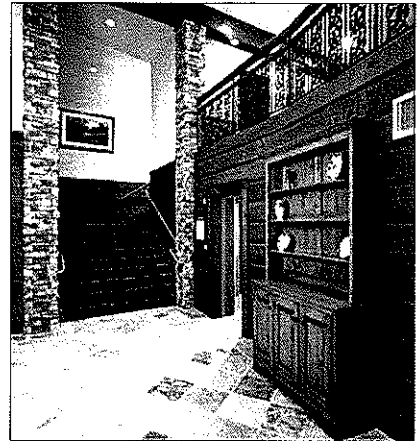
- Located in Ski-in/Ski-out village
- Rustic exterior timber beams & columns
- Private underground parking
- All units have locking owners closet
- Vinyl wall coverings in hallways
- Ski lockers
- Laundry facilities
- "The Basin" - Private hot tubs in landscaped setting
- "Alpenglow" hearth room with rustic stone & wood detailing
- Sprinkler fire protection system throughout building
- Covered decks & patios
- Exterior stone accent & detailing
- Private sauna & workout room
- Wood unit entry doors
- Air-conditioning
- Mountain bike storage

Elegant Interior Features

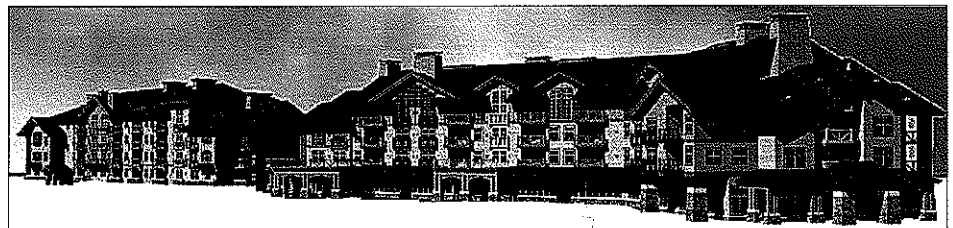
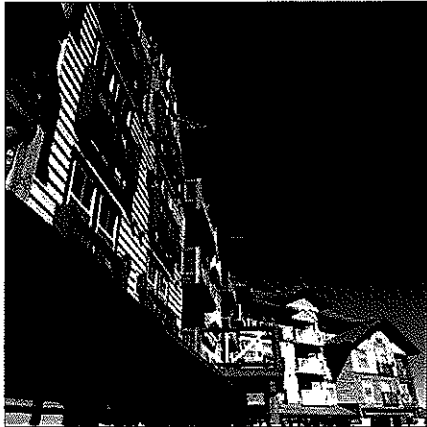
- Natural wood baseboards and window trim bedrooms
 - Knotty pine kitchen cabinets
 - Full size, built-in dishwashers
- Spacious closets with vinyl coated shelving



- Easy care laminate countertops with wood trim
 - Designer pedestal sinks in baths
- 4-burner range with self-cleaning oven in full kitchens
 - Convection-microwave oven in Jr. studio units
- Energy efficient gas fireplaces with solid wood mantel & tile surround
 - Built-in over-the-range microwave
- Raised panel interior doors
- Berber Carpet in living area & Ceramic tile flooring in kitchens & baths
 - Tile backsplash in kitchen
 - G. E. Appliances
- Convenient data port outlets
 - Garbage disposal



Rimfire Lodge Snowshoe Mountain Resort



Emerald Isle Retirement Community



Emerald Isle Retirement Community is designed as an All-Season Resort to accommodate the active retiree. Unfortunately, the funding for this project did not evolve.

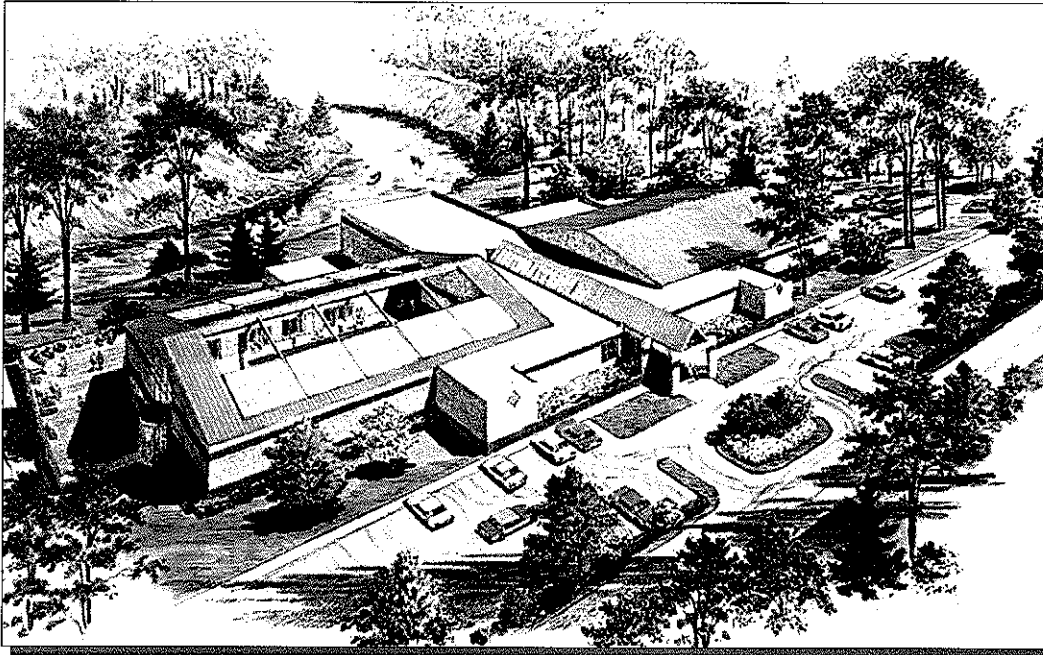
The complex enhances the natural beauty of dunes and vegetation on the southern shores of Emerald Isle, North Carolina. The south facing the beach is the only location along the east coast where you can watch the sun rise and set on the ocean.

The complex was designed in flexibility for expansion. Phase One was to include 100 living units with all the amenities to include Conference Center, Restaurant, Health Club, Spa, Pools, Shops, Recreational Facilities, and a complete security system.

**Emerald Isle
Retirement Community**
Emerald Isle, North Carolina
To be Phased



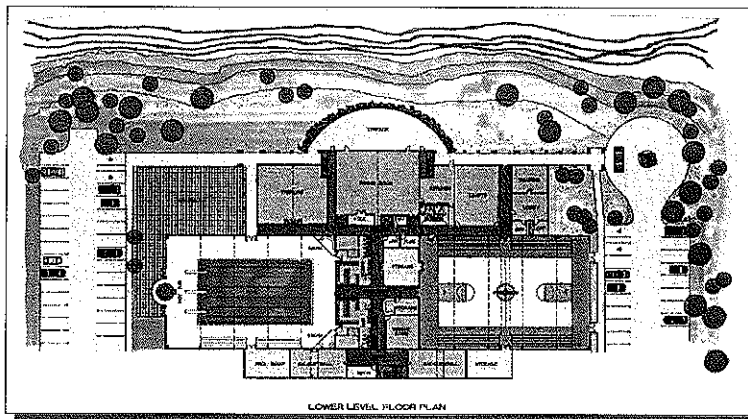
BOPARC Family Recreation Center



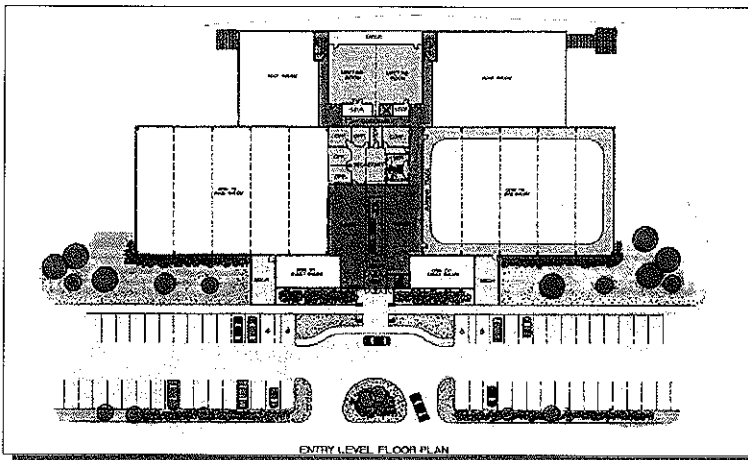
**Board Of Park and Recreation
Family Recreation Center**
Morgantown, West Virginia

Conceptual Study
Existing: 3,600 Square Feet
Addition: 5,600 Square Feet
Morgantown, West Virginia
Lower Floor: 39,900 SF
Entry Floor: 10,640 SF

The Omni Associates designed a multi-use family recreation center on a wooded site in one of BOPARC's existing parks. Being on a sloping site, the main entry is on the upper floor and contains game rooms, meeting rooms and offices.



From the lobby, you can look down into a full size basketball court and an Olympic size swimming pool. The pool area has indoor and outdoor sitting areas. The unique feature of the pool is the retractable roof allowing the sunshine to come inside during good weather

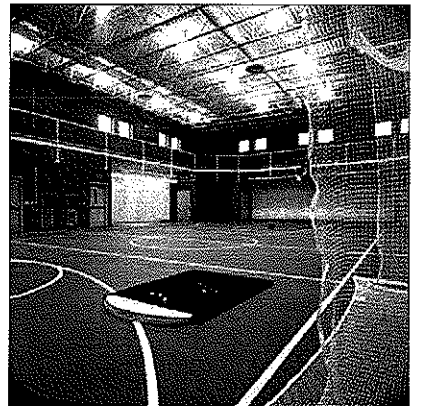
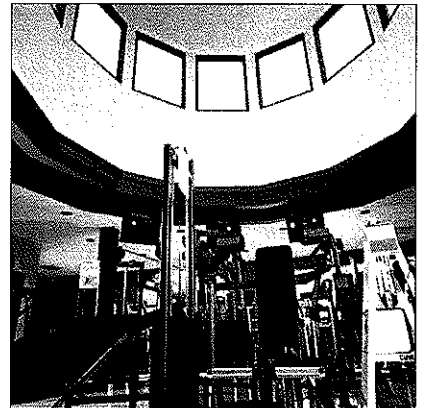
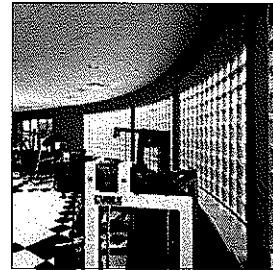


HealthWorks Rehab & Fitness



HealthWorks Rehab & Fitness
Morgantown, West Virginia
37,000 Square Feet

Merit Award
Achievement in Design
American Institute of Architects—
West Virginia

