RFQ#HST1012

WEST VIRGINIA OFFICE OF MINERS' HEALTH, SAFETY, & TRAINING

SILLING ASSOCIATES, INC. - ARCHITECTS + PLANNERS

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Web: www.silling.com

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www.silling.com
SILLING
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September 15, 2007

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

Re: Expression of Interest, RFQ#HST1012

Dear Selection Committee Members,

Silling Associates, Inc. is pleased to submit an Expression of Interest to provide complete architectural/engineering design and construction administration services for the West Virginia Office of Miner's Health Safety Training Facility. We offer highly professional and experienced designers. Our past portfolio represents projects that rank among the highest quality in the state of West Virginia.

Since 1902, our firm has designed a number of noteworthy buildings for the state of West Virginia and we have always prided ourselves on being a servant of state government. Our current work includes ongoing design services for the WV Lottery, the WV Supreme Court, and many projects for the WV Division of Corrections. Each of these agencies have critical needs unique to their operations in which we creatively integrate in the architectural design process.

Silling leads a design team comprised of more than 20 design professionals (including eight firm principals) who will be dedicated to the successful delivery of the project, on schedule and within budget. We offer a proven system of thorough building programming, a creative and appropriate design approach grounded in the need for efficiency and economy, rigorous attention to construction detail, and astute administration of the construction contract.

As lifelong West Virginians, we appreciate the WV Office of Miner's Safety and the hard working people they serve. We would be honored to work for them and people that have constituted the backbone of our economy, culture, and communities for so long.

We look forward to an interview and opportunity to discuss in further detail our experience and specific approach to this very exciting project.

Sincerely,

SILLING ASSOCIATES, INC.

Thomas M. Potts, AIA
President

Thomas M. Potts, AIA
Jody S. Driggs, AIA

WV OFFICE OF MINERS' HEALTH, SAFETY, AND TRAINING CENTER

FACILITY GOAL: To enhance our state's nationally-recognized mine safety program at a time when mines are employing new technologies to meet increased worldwide demand for West Virginia coal.

Responsibilities / Consultant Coordination

Design Project Management is the responsibility of Silling Associates, Inc. who will be the Architect of Record. The assignment on the project is an appropriate fit for the team given the firm's diverse experience working with a variety of state governmental agencies, including the WV Division of Corrections, WV Lottery, WV Supreme Court, WV Army and Air National Guard, as well as ten major county governmental projects across the state of West Virginia.

In addition, Silling provides a diverse mix of design experience involving classroom/educational/training facilities, large/specialty vehicle maintenance garages, and public and private sector offices.

The major tasks include the following: Communication with the WV Office of Miners' Health, Safety, and Training, the Building Committee, WV State Mine Emergency Team, Homeland Security, and County Emergency Services leadership, and end users; schedule and project budget management; coordination of consultants; and administration of quality assurance.

Primary Programming and Planning is the responsibility of Silling Associates, Inc. We will lead workshops with the WV Office of Miners' Health, Safety, and Training at the outset of the project to develop the required programming document. The process should involve the Agency's leadership, the various departmental components, other end users, and key design team members in working sessions to consider operational issues and qualify needs. The design team will assimilate the facility's goals to present concepts for review with the WV Office of Miners' Health, Safety, and Training. This process will be repeated working through preferred concepts arriving at an appropriate preliminary solution.

Architectural Design and **Interior Design** will be a coordinated effort by Silling Associates, Inc. The many details that integrate into the facility and require first-hand knowledge will be resolved by Silling. Development of standard building details will also be the responsibility of Silling. We have significant interior space-planning design expertise in the detailing of classroom/training facilities, governmental offices, and vehicle maintenance and storage components.

Mechanical/Electrical/Data/Telecommunications Engineering will be the responsibility of Scheeser*Buckley*Mayfield, Inc., a high-quality MEP firm with regional expertise in a broad range of building types. They will perform a primary role in the development of new systems as well as any systems-oriented upgrades. They are expert at the introduction/upgrade of MEP systems into existing facilities. SBM has served as Silling Associates' primary engineering consultant for many years and provides efficient, cost-effective MEP design solutions to each and every project.

Structural Engineering will be the responsibility of Shelly Metz Baumann Hawk, Inc., a leading structural engineering consultant with over 20 years' experience working with Silling.

Construction Contract Administration is the responsibility of Silling Associates, Inc. The firm will conduct all primary functions of this phase, coordinating the efforts and input from all consultants.

SILLING ASSOCIATES will be the WV Office of Miners' Health, Safety, and Training's primary point of contact and have ultimate responsibility for the project. Silling has a long and successful history collaborating with and managing these engineering consultants and we facilitate a seamless coordination of the project from start to finish.

Project Leadership from Inception through Completion

The planning process is paramount. It must respond to current mine safety and training needs while being adaptable to future trends and technology. These training and mine rescue stations require a careful balance between construction budgets and the requirements of space, functionality, technology, and quality.

The design phase will allow the administrative leadership, staff, and other end-users the opportunity to interact with the designers to convey their goals and aspirations for the new Miners' Health, Safety, & Training Facility. The end result of this project will help foster a collegial and collaborative training environment that will instill a sense of community and respect for mine safety. Silling's design team will work to provide a positive and uplifting facility for member training, professional yet light and airy, with access to natural light and views. All of this can be accomplished with simplicity and economy. Collaboration will be the cornerstone of our design process. Planning and design continuity will be accomplished by involving the broadest range of participation in the planning process that the administration deems appropriate. Design initiatives and issues critical to this project include:

- Provide a state-of-the-art training center that will greatly enhance the State's ability to educate, train, and mentor emergency team members
- Provide a comprehensive, efficient and functional design of the building's exterior and interior
- Create and aesthetically pleasing and modern training environment
- Provide highly efficient and functional electrical, mechanical, plumbing, data/telecommunications, and fire and life safety systems
- Utilize "green" building design principles and materials which will promote a highly functional, economical, and environmentally friendly work environment

"Green" Design & Building Sustainability
Did you know that "green" buildings save an average of 40% in water use, 39% in energy use and carbon dioxide emissions, 50-75% of construction and demolition waste going to landfills, and $58 billion in annual employee sick time? Statistics also indicate an increase of worker productivity annually of $180 billion! With more than 750 million square feet of LEED projects taking place across the nation, the practice of green building is truly transforming the architectural and construction industry.

Good building design requires the synthesis of many elements into a whole. Integrated sustainable design is becoming widely recognized as the most effective means of delivering an environmentally-friendly building within budget. Bringing the entire project team together early in the process is essential for optimizing the synergies within building systems and avoiding over-design, unnecessary redundancy, waste, and additional costs.

Owner Involvement in the Creative Process
Silling Associates practices a policy of owner involvement in design of its facilities. This involvement includes the intense solicitation of ideas from representatives of the owner, verification of any assumptions, and the earnest search for consensus of design solutions.

Owner involvement is achieved through a series of interactive design workshops. The process would involve key participants from the design team and the Agency's building committee, working together to develop a comprehensive facility report and a set of conceptual plans. The activities and schedule of a typical design workshop are described below.

Design Workshops
These two- to three-day design workshops will build consensus toward a final building program, site utilization, a project budget, and importantly, an agenda for action. The success of this process is a function of a professional, highly-orchestrated procedure.

Pre-Workshop Activities

- Distribute a Design Workshop planning kit to designated participants.

- Assist is the evaluation and selection of the site
- Review and analyze any preliminary Building Program documents for the proposed Safety and Training Center
- Meet with key individuals involved in the planning process.

Workshop Activities

- Continued verification and analysis of background materials (previous studies, program statement, proposed site(s), utility/energy considerations, etc.)
- Solicitation of ideas, concerns, and expectations from designated representatives to the programming and conceptual design process.
- Synthesis of all input with our thoughts and recommendations to produce a series of synergistic design and programming solutions.
- Presentation of alternatives to focus on opportunities, problem areas, priorities, and costs. The presentation leads to the selection of the preferred program and design approach.

Post Workshop Activities

- Refinement of the selected design direction.
- Final work products:
    1. Specific Program Statement
    2. Conceptual design
    3. Estimate of probable construction cost

Benefits

- Extensive administrative, staff, and end-user participation
- Reduction of the number of meetings required
- Reduction of the length of time between meetings
- Rapid feedback of critique leading to the evolution of new ideas
- Actual and perceived sense of user-group participation
- Face to face contact between all team members
- Develop consensus

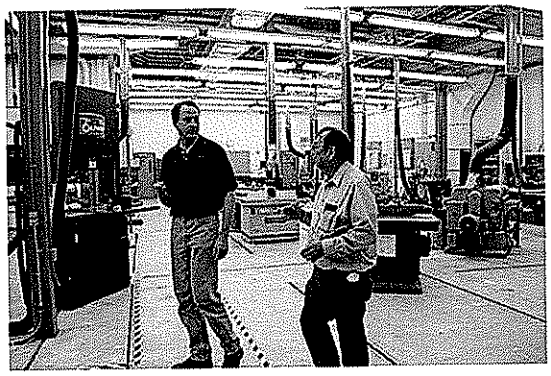
Logistics

To minimize cost, travel arrangements are made in advance. Meetings are conducted in predetermined meeting or conference rooms. Planning and design activities are conducted in a temporary studio set up in an available, centrally located space. These activities are continuously open to all designated participants to the process.

Schematic Design and Design Development

The design process would explore methods for achieving the state's planning goals and appropriate ways to ultimately provide high-quality mine safety training to the state of West Virginia.

The nature of today's mine safety training environment is strongly influenced by technology, creative training methods, interactivity, team building, etc. Technology and building flexibility can play a dominant role in the fundamental operational processes and corresponding conceptual arrangement of space. Wireless internet for example, has freed many organizations from dedicated hard "classroom" assignment and promoted a flexible training concept. Member teams and staff assignments are becoming interchangeable and the training environment must be capable of supporting the evolving nature of the mine safety practices and technologies.



The degree to which the Agency and other Team Members have embraced technology and related issues may vary, but the planning for a new state-of-the-art Safety and Training Center is an opportunity for the design team and the State of West Virginia to facilitate discussions that truly capitalize on the opportunity to transform and improve mine safety and emergency response, while reducing the department's cost to provide facilities. Silling Associates will bring the expertise in effectively working with state agencies, in addition to a diverse mix of design experience that includes all of the required spatial and technological components of the new Safety and Training Center. Whatever the planning goals, Silling Associates will lead a process of exploration and creative thinking to provide a forward-thinking and highly-functional facility to the state of West Virginia.

During both the Schematic and Design Development Phases, the design will bring experience and flexibility to the planning process suited to the nature of the organizational structure and related "buy-in" process. For example, our past experience with the feasibility of a new State Tax and Revenue Center in 2006 involved navigating the labyrinth of wishes and desires of separate state agencies and elected officials. The planning process requires an understanding of the inherent political structure and when and how to appropriately address conflicting priorities. Silling Associates will approach the gathering of planning data, development of design concepts with sensitivity to the process.

During schematic design and design development, we expect to meet with the WV Office of Miners' Health, Safety, and Training and other end-users on a regular basis. We recommend on-site meetings every 3-4 weeks; however, the schedule can be somewhat flexible based on the State's needs. Face-to-face meetings and site visits keep communication flowing throughout the course of the project, keep the job on schedule, and provide the sub-consultants information they need to keep working.

Construction Documents, Bidding/Negotiation, Contract Administration
Following finalization of the initial design phases, the project team will begin production of construction documents. Silling Associates and its team members strive to produce impeccable drawings and specifications. Thorough documentation of the design intent results in interdisciplinary design coordination and a clear understanding of the envisioned facility by the contractor which subsequently minimizes change orders.

The design team assembled by Silling Associates has vast experience in the preparation of construction documents for building projects of all types, sizes and complexity. Through the construction document phase, the proposed design is detailed, drawings and specifications are integrated, and plans are reviewed by code enforcement officials. Sensitivity to the Owner's vision, knowledge of materials, and final budget analysis and value engineering will allow the contractor to create a project exactly as perceived by the state of West Virginia, within budget.

Upon completion of the drawings and specifications, Silling Associates will assist the State in the bidding process. Establishment of bid dates, facilitating pre-bid meetings, reviewing bid results, and recommendation of potential contractors are all services provided by the design team.

During construction administration, Silling Associates will again act in a fiduciary manner as the State's representative and help to build the relationship between owner and contractor. Our proximity also, would allow Silling Associates ready access as necessary to observe the job site or meet with contractors, inspectors, or members of the owner's design committee, in addition to the bi-weekly job meetings Silling would regularly conduct. During construction administration, the architect will review payment applications, observe work progress, and produce punch lists. Following completion of a project, Silling enjoys returning to the project to meet with owners for feedback, inspect materials and craftsmanship as they age, and provide assistance to help end-users maximize the potential of their space.

Project Budget & Cost Control

Project Cost Estimation
Cost estimates will be developed during the phases of Schematic Design, Design Development, and Construction Documentation.

Project estimating services related to the development of probable construction cost based on programming and scheduling, will be provided during the Pre-Design and Schematic Design Phases. These services consist

of:

- Analysis of current and historic data
- Conversion of programmed requirements to net area requirements
- Development of approximate gross facility areas
- Evaluation of construction market conditions
- Application of unit cost data to gross areas
- Estimates of related costs such as utilities, services, equipment, appropriate contingencies and design services

In Design Development, the Statement of Probable Construction cost is refined after reviewing availability of materials and labor; project delivery procedures; construction sequencing and scheduling; changes in scope of the project; and adjustments in quality standards.

The Statement of Probable Construction Cost may be refined again, if desired, during the Construction Documents phase. The review usually occurs when Construction Documentation is 90 percent complete. The following are taken into consideration: changes in materials, systems or details of construction which have occurred during the preparation of the construction documents; known changes in the cost of materials, labor and services since preparation of the previous statement of probable cost; and adjustments for known or anticipated changes in the bidding market relative to the project.

Separate studies of specific aspects of the project may also include cost estimates pertaining specifically to those aspects. Cost estimates developed during special studies are reviewed during the Schematic Design Phase, and in subsequent design phases.

Cost Control
Silling Associates is extremely proud of our past record of performance with both public and private clients in controlling construction costs. The greatest savings of time and cost in a construction project can be achieved during the design phase for it is then that: a) the extent and quality of the building are established; b) the systems which will affect construction procedures are selected; and c) the start time for construction is determined. In addition to establishing these decisions at the embryonic stage of building design, we monitor building and total project costs throughout the design process to ensure that we meet the client's budget.

This "Continuous Cost Control" procedure begins with resolution of the project's scope and the client's budget during the programming and schematic design phases, and continues in an orderly and systematic way throughout the design and construction process.

