SILLING
ARCHITECTS + PLANNERS

Expression of Interest:
Architectural & Engineering Services
Building 4 Renovations - GSD 126401
April 12, 2012

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SILLING
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405 Capitol Street, Upper Atrium - Charleston, West Virginia, 25301 p 1.304.346.0565 f 1.304.346.1522 www.silling.com

April 12, 2012

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

Re: Expression of Interest, GSD126401

Dear Selection Committee Members,

Silling Associates, Architects + Planners, is pleased to submit an Expression of Interest to provide complete architectural/engineering design and construction administration services for the Building 4 Renovation project. We offer the General Services Division one of the most professional and experienced architectural firms in the state of West Virginia offering an unparalleled reputation for quality design and project management for the state of West Virginia and a highly-talented design team with years of project collaboration and success. Most specifically, we offer recent and extensive experience working at the West Virginia Capitol Complex campus.

Silling Associates Incorporated was established in 1977, restructuring the firm of C.E. Silling and Associates. Prior to 1950 the firm was under various forms of ownership dating to 1902, including, H. Rus Warne; Warne, Tucker and Silling; and Silling and Hutchinson. The efforts of these architects are seen in the many prominent structures and institutions throughout the state, including the original design of Building 4 and the West Virginia Culture Center. Thus our present staff carries forth over 100 years of tradition and a library of architectural documentation spanning the twentieth century. We are proud of the distinction as West Virginia's longest continuing architectural practice, and one of the oldest firms in the eastern United States. Since 1977, Silling Associates has continued to have a powerful impact on the region's built environment through fresh, yet solid design and responsible construction contract administration.

Scheeser Buckley Mayfield, our primary MEP & civil engineering consultant, offers extensive experience working within the WV marketplace and is highly regarded by such clients as Marshall University, Thomas Memorial Hospital, Cabell Huntington Hospital, West Virginia State University, and the State of West Virginia. **Shelley Metz Baumann Hawk**, structural engineers, and **Mike Gioulis**, historic preservation consultant, complete the design team and also provide successful experience serving the State of West Virginia.

We have enclosed a summary of our qualifications for your review including firm profiles, professional resumes, project experience, and client references. 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.

Jody S. Driggs, AIA, NCARB
Vice President

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

4.2.1 Concept

Silling will approach the assessment and phased implementation of the Building 4 Renovations in very much the same manner as the one we successfully developed and implemented for the City Center West Office Tower (West Virginia Lottery Headquarters) in 2010.

City Center West is an existing 30 year old, 13-story office building located along the Elk River in downtown Charleston. The WV Lottery Commission directed our firm to provide a comprehensive analysis for the 146,000 square foot office tower, including a detailed report of the building's architectural, mechanical, electrical, plumbing, data/telecommunications, structural, and other existing conditions. More specifically, Silling developed a report of our findings and opinions of the existing building condition, including site amenities, useable building space, and the above grade parking structure. Additionally, we provided a listing of our recommendations for required renovations in order to meet functional Lottery programmatic requirements as well as the requirements of the Building and Life Safety Codes. A listing of other requirements that, while not required by Code, address the replacement of systems which we believe are nearing the end of their predictably useful life were also provided within the report. Finally, we offered our opinion of probably construction cost (which proved to valid once construction bids were received) for the required and recommended renovation work, and offered our conclusions.

The process, or concept, for the comprehensive analysis developed for the Lottery—and that we propose for Building 4—is summarized below.