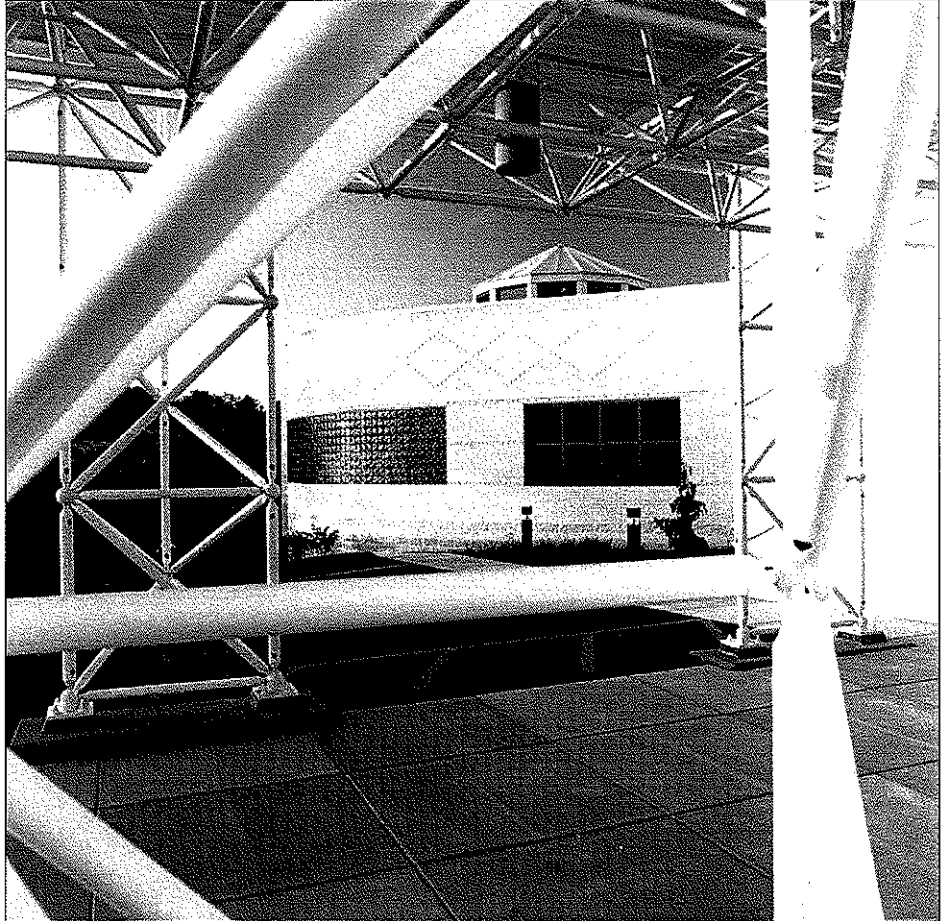
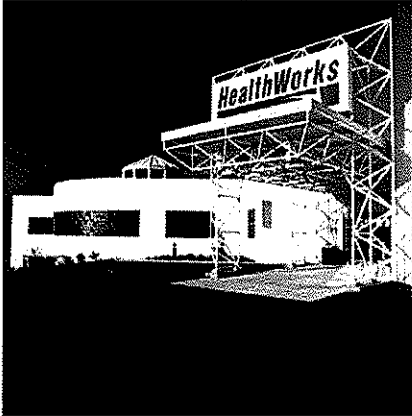


HealthWorks serves four primary areas of physical therapy: Rehabilitation, Occupational Therapy, Sports Medicine and General Wellness. The program, therefore, had to meet the demands of the construction worker, the football player, the fitness addict and the person recovering from surgery. With an adjacent retirement community as well as several hospitals in a residential area, the building serves all from the young to the more mature.

The narrow site dictated that the building be hemmed in between the east and west property lines creating north and south areas for parking usage. The front of the building is beveled to have the entranceway turned to the main avenue at the same angle. This also allows the building signage and space frame canopy to signal the public to the facility that is behind adjacent buildings. In typical West Virginia fashion, the sloping site requires a retaining wall along the eastern side while allowing the west to open up to a two-story section of the building.



HealthWorks Fitness & Rehabilitation Center



The interior is divided into inter-connecting zones to accommodate the various public uses of the program. The control point is organized around the administration area at the entrance. From here the receptionist can direct the type of visit, page therapists, monitor waiting and circulation and obtain scheduling and financial information.

The area directly in front is multiple-use that can be segregated for evening and weekend times when the rest of the facility is closed. The main classroom has an aerobic flooring system and a full-wall mirror. Adjacent is the children's play area so parents can work in the class and bring the kids along. Also attached are lounge and toilets that serve the classroom and the staff area. This flows out to an outdoor area as an extension of the dining space.

The main treatment room serves as a multiple-functioning space. The exercise equipment is for both the wellness users and for the rehab strengthening testing. It was important that daylight be incorporated into the aspect of fitness and wellness. The open clerestory over the exercise room floods the room with daylight and forms a center with which to surround the equipment in the space. It has a perimeter bulkhead that holds suspended monitors so people can watch TV programming or instructional videos.



HealthWorks Fitness & Rehabilitation Center

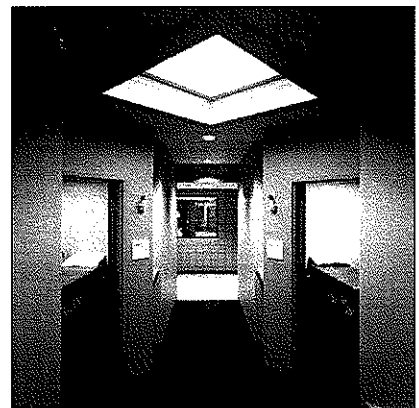


Hydrotherapy incorporates traditional whirlpool tubs and two in-ground pools. The deep pool is for laps and water jogging and the shallow one for water aerobics and mobility training. The pool also introduces daylight with the star-shaped glass block windows that peek above the retaining wall.

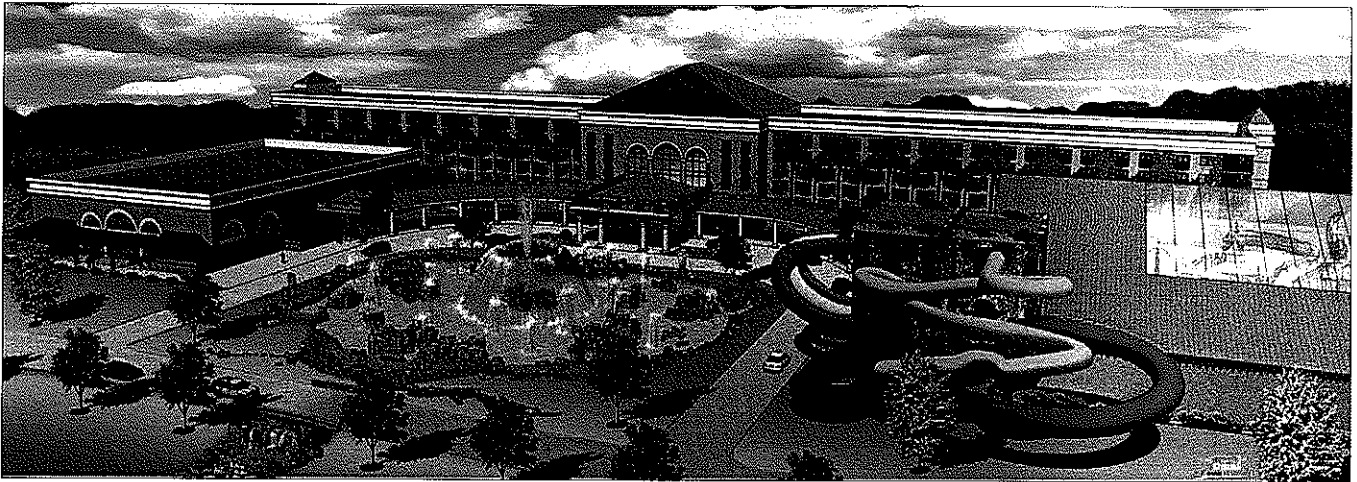
The training gym is used for sports medicine rehabilitation so athletes can test their ability after therapy training. An upper-level walking track allows others to use the space while the floor is occupied. High set windows again bring daylight into the space and provide a visual release for the track users.

Occupational therapy is performed in the hand therapy area and the work hardening room. The work hardening room can be modified to simulate construction activities, warehouse utilization or any work environment use to assist in the rehabilitation of a work-related injury.

The exterior massing wraps around the interior program spaces. The detailing is traditional tripartite layering with a contemporary expression using the white masonry, glass block and tracery cornice work. The space frame canopy is an indicator of the tubular steel equipment inside and is visible from the interior as well. Glass block also becomes a reference in various interior details at the pool, the waiting surround and the treatment room.



Volcano Island Resort



Volcano Island Indoor Water Park Resort and Conference Center is located in Fairmont, WV overlooking the Monongahela River valley.

Volcano Island Resort
Fairmont WV
\$87 million
Square Footage: 415,000

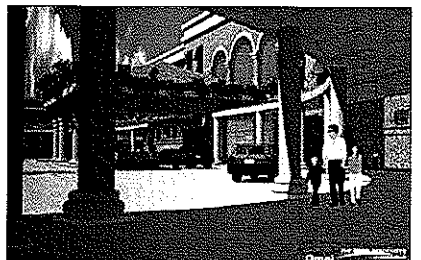
The resort will be the most innovative, full service and inclusive resort in the area. With 300 suite style rooms, upscale and family restaurants, lounges, over 30,000 square feet of meeting and conference space featuring the areas largest most elegant ballroom, Volcano Island has something for everyone. The 50,000 sq ft indoor water park will showcase several slides to include a family raft ride and a water coaster. For the adventuresome, try your hand at surfing on the Flow Rider. During the summer season enjoy time at the "beach" alongside our outdoor wave pool or a float around the "endless" lazy river.

Hotel: 300 Suite Style Rooms
Conference Center: 30,000 Square Feet
Indoor Water Park: 50,000 Square Feet

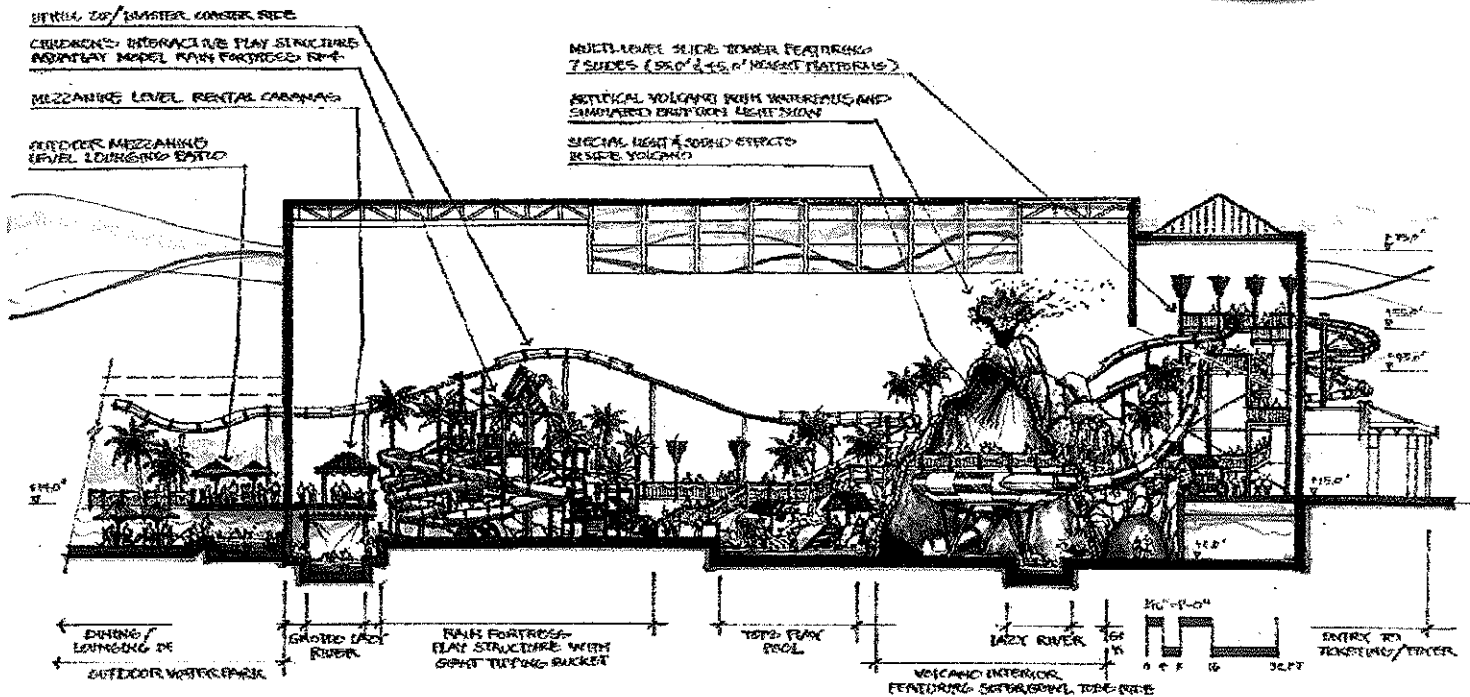
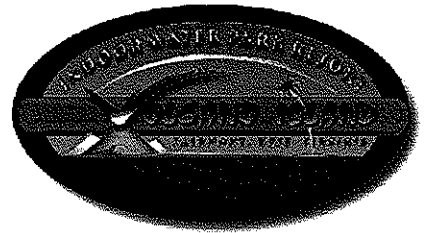
The conference center at Volcano Island Resort will feature over 30,000 sq ft of state of the art meeting and conference space. The Grand Ballroom will be the areas largest, accommodating up to 1,000 guests making it the perfect place for, conferences, social galas, weddings and fund raisers. A second ballroom will accommodate gatherings of up to 300 guests. Meeting planners will enjoy the ample and flexible breakout space featured in the conference center.