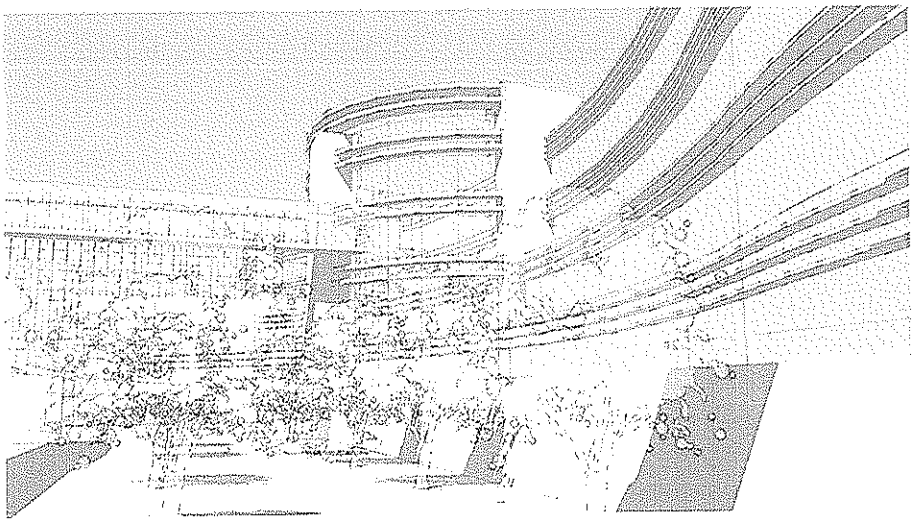
The system's success is a result of three factors:

- Resolution of scope and budget at each phase of the project.
- A wealth of current cost information on a variety of building types.
- A rigorous application of cost estimating procedures.

Programming	Statement of probable construction cost based on current area and volume analysis.
Schematics	Revised statement of probable construction cost based on analysis of major building components, systems and finishes.
Design Development	Detailed cost estimates based on quantity takeoff and unit cost with value engineering of major equipment and systems.
Construction Documents	Refined cost estimates based on quantity takeoff and unit costs at 30%, 70%, and 90% completion of construction documents.
Bid	Evaluation of alternate components, systems and finishes. Negotiation based on our detailed cost estimate.
Construction Administration	Evaluation of requests for change. Evaluation of request for payment.

As a result of our ***"Continuous Cost Control"*** procedures, ***96% of our projects are constructed below the client's approved budget.***

Firm Overview



OUR HISTORY

Architectural success is measured by vision and an unwavering dedication to excellence. This axiom was the philosophical birth of SILLING ASSOCIATES, INC. by H. Rus Warne in 1902. Following the lead of partners like Warne and its namesake, Cy Silling, the firm today has the proud distinction of being the oldest continuing architectural firm in West Virginia and one of the oldest in the eastern United States. Throughout, Silling Associates, Inc. has woven itself into the very fabric of West Virginia, providing planning and architectural services that have touched the lives of virtually every citizen and delivering landmark projects collectively defining its built environment.

A past president of Silling used to say that every West Virginian has either banked, lived, worked, cheered, slept, served time, got well, learned arithmetic, borrowed a book, paid taxes, or parked in one of our buildings. Whether through its early century beaux arts and neo-classical collection, its mid-century modern and post-modern portfolio, or its current contextual vocabulary, Silling has always been renowned as one of the premier architectural firms in the state. Today, Silling Associates continues to have a powerful impact on the region's architectural landscape through fresh, yet solid design and responsible project management.

DESIGN PHILOSOPHY

At Silling, design drives everything that we do in architecture, planning and interiors. We believe that design fulfills and propels each client's goals and aspirations; that design articulates spaces to new levels of effectiveness; that design engages, inspires and fulfills; and that design elevates the human experience.

We begin each project by listening to our client. We listen to understand a client's vision, goals and objectives. We believe the concept of design in architecture applies not only to sketches, plans, specifications, and the building process, but to every aspect of the project. We design each project in a synthesis of everything that we heard from a client, and of our own professional design expertise---working collaboratively and uniting all professional disciplines in the process to create truly integrated design solutions. We deliver each project with responsive service and technical excellence to the complete satisfaction of our client, which is the ultimate measure of our success. This is why you can depend on Silling to walk you through every phase of the process.

From our firm's inception over 100 years ago, Silling has remained committed to four essential principles: listening to the needs of our clients, understanding the challenges they face, solving their problems, and producing high quality results. These guiding principles are contributing factors to the foundation and success of every project Silling undertakes. We are dedicated to providing outstanding analysis, planning, design, and construction for every one of our projects.

Our Services

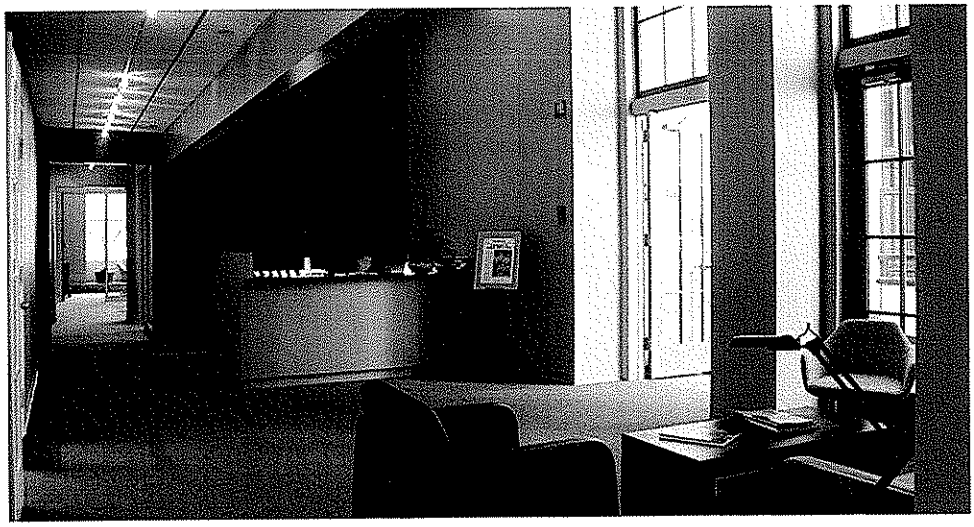
Silling Associates, Inc. offers clients a comprehensive list of Architectural, Planning, and Interiors services. Working in concert with some of region's premier engineering design consultants, Silling provides exceptional leadership from the earliest stage of planning through to final documentation, construction, and building operation.

- Pre-design
- Feasibility Studies
- Master Planning
- Architectural Programming
- Architectural Design
- Construction Contract Document Production
- Bidding & Negotiating
- Design-Build & Negotiated Contract Delivery
- Construction Contract Administration
- Code Compliance & Review
- Site Design
- Sustainable Design & LEED Services
- Interior Design
- Interior Space Planning
- Interior Architectural Design, Detailing, & Documentation
- Furniture, Furnishings Selection, Documentation, & Specification

LEED & Sustainable Design

Silling Associates provides a staff with Professional Accreditation by the U.S.Green Building Council (USGBC) in coordination with the Green Building Certification Institution (GBCI) and LEED AP for New Construction and Major Renovations. The LEED (Leadership in Energy and Environmental Design) Green Building Rating System provides a set of performance standards for certifying the design and construction phases of commercial, institutional buildings and high-rise. The specific credits in the rating system provide guidelines for the design and construction of buildings of all sizes in both the public and private sectors. The intent of LEED for New Construction is to assist in the creation of high performance, healthful, durable, affordable and environmentally sound commercial and institutional buildings. As a LEED AP firm, Silling has distinguished itself as having the knowledge and skills necessary to participate in the design process, to support and encourage integrated design, and to streamline a buildings LEED application and certification process.

Our Staff



Thomas Potts, AIA
Principal

Jody Driggs, AIA
Principal

Edward Weber, AIA, LEED AP
Senior Associate

Michael Moore, Associate AIA
Director of Business Development

Sean Simon, AIA
Construction Contract Administration

Martin Klapproth, Associate AIA
Project Manager

Jeremy Jones, Associate AIA
Designer, Project Manager

Carmen Wong, Associate AIA
Designer, Project Manager

Jason Rutledge, Associate AIA
Senior CAD Technician

Kim Ellis, Associate AIA
Interior Designer, CAD Support

James Thompson, Associate AIA
CAD Technician

Uriah Burgess, Associate AIA
CAD Technician

Josiah Burgess, Associate AIA
CAD Technician

Tamerra Justice
Administrative Assistant, Interior Design

Karl Blake
Accounting

Rachel Garton
Administrative Assistant, Receptionist

Professional Resume

Thomas M. Potts, AIA, Principal

EXPERINENCE & SIGNIFICANT RESPONSIBILITIES

Mr. Potts has twenty years' experience managing and coordinating the efforts of the design team including all design and engineering disciplines. He is the primary point of communications between the client and the architectural and engineering design disciplines. He is responsible for establishing and maintaining project design intent, project design schedule, and budget. As a designer he has extensive experience with a variety of building types, project size/scope, and context. His involvement has included all phases of design from initial programming through the preparation of detailed contract documents and construction. He is currently responsible for the initial schematic design concept solutions including the development of site plans, floor plans, and building image.

Mr. Potts has worked with a wide variety of building types including justice, corporate, health care, financial, educational, governmental, and residential. His justice facilities design experience includes numerous projects with a total cost exceeding $220 million and more than 1,000,000 square feet. Tom's recent experience as Project Architect and Designer includes the Morgan County Courthouse, Allegany County District Court, West Virginia Lottery Headquarters, Hampshire County Judicial Center, Huttonsville Correctional Center, Star USA Federal Credit Union, Jefferson County Judicial Center, Raleigh County Judicial Center, Greenbrier County Judicial Center, Medina County Courthouse, Stevens Correctional Facility, and New River Community and Technical College.

EDUCATION:

Bachelor of Architecture with High Honors
The University of Tennessee 1990

LICENSES & CERTIFICATIONS:

Licensed to practice architecture West Virginia (1994) , Virginia (2001)

PROFESSIONAL AFFILIATIONS:

West Virginia AIA, Ex-President & Executive Committee Member
Academy for Justice Architecture, American Institute of Architects

AWARDS & RECOGNITION:

2004 AIA WV Honor Award, Excellence in Architecture, Star USA Federal Credit Union * 1989 Hill's Pet Products National Design Competition, First Place Entry, Veterinary Clinic

Professional Resume

Jody S. Driggs, AIA, Principal

EXPERIENCE & SIGNIFICANT RESPONSIBILITIES

Mr. Driggs has twelve years' experience including all phases of architectural programming, design, and contract document production. As a designer, Mr. Driggs has contributed greatly to the development of design concepts and options on all projects within the firm. He is particularly talented in the creation of architectural images and form appropriate to a given design context. His experience at the Urban Design Institute in Chattanooga, Tennessee gives him a unique perspective of the urban character and dynamics of each design. He is skilled at the use of three-dimensional computer modeling as a valuable study tool for both the client and the design team in search of a fresh and creative design solution.

As a project architect he is responsible for working closely with the owner to establish clear programmatic needs and design criteria. He is responsible for developing responsive schematic site plans, floor plans, and elevations that blend the meaning and spirit of the owner's program with site and cultural forces. Mr. Driggs' recent experience as Project Architect/Manager includes the St. Timothy Lutheran Church, the award-winning James C. Wilson Student Union at West Virginia State University, West Virginia Lottery Headquarters, Martinsburg City Hall, McDowell County National Banks, 2006 West Virginia State University Campus Master Plan, West Virginia University Tech Student Center, and Bible Center Church.

EDUCATION:

Bachelor of Architecture
The University of Tennessee 1996

LICENSES & CERTIFICATIONS:

Licensed to practice architecture West Virginia (2001), Kentucky (2004), Ohio (2005), Maryland (2005), Pennsylvania (2005)

PROFESSIONAL AFFILIATIONS:

Treasurer, WV Chapter, American Institute of Architects

AWARDS & RECOGNITION:

2005 AIA WV Merit Award for Achievement in Architecture, James C. Wilson Student Union, West Virginia State University * Goodstein and Associates Technical Drafting Award for Achievement and Excellence in the Field of Architecture * Honorable Mention, Fourth Year Design Competition, Thesis Project Letter of Excellence, University of Tennessee * The State Journal "40 Under 40" Award Winner - 2006 * West Virginia Executive "Young Gun" Award-Winner, 2007

Professional Resume

Edward E. Weber, AIA, LEED AP

Senior Associate

EXPERIENCE & SIGNIFICANT RESPONSIBILITIES

Mr. Weber has seventeen years' experience as a practicing architect with significant work in all phases of architectural programming, schematic design, design production and construction contract administration. After graduating from Notre Dame in 1992, Ed joined the Chicago office of Richard Gibbons and Associates. There he managed high-end custom residential projects of renovation and new construction work with construction budgets between $500,000 and $20,000,000. In 1999, Ed was offered partnership and the firm of Gibbons, Fortman & Weber was created in January of 2000. Under GFW, the office work expanded and projects became more diverse with commissions for hospitality design of restaurants and lounges, as well as residential and commercial developments throughout the city. Having joined Silling Associates in 2006, Ed brings his extensive project management experience and design talent to the firm's major commissions. His involvement is specifically appropriate in those projects pertaining to campuses and master plans, urban settings, historic contexts, and residential scale.

With Professional Accreditation by the U.S. Green Building Council (USGBC) in coordination with the Green Building Certification Institution (GBCI), Ed holds the title of LEED AP for New Construction and Major Renovations. As a LEED AP (Leadership in Energy and Environmental Design), Ed has distinguished himself as having the knowledge and skills necessary to participate in the design process, to support and encourage integrated design, and to streamline a building's LEED application and certification process.

EDUCATION:

Bachelor of Architecture
University of Illinois, Chicago 1986

Master of Architecture and Urban Design
University of Notre Dame 1992

LICENSES & CERTIFICATIONS:

Licensed Architect in West Virginia & Illinois

PROFESSIONAL AFFILIATIONS:

Self-Certified Architect, City of Chicago, DCAP; Registered Energy Professional, City of Chicago, DCAP; Former Board of Directors, Habitat for Humanity, Windy City Affiliate Former Construction Committee Chair, Habitat for Humanity, Windy City Affiliate

Professional Resume

Sean S. Simon, AIA

Construction Period Service Manager

EXPERIENCE & SIGNIFICANT RESPONSIBILITIES

Mr. Simon has sixteen years' experience involving all phases of architectural programming, design, construction document production, and construction contract administration. From 1998 through 2007, Mr. Simon operated his own architectural practice (Sean S. Simon, AIA Architects) providing comprehensive design and project management services for a variety of project types including banking, commercial, government, education, health care, religious, and residential.

Sean joined Silling Associates in 2008 as a Construction Period Service Manager, working closely with the firm's production staff throughout the construction document phase and providing construction contract administration services. He will facilitate pre-construction meetings providing clear definition of project goals and owner expectations, review all contractor submittals, product samples, and shop drawings for conformance to the contract drawings and specifications, attend weekly or bi-weekly progress meetings to maintain clear communication with builders, observe installation of materials and systems to verify their conformance with the design intent, and continually monitor the project schedule.

EDUCATION:

Bachelor of Architecture

The University of Tennessee, 1992

LICENSES & CERTIFICATIONS:

Licensed to practice architecture in West Virginia, Maryland, Ohio, Virginia, and Pennsylvania.