DETAILED NARRATIVES DOCUMENTING EXISTING CONDITIONS FOR ARCHITECTURAL, STRUCTURAL, ELECTRICAL, & MECHANICAL SYSTEMS :

Existing Conditions - Site

- Site Parking
- Site Landscaping
- Site Walkways
- Loading Dock/Service Delivery
- Right of Ways

Architectural Systems - Building Shell

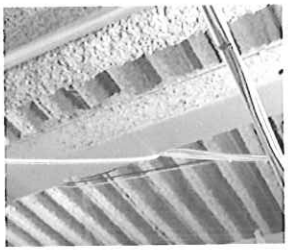
- Exterior Skin, Panels, Joints
- Window Systems
- Code Compliance
- Roof system

Building Interiors - Lobbies, Circulation, & Public Toilets

- Exit Stairwells
- Elevators & Elevator Shafts
- ADA Accessibility
- Code Compliance
- Interior Finishes

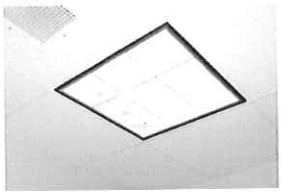
Building Interiors - Office Space and Computer Rooms

- Interior Entrance Systems & Doors
- Access Control Systems
- Door Hardware
- Code and ADA Compliance
- Interior Wall Construction
- Interior Finishes
- Acoustics & Noise Control
- Ceiling Systems
- Raised Access Floor Systems



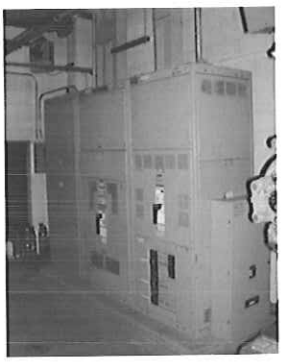
Structural Systems

- Building Structure
- Building Foundation System
- Code Compliance
- Floor Load Capacities (Live Load and Partition Allowance)
- Structural Modifications
- Exterior Cladding Conditions



Electrical Systems - Lighting

- Fixture Types, Locations, & Uses
- Exit Sign Lighting
- Emergency Lighting
- Exterior (Site, Building, & Parking) Lighting

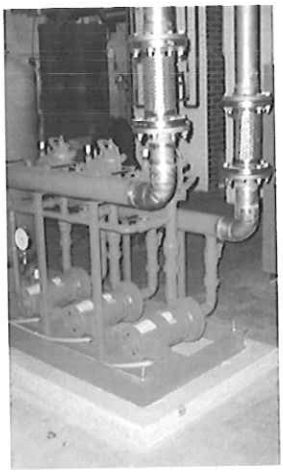


Electrical Systems - Power

- Electrical Service
- Distribution System
- Electrical Equipment (Switchboards, Panel Boards, Motor Control Centers, Disconnects, etc.)
- Building Generators / Standby Power
- Receptacles
- Data & Power Drops
- Electrical Rooms
- Code Compliance

Electrical Systems - Other Systems

- Fire Alarm System
- Fire Command Center
- Smoke Control Systems (Stairwell/Corridor Pressurization Requirements)
- Smoke Detectors, Pull Stations, A/V Devices
- Lightning Protection System
- Security System
- Telecomm Rooms

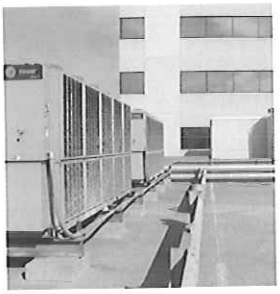


Mechanical Systems - Plumbing

- Domestic Water Service Entrance
- Service Splits & Metering
- Reduced Pressure Backflow Preventer
- Domestic Hot Water Heating System
- Recirculating Pumps
- Temperature Maintenance Equipment
- Expansion Tanks
- Water Pressure Booster Pump System
- Water Closets
- Plumbing Fixtures
- Elevator Shaft Sump Pumps
- Code Compliance

Mechanical Systems - Fire Protection

- Backflow Preventer
- Sprinkler System
- Fire Pumps & Other System Components
- Water-Based vs. Chemical-Based Systems (Computer Rooms, Records Rooms, etc.)