Connected to the conference center is 300 suites and Volcano Island Indoor Water Park Resort featuring over 50,000 sq ft of indoor water fun. After a long day of meetings your guests can enjoy a fantastic meal at one of the restaurants, relax in the lounge or spend time with their family at the year round indoor water park. [Source: <http://www.volcanoislandresort.com>]



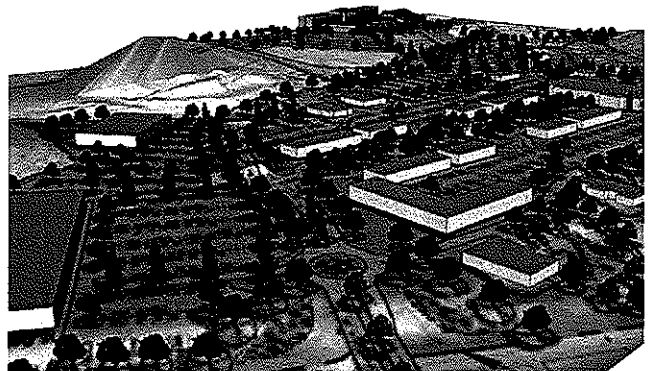
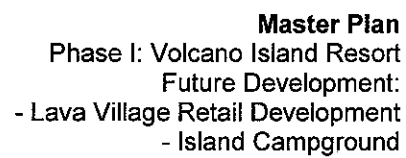
Volcano Island Resort



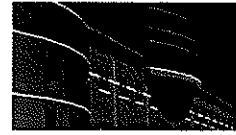
Features of the indoor/outdoor water park include:

- More than 50,000-square-feet of indoor aquatics areas open year round.
- Environmentally controlled air temperature is 86 degrees and water temperature of 84 degrees.
- 12 water slides designed for all ages.
- A flow-rider wave-making surf machine.
- A state-of-the-art water roller coaster that travels throughout the water park.
- A bowl slide enclosed in an erupting volcano.
- An endless river with an adventure zone and multiple water features.
- A themed multi-level tree house with a 1,000-gallon tipping bucket.
- Children's splash 'n play area.
- Activity pool and an indoor/outdoor whirlpool.



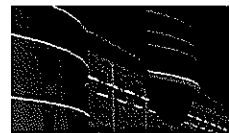
**OAA**

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

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.

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



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

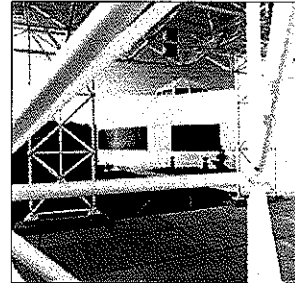
Omni has worked on "fast-track" and "multiple-prime" contract projects to achieve an accelerated building construction time schedule. We prepare construction drawings in stages and bid these "parts" of the total building program so construction can be ongoing as the next phase is programmed and designed. 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

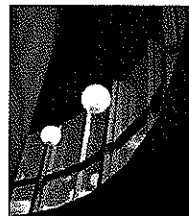
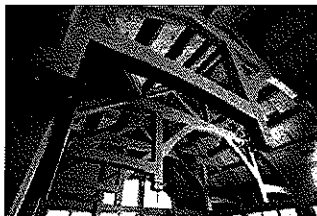
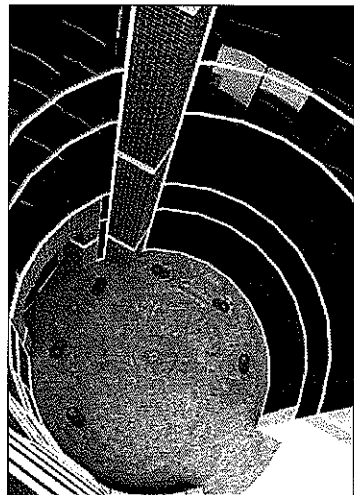
Facility Management
Services

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

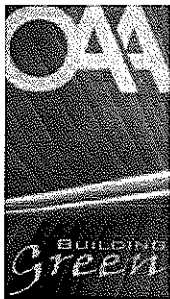
Omni Associates - Architects firmly believes that the best gauge in determining our performance and abilities is the quality of the personnel of which we are comprised. It is without question that our professional staff consists of dedicated, experienced, and creative personnel to meet and exceed your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

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.



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

John R. Sausen AIA, NCARB
Principal and Project Architect

Jaime L. Ryan
Intern Architect



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...



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

~ U.S. Green Building Council

Architectural Illustrations & 3D Modeling

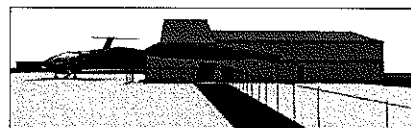
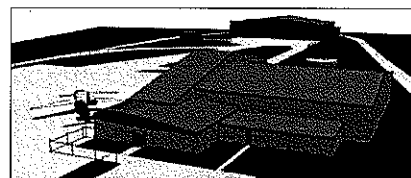
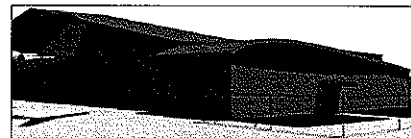
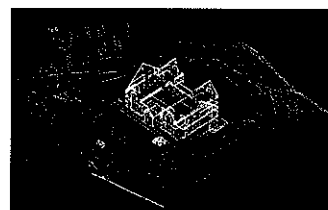


Computer-Generated Architectural Renderings

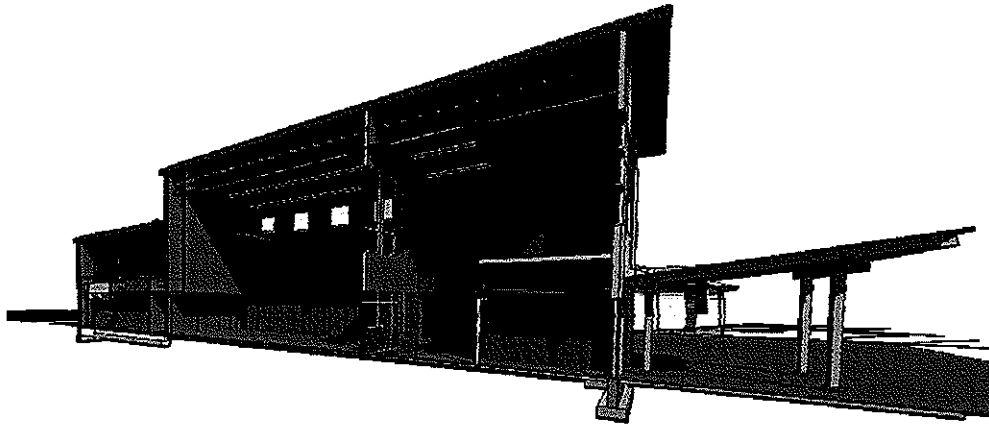
Omni's computer rendering capabilities range from photo re-touching, to simple 3D massing and studies, to 3D modeling in CAD from which a selected view is moved through a number of different programs and processes to result in a final finished rendering. We can produce a rendering from simple sketches 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.



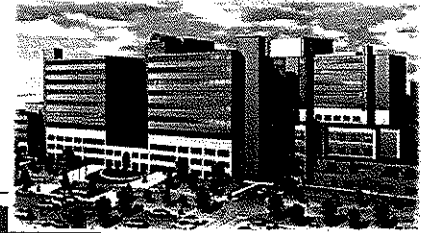
Architectural Illustrations & 3D Modeling



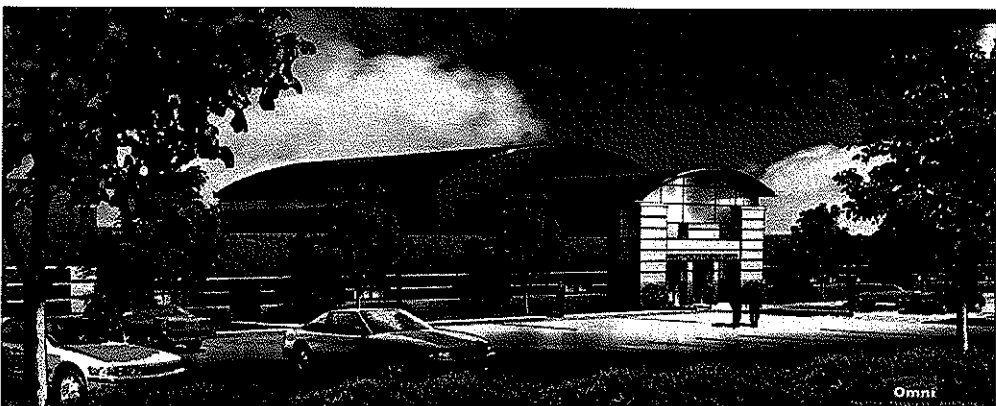
Virtual Models

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.



705 Apartments



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, 412th 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.

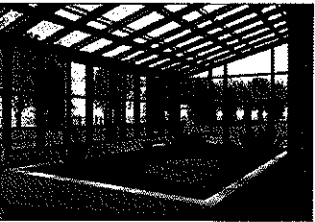


Resume

Edward "Ned" Luthy AIA, NCARB



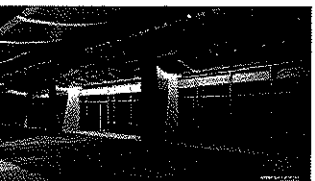
PROJECT ASSIGNMENT
Senior Associate
Project Architect



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

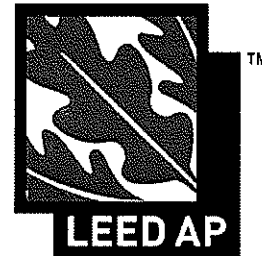
- LEED for New Construction Accredited Professional
- AIA WV Associate Member

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."

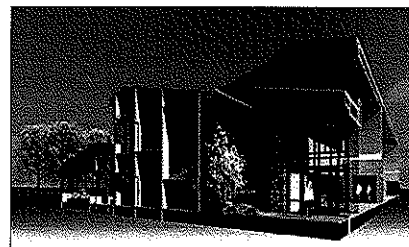
Robert J. Dillman
President
Fairmont State College

"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

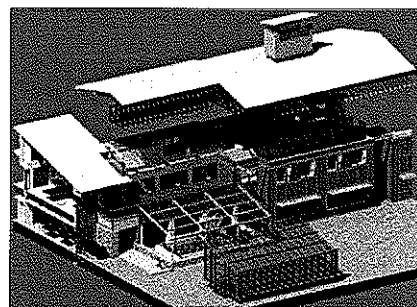
"In appreciation of all of your hard work, dedication, and technical support to the Eleanor Maintenance Complex, West Virginia Army National Guard. Your expertise has helped create one of the finest Maintenance Shops in the United States."