PROFESSIONAL AFFILIATIONS:

American Institute of Architects, West Virginia Chapter (AIAWV)

CIVIC INVOLVEMENT:

Cub Scoutmaster for Pack 434 and Pack 435

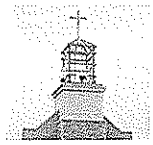
Our Markets

JUSTICE ARCHITECTURE

Courts, Governmental Administration, Jails & prisons

CORPORATE ARCHITECTURE

Corporate and Professional Offices



WORSHIP ARCHITECTURE

Churches, Places of Worship, Religious Education

WELLNESS ARCHITECTURE

Hospitals, Health Care Centers, Medical Offices

EDUCATIONAL ARCHITECTURE

Colleges and Universities

RESIDENTIAL ARCHITECTURE

Private Residences and Urban living

Mineral County 911 Center

911 & Emergency Services Center

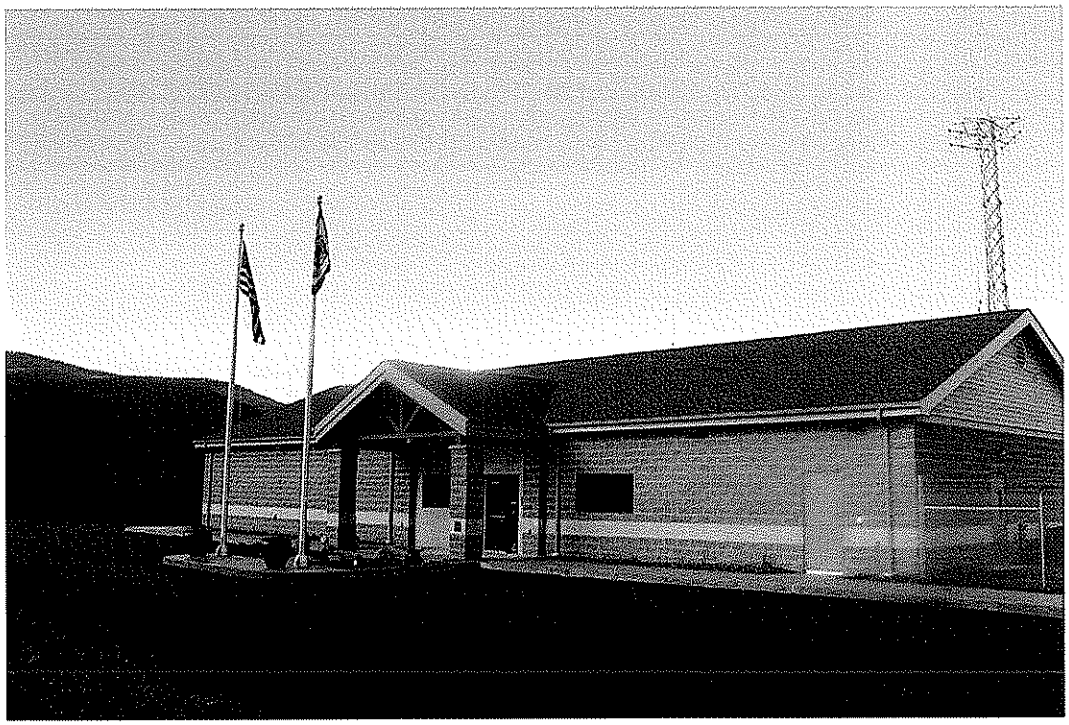
BUILDING AREA:
4,500 gsf

CONSTRUCTION TYPE:
New Construction

CONSTRUCTION COST:
$1,500,000

COMPLETION DATE:
2008

PROJECT CONTACT:
Mr. Michael Bland
County Administrator
neral County Commission
150 Armstrong Street
Keyser, WV 26726
1.304.788.5921



Silling Associates designed a new, 4,500 square foot 911 and Emergency Services Center for Mineral County, located in Keyser. The new facility features state-of-the-art emergency response and security technology and includes a Call Center, EOC Room, Training/ Conference Room, maps and storage room, kitchen, bunk room, and administrative offices for the OEM Director and support staff.

The project was completed in 2008.

West Virginia Lottery Headquarters

Offices/Governmental

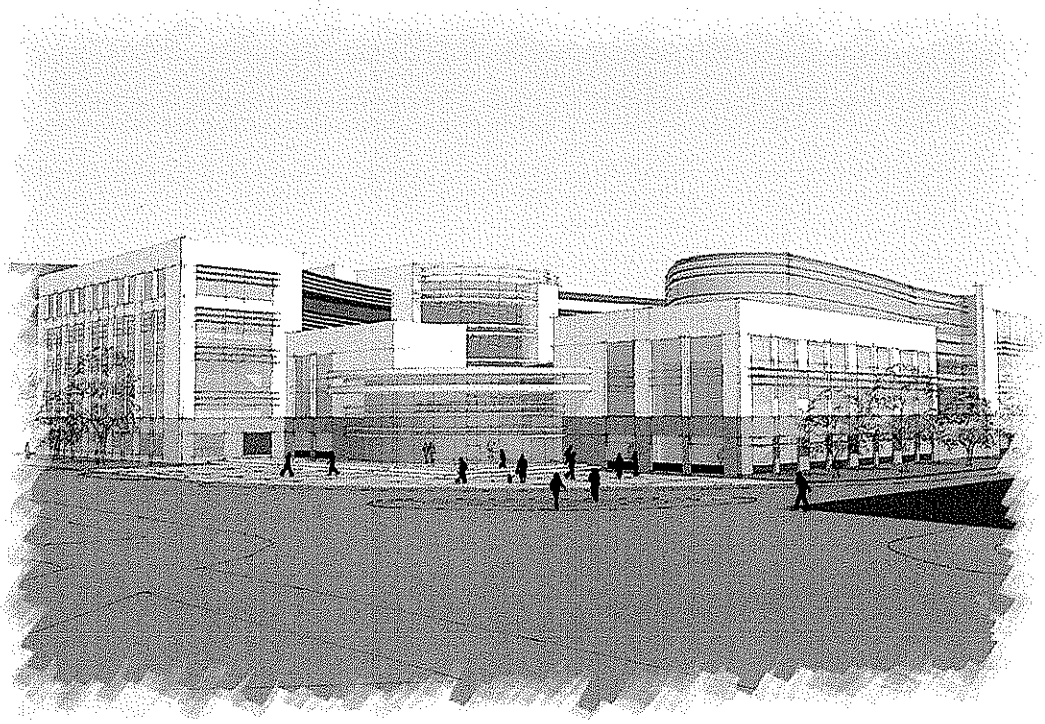
BUILDING AREA:
120,000 gsf

CONSTRUCTION TYPE:
New Construction

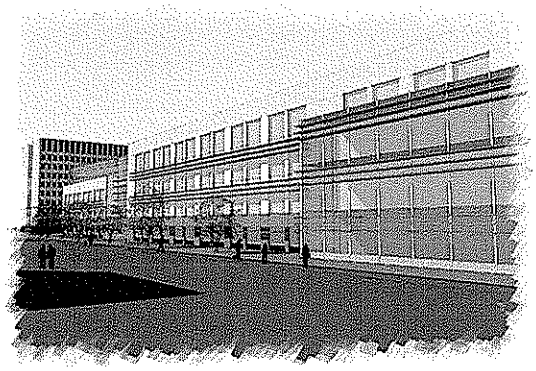
CONSTRUCTION COST:
Est. $35,000,000

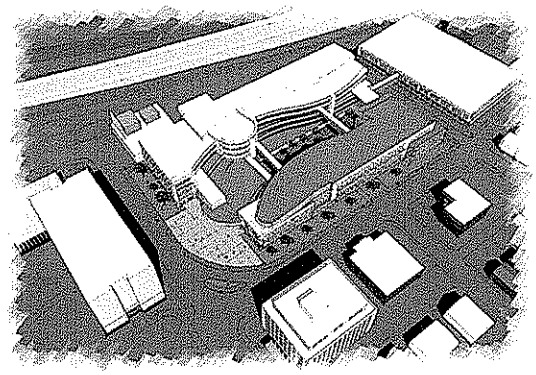
COMPLETION DATE:
2012

PROJECT CONTACT:
John Musgrave, Director
West Virginia Lottery
P.O. Box 2067
Charleston, WV 25327
304.558.0500

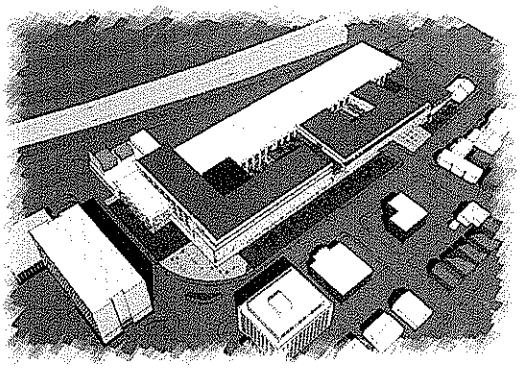


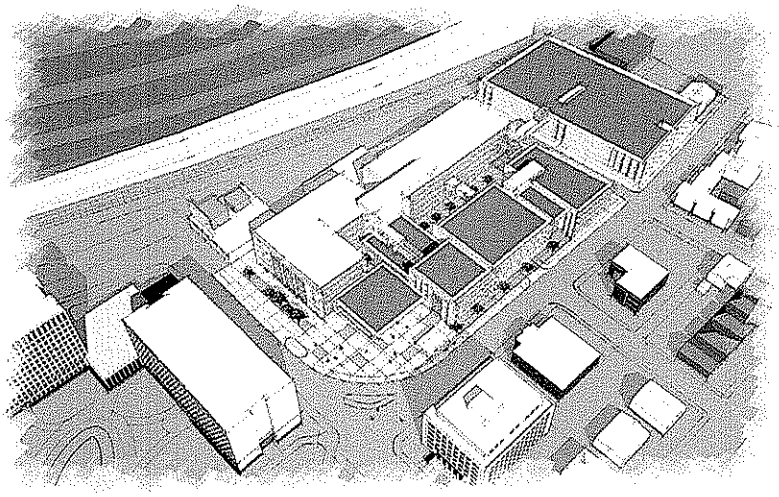
The West Virginia Lottery Headquarters project is preliminarily planned as a 116,250 GSF governmental office center to be located in Charleston, WV. The building is planned to house the offices and related functional space of the WV Lottery, with additional space to accommodate the WV Lottery Vendor, the Alcohol Beverage Control Commission, the Racing Commission, the Athletic Commission, and the Charitable Gaming Commission.



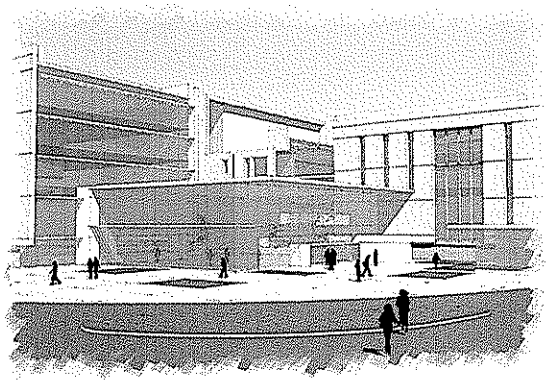


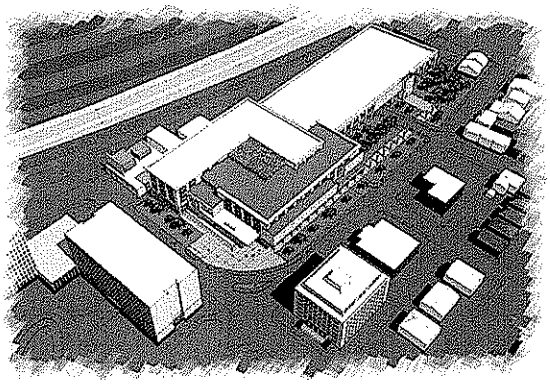
ALTERNATE DESIGN CONCEPTS





"GREEN" roofs





WV Capitol Complex, Supreme Court of Appeals

Governmental/Office

BUILDING AREA:
5,000 gsf

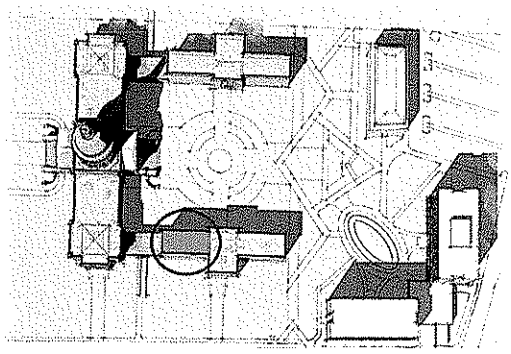
CONSTRUCTION TYPE:
Renovations

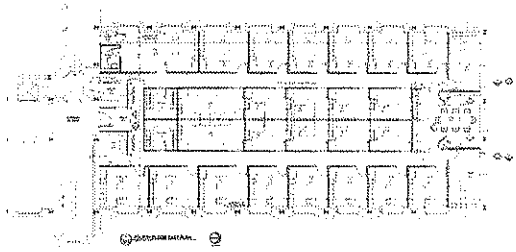
CONSTRUCTION COST:
$877,000

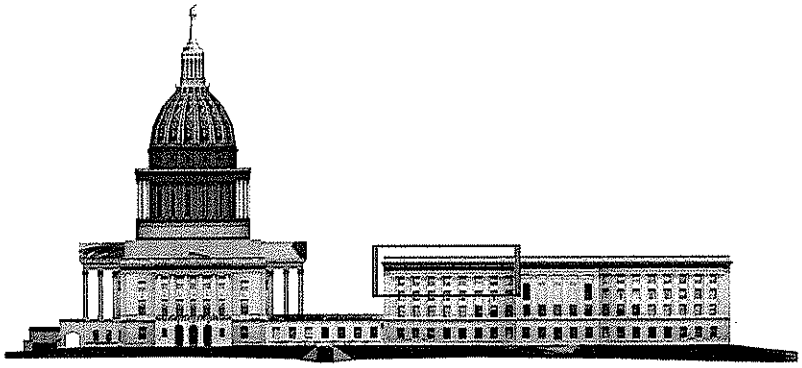
COMPLETION DATE:
2009

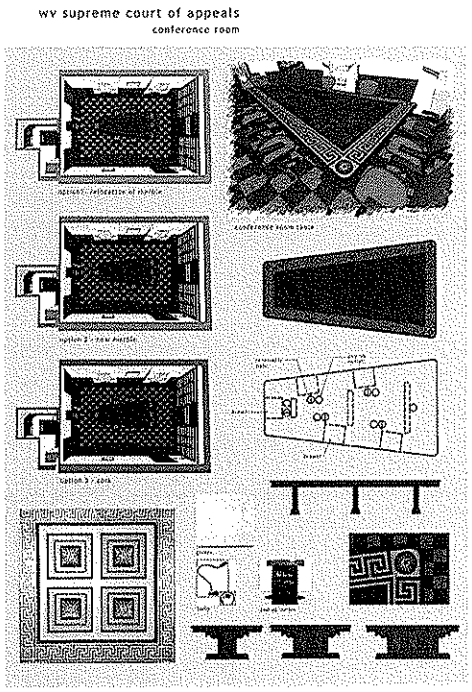
PROJECT CONTACT:
Mr. P. Fletcher Adkins
irector of Support Services
Admin. Services Division
ıpitol Complex, Building 1,
Room E-100
Charleston, WV 25305
304.558.0145

This project involves the renovation of approximately 5,000 square feet of office space on the fourth floor East Wing of the West Virginia State Capitol Building. The program includes 30 new offices andcommon space for assistant lawyers to the Supreme Court Justices, clerks, and workers comp attorneys. The goal of the project is to create a working environment which is lighted naturally and affords the greatest amount of individual control of heating/cooling and light levels as well as acoustic isolation between spaces. The space will be entirely gutted and renovated with new partitions, HVAC, lighting, and finishes. A private bathroom and group kitchenette will be added to the facility. Construction is underway and will be complete in May of 2009.