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

Allegheny Power
800 Cabin Hill Drive
Greensburg, PA 15601-1689

Braxton County Development Authority
P.O. Box 1925
Charleston, WV 25314

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

Morgantown Utility Board
278 Greenbag Road
Morgantown, WV 26501

City of Fairmont
200 Jackson Street
Fairmont, WV 26554

Mylan Pharmaceuticals
781 Chestnut Ridge Road
Morgantown, WV 26505

Canaan Valley Institute
P.O. Box 673
Davis, WV 26260

West Virginia Radio
P.O. Box 1900
570 Canyon Road
Morgantown, WV 26505

West Virginia Army National Guard
1707 Coonskin Drive
Charleston, WV 25311-1099

Fairmont State University
Locust Avenue
Fairmont, WV 26554

**Division of Natural Resources
WV Parks & Recreation Section**
Capitol Complex, Bldg. 3, Room 714
1900 Kanawha Blvd., East
Charleston, WV 25305-0662

Contact

Ms. Linda Moss
General Manager, Substations
301.790.6413

Ms. Terrell Ellis
Executive Director
304.342.6972

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

Mr. James Green
General Manager
304.292.8443

Mr. Jay Rogers
City Manager
304.366.6211

Mr. J.J. Dotson
Director of Engineering
304.554.5520

Mr. Dan Wheeler, Construction Manager
Science & Technology Team
304.463.4739

Mr. Jim Troy
V.P. of Finance
304.594.1768

BG Melvin Burch
Div. of Engineering & Facilities, Armory Board
304.561.6450

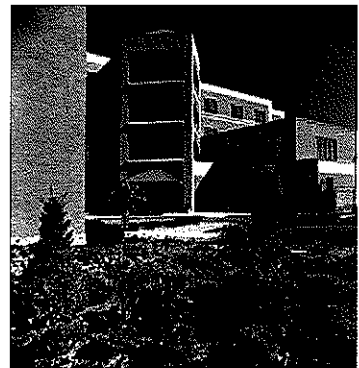
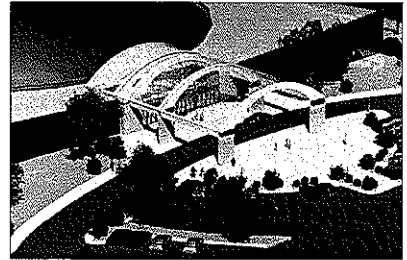
Mr. James Decker
Assistant Vice President, Physical Plant
304.367.4861

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



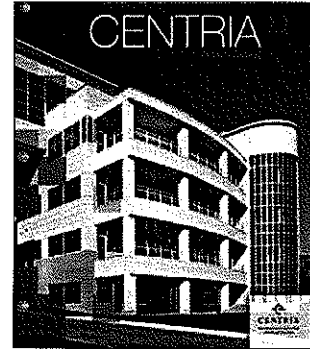
Omni Associates - Architects

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.

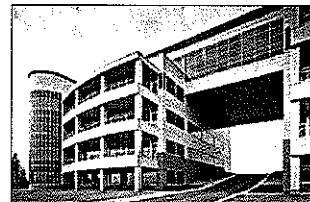
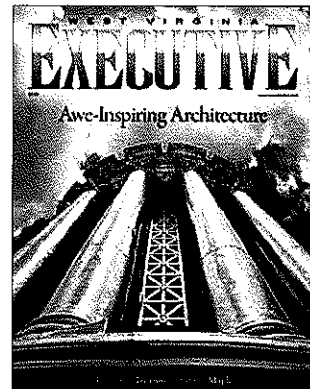


West Virginia High Technology Consortium
5000 NASA Boulevard
West Virginia Executive Magazine
VOLUME III 2008

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

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

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



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



Awards / Accolades / Publications

Mid-Atlantic Sports Cars

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

5000 NASA Boulevard
Lynchburg, West Virginia

Architect:
General Industries, Inc.

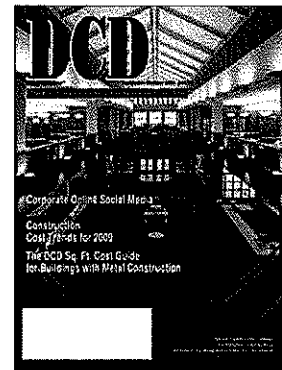
Contractor:
General Industries, Inc.

Project Description:
A new 100,000 sq. ft. high technology building for the West Virginia High Technology Consortium. The building features a modern design with large glass windows and a flat roof. It is located on a 10-acre site with parking for 200 cars.

Key Features:
- 100,000 sq. ft. of space
- 200 parking spaces
- Modern design with large glass windows
- Flat roof
- Located on a 10-acre site

Cost Data:

Category	Cost (\$)	Cost (\$/sq. ft.)
Building	10,000,000	100.00
Site Work	500,000	5.00
Land	2,000,000	20.00
Other	100,000	1.00
Total	12,500,000	126.00



West Fairmont Middle School

Published project: DCD Magazine (Design Cost Data)

September - October 2008

West Fairmont Middle School
Fairmont, West Virginia

Architect:
General Industries, Inc.

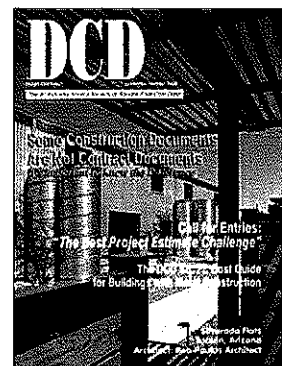
Contractor:
General Industries, Inc.

Project Description:
A new 100,000 sq. ft. middle school building for the West Fairmont Middle School. The building features a modern design with large glass windows and a flat roof. It is located on a 10-acre site with parking for 200 cars.

Key Features:
- 100,000 sq. ft. of space
- 200 parking spaces
- Modern design with large glass windows
- Flat roof
- Located on a 10-acre site

Cost Data:

Category	Cost (\$)	Cost (\$/sq. ft.)
Building	10,000,000	100.00
Site Work	500,000	5.00
Land	2,000,000	20.00
Other	100,000	1.00
Total	12,500,000	126.00



Awards / Accolades / Publications

St. Bernard Chapel

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



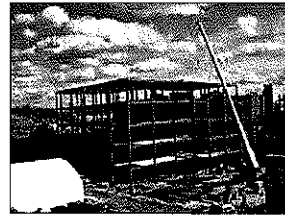
City of Fairmont Public Safety Building

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



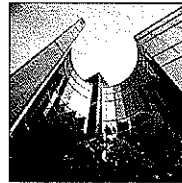
Mylan Pharmaceuticals North Expansion

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**

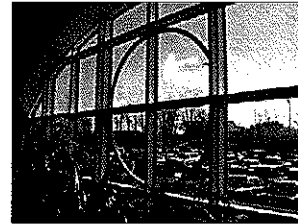
Associated Builders and Contractors

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



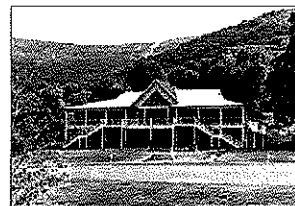
Hawthorne Valley Golf Course Clubhouse

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



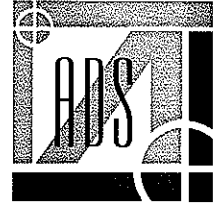


Allegheny

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

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



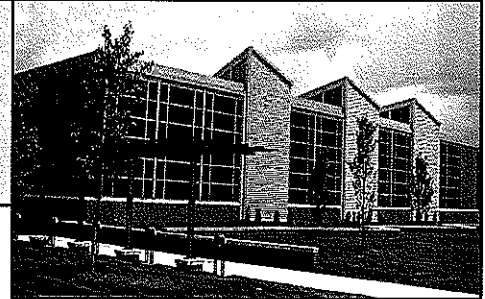
MIXED USE



**HOTEL
CONFERENCE CENTERS**



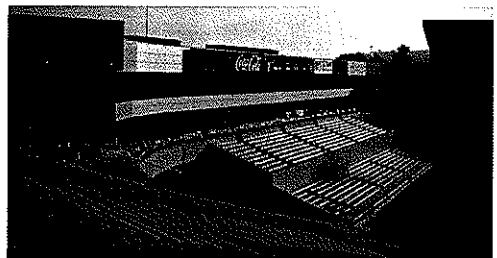
SECONDARY EDUCATION



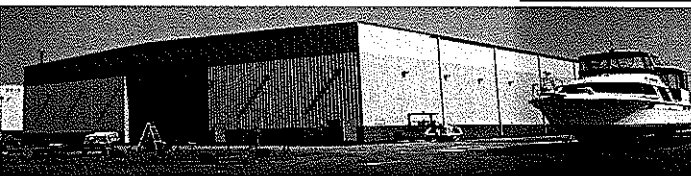
OFFICE BUILDINGS



PARKING GARAGES



ATHLETIC FACILITIES



METAL BUILDING SYSTEMS



HEALTH CARE



Allegheny

Design Services

Structural & MEP Engineering

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

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, Pennsylvania, Maryland, Virginia, District of Columbia, South Carolina and Ohio.

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 \$300 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 BIM software for the development of project work.

ADS is covered under a \$2 million liability policy for errors and omissions through Travelers C & S Co. of America.



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

KEY PERSONNEL

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

West Virginia Institute of Technology, BSCE

West Virginia University, MBA

Structural Engineering Certification Board

P.E. Licenses in the following States:

West Virginia

Pennsylvania

Maryland

Virginia

District of Columbia

National Council of Examiners for Engineering and Surveying

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

West Virginia Institute of Technology, BS Mechanical Engineering

West Virginia University

Structural Analysis

Steel Design

Reinforced Concrete Design

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

West Virginia University, BS Civil Engineering



Allegheny

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Fax: (304)599-0772
E-Mail: Dave@AlleghenyDesign.com
Web: www.AlleghenyDesign.com

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

Education:

West Virginia Institute of Technology
B.S. Civil Engineering

West Virginia University
Masters Business Administration

West Virginia State College
Architectural Technology

Professional Registrations:

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

Professional Memberships:

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

Continuing Education:

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

Professional Experience:

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

Experience Record:

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

Additional Professional Experience:

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

Project experience includes:

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



Allegheny

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E-mail: Mike@AlleghenyDesign.com

Web: www.AlleghenyDesign.com

Michael L. Sipe, E.I.

Engineering Intern

Education:

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

Awards/Achievements/Organizations:

Deans List, last 4 completed semesters
Member of Pi Tau 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:

Allegheny Energy, Fairmont, 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
GSA Sabraton (USDA), 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 27, 2006
ASCE - Steel Framed Buildings - May 11, 2007
AISC - Façade Attachments to Steel Frames - September 20, 2007
ASCE - Reinforced Masonry: Design and Construction - November 8, 2007
Lincoln Electric Company - Blodgett's Welding Design Seminar - June 17-20, 2008
ASCE - Earth Retaining Structures, Selection, Design, Construction and Inspection - October 22-23, 2009



Allegheny Design Services

Structural & MEP Engineering

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

Jason D. Robinson, E.I. Engineering Intern

Education:

West Virginia University
B.S. Civil Engineering

Awards/Achievements/Organizations:

Dean's List
Member of AISC
Associate Member of ASCE

Professional Registrations:

West Virginia, Engineering Intern License #8699

Professional Experience:

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

Experience record:

Bridgeport Public Safety Substation, Bridgeport, WV
Canaan Valley Institute, Davis, WV
Fairmont AFRC, Fairmont, 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
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 20, 2007
ASCE - Reinforced Masonry: Design and Construction - November 8, 2007
TSN - Cold-Formed Steel Seminar – Load Bearing and Curtain Wall Systems - December 4, 2008
Lincoln Electric Co. - Blodgett's Welding Design Seminar - October 13-16, 2009



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

Lakeside Physical Therapy Morgantown, WV

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



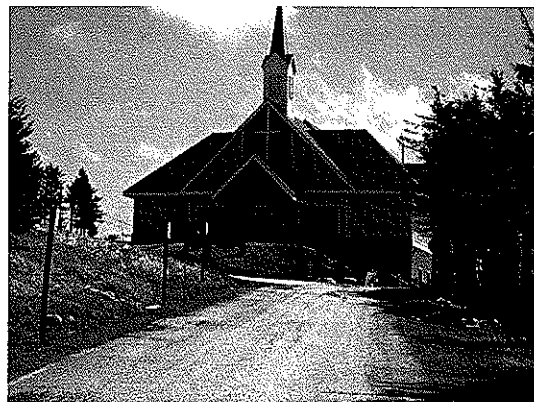
Mylan Corporate Office Parking Garage Morgantown, WV

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



St. Bernard Chapel Snowshoe, WV

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





Allegheny

Design Services

Structural & MEP Engineering

Suncrest Towne Centre Building 600 **Morgantown, WV**

ADS is a sub-consultant to Omni Associates for the Suncrest Towne Centre Building 600. This 13,000 square foot facility was completed in 2009 for approximately \$3 Million. The lower level consists of retail space with the upper floors consisting of offices.



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

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



Suncrest Towne Centre Site C **Morgantown, WV**

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





Allegheny
Design Services
Structural & MEP Engineering

PROJECT PROFILE

Glade Springs Hotel and Conference Center Daniels, WV



PROJECT ARCHITECT: Paradigm Architecture, Morgantown, WV
STRUCTURAL ENGINEER: Allegheny Design Services, Morgantown, WV
CONTRACTOR: Alliance Construction Management, Princeton, WV

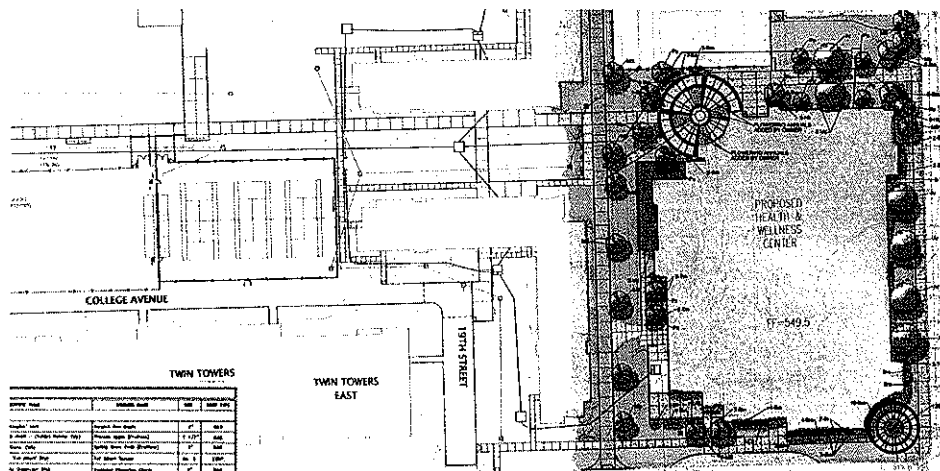
PROJECT SCOPE:

- 40,000 Sq. Ft. Hotel Wing
- 12,000 Sq. Ft. Conference Center
- 2,000 Sq. Ft. Porte Coche

PROJECT VALUE: \$5 Million

PROJECT COMPLETION: 2005

Land Development



EXPERT PERSONNEL

Greg Fox, ASLA, LEED
Department Head
Land Development

TERRADON's Land Development Services are managed by Gregory D. Fox, ASLA, LEED. Mr. Fox, a native of West Virginia, has been responsible for a number of notable recreation, commercial, and educational site development projects since joining TERRADON in February of 2000.

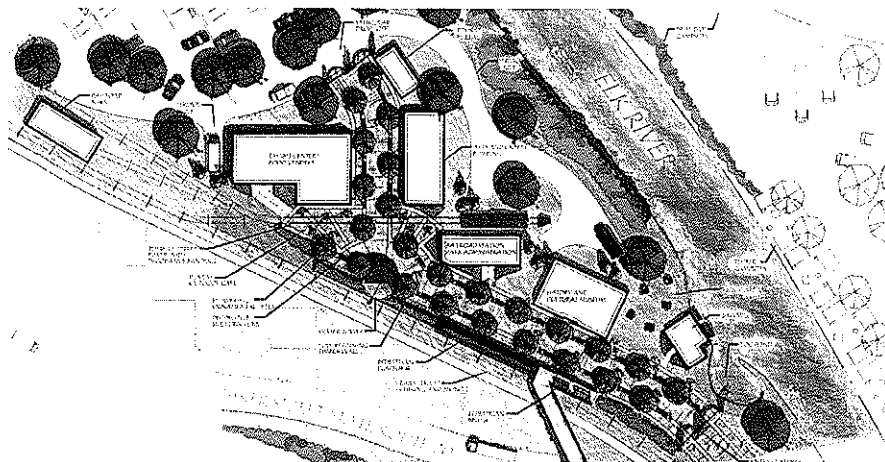
His group earned a 2002 Engineering Excellence Award from the West Virginia Association of Consulting Engineers and a 2002 Merit Award from the American Society of Landscape Architects for the City of Fairmont Riverfront Master Plan project. Most recently, the 2005 Gold Award from the American Council of Engineering Companies and a 2005 Honor Award from the American Society of Landscape Architects was presented to the firm for the site design of the new West Virginia Division of Environmental Protection Headquarters Building.

TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional landscape architects work closely with the client from the project's initial phase, through schematic design, construction documents, and project delivery. Services provided include master planning, site feasibility studies, schematic design, layout plans, grading plans, storm-water management plans, erosion control plans, planting plans, presentation drawings/renderings, graphic design, and construction observation.

TERRADON is experienced in providing a wide variety of engineering, environmental, and surveying services required for your project. These related services enhance and integrate with Landscape Architecture. This provides TERRADON with the opportunity to provide clients across the region with the highest level of quality site design and landscape architecture available. The engineering and environmental services include identifying site constraints and conditions that could have an impact on the feasibility of a site.

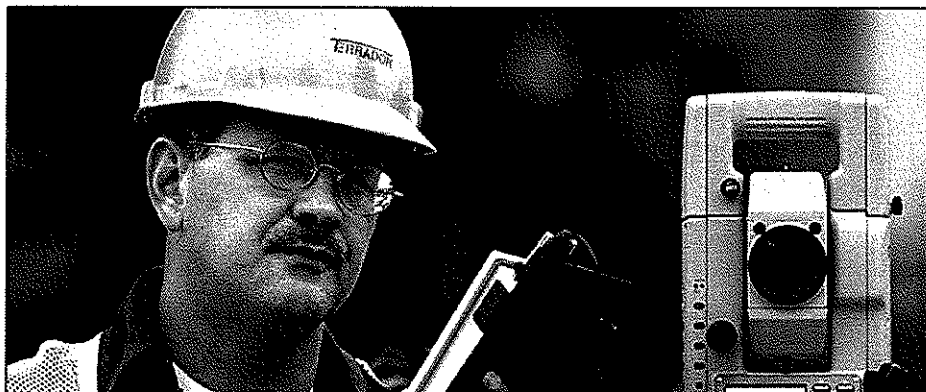
Site design and land planning services are provided for a wide range of project types including:

- » Recreation facilities
- » Education institutions
- » Commercial Developments
- » Government entities
- » Residential Development
- » Environmental elements
- » Medical facilities
- » Riverfront enhancement
- » Greenway/greenspace projects
- » Vehicular/Pedestrian circulation and storage facilities



TERRADON

Surveying and Mapping



TERRADON has an experienced staff of professional surveyors who provide mapping, construction layout, ALTA surveys, topographic surveys, and boundary surveys.

TERRADON is equipped with the newest surveying instruments, ensuring the highest standards of efficiency and accuracy. Fully equipped data collection stations are utilized for complete field-to-office automation, resulting in high productivity levels. The latest software is then used to process the data and achieve the desired end product/results.

Small mapping projects are completed in-house, following the aforementioned process. Large projects are more economically mapped by aerial mapping with TERRADON providing the necessary control surveying. As a quality control measure, mapping is field checked for accuracy. Mapping information is then received in digital format for direct input into the CAD system.

TERRADON also offers Global Positioning System (GPS) services. Data acquisition is accomplished by visiting the point and recording its attributes for inclusion in a geographic information system or database. Labor costs are significantly reduced by a one-person operation. The more remote or geographically diverse your needs are, the greater the savings using TERRADON'S GPS services.

"Working with the TERRADON staff is an exceptional experience. They always respond to our needs with urgency and professionalism. Not only do they provide outstanding design engineering services, they continue to support us through construction right up to placing the infrastructure in service. The answer to every question posed to their engineers is 'yes sir, we can do that... how soon do you need it?'"

Jimmy Wriston, P.E.
Regional Design Engineer
West Virginia Division of Highways, Engineering Division
Charleston, WV

KEY PERSONNEL

Robert Thaw

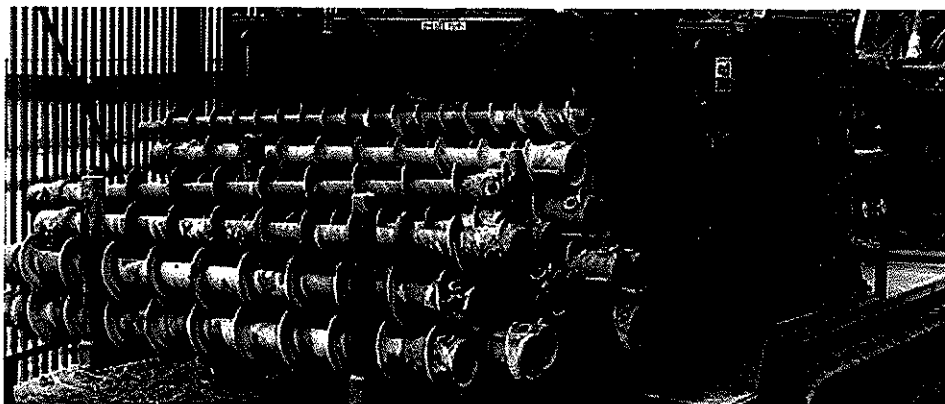
Professional Surveyor
Department Head – Survey

Robert Thaw is Department Head for TERRADON's survey operations. Thaw organizes and supervises survey crews; designs commercial sites for drainage, building site locations, parking and utility easements; reviews project plans; and creates base mapping.

Thaw specializes in control surveys (conventional and GPS, topographical surveys, waste management facilities, boundary surveys, site design, gas well locations and permitting, and construction stakeout.

With nearly 25 years of surveying experience, Thaw brings a wealth of knowledge to TERRADON projects and provides solid results to clients.

Geotechnical Engineering



TERRADON has provided geotechnical investigations associated with earthen dams, mining, waste disposal, construction of new buildings, and environmental remediation. Our geotechnical engineers have many years of experience working in the difficult soil and groundwater conditions found in the Appalachian region of the United States. We have the capability to perform both the subsurface investigation and the geotechnical design described below:

- » Drilling
- » Test pit excavations
- » Soil and rock logging, sampling, and testing
- » Monitoring well and piezometer installation
- » Foundation design
- » Earthen dams
- » Landslide analysis and remedial design
- » Retaining structure design
- » Municipal and industrial landfills
- » Stability analysis
- » Flexible and rigid pavement design
- » Soil nailing

EXPERT PERSONNEL

John James
Department Head
Geotechnical

Mr. James is a Senior engineer for various geotechnical, environmental, and mining projects. Mr. James specializes in innovative and cost saving concepts for his projects. Typical projects include numerous foundation investigations, studies and designs for landfills and environmental facilities, surface and ground water studies and remediation, foundation investigations and designs ranging in size from houses to major industrial complexes, roads, highways and bridges, earth and rockfill dams, storm drainage facilities, airport facilities, landslide analysis and correction, and forensic engineering.