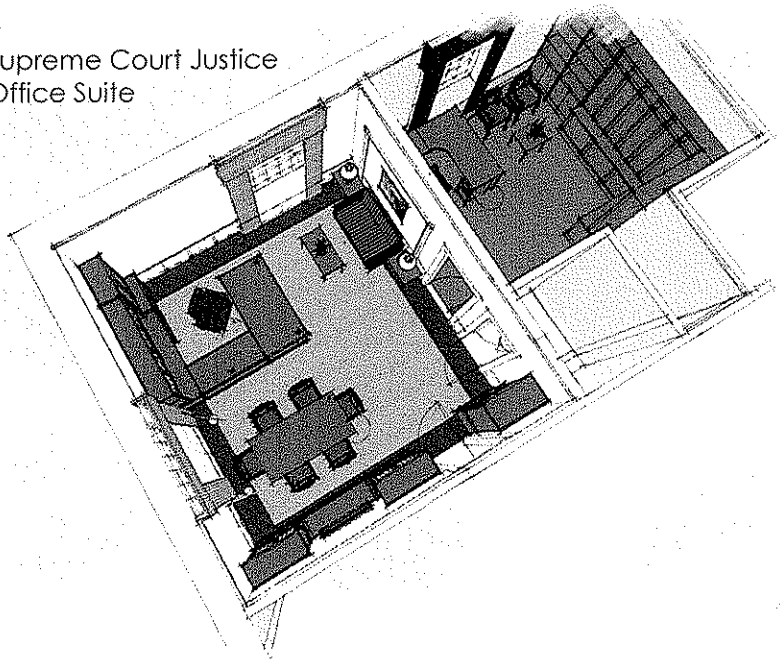


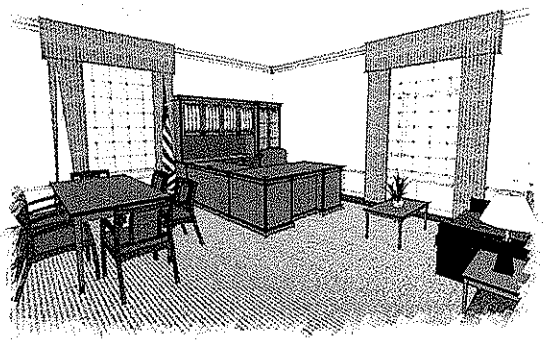






Supreme Court Justice
Office Suite

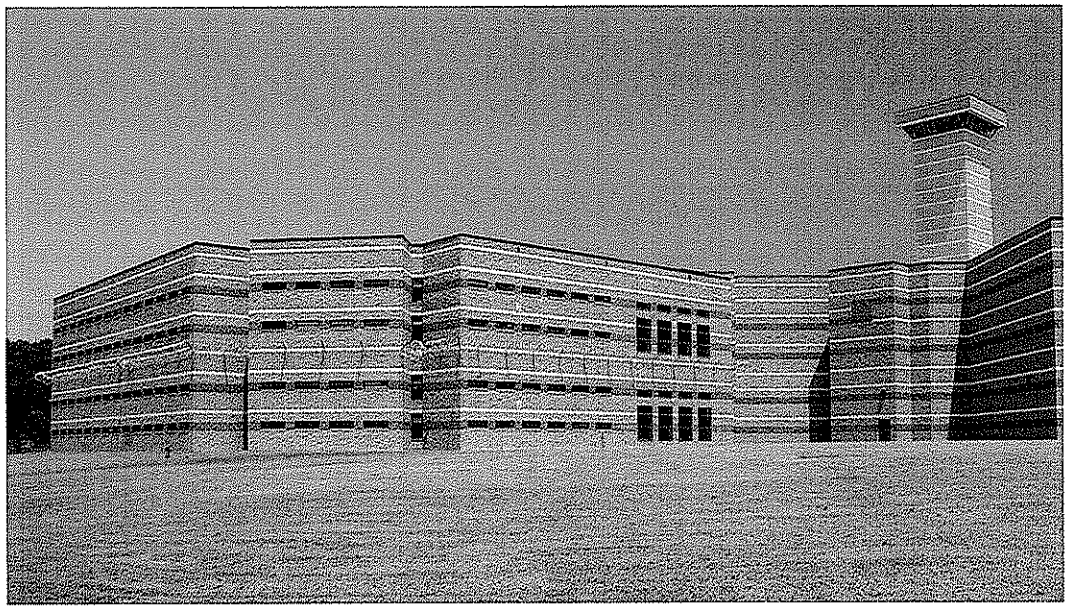




Conference
Room

Mount Olive Correctional Center

Corrections



BUILDING AREA:
425,000 gsf

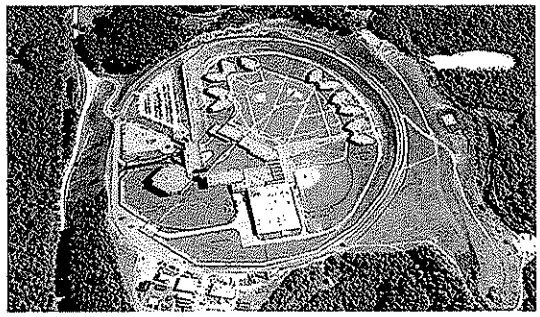
CONSTRUCTION TYPE:
New Construction

CONSTRUCTION COST:
$58,000,000

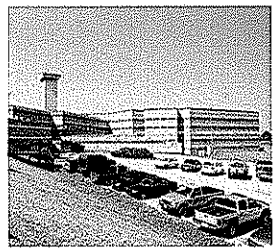
COMPLETION DATE:
1995

PROJECT CONTACT:
Mr. Steve Cantebury,
Administrative Director
WV Supreme Court
Capitol Complex
Building 1, Room E-100
harleston, WV 25305-0830
304.558.0145

Mount Olive is West Virginia's primary correctional facility with a capacity of 800 adult male inmates. It is a 425,000 sf campus of fifteen buildings arranged in a classic fan shape arrangement inside a secure compound. The building inventory included medium, maximum and minimum security housing with typical support facilities such as education, recreation, prison industries, kitchen and dining, visitation, intake and classification, medical, and administration.



The 80-acre former strip mine site which had uncontrolled mine overburden fill had been deep mined below, requiring extensive study and engineering to design several different foundation structural systems. The infrastructure and support services were designed for future growth and can accommodate 240 additional beds when needed.



"The Mount Olive complex is not extravagant; it is something totally different. The beauty lies in a public building which constitutes the best evidences of the character of material, success and solidarity, culture and true civilization of the State of West Virginia. It is a stoic and durable structure; proof positive of our great faith and devotion, spirit and values."
--Gregory K. Lipscomb, Upper Kanawha Valley Economic Development Authority

Chesapeake Energy Field Offices

Offices/Industrial

BUILDING AREA:
Combined 120,520 gsf

CONSTRUCTION TYPE:
New Construction

CONSTRUCTION COST:
Combined $26,800,000

COMPLETION DATE:
2008-2009

PROJECT CONTACT:
Mr. Dan LeDonne
Director of Admin. Services
Chesapeake Energy Corp.
405.879.9251

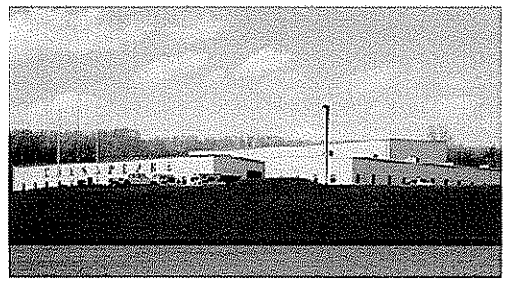
Silling Associates is also providing architectural design, production, and construction contract administration services for four regional field offices. Locations include Jane Lew (WV), Inez (KY), and Mount Morris (PA).

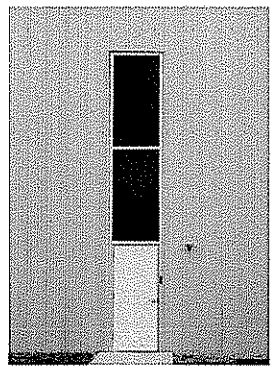
The **Jane Lew** field office (shown) includes two office buildings totaling 17,000 sf and a maintenance facility totaling 8,500 sf. The maintenance facility features three service bays, 2 large storage areas, wash bay, and a 10-ton bridge crane.

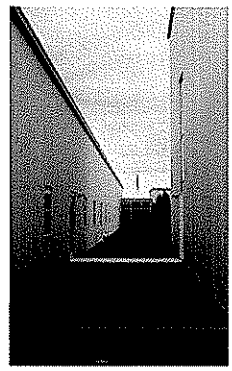
The **Mount Morris** field office includes a 10,000 sf office area, 26,645 sf vehicle maintenance facility, and 3,900 sf small parts storage area. The maintenance facility features an engine rebuild bay, three equipment service bays, wash bay, drive-through paint booth, paint storage, compressor rooms, general storage, two 20-ton bridge cranes, and a 5-ton JIB crane.

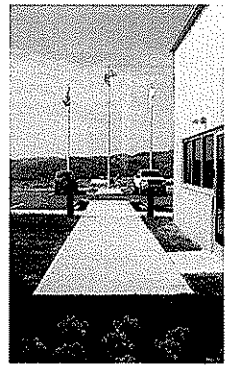
The **Inez-Chesapeake** project is comprised of four office buildings totaling 33,480 sf, plans for two future office buildings, and an 8,370 shop building.

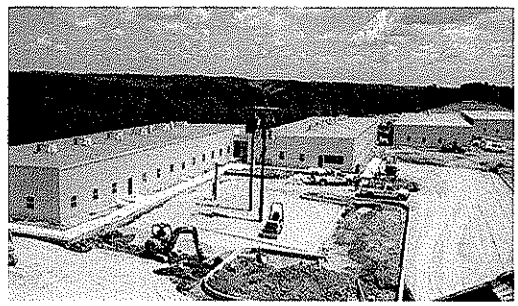
The **Inez-MIDCON** facility includes a 3,925 office area and an 8,700 sf shop area with four service bays.







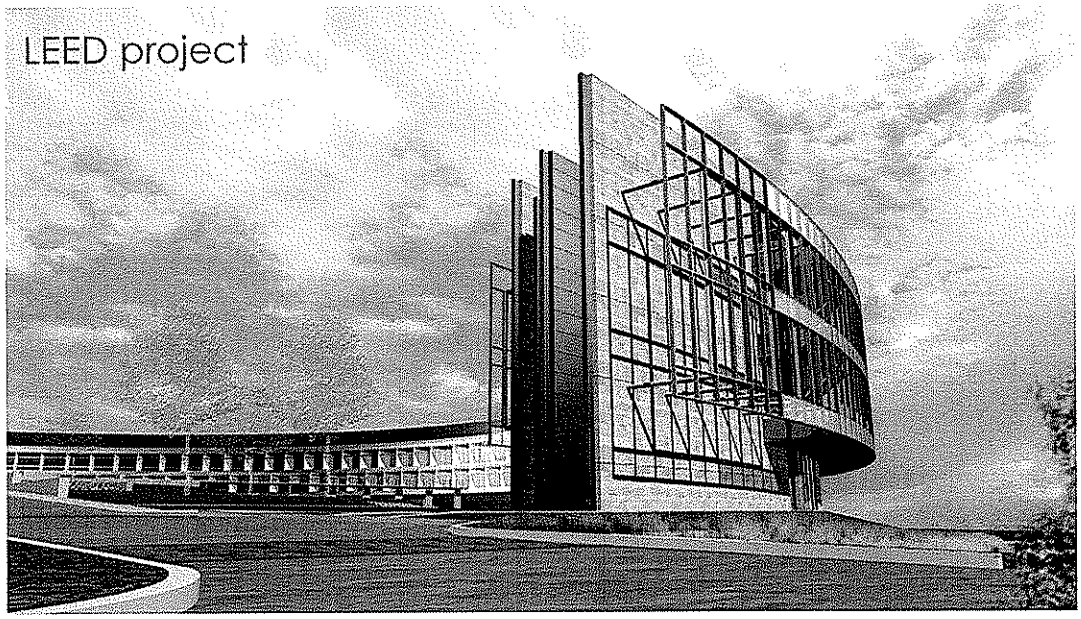




HONOR AWARD FOR EXCELLENCE IN ARCHITECTURE
American Institute of Architects - West Virginia Chapter

Chesapeake Energy Headquarters

Corporate Office



BUILDING AREA:
121,400 gsf

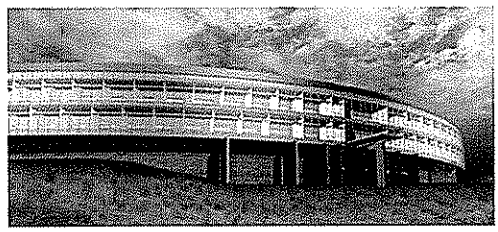
CONSTRUCTION TYPE:
New Construction

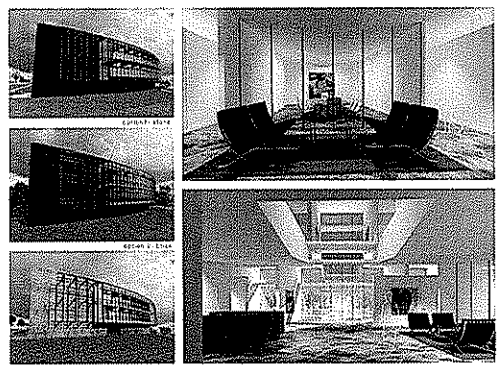
CONSTRUCTION COST:
$39,000,000

COMPLETION DATE:
TBD

PROJECT CONTACT:
Mr. Dan LeDonne
irector of Admin. Services
:hesapeake Energy Corp.
405.879.9251

This 121,212 square foot building on a 32.7 square acre site is designed for West Virginia's temperate climate with a sincere desire to both respect and respond to the surrounding West Virginia landscape. The corporate regional headquarters includes over 350 offices, a large dining and kitchen space, multiple conference spaces, storage, and office support spaces, as well as a fitness area with locker rooms and an exterior nature preserve and hiking trails. The project design engages the land in a way to minimize the building footprint by making use of a cantilevered building structure as well as following the line of the crown of the hill on which it is situated.





With an estimated construction cost of $39M and projected track towards a LEED Gold rating, the project includes 296 total parking spaces with a concentric site design concept meant to encourage walking and enhance views to the surrounding landscape. Other health related and LEED aspects of the design include high performance glazing and mechanical equipment to reduce CO2 emissions, use of recycled fly ash in concrete parking materials to reduce heat sink effect, storm water retention and grey water irrigation systems, operable windows and advanced lighting and thermostat controls, water conserving plumbing fixtures, and numerous recycled, recyclable and renewable materials throughout the building. The building provides spectacular views from interior offices and employee recreational areas.