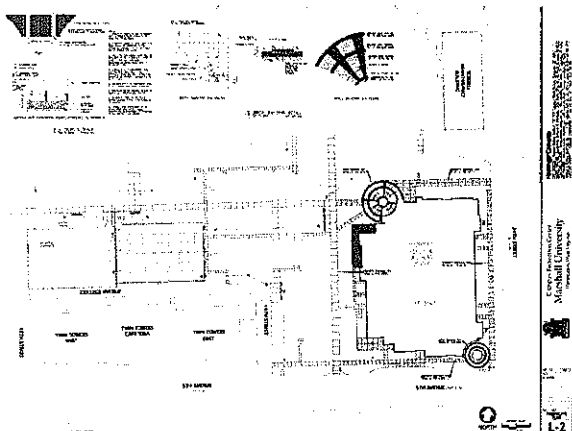
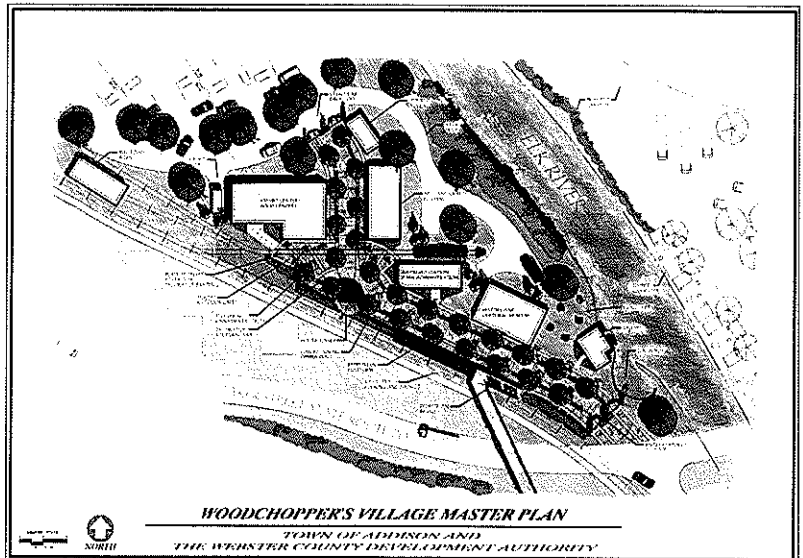
Project Experience

Woodchoppers Village Master Plan

Webster County Development Authority and the Town of Addison

TERRADON Corporation provided Master Planning services to the Webster County Development Authority and the Town of Addison for the development of Woodchoppers Village.

TERRADON provided a Master Plan and Feasibility Study for the project. The deliverables included Site programming, layout, inventory and land use analysis. The site also had an existing train depot that TERRADON was able to reincorporate into the site plans.

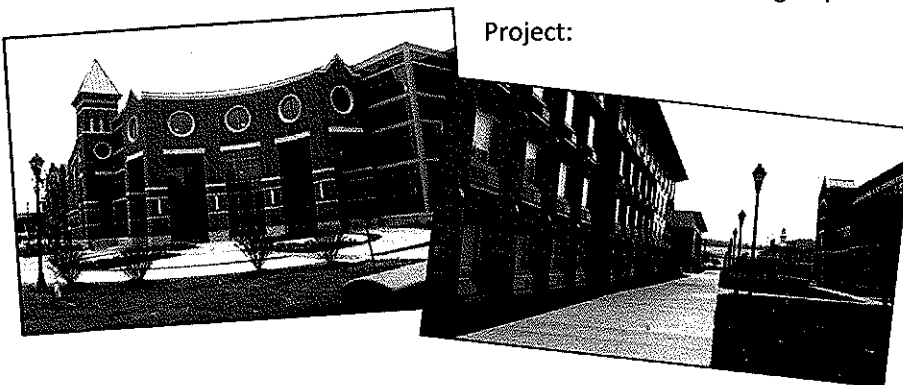


Marshall University Wellness Center and Dormitories

Designed 2007, installed 2008-2009.

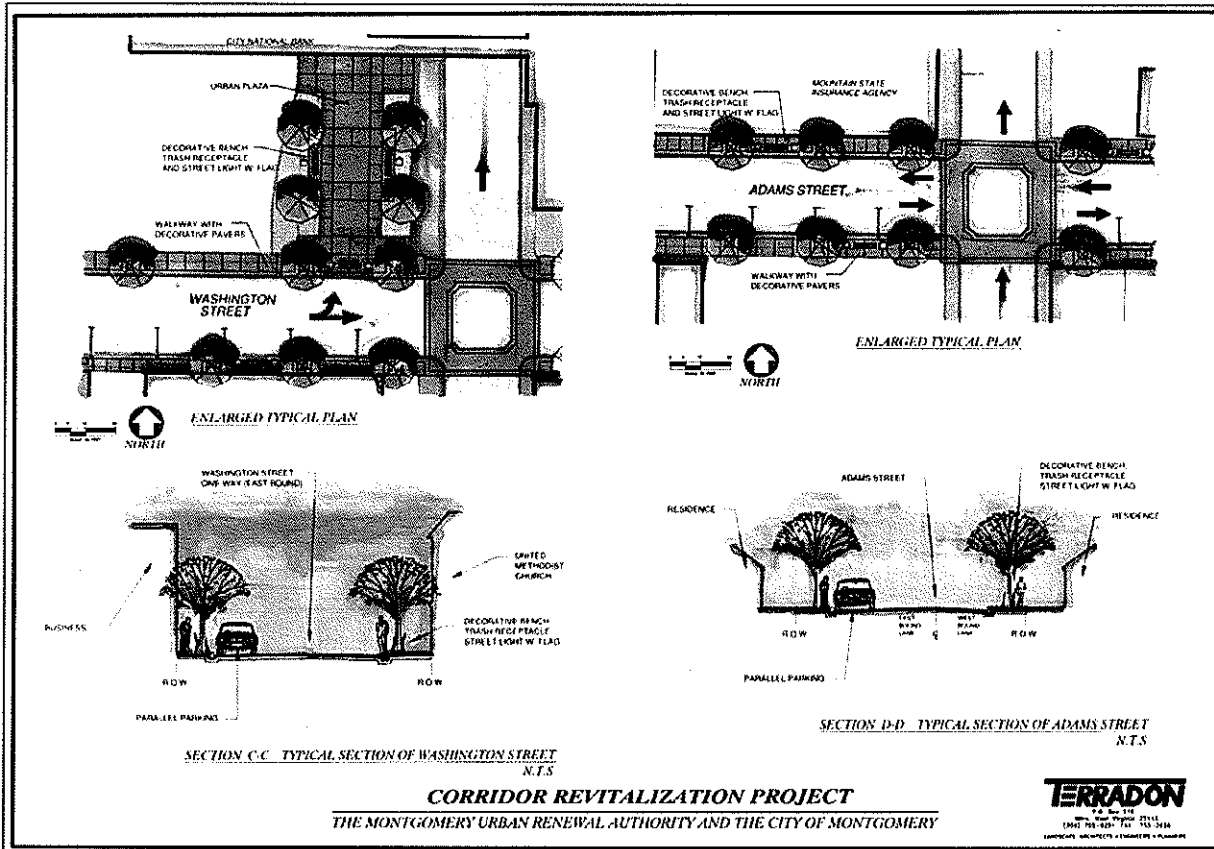
Bordering on 5th Ave. & 20th Street in downtown Huntington new sidewalks were designed & installed with new curbing and utilizing existing curbing. Some walks had grass buffer to curb at road, some walks were installed directly abutting curb at road. ADA guidelines were incorporated into the project. Project had to be coordinated with the City of Huntington Engineering & Planning Dept. as well as Marshall University.

Project:



City of Montgomery

Project: Urban Revitalization Master Plan
Client: Montgomery Urban Renewal Authority and the City of Montgomery
Client Role: Owner
Location: Montgomery, WV



TERRADON Corporation provided Urban Revitalization services to the Montgomery Urban Renewal Authority and the City of Montgomery for streetscape enhancements.

TERRADON provided a Master Plan and Feasibility Study for the project. The deliverables included Site programming, layout, inventory and land use analysis. The site also included planning in and around an existing Amtrak train station.

Key Personnel

Greg Fox, ASLA, LEED

Department Head—Land Development



TERRADON'S Landscape Architect services are managed by Gregory D. Fox, ASLA, LEED. Mr. Fox, a native of West Virginia and a graduate of West Virginia University with a Bachelor of Science in Landscape Architecture and a Bachelor of Arts in Geography (Planning) has gained a wide range of experience with a variety of project

Education

- » B.S. Landscape Architecture,
West Virginia University
- » B.A. Geography (Planning)
West Virginia University

Work Experience

- » 2000 - Present
TERRADON Corporation
- » 1996-2000
Martin Boal Anthony & Johnson
Architects
- » 1993-1996
Site Design
- » 1989-1993
E.G. & G. Inc., OH
- » 1988-1989
PSC Engineers, PA

Certifications

- » Landscape Architect: West Virginia, Ohio, North Carolina, South Carolina, Pennsylvania, Virginia

Project Experience

Mr. Fox has been responsible for a number of notable recreation, commercial and educational site development projects since joining TERRADON in February of 2000. His group earned a 2001 Engineering Excellence Award from the West Virginia Association of Consulting Engineers for the master planning of an extreme sports park at WVUIT in Montgomery.

They also earned a 2002 Engineering Excellence Award from the West Virginia Association of Consulting Engineers and a 2002 Merit Award from the American Society of Landscape Architects for the City of Fairmont Riverfront Master plan project. Most recently, the 2005 Gold Award from the American Council of Engineering Companies was presented to the firm for the site design of the new West Virginia Division of Environmental Protection Headquarters Building.

Other notable projects include the Marshall University Parking Garage, the West Virginia Public Service Commission Parking Facility, the Home Depot development at Southridge Center, and over 25 new schools located throughout West Virginia.

Mr. Fox has managed over 30 West Virginia park and recreation projects since joining TERRADON in 2000.

Key Personnel

Robert Thaw, PS

Survey Manager



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

Education

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

Work Experience

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

Registration

- » Professional Surveyor, West Virginia

Project Experience

- » Control Surveys - Conventional and G.P.S.
- » Topographic Surveys
 - o Commercial Sites under ALTA Standards
 - o Abandoned Mine Lands
- » Waste Management Facilities
- » Boundary Surveys
- » Right of Way Plans (Highways and Utilities)
- » Site Design (Commercial and Urban Developments)
- » Gas Well Locations and Permitting
- » Construction Stakeout
 - o Commercial Buildings
 - o Sanitary Sewer
 - o State and Federal Highways

Key Personnel

John W. James, P.E.

Senior Geotechnical Engineer



Senior engineer for various geotechnical, environmental, and mining projects. Prior to joining TERRADON in 2004, Mr. James was the proprietor of JAMES ENGINEERING, a one man consulting engineering company with projects in geotechnical, hydrological, environmental, foundation, structural and general civil engineering, as well as forensic engineering. Mr. James specializes in innovative and cost saving concepts for his projects. Typical projects include numerous foundation investigations, studies and designs for landfills and environmental facilities, surface and ground water studies and remediation, foundation investigations and designs ranging in size from houses to major industrial complexes, roads, highways and bridges, earth and rock fill dams, storm drainage facilities, airport facilities, landslide analysis and correction, and forensic engineering.

Education

- » B. S. Civil Engineering, 1968, West Virginia Institute of Technology
- » 30 Post-Graduate Hours in Civil and Environmental Engineering

Work Experience

- » 1997 – Present
TERRADON Corporation
- » 1990 – 1997
Kelley, Gidley, Blair, and Wolfe
- » 1982 – 1989
Dunn Engineers
- » 1979 – 1982
West Virginia Department of Highways

Registration

- » Professional Engineer: West Virginia

Affiliation

- » American Society of Civil Engineers
- » Past President of Charleston Branch and West Virginia Section
- » National and West Virginia Society of Professional Engineers

Project Experience

- » Geotechnical investigation and design of numerous water and wastewater treatment plants, including Charleston Wastewater Treatment Plant, North Beckley Wastewater Treatment Plant, Buckhannon Water & Wastewater Treatment Plant, Elkins Water & Wastewater Treatment Plant, Berkley Spring Water Treatment Plant, Morgantown Wastewater Treatment Plant, Elk Pinch Wastewater Treatment Plant, Parkersburg Wastewater Treatment Plant, St. Albans Water Treatment Plant.
- » Design and upgrade of water supply dams including Upper & Lower Dog Run water supply dams, Salem, West Virginia; Key Dam, Bluefield, West Virginia; Chatham Lake Dam (irrigation supply), Shady Springs, West Virginia. Involvement with geotechnical aspects included interaction with process and structural aspects and structural design of many components.

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.

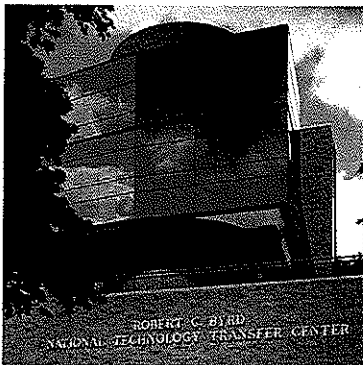
Primary markets of the firm include educational, health care, environments for the aging, and commercial renovations and new construction.

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.



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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

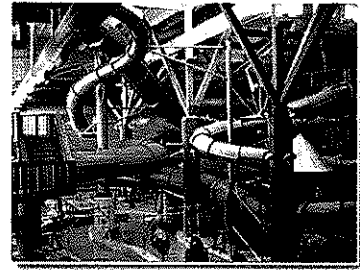
- Voice communication systems
- Data network systems

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 11 counties, as well as for West Virginia University, Fairmont State University, the West Virginia Hi-Tech Consortium, Rocket Center, and Canaan Valley Institute. We recently completed projects at Glenville State College and the City of Fairmont.



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
- Nursing Homes
- Light Industrial and Warehouses



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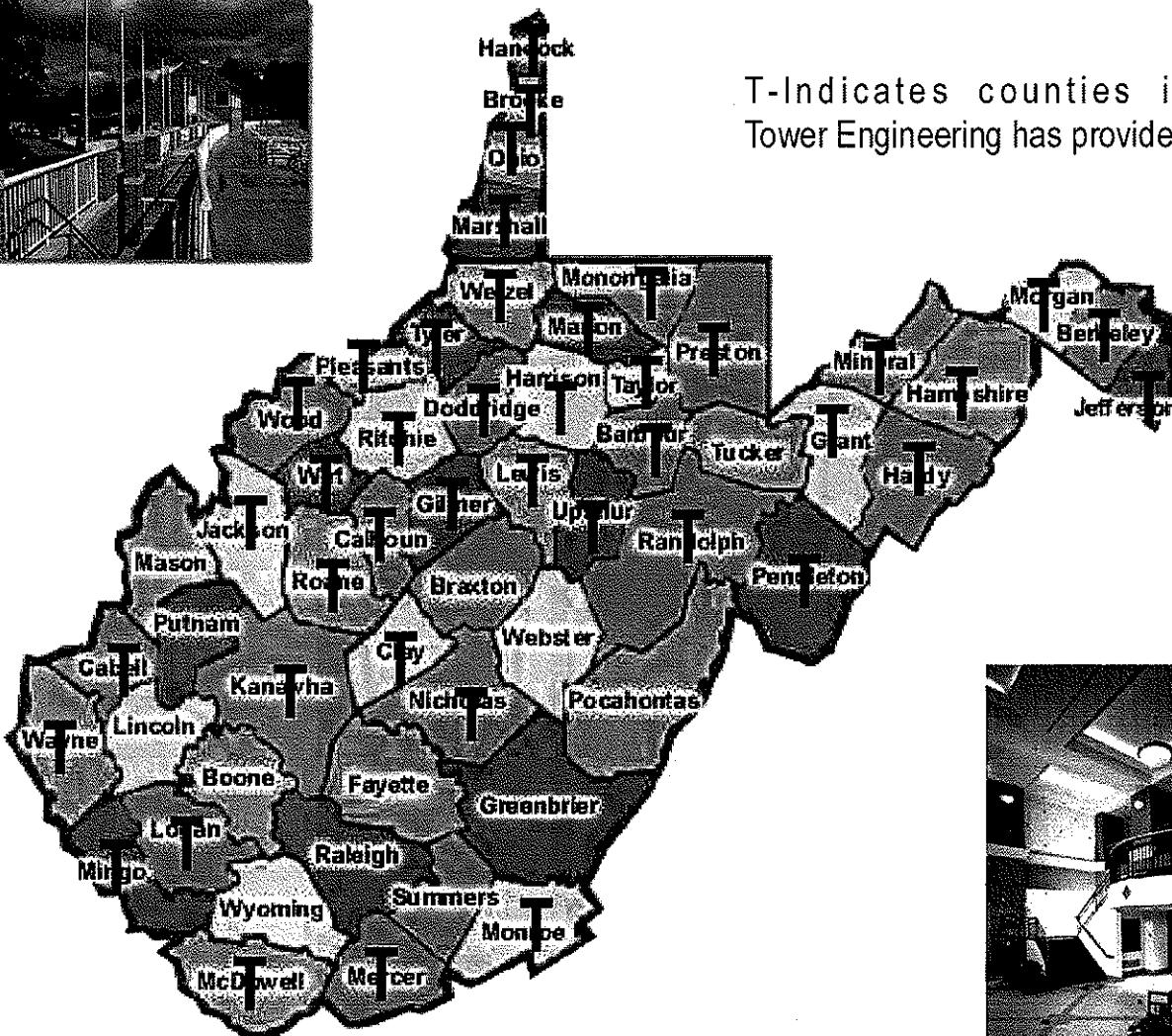
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Fax (412)939-2525

Engineering West Virginia

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



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



"My grandfather kept diaries from the 1930s until his death in 1963. I've really enjoyed reading of his trips to Charleston to provide services in West Virginia. He would catch the train from Pittsburgh to Charleston and stay overnight, often meeting with multiple clients. The diaries include fascinating information about the architects he worked with....and the exciting projects he engineered."

David E. Tower
Principal, Retired



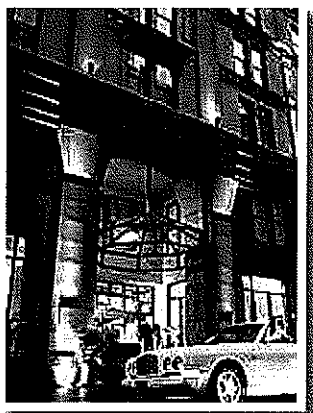
Project Experience

Tower Engineering has provided mechanical and electrical consulting engineering services for numerous hotel and motel projects, including the following:

- Best Western, State College, PA
- Cincinnati Hotel Restoration/Renovation, Cincinnati, OH
- Sheraton Inn, Holidaysburg, PA and Warrendale, PA
- Penn State's Nittany Lion Inn
- Days Inn, Akron, OH; Altoona, PA; Gettysburg, PA; Reading, PA; and York, PA
- Motel Six, Cranberry, PA
- Peak 'n Peek Resort, Clymer, NY
- Sheraton Station Square Hotel, PA
- DoubleTree Hotel, Pittsburgh, PA
- The Historical Book Cadillac Hotel, Detroit, MI (Design only)
- Twin Falls Resort, Mullens, WV

Tower Engineering has provided mechanical/electrical engineering services for new construction, renovations, and systems evaluations for the following Country Clubs:

- Treesdale Country Club
- Chartiers Country Club
- Lakeview Country Club
- Montour Country Club
- Rolling Hills Country Club
- Royal Ridge Country Club
- Seven Oaks Country Club



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Hotels, Motels & Country Clubs

Project Experience

Tower Engineering has designed mechanical and electrical systems for a wide variety of community and recreational facilities. Our past representative experience includes renovations, new construction and building systems evaluations for:

Bethel Park Community Center

Construction of this new Community Center was completed in 1999. At 18,100 s.f., the facility includes a large multi-purpose room with stage and serving kitchen for daily seniors lunch programs and community events of all sizes. The \$2.5 million facility incorporates many past and present unique characteristics and was envisioned to become Bethel Park's new town symbol.

Seven Springs Skier Services Building

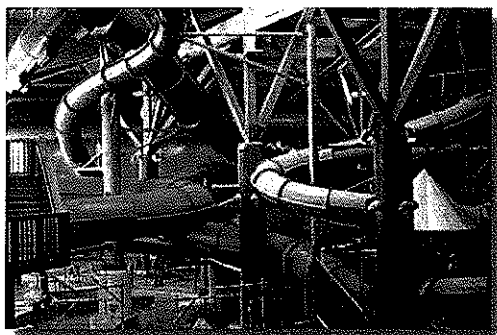
Part of a \$6.5 million improvement and expansion plan, the new Skier Services Building serves as the main resort arrival point and as a "bridge" connecting the existing conference/hotel functions with the existing skilodge.

Ross Township Municipal Complex

This new two-story building complex will house the Ross Township Municipal Offices, Commissioners Meeting Room, Ross Township Police Department, Building Inspectors offices, Tax Collector/Treasurers office, and a new Community Center with a multi-purpose/banquet room, kitchen, stage, youth and adult lounges.

The Rose E. Schneider Family YMCA

Tower Engineering provided mechanical/electrical engineering services for a new 113,000 s.f. facility for the Southwest Butler County YMCA. This new \$7 million building will include a gymnasium, family natatorium with leisure/competition pool, locker rooms, teen center, community/multipurpose room, wellness center, exercise studios, and administrative spaces. This project was completed in 2006.