New River Community and Technical College

Higher Education

BUILDING AREA:
Various

CONSTRUCTION TYPE:
New Construction

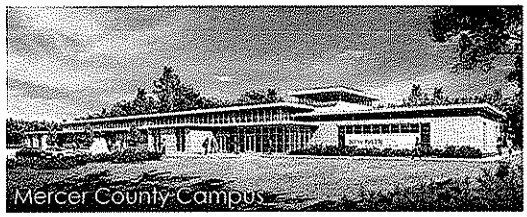
CONSTRUCTION COST:
TBD

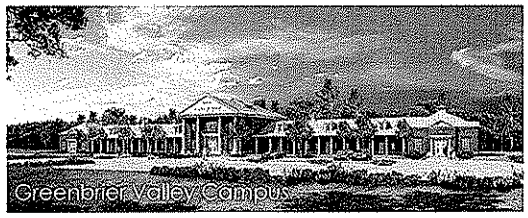
COMPLETION DATE:
TBD

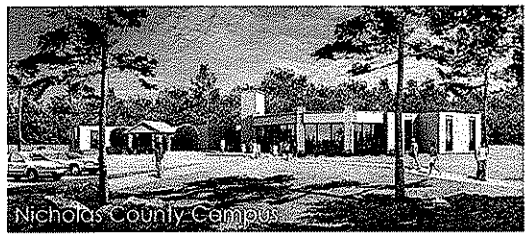
PROJECT CONTACT:
Ted D. Spring Ph.D.
President
ew River Community and
Technical College
221 George Street, Suite 2
Beckley, WV 25801
304.929.5472


Beckley Campus

Silling Associates developed the 2007-2017 Facilities Master Plan which supports New River's long-range strategy to create essential facilities that will make possible a positive, successful response to the "challenge and promise" of future enrollment growth and expansion. The Facilities Master Plan identifies areas of current space deficiencies and proposes renovated space and new facilities to meet the college's needs for the next ten years. Specifically, the plan projects improvements through renovations and additions at the Greenbrier Valley and Nicholas County campuses, and development of new campuses for the Beckley and Mercer county regions. Concepts shown here include a new 75,000 sf academic and technical center at the Beckley campus, a 20,000 sf technical education center in Lewisburg, a 35,000 sf academic and technical training center in Mercer County, and creative additions and renovations to the existing Nicholas County facility.


Mercer County Campus


Greenbrier Valley Campus


Nicholas County Campus

MERIT AWARD FOR ACHIEVEMENT IN ARCHITECTURE
American Institute of Architects - West Virginia Chapter

James C. Wilson Student Union
Higher Education

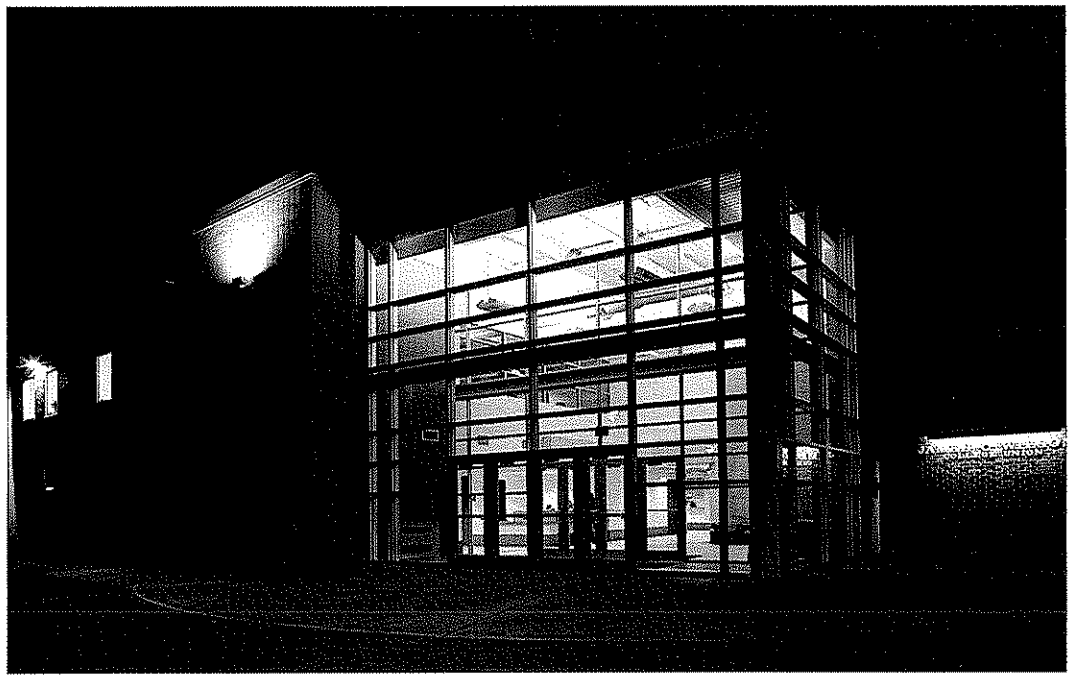
BUILDING AREA:
46,378 gsf

CONSTRUCTION TYPE:
Additions/Alterations

CONSTRUCTION COST:
$4,300,000

COMPLETION DATE:
2005

PROJECT CONTACT:
Mr Bryce Casto
VP of Student Affairs
:st Virginia State University
P.O. Box 1000
Institute, WV 25112-1000
304.766.3000



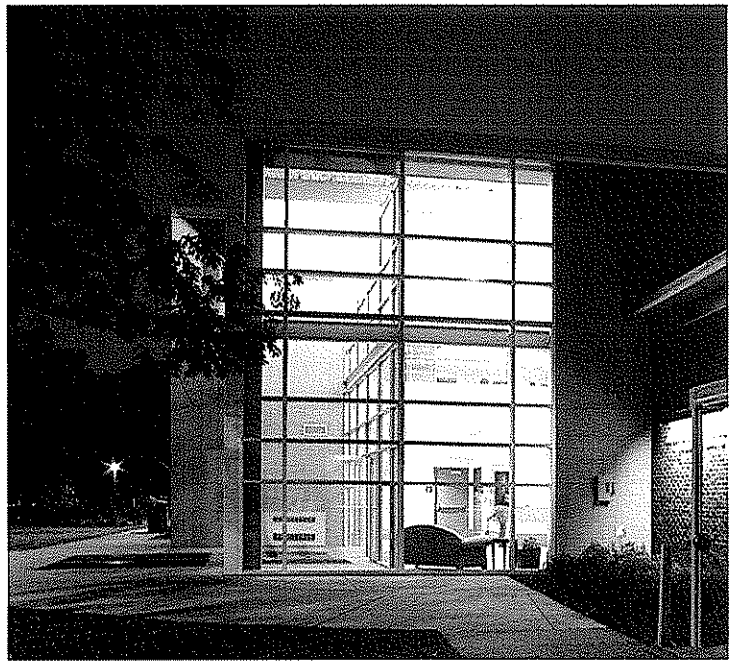
Critical goals of the James C. Wilson Student Union Additions and Alterations project were to present an appropriate front porch to the dominant commuter segment of the student body, enhance the connection to the formal campus center from the parking zones, and create many opportunities for student activities and services within the facility, yielding a truly diverse yet cooperative organization of functional spaces and improving the ability of the University to serve the modern student. In providing a broader spectrum of spaces and services, the Student Union aspired to again become the center for social activity and anchor West Virginia State's provision for a rich college experience.

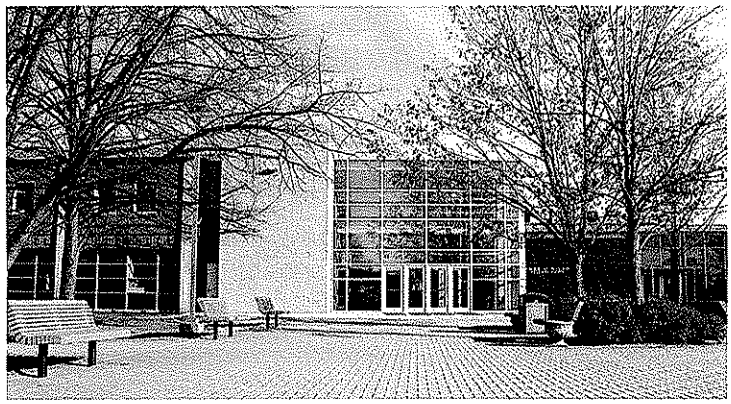
The design solution includes three key additions to the structure: a two-story entrance element that addresses the formal campus lawn and pedestrian plaza, a one-story entrance element that addresses the commuter parking area and reorients service deliveries at the loading dock, and a twostory circulation element that provides accessible vertical connection between the basement and main floor levels. Additionally, extensive interior demolition and renovations carve a dynamic streetspace through the facility, connecting the commuter students to the campus center, facilitating multiple events of activity and services, and creating an informed path.

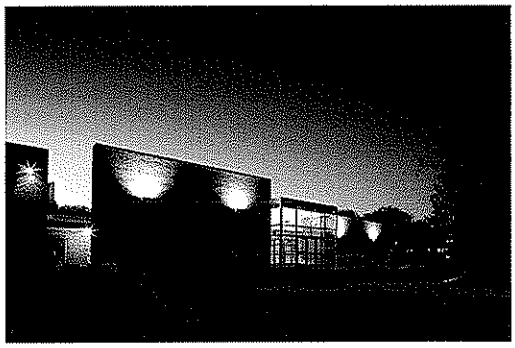
MERIT AWARD FOR ACHIEVEMENT IN ARCHITECTURE
American Institute of Architects - West Virginia Chapter

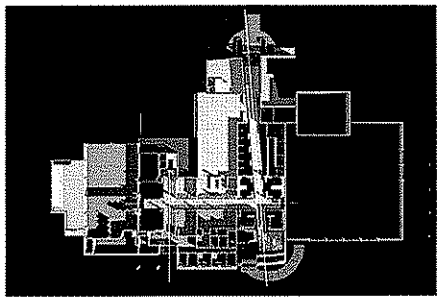
The new additions emphasize and draw users into the axial streetspace system and work, in their construction and use of glazing, to bring the exterior public spaces into the facility and stretch the interior public space out into the larger campus network. The palette of materials, while closely relating to those of the existing structure, are assembled in a slightly different way and attempt to speak to the young person of the twenty-first century.

The project included complete renovation of 38,543 square feet on three floors as well as three additions totaling 7,835 square feet. In addition to complete reconfiguration of the interior spaces of all levels, the project required replacement of all mechanical equipment, including air handlers, cooling tower, hydronic piping, and ductwork. Electrical requirements included replacement of main switchgear and distribution panels, installation of new light fixtures and devices, introduction of a complete data network system, and the addition of an emergency generator. All existing exterior glazing and window framing was replaced, the entire facility was fitted with a new modified built-up roofing system, and all existing hazardous materials were abated.









Marshall University Visual Arts Center

Higher Education

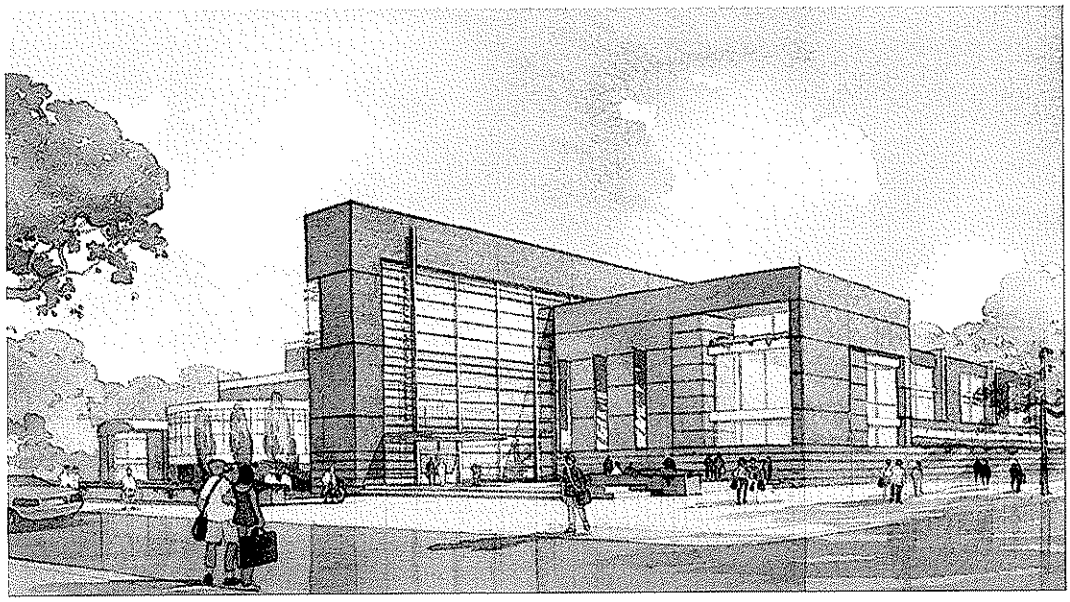
BUILDING AREA:
80,000 gsf

CONSTRUCTION TYPE:
New Construction

CONSTRUCTION COST:
$18,000,000

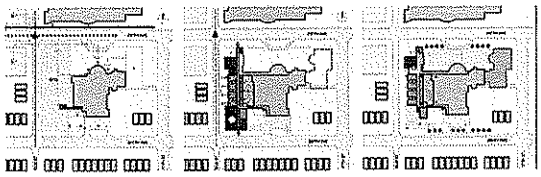
COMPLETION DATE:
TBD

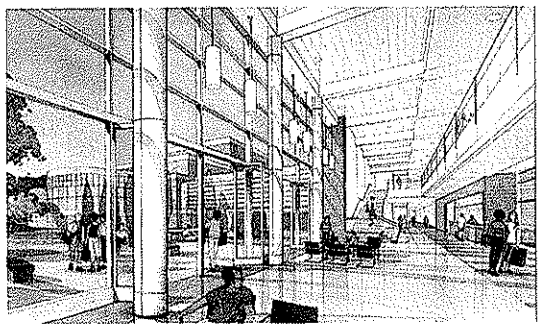
PROJECT CONTACT:
Mr. Mike Meadows,
ector of Facilities Planning
and Management
400 Hal Greer Boulevard
Huntington, WV 25755
304.696.6415



Marshall University commissioned the team of Silling Associates & Polshek Partnership to assess the feasibility of consolidating its Arts Department—currently located in more than twelve buildings—within a single new facility. Intended to increase synergies between art disciplines and elevate the department's campus- wide prominence, this new 80,000 square foot, $18 million facility will house studios for painting, drawing, sculpture, and weaving. It will also accommodate a state-of-the-art digital media laboratory, as well as a gallery for student and faculty exhibitions.

Just beyond the perimeter of the historic campus, the facility's site is located at the intersection of the town and the university. The building's design acknowledges this condition and acts as a gateway to the campus, welcoming students and the public to circulate through the ground floor common areas.





Hampshire County Judicial Center

Courthouse/Judicial

BUILDING AREA:
34,000 gsf

CONSTUCTION TYPE:
New Construction

CONSTRUCTION COST:
$5,400,000

COMPLETION DATE:
2008

PROJECT CONTACT:
Mr. Walt Davis, Chairman
ampshire County Building Commission
405 West Main Street
Romney, WV 26757
540.539.1909

Silling Associates was commissioned by the Hampshire County Building Commission to design a new courts facility in the heart of downtown Romney. The new 34,000 square foot, two-story judicial center will include the County's Circuit Court and Clerk, Family Court, Magistrate Court and Clerk, and the Prosecuting Attorney. The design creates a modern and secure courts center that efficiently separates public, staff, and detainee circulation throughout the building. The project involved a close collaboration with the County, the WV Supreme Court, the State Historic Preservation Office, the Building Commission, and the city of Romney. Architecturally, the building responds to both the historic character of downtown Romney and the historic Courthouse with its own blend of materials, scale, and detail.

Raleigh County Judicial Center

Courthouse/Judicial

BUILDING AREA:
62,000 gsf

CONSTRUCTION TYPE:
New Construction

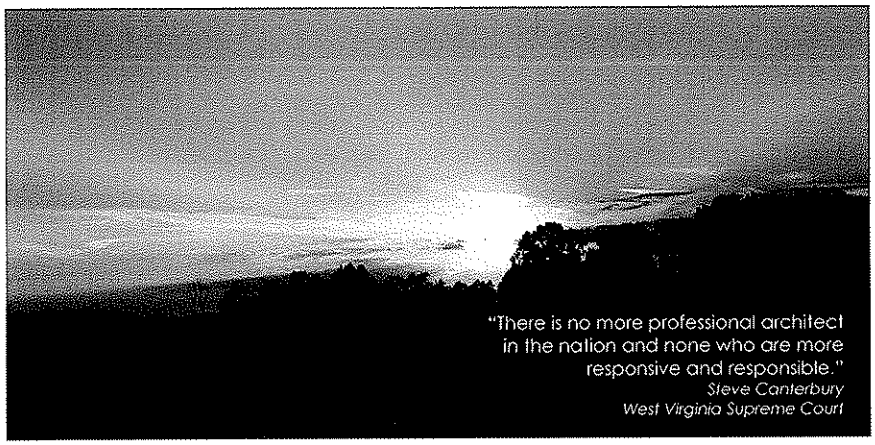
CONSTRUCTION COST:
$11,000,000

COMPLETION DATE:
2010

PROJECT CONTACT:
Mr. Dennis Sizemore,
County Administrator
Raleigh County Building
Commission
16-1/2 North Heber Street
Beckley, WV 25801
304.255.9146

Silling Associates has been chosen by the Raleigh County Building Commission to design a free-standing judicial annex in downtown Beckley, WV. The proposed site is situated on a prominent corner just opposite of the existing County Courthouse and the new Robert C. Byrd Federal Courthouse. Departments to be included in the new facility include the County's Circuit Court, Circuit Clerk, Family Law Court, Magistrate Court, Magistrate Clerk, and Prosecuting Attorney. Courtroom technology and acoustical design will be provided by consultant Martin Gruen, Executive Director of Courtroom 21 at William & Mary Law School.

References



Mr. Steve Canterbury, Admin. Director
WV Supreme Court Capitol Complex
Building 1, Room E-100
Charleston, WV 25305-0830
304.558.0145

Mr. Jim Rubenstein, Commissioner
WV Division of Corrections
112 California Avenue, Room 300
Charleston, WV 25305
304.558.2036

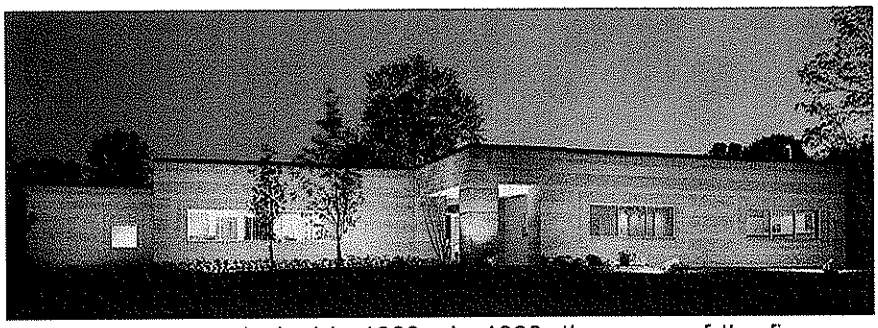
Mr. Bill Wimer, Construction Manager
WV Division of Corrections
112 California Avenue, Room 300
Charleston, WV 25305
304.558.2036

Mr. Walt Davis, Chairman
Hampshire County Building Commission
405 West Main Street
Romney, WV 26757
304.496.7451
540.539.1909

Mr. John D. Robertson, General Manager
Charleston Civic Center
200 Civic Center Drive
Charleston, WV 25301
304.345.1500

Offering Mechanical, Electrical,
Civil and Telecommunication
Consulting Engineering Services

Scheeser*Buckley* Mayfield, Inc., is an Akron-based Consulting Engineering firm. The firm has enjoyed a steady growth in clients and geographical area served throughout its history. Originally serving clients only in the Akron and Canton areas, the firm now serves clients throughout Ohio and surrounding states.



The firm was established in 1959 by Walter L. Scheeser and Edwin J. Buckley, specializing in the design of mechanical systems for the construction industry. On August 1, 1975, the firm was incorporated as Scheeser and Buckley, Inc. William B. Miller, Jr. became a principal in the firm in 1978 and Gary E. Starr became a principal in 1982. In 1983, the name of the firm was changed to Scheeser*Buckley*Miller*Starr, Inc. Upon the retirement of Mr. Buckley in 1985, Mr. Miller assumed the position of President and Mr. Starr the position of Executive Vice President. Mr. Miller retired in 1999 and Mr. Starr assumed the position of President. In addition, Michael P. Wesner, P.E., James E. Eckman, P.E., and James P. Kulick, P.E. became Vice Presidents of Mechanical Engineering and Electrical Engineering and Personnel respectively. In 2001, Kevin M. Noble, P.E. and Marlon C. Hathaway, P.E. were both named as Principals to the firm. Mr. Starr retired in December 2002 and Mr. Eckman assumed the position of President. Mr. Hathaway is now the V.P. of Electrical Engineering.

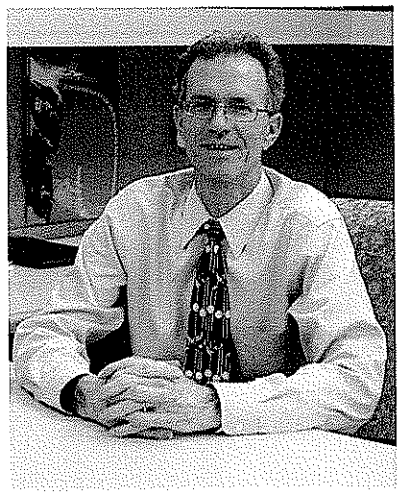
In 1987 Scheeser*Buckley*Miller*Starr, Inc. merged with V.R. Mayfield & Associates, Inc., a Canton, Ohio based electrical consulting firm, to form the present corporation which offers both mechanical and electrical design services to its diversified list of clients. V.R. Mayfield & Associates, Inc. was a long established electrical design firm of outstanding reputation also serving clientele throughout Ohio and surrounding states. The joining of the two firms has greatly strengthened the position of the firm in the design community and has helped insure the continued growth and excellent reputation the two firms enjoyed during their separate histories.

Scheeser*Buckley*Mayfield, Inc. has developed an outstanding reputation for its accessibility to its clients, and the clarity and completeness of its documents. The firm has been a leader in the application of new technology and communications and computer aided design document production. We have had extensive experience in the design and analysis of projects of all sizes. With this wide range of experience, we are able to not only design, but record the results of the design to continue to improve the total systems design. Each project requires an analysis of the most cost effective system available based on the client's design parameters. It is also the responsibility of the design team to determine if other options exist, which may be beyond the scope of the current budget, which need to be considered on the current project to allow for future growth. Scheeser*Buckley*Mayfield, Inc. gives this personal attention to each project by determining the project design which can be implemented within the client's budget while applying innovative design concepts.

Many of our projects each year originate from clients who have used our services previously and wish to continue a professional association. Scheeser*Buckley*Mayfield, Inc. strives to provide very professional, competent engineering services to all of our clients and to develop a personal relationship with these clients. Our on-going association with clients provides an opportunity for them to better understand design concepts as well as the logic behind the decisions which may affect their systems for many years after the project's completion.

MICHAEL P. WESNER, P.E., LEED AP, CBCP
VICE PRESIDENT - MECHANICAL ENGINEERING

PERSONAL RESUME



Mike is a graduate of Ohio State University in Columbus, Ohio. He received a Bachelor of Science Degree in Mechanical Engineering in 1981 and later that year joined the consulting firm of Scheeser Buckley Mayfield LLC which was then known as Scheeser*Buckley*Keyser.

During his first few years with the firm, Mike was heavily involved with the Title III of the National Energy Conservation Policy Act (NECPA). This governmental program was established as a cost sharing energy conservation grant programs. This program provided funds to study the operation of schools and hospitals to determine if there were ways to reduce their energy consumption. The program then funded energy conservation measures identified in the reports. As a result of this involvement in many audits and retrofit programs for public school buildings, college and university buildings and hospitals, Mike gained valuable experience in formulating and implementing energy conservation programs in buildings that result in real world savings. This experience carries on in the work that Mike does today.

Since the mid 1980's Mike's project experience has been concentrated in the following areas:

- Large hospital Expansion and remodeling projects.
- Hospital Boiler Plant / Chiller Plant replacement projects.
- University Laboratory projects, both new construction and renovation.
- University Classroom Facilities
- University Dormitory Facilities
- Animal research facilities.
- Secondary education facilities.
- Industrial facilities.
- Telephone / Communications buildings
- Recreation/Athletic Fitness Centers
- Worship Centers

On all of the above facility types, Mike has acted as the Principal in Charge for the firm. The Principal in Charge (PIC) is the single point of contact and is responsible to make sure the project gets done on time and on budget.

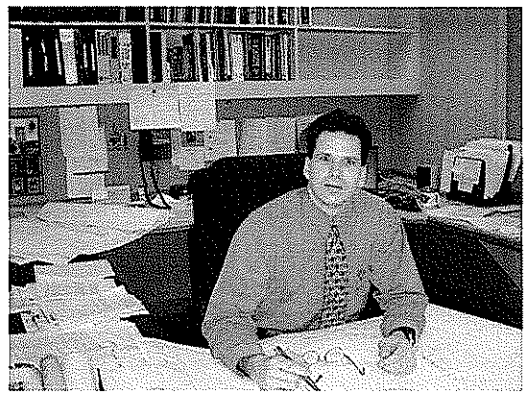
Other types of project experience Mike has had are listed as follows:

- Projects where SBM was the prime design professional hired by the Owner. Typically this has been for chiller plant/boiler plant or other type of main A/C system replacement. This work involved hiring the sub-consultants, preparing the budget/schedule, writing the "front end" specification documents and doing all of the day to day construction administration.
- Projects where SBM was hired to diagnose and correct mechanical system problems
- Projects where SBM was hired to do Mechanical and Electrical Construction Cost Estimating

Mike is a LEED™ 2.0 Accredited Professional and a member of ASHRAE, ASPE, NFPA and BOCA. In 2009, Mike received his Certified Building Commissioning Professional (CBCP) administered by the AEE (Association of Energy Engineers).

MARLON C. HATHAWAY, P.E., LEED AP
VICE PRESIDENT – ELECTRICAL ENGINEERING

PERSONAL RESUME



Mr. Hathaway attended The University of Akron where, in 1992, he earned his Bachelor of Science Degree in Electrical Engineering. While at The University of Akron, Mr. Hathaway accepted a position through the cooperative education program at the Veteran's Administration Medical Center in Brecksville, Ohio. During this engagement he gained knowledge of the construction industry.

After graduation, Mr. Hathaway began his career as a consulting engineer with Scheeser Buckley Mayfield LLC. He has since been involved with all aspects of electrical design including: lighting, power distribution, telecommunications systems, fire alarm systems, video/security systems, nurse call systems and CATV/MATV distribution systems. Mr. Hathaway's responsibilities include both budget and finish electrical construction estimates. He has worked closely with electrical contractors on recent owner requested design/build projects.

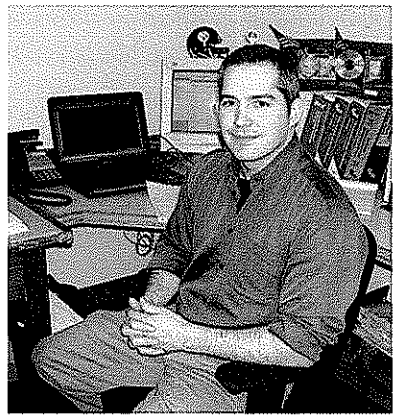
During his consulting career, Mr. Hathaway has designed many hospital and health care related buildings. His experiences cover a wide spectrum in this specific field including O.R. Suites, Pathology Labs, Emergency and Trauma Rooms and Medical Office Buildings. He has prepared contract documents for complex electrical medical equipment including x-ray, CT scanners and digital video processing equipment. He has completed projects in the states of Ohio, West Virginia, Kentucky, Pennsylvania, and Florida.

Mr. Hathaway has extensive experience in the design of complex systems such as fire alarm, audio/video, telecommunications (LAN) systems, and CATV/MATV distribution systems. He is currently a member of the Illuminating Engineering Society (IES), Cleveland Section and has also served as Treasurer in past years.

Mr. Hathaway is registered in the State of Ohio, West Virginia, Kentucky, Pennsylvania and Florida.

JOE HARLESS, RCDD
SENIOR TELECOMMUNICATIONS DESIGNER

PERSONAL RESUME



Mr. Harless has been in the telecommunications industry since he left the construction field in 1991 to install security alarms, fire alarms, CCTV systems, access control systems, CATV cabling, UTP and fiber optic structured cabling, voicemail systems, KSU's, and network electronics for GBS Computer & Communication Systems.

In 1993, Mr. Harless became a Project Manager for GBS where he supervised and coordinated all major installations. During this time he received training and certifications from many manufacturers to ensure GBS' ability to offer extended warranties for their installations.

In 1997, Mr. Harless accepted the position as Network Designer at GBS. There, he performed design, engineering and estimating duties for all GBS' structured cabling and networking projects. In addition to these functions, he provided technical training and support to the field technicians and was responsible for the research and selection of all materials, tools and test equipment.

He received the designation of Registered Communications Distribution Designer (RCDD®) from the Building Industry Consulting Services International (BICSI®) organization in 1997.

Mr. Harless joined Scheeser Buckley Mayfield LLC in July, 2002 as the Senior Telecom Designer and performs the majority of our structured cabling designs along with related telecommunications and technology systems.

Bicsi™
INDIVIDUAL
MEMBER

Bicsi™
RCDD

SCHEESER BUCKLEY MAYFIELD LLC

PROJECT EXPERIENCE

West Virginia Department of Corrections Mt. Olive Command & Training Center

Discipline: Mechanical, Electrical

Scheeser Buckley Mayfield LLC provided mechanical, electrical, plumbing and fire protection design services for a 4,000 sq. ft. training center. The project included an open area for group training as well as support spaced including offices, storage areas, command center and an armory area. The new building is served by two split indoor air handling units with outdoor condensing unit. Duct mounted electrical heaters was utilized to provide reheat and zone temperature control. DDC system has a web module for easy access from main facility. The project involved the addition of an underground electrical service to support the building as well as provisions for connection to a portable generator in the event of an utility outage.