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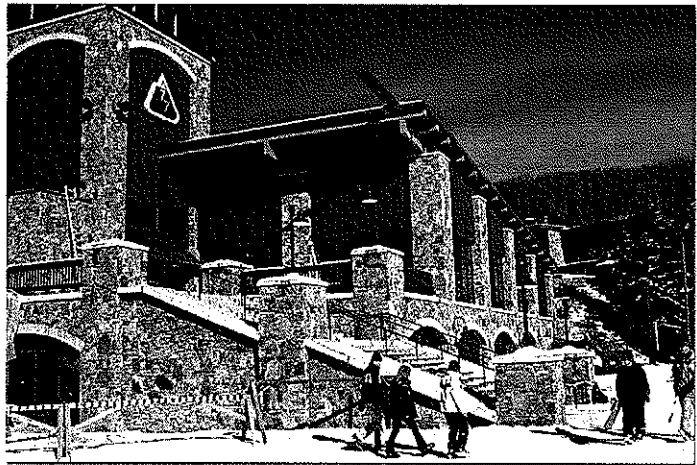
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Community & Recreational Facilities

Past Project Experience

- Alcoma Golf Club
- Ammon Recreation Center, City of Pittsburgh
- Beechwood Farms Nature Reserve, Audubon Society of W PA
- Beltzhoover Community Center, City of Pittsburgh
- Blue Water Lodge
- Bradford Ranger Building
- Chartiers Country Club
- Cherrington Golf & Country Club Banquet Facilities
- Cherry Grove Apartments Community Building
- Chief Logan State Park, WV
- Cranberry Municipal Building
- Erie Senior Citizen's Center
- Field Avenue Recreation Center, City of Pittsburgh
- Fox Chapel Jewish Center
- Fox Chapel Racquet Club
- Frick Nature Center
- Glenwood Racquet Club
- Green Tree Municipal Building
- Hampton Township Community Center
- Iceoplex at Southpoint
- Kennedy Township Park
- Lakeview Country Club
- Mellon Arena
- Monroeville Recreation Center
- Montour Heights Country Club
- Moose Club
- Mountaineer Lodge
- Northview Heights Recreation Center
- Peak 'N Peek, Clymer, New York
- Penn Hills Recreation Center
- Penn Township Municipal Complex
- Perry South Senior Citizens Center
- Peters Township Recreation Center
- Pine Township Recreation Center
- Pittsburgh Athletic Association
- Pittsburgh Children's Museum

- Pittsburgh Field Club
- Raccoon Creek State Park
- Rolling Hills Country Club
- Rose E. Schneider YMCA
- Ross Township Community Park
- Ross Township Municipal Building
- Scott's Splash Lagoon
- Seven Oaks Country Club
- Seven Springs Skier Services Building
- Sewickley Heights Golf Club
- South Charleston Community Center
- Upper St. Clair Community Rec Center

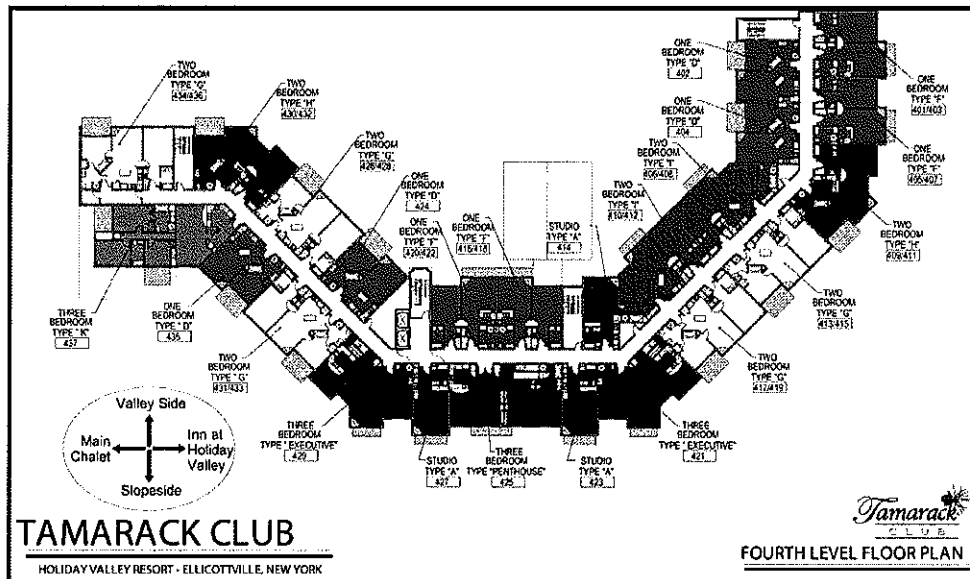


Project Experience

Holiday Valley Resort
Tamarack Club
Ellicottville, New York

Tower Engineering is currently providing mechanical/electrical engineering services for Holiday Valley Resort's new Tamarack Club. Once completed, this 163,000 s.f. building will include studio, one, two and three-bedroom condos, a heated indoor/outdoor pool, spa, fitness center, underground parking, and a restaurant and lounge.

Construction is scheduled to begin in Spring, 2008.



Owner:
Sunrise Development Partners, LLC
6557 Holiday Valley Road
Ellicottville, NY 14731

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Lodging & Recreation

Project Experience

Seven Springs Mountain Resort Champion, Pennsylvania



Tower Engineering provided mechanical/electrical engineering services for the new \$4.7 million Skier Services Building at Seven Springs Mountain Resort. At this one-stop services center, guests can do everything from buy lift tickets to drop off the kids for ski/ride lessons. The new facility serves as the main resort arrival point and as a "bridge" connecting the existing conference/hotel functions with the existing ski lodge. Construction of this three-story, 35,000 s.f. building was part of a \$6.5 million expansion project and was planned and constructed between ski seasons to avoid disruption of resort activities.

Tower Engineering also provided electrical engineering services for the Southwinds at Lake Tahoe, a cooperative design-build project at the Resort. The overall project provided for a series of multi-level condominium units. Each of the seven buildings in the project was comprised of varying combinations of architecturally modular, typical floorplans. This project was completed in 2006.



TOWER ENGINEERING

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

Lodging & Recreation

Project Experience

Twin Falls State Park
Lodge Expansion
Mullens, West Virginia



Tower Engineering is currently providing mechanical and electrical engineering services for the expansion of the Twin Falls State Park Lodge. Renovations will be made to the existing 30,000 s.f. structure. An addition of 46,000 s.f. will include:

- An additional 30 lodge rooms, including several suites
- Conference space
- A new indoor pool, spa and fitness center
- An elevator to resolve accessibility issues
- New Lodge Entrance

Total construction costs for this project are estimated at \$6 million. This project is currently in design.



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ENGINEERING

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Community & Recreational Facilities

EDUCATION

Bachelor, Electrical Engineering
Case Western Reserve University
1997

REGISTRATION

PE, Pennsylvania
PE-061041
2003

AFFILIATION

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

T STEFFANIE BAKO, P.E.

*Firm Associate
Senior Project Manager, Electrical Engineering*

Ms. Bako has ten (10) 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

Twin Falls State Park, Mullens, West Virginia
Systems Evaluation & Design, Lodge Expansion

Fairmont Public Safety Building, Fairmont, West Virginia
Addition/Renovation

Splash Lagoon, Erie, Pennsylvania
Indoor Water Park

Southwest Butler YMCA, Cranberry Township, Pennsylvania
The Rose E. Schneider Family YMCA

West Virginia High Technology Consortium, Fairmont, West Virginia
Base Building & Tenant Fitup for \$13 Million Office Building Complex

Glenville State College, Glenville, West Virginia
Heflin Student Center Assessment Report & Renovation

EDUCATION

BS, Mechanical Engineering
The Behrend College
The Pennsylvania State University
1990

Part-Time Civil Engineering Student
Point Park College
Current

REGISTRATION

PE, Pennsylvania

AFFILIATION

American Society of Plumbing
Engineers

Pennsylvania Army Reserve National
Guard

CHRISTOPHER W. CLARK, P.E.

*Project Manager
Plumbing & Fire Protection Engineering*

Mr. Clark has sixteen (16) years of experience as a mechanical engineer and has designed plumbing and fire protection systems and their components for schools, universities, laboratories, office buildings, and commercial and light industrial facilities.

Mr. Clark has experience with the design of numerous types of plumbing and fire protection systems, including wet and dry fire protection systems; DWV plumbing systems; cold, hot water and hot water recirculation systems; compressed air; storm water management and retainage systems, and sports field irrigation.

REPRESENTATIVE EXPERIENCE

Twin Falls State Park, Mullens, West Virginia
Systems Evaluation & Design, Lodge Expansion

Hampton Township, Allison Park, PA
Hampton Township Community Center

Green Tree Public Library, Pittsburgh, Pennsylvania
Renovation/Addition

Lycoming College, Williamsport, Pennsylvania
Student Recreation Center Addition/Renovation

Scotland School for Veterans' Children, Franklin County, Pennsylvania
Campus Renovation/Addition

Three Rivers Rowing Association, Millvale, Pennsylvania
Boat Storage and Maintenance Building

JAMES N. KOSINSKI, P.E.

*Principal, Vice President
Senior Project Manager
Mechanical Engineering*

EDUCATION

Bachelor Architectural Engineering
Penn State University
1989

REGISTRATION

PE, Pennsylvania
PE-045741-E

PE, West Virginia
PE, Michigan
PE, Maryland
PE, New York

AFFILIATION

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

Association of Energy Engineers

Mr. Kosinski has nineteen (19) 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. He has performed energy conservation analysis, evaluated HVAC system performance, and justified the installation of DDC control systems and other energy saving measures.

As a Mechanical Engineering Group Leader, Mr. Kosinski coordinates the efforts of a team of staff engineers, designers and CAD operators.

REPRESENTATIVE EXPERIENCE

Twin Falls State Park, Mullens, West Virginia
Systems Evaluation & Design, Lodge Expansion

Holiday Valley, Ellicottville New York
Tamarack Club Condominiums

Hampton Township, Pennsylvania
*Municipal Buildings Master Plan, Phases 1 and 2
New Community Center*

Lycoming College, Williamsport, Pennsylvania
Student Recreation Center Renovation/Expansion

Glennville State College, Glennville, West Virginia
Heflin Student Center Assessment Report & Renovation

JAMES N. KOSINSKI, P.E.

*Principal, Vice President
Senior Project Manager
Mechanical Engineering*

**Chestnut Ridge School District,
Fishertown, Pennsylvania**
Middle School Addition/Alterations

**Fayette County Area Vo-Tech,
Fayette County, Pennsylvania**
Feasibility Study

**Franklin Regional School District,
Murrysville, Pennsylvania**
Senior High School Stadium

**Fort LeBoeuf School District,
Waterford, Pennsylvania**
Outdoor Athletic Complex
Waterford Elementary School
Renovation

**General McLane School District,
Edinboro, Pennsylvania**
Edinboro Elementary School
McKean Elementary School
Renovation/Addition

**Hampshire County Board of
Education, Romney, West Virginia**
Romney Middle School

**Hampton Area School District,
Allison Park, Pennsylvania**
Natatorium Study
Hampton High School RTU Analysis

**Hardy County Board of Education,
Moorefield, West Virginia**
Assessment of District's MEP
Systems

**Jackson County Board of
Education, Fairplains, West
Virginia**
Fairplain and Ripley Elementary
Schools Classroom Additions

**Jamestown Area School District,
Jamestown, Pennsylvania**
Jamestown Elementary School

**Jefferson County Board of
Education, Charles Town, West
Virginia**
New Middle School

Millcreek Township Public School District, Erie, Pennsylvania
Tracy Elementary School

Mineral County Board of Education, Keyser, West Virginia
Frankford High School HVAC Evaluation & Replacement

Mingo County Board of Education, Williamson, West Virginia
Lenore K-8 School

Moon Area School District, Moon Township, Pennsylvania
High School HVAC Upgrade (Design/Build)
McCormick Elementary School Systems Commissioning

Morgan County Board of Education, Berkeley Springs, West Virginia
Berkeley Springs High School Renovation/Addition
North Berkeley Elementary School

JAMES N. KOSINSKI, P.E.

*Principal, Vice President
Senior Project Manager
Mechanical Engineering*

North Allegheny School District, Pittsburgh, Pennsylvania

Marshall Elementary School
McKnight Elementary School Addition/Renovations
North Allegheny Intermediate Unit

North East School District, North East, Pennsylvania

Earle C. Davis Elementary School

Pine-Richland School District, Gibsonia, Pennsylvania

Hance Elementary School Additions/Renovations
New Pine-Richland Stadium
Pine Richland High School Additions/Alterations
Pine Richland Middle School
Wexford Elementary School

Riverview School District, Oakmont, Pennsylvania

Tenth Street Elementary Feasibility Study

Slippery Rock Area School District, Slippery Rock, Pennsylvania

District-Wide Feasibility Study

Sto-Rox School District, McKees Rocks, Pennsylvania

High School Third Floor Temp/Humidity Study