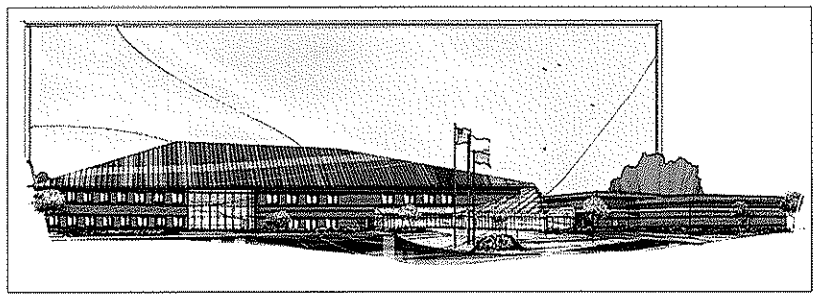
Ohio Department of Transportation District 4 Maintenance Garage and Testing Lab

Discipline: Mechanical

Scheeser Buckley Mayfield completed mechanical, plumbing, and fire protection design for this 25,000 sq. ft. maintenance building. The building consist of 3 portable lift bays, 3 permanent lift bays, and 4 maintenance bays. It also included a bulk fluid storage area, truck work area with overhead crane, testing laboratory, and mechanics room. The plumbing design included hydraulic fluid, compressor air, #1 and #2 fuel oil systems with overhead dispensing racks and oil interceptor with storage compartments. The mechanical systems included gas fired radiant heating, air cooled condensing units and gas monitoring.

Armed Forces Recruiting Center

Discipline: Mechanical, Electrical, Civil Telecommunications



The Whitehall Armed Forces Reserve Center is a new building of approximately 150,272 square feet. The building program includes offices, training facilities, readiness rooms, unit storage facilities, an assembly hall and a kitchen. The project also includes recruiting offices, medical examination rooms and a weapons simulator room. Approximately 900 people will work and train in this facility. Additionally the project consists of a 5,067 square foot Vehicle Maintenance Shop, and an additional 6,549 square foot Storage Building. Scheeser Buckley Mayfield was responsible for the MEPT and Civil design for the facility. The project delivery method was design build with the A/E team participating in the project solicitation response as well as the design documentation. The project was designed to comply with federal energy conservation measures roughly equivalent to a LEED Silver energy performance. The building envelope was modeled by Scheeser Buckley Mayfield to assist in accomplishing

compliance with ASHRAE 90.1-2004

Service for the three building complex was obtained from a new service drop designed to connect to the Bases' 13.2 KV overhead distribution system. The new service drop feeds a 2500 KVA, 13.2KV to 480/277V, 3 phase, and liquid-filled, outdoor padmount transformer. This transformer supplies the Training Building's 3000A, 480/277V Main Switchboard. Separate metered feeds were run from the Main Switchboard for electric service to Vehicle Maintenance Shop and Storage Building. The Training Building's electrical distribution system was designed so that mechanical system equipment is on separate electrical feeds segregating it from the electrical system serving office areas. 208/120V power for the office areas are served by K13 rated step down transformers. The 208/120V distribution systems serving the office areas were designed with a 200% neutral throughout. Building lighting generally consisted of the 2'x 4' recessed fluorescent fixtures in areas with ceilings and 1'x 4' surface industrial fluorescent fixtures in utility areas with no ceilings. Offices and open office areas were generally lit with recessed direct/indirect lighting fixtures. Restrooms and general use spaces were lit with recessed fixtures having acrylic prismatic lenses. Lighting utilized T8 lamps, and electronic ballasts having less than 10% THD. The lighting in open office areas is controlled via a programmable lighting control system. Corridor lighting and lighting in offices having more than one occupant is controlled via ceiling mounted occupancy sensors. Lighting for individual offices is controlled via a wall mounted occupancy sensor. The design included the installation of power and telecommunication feeds for large amounts of modular office furniture. A combination analog addressable fire alarm and mass notification was designed for the Training Building and the Vehicle Maintenance Shop. A tie in with the Base's fire alarm and mass notification was also included. The design provided a building card access/security system which ties in and interfaces with the Bases' existing security system as well as a Cable TV distribution system. The project included the design of the telecommunication system for the three buildings. The designed covered the design of telecommunications rooms, a new telecommunications main distribution frame, wiring, and jacks.

The project included secured car and truck parking / service lots that utilized extra strength 12" high concrete curbs, reinforced concrete curbing and sidewalks, concrete filled bollards, high security barrier arm gates, and chain link security fencing to protect the buildings from vehicular assaults. The design also included standard and heavy duty asphalt pavement and concrete pavement sections. Pavement and curbing underdrain systems were utilized in conjunction with the design of the site closed storm system and stormwater management facility to extend the expected life of the pavement sections. Additional pavement design work included striping, handicap ramps, handicap signage, and concrete dumpster pad with masonry enclosure and access gate.

Ohio Bell Telephone
Boettler Oaks Coin Garage

Discipline: Mechanical, Electrical

Mechanical and electrical engineering services were provided for this approximately 12,000 sq. ft. facility. This facility consisted primarily of a large garage area, office areas, shop areas and mechanical/electrical spaces. Electrical systems consisted of new energy efficient lighting, power and telephone service, fire alarm system, and wiring of vault security system. Power distribution for the facility consisted of a new pad-mounted transformer located outside the building feeding a new 400 amp, 208/120 volt, 3-phase, 4-wire service. This service in turn feeds lighting and receptacle panelboards located throughout the facility as well as a power center for mechanical equipment. Lighting consisted of energy efficient fluorescent lighting, metal halide low bay lighting in the garage, and metal halide pole-mounted lighting for the site. Garage lighting is controlled by independent switches at the entrances through a remote

contactor, and by motion sensors located throughout the garage. The motion sensors connect to a high-low lighting controller which automatically controls the light level in the garage based on occupancy providing additional energy cost savings. Exterior site lighting is controlled by multiple time clocks and photocell. Automatic controls were provided for paint hood exhaust fan. Systems consisted of wiring of a vault security system, a door entry security system, and a new fire alarm system. Conduit and box rough-in was provided for telephone/data outlets, and an aluminum cable tray was provided in the corridor for communications cabling between telephone/data closets. Building mechanical consisted of office and garage HVAC and specialized ventilation systems including paint spray area with remote operational and monitoring direct digital control capabilities. Design also included garage and office area plumbing systems and a wet pipe sprinkler system, pump and tank arrangement.

Lakemore Firestation Generator Upgrade

Discipline: Electrical

Scheeser Buckley Mayfield LLC provided the electrical design for a new electrical service and emergency generator. This facility is a dispatch center for the Lakemore fire and safety and on-site emergency power was needed because of the critical nature of the operations. The electrical system consisted of a 250 amp, 208/120 volt, 3-phase, 4-wire system. The building is on emergency power supplied by an 80 kW natural gas generator. This new distribution interfaces with the existing electrical equipment with a 250 amp, 4-pole automatic transfer switch and a new main distribution panel. Design and construction were closely coordinated due to limited space and limited down time permitted for installation.

Marshall University Wellness Center

Discipline: Mechanical, Electrical, Telecommunication

Scheeser Buckley Mayfield LLC designed the HVAC, plumbing, electrical, and fire protection for this building. This building is the Wellness Center for the Marshall University Campus. It contains a lap pool, aerobics rooms, racquetball courts, four gymnasiums, workout areas, administrative areas, a climbing wall, and an indoor running track. Semi-custom rooftop packaged air handling units were designed to serve the building. The electrical design involved extensive site coordination with the utility companies to allow necessary services to be routed to this area of campus. Lighting for the building was designed to compliment the focus of health and exercise in the building. A variety of indirect and semi-indirect sources were selected to help prevent glare. Decorative elements were introduced on the interior and exterior of the building that highlight the University colors. The power design included both normal and emergency systems. Extensive coordination between the Mechanical and Electrical Engineers took place to design the smoke evacuation system. A fire command center was located at the fire service entrance to provide emergency responders the required environment to safely locate a problem situation and communicate safety instructions to the building occupants. Technology design for the project included the complete structured wiring design including wireless access points to allow Wi-Fi access to students throughout the building.

Hampshire County Judicial Center

Discipline: Mechanical, Electrical

SBM is providing Mechanical and Electrical design services for this new Judicial Center located in Hampshire County. The work shall include the design of HVAC, plumbing, fire protection and electrical systems for the new facility. All mechanical equipment to be located inside the structure with the exception of the air cooled chiller which will be located outside in an enclosure. The HVAC system shall provide multiple zoning through the use of VAV reheat air terminals. All supply air, return air and exhaust air systems shall have sound attenuators. The building shall have a wet pipe sprinkler system for the entire building. Domestic water, sanitary drainage, sanitary vent, and storm drainage systems shall be designed for the new building. SBM shall design a new electrical power service and distribution system for the new building. The building shall have a security system and structured wiring system.

SHELLEY
METZ
BAUMANN
HAWK

STRUCTURAL ENGINEERING

Shelley Metz Baumann Hawk, Inc. specializes in providing structural engineering services for architects, contractors and building owners. Our commitment to providing quality service since 1972 has resulted in exceptional experience with all project types including:

- Educational
- Institutional
- Residential
- Commercial
- Recreational
- Industrial & Distribution Centers
- Healthcare
- Public Projects
- Parking Structures

As a full service structural engineering firm **Shelley Metz Baumann Hawk, Inc**. provides the following services:

- Design and documentation of building projects including new construction and renovations
- Assessment and Analysis of existing structural systems
- Failure Analysis and Investigations
- Expert Witness Testimony
- Foundation Systems
- Feasibility Studies
- Code Analysis

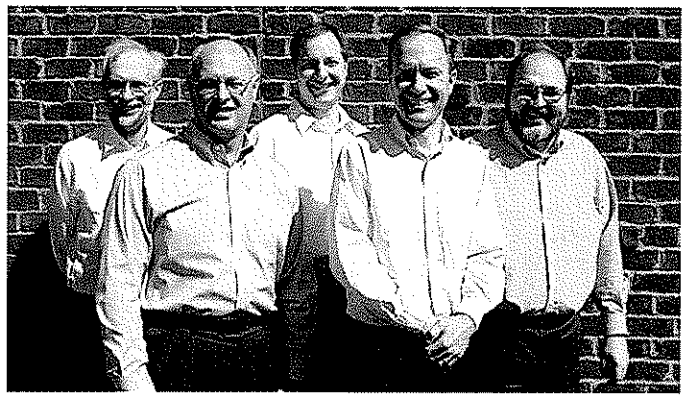
The firm and individual staff members are committed to providing high quality service. The key to success of any project is balancing design, functionality and costs. We work closely with our clients to ensure that the structural design compliments each building.

Our staff of 22 includes, 10 registered engineers, 5 design engineers, 4 CAD specialists, and 3 administrative assistants. Four of our engineers are LEED Accredited Professionals.

The leadership team of **Shelley Metz Baumann Hawk, Inc**. has over 185 years of combined experience in structural design.

Shelley Metz Baumann Hawk, Inc. enjoys the challenge of developing creative structural engineering solutions.

We listen to our clients.



Robert A. Baumann, PE - Vice President

Shelley Metz Baumann Hawk, Inc.

Project Responsibility: Vice President

DEGREES/REGISTRATION/EXPERIENCE

Bachelor of Science	Civil Engineering, University of Cincinnati 1980
Master of Science	Civil Engineering, University of Cincinnati 1981
Registration	West Virginia, Rhode Island, Washington, South Carolina, Oregon, Ohio, Nevada, Nebraska, Kentucky, Iowa, Georgia
Member	American Concrete Institute American Concrete Institute - Central Ohio Chapter American Council of Engineering Companies (ACEC) American Forest & Paper Association American Institute of Architects – Columbus Chapter (Affiliate) American Institute of Architects - West Virginia Chapter (Affiliate) American Institute of Steel Construction (AISC) American Society of Civil Engineers (ASCE) St. Elizabeth Church-Finance Committee Chairman Structural Engineers Association of Ohio (SEAOO) Tilt-Up Concrete Association

BACKGROUND EXPERIENCE

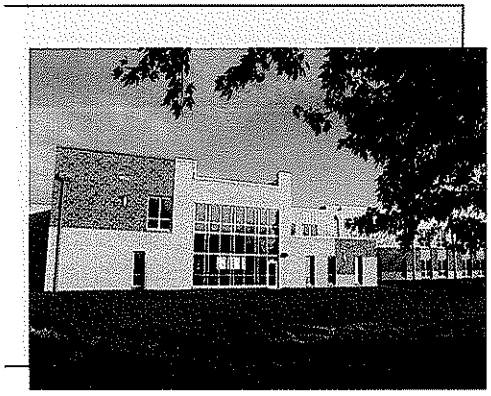
Mr. Baumann has been employed in the consulting structural engineering business since 1981. His prior office and field experience with a registered land surveyor contributes to his knowledge of the design and construction process. His work experience with a general contractor included the construction of building types built of reinforced concrete, steel, wood, masonry and precast concrete. Mr. Baumann has designed new buildings as well as additions and large renovation projects.

Mr. Baumann is experienced in the design of structures built from many types of construction materials including post tensioned concrete. His many years of experience allow him to design innovative, economical, and serviceable structures. Mr. Baumann is experienced in investigative work for adaptive reuse of existing structures. He has provided field observation during construction of many of the projects that he has designed.

PROJECT RESPONSIBILITIES

As Project Manager, Bob will be the primary point of contact for the project. He will provide design input during the conceptual and schematic design phases. Bob will lead the scheduling of the project and coordinate with the Project Engineer for the design and production of the construction documents. He will be involved with the project from beginning to end.

epresentative Experience
helley Metz Baumann Hawk, Inc.



edgewood Middle School - Columbus City Schools
better accommodate the needs of their students, Columbus City hools constructed a new facility for the Wedgewood Middle hool. The design creates learning pods for the sixth, seventh and hth grade on two floors. Each pod contains two project oratories, six 900-square-foot flexible classrooms and two special ucation classrooms. The pods arrangement supports team aching per grade that occurs at the middle school level and will rease the cohesiveness of the student body and each instructional it. Significant features of the design include large windows for aximum sunlight in each classroom and a centralized placement of e media center and library to underscore the role that this function ays in the educational process. Also included are a computer lab, ate-of-the-art music and art rooms as well as a new gymnasium. e exterior will feature masonry, metal panels and glassy features.
olumbus, Ohio
nstruction Cost: $13,000,000
mpletion Date: 2007

Training Center & Administration Complex
Southern West Virginia Community
Logan, West Virginia
Construction Cost: $11,000,000
Completion Date: 1998

Maintenance Facilities - Emerald Fields Park
This project consists of a small grouping of one-story, wood frame buildings for storage and maintenance.
Dublin, Ohio
Construction Cost: $1,500,000
Completion Date: 2009

Maintenance Facility - Holmes County
Ohio Department of Transportation
Holmes County, Ohio
Construction Cost: $4,000,000
Completion Date: 2010

Engineering Training Center - Zane State College
(formerly Muskingum Area Technical College)

Zane State College's Willett-Pratt Engineering Training Center is the first permanent public higher education facility to be located in Guernsey County for more than 140 years. The Training Center is a collaborative partnership between several economic development groups, human services agencies, area businesses and education organizations and reserves space for use by Detroit Diesel, Guernsey County Job and Family Services and Ohio University Zanesville. The 35,000 square foot Training Center offers many college services including customized training and workforce development opportunities. College credit is offered in welding technology and computerized machine tooling. Business and industry training is also offered through the Training Center to meet the needs of companies that demand a skilled workforce. The Training Center stimulates economic and industrial growth by creating employment opportunities in the region.
Cambridge, Ohio
Construction Cost: $3,000,000
Completion Date: 2001

- **Maintenance Facility - Logan County**
  Ohio Department of Transportation
  Bellefontaine, Ohio
  Construction Cost: $1,500,000
  Completion Date: 2008

- **Maintenance Facility - Pike County**
  Ohio Department of Transportation
  Piketon, Ohio
  Construction Cost: $2,000,000
  Completion Date: 2008

Maintenance Facility - Independence Outpost
Ohio Department of Transportation
This addition to the existing complex included a 4,000 square foot maintenance garage with a 2,000 square foot attached office. The three-bay garage accommodated a wash bay, a heavy lift maintenance bay and a storage bay. The office area included a parts and tool storage area. The garage is a pre-engineered metal building and the office is framed with steel joist and cmu walls.
Independence, Ohio
Construction Cost: $600,000
Completion Date: 2004

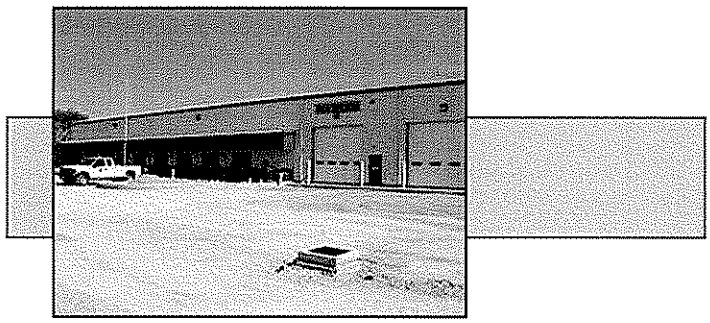
Maintenance Facility - Ashtabula County
Ohio Department of Transportation
Ashtabula County, Ohio
Construction Cost: $8,500,000
Completion Date: 2004

Maintenance Facility - Fairfield County
Ohio Department of Transportation
This facility occupies 22,500 square feet with a 4,200 square foot mezzanine. The facility houses a full-service garage and maintenance operation. The service area has the cranes, lifts, tools and wash bays to provide maintenance to a county's ODOT trucks. The local administrative offices and lockers occupy the spaces below the mezzanine. The full service high-bay operation keeps the vehicles operational and road worthy.
Lancaster, Ohio
Construction Cost: $2,100,000
Completion Date: 2004

Maintenance Facility - Hamilton County
Ohio Department of Transportation
Hamilton County, Ohio
Construction Cost: $3,900,000
Completion Date: 2001

- **Maintenance Facility - Lawrence County**
  Ohio Department of Transportation
  Ironton, Ohio
  Construction Cost: $3,200,000
  Completion Date: 2003

- **Maintenance Facility - Franklin County**
  Ohio Department of Transportation
  The Franklin County ODOT – 5th Avenue Redevelopment involved the design of two structures. The first building was an office/maintenance building. It contains a wash bay and two repair bays in the high bay area. A parts room, an oil room and a compressor room support the three bays. The office area contains restrooms, offices and a break room. The building occupies 5,100 square feet. The second building is a 12,800 square foot facility for storage of trucks. The building has 10 overhead doors on each side for pull-through access. The building contains a jib crane for loading and unloading and a brine maker for pre-treating the roads.
  Columbus, Ohio
  Construction Cost: $1,150,000
  Completion Date: 2003



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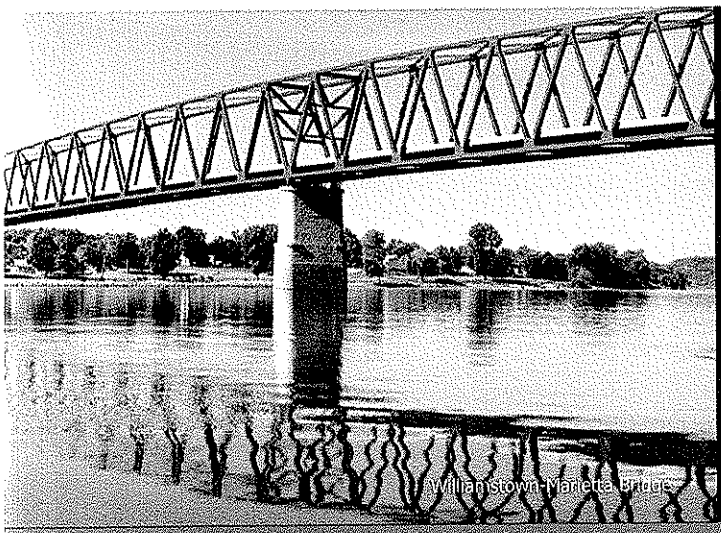
Lancaster, Ohio
Construction Cost: $2,100,000.00
Completion Date: 2004



gai consultants
transforming ideas into reality

Engineering Solutions
Environmental Stewardship
Community Enhancement

AI Consultants, Inc. - Corporate Profile
ansforming Ideas Into Reality

hat We Do

I Consultants, Inc. delivers professional and personalized nsulting in the fields of engineering, planning, environmen-, and construction services. Our clients are provided ex-otional value through full-service capabilities, state-of-the-: design, and talented, experienced staff.

ir primary service areas address project conception through nstruction, and meet the needs of our clients in five tar-ted market sectors.

imary Market Sectors

vernment

intaining our nation's infrastructure and national security top concerns in today's government market. Whether at federal, state, or local level, government agencies con-ually find themselves understaffed, overburdened, and der funded. Yet they are expected to fulfill their duties d meet the growing needs of the public whether designing od control measures or providing environmental compli-ce services. GAI constantly scans and analyzes the needs the government market sector to assist our government nts in meeting the needs of the public and in achieving ir goals. We act as an extension to the governments' m of professionals. We are able to accomplish this in an icient manner through providing the "best value" to the vernment by deploying our skilled professionals to perform ecialized services, or by providing a full range of services.

al Estate

e competitive world of private land development and real ate has created an ever-growing need for fast, accurate, d cost-effective information on which to base critical busi-ss decisions. We understand the importance of this infor-tion to public and private developers and, in response, ovide our clients with a full range of professional services all stages of the development life cycle – from initial con-ot, through planning, investigation, design, construction, commissioning, operations, and maintenance. Our goal is to present real solutions to today's most prevalent development challenges by focusing on quality service and achieving the greatest return on our clients' investment dollars.

Transportation

The need for expanded and improved transportation systems at the state and local levels is continually increasing, while federal funding is under constant pressure. This requires state and local transportation agencies to discover new and inventive ways to reduce costs and overhead, while improving efficiency. Through cooperation and innovation we are assisting our transportation clients with everything from preliminary to final design services by fostering public/private partnerships that lead to cost savings, improved quality, accommodation of peak demand, better managed risks, technology sharing, and faster project delivery. Our goal is to enter into these partnerships by assisting our transportation clients and providing them with the support and expertise necessary to meet the transportation-related infrastructure demands of thriving economies.

Energy

Meeting the demands of the ever-increasing energy consuming public, as well as the regulatory requirements of the government, presents specific challenges to the various energy utilities. To be successful, companies involved with the production and transmission of energy products must provide reliable and low cost output to survive. GAI provides expertise, guidance, and a comprehensive support system that enables our clients to make informed decisions and successfully navigate the challenges of this highly regulated and competitive market. Our goal is that through sound information and guidance on items such as coal combustion byproduct disposition and transmission line siting, we will alleviate the regulatory burden that our clients face, while providing them with the ability to remain competitive within their market.

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e industrial market, as well as the industrial processing l manufacturing of various consumable goods, continues olay a vital role in the growth and stability of our national nomy. Due to the effects of the global economy, industin the United States must remain competitive through inased efficiency and tight cost-control measures. GAI fully derstands the constraints faced by the industrial sector, ecially the high cost of regulatory compliance with fedl, state, and local mandates. Our goal is to partner with industrial clients in an all-out effort to remain competitive providing them with the expertise necessary, such as enonmental compliance, or structural analysis, to effectively d efficiently comply with the various regulatory bodies as ll as make informed and cost-effective decisions regarding eir operational and infrastructure needs.

imary Service Areas

nd Development and Planning

Site Selection and Design
Land Use Studies, Economic Feasibility,
and Site Planning
Community and Regional Planning
Planning and Engineering Approvals/Permitting
Land Surveying and Construction Layout
Code Impact Assessment and Permit Acquisition
Facilities Planning and Infrastructure Design
Landscape Architecture and Streetscape Design

nstruction Engineering and Inspection

Construction Monitoring and Inspection
Constructability Reviews
Materials Testing
CPM Scheduling and Reporting
Innovative Construction Management
Utility Construction Coordination

vironmental Engineering, iences, & Remediation

Hydrogeologic and Hydraulic Studies and Design
Ground-water Modeling and Monitoring
Water and Wastewater Treatment Systems
Flood Control and Coastal Studies
Solid and Hazardous Waste Management Design
Industrial Hygiene and Safety Compliance
Environmental Impact Statements and Assessments
Wetland Delineation, Watershed and Stream Restoration,
Threatened and Endangered Species
Gas and Electric Transmission Line Siting
Geographic Information Systems (GIS) Mapping
and Information Management

Transportation Planning and Design

- Bridge, Highway, and Roadway Design
- Bridge Inspection and Rehabilitation
- Transportation Planning and Transit Studies
- Airport Facilities Design and Reconstruction
- Traffic Studies and Traffic Control Plans
- Eminent Domain Consultation
- Public and Private Agency Coordination
- NEPA / Section 4f Studies / Section 106 Studies

Geotechnical and Structural Engineering

- Dam Rehabilitation and Design
- Transmission Line Design
- Geologic Studies and Subsurface Explorations
- Subsidence Studies and Remediation
- Mining Engineering and Mine Fire Abatement
- Vibration, Seismic, and Structural Reliability Studies
- Slope Stabilization Analysis and Design
- Foundation Research and Design
- Earth and Rock Retaining Structure Design
- Structural Rehabilitation

Cultural Resources and Historic Preservation

- Historic Architectural Surveys and Context Studies
- Comprehensive Historic Preservation Plans
- Geographic Information Systems Predictive Modeling
- Prehistoric, Historical and Urban Archaeology
- Phase I, II, and III Surveys and Mitigation
- Public Outreach Programs
- Geomorphology, Pedology, and Soils Surveys
- National Register Inventories and Evaluations

Our Clients. We take great pride in serving both public and private sector clients with whom we have developed long-term relationships. These include public utilities, transportation departments, federal, state and local governments, private developers, and private corporations.

Our People. Our employee-owned firm consists of a team of more than 450 highly dedicated and talented engineers, scientists, planners, environmental specialists, construction specialists, and support staff that are known for their solid professional reputations, and personalized quality service.

Our Ideals. Built on 45 years of a strong vision and mission, GAI's ethics, principles, and core values guide us and our work. We are committed to the success of our clients and our employees. Quality, respect, innovation, and teamwork are the values that drive our company.

Our Work. Simply put, we are in this business to deliver successful projects to our clients, and to help them exceed the expectations of the communities that they serve.

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2.476.2000

Jacksonville, FL
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304.926.8100

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Fort Wayne, IN
260.625.4155

Richmond, VA
804.360.5893

For more information on GAI Consultants, Inc., please visit www.gaiconsultants.com or call 1.800.292.6076

James Hemme, P.E., L.R.S.

Senior Engineering Manager

Education

B.S. Civil Engineering, 1989 West Virginia University Institute of Technology
Marshall University Graduate College – Various Courses in Environmental Engineering

Registrations

West Virginia Professional Engineer No. 12195
Kentucky Professional Engineer No. 25437
Ohio Professional Engineer No. 72851
Indiana Professional Engineer No. 10809277
Pennsylvania Professional Engineer No. 75494
New York Professional Engineer No. 85794
West Virginia Licensed Remediation Specialist No. 003

Professional Development

OSHA 40 hour Hazwopper Training
NICET 1 – Geosythetics Installation Inspection (expired)
Nuclear Density Gage Training – DOT and NRC (expired)
MSHA Safety Training (expired)

Awards

- National Radio Astronomy Observatory (NRAO) Wastewater Treatment Plant Design (Project Manager) – WV ACEC Gold Award
- Florida Street Streetscape Masterplan (Senior Engineer) - WV ASLA Honor Award
- Dupont Hyper Plaza Design (Senior Engineer) – WV ASLA Honor Award
- Kanawha Trestle Rail Trail Masterplan (Project Manager) – WV ASLA Merit Award and WV ACEC Silver Award
- April Dawn Park Sprayground "Teays Valley Monster" (Senior Engineer)–WV ASLA Honor Award and WV ACEC Gold Award
- Coldwater Creek Distribution Center Site Preparation (Project Manager) – WV ACEC Gold Award

Professional Experience

Mr. Hemme has a wide variety of experience with correctional and judicial projects and other environmental, civil engineering, site development, streetscape, and planning projects while at GAI and through previous employment. He has worked extensively with private developers, architects, municipalities and governmental agencies. He is an expert in site engineering, NEPA compliance and storm water management. He has worked on landfills, quarries, mines, industrial, and commercial facilities. He has performed many Phase 1 environmental site assessments; solid waste, industrial waste, erosion and sediment control permitting; designed extensive storm water management systems; designed both large and small site developments ranging from 1 acres to hundreds of acres in size; designed wetland mitigation areas; assisted in the preparation of geotechnical reports; flood plain modeling, highway/roadway design, right-of-way plans, prepared detailed construction plans and cost estimates for projects ranging from $10,000 to multiple millions.

David Gilmore, ASLA, CLARB

Lead Landscape Architect

Education

BSLA, College of Agriculture & Forestry, 1988 West Virginia University

Professional Affiliations

American Society of Landscape Architects, ASLA
WV Chapter of American Society of Landscape Architects
Council of Landscape Architectural Review Board, CLARB
AIA Affiliate Member

Professional Development

WVASLA State Licensing Board, 2003-2006
Past President, WVASLA
Executive Committee Member, WVASLA
Chairman, WVASLA Licensing and Sunset Review Committee
Judge, Senior Design Awards, West Virginia University

Registrations

Council of Landscape Architectural Registration Board Certified
West Virginia Professional Landscape Architect No. 247

Previous Employment

2003 to 2006	Triad Engineering, Inc. – Senior Landscape Architect
2000 to 2003	Environmental Design Group, Inc. – Senior Landscape Architect/Associate
1993 to 2000	LANDesign Associates – President
1988 to 1993	Valley Gardens, Inc. – Land Planner/Design Department Manager
1987	Gifford, Nielson & Riesburg – Land Planner (summer internship)

Awards

- Merit Award (WVASLA): 'Hyper' Employee Plaza, Main Entrance Improvements
  Client: Dupont Company
- Merit Award (WVASLA): Florida Street Revitalization Master Plan
  Client: West Side Neighborhood Association

Professional Experience

Mr. Gilmore has 18 years of experience on a diverse range of projects encompassing all aspects of landscape architectural design in both the public and private sector. Experience includes, but is not limited to: project and office management, construction document and technical specification preparation, site analysis, schematic design, construction administration, master & land-use planning (resort, parks, recreational, residential, industrial, commercial), streetscape and municipality improvements, landscape and hardscape design, graphic presentation drawing.