Mechanical Systems - HVAC Systems

- System Type(s) & Location(s)
- Age and Condition
- Energy Consumption
- Control Units
- Air Return System
- Fresh Air System
- Control System

Historic Preservation/Restoration

- Exterior Masonry Façade Treatment (Masonry Stabilization & Cleaning)
- Significant Interior Public Features (Lobbies, Corridors, etc.)
- Preservation of Character-Defining Fabric
- Compliance with the Secretary of the Interiors Standards for Historic Preservation
- Coordination and Cooperation with Capitol Building Commission and SHPO
- Investigation of Fenestrations in Keeping with Secretary of Interiors Standards

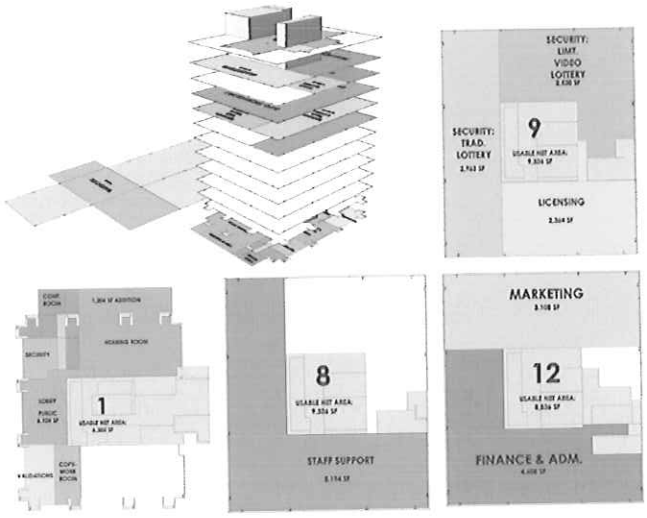
Documentation of Floor Plans

- Existing Space for All Floor Levels

Recommendations for Site and Building Renovations/Improvements

(Based on found deficiencies of the facility, both in terms of Life Safety and Building Code nonconformity as well as for functional and effective quality for modern state office space and the overall longevity of the building asset, we would suggest appropriate alterations and renovations with input, dialogue, and approval of systems recommendations from the State.)

- Site
- Architectural - Building Shell
- Architectural - Interiors (Floor by Floor)
- Architectural - Space Planning (Floor by Floor)
- Architectural - Partial, Complete, or Minimal Reconfigurations
- Architectural - Flexibility Based on Future State Agency Use(s)
- Architectural - Public Toilets, Lobbies, Elevator Lobbies, & Building Circulation
- Electrical - Lighting System
- Electrical - Power System
- Electrical - Other Systems
- Mechanical - Plumbing System
- Mechanical - Fire Protection System
- Mechanical - HVAC Systems



Departmental Allocation Diagrams

- Based on Projected State Agency Use
- Flexible Space Options

Line Item Construction Budget Estimates

- Site Improvements
- Building Shell
- Architectural Interiors
- Electrical
- Mechanical
- Construction Contingency
- Total Construction and Renovation Cost
- Total Project Budget, Inclusive of Design Fees
- Furniture, Fixtures, & Equipment Costs
- Optional Building Renovations & Associated Costs (Alternates)

Project / Construction Phasing Strategies

- Based on Partial Building Occupancy
- Based on Funding Opportunities

4.2.2 Firm/Team Qualifications

A. Primary Contact

Jody Driggs, AIA, NCARB (Resume Enclosed)
Silling Associates, Incorporated
405 Capitol Street, Upper Atrium
Charleston, West Virginia 25301
Phone: 304.346.0565
Email: jdriggs@silling.com

B. Key Personnel from the Design Team (Resumes Enclosed)

Brian Estep, AIA
Project Manager, Silling Associates
Years Experience: 20

Carmen Wong, Associate AIA, LEED AP
Graduate Architect, Silling Associates
Years Experience: 5

Mike Wesner, PE, LEED AP
Principal Mechanical Engineer, Scheeser Buckley Mayfield (SBM)
Years Experience: 31

Kevin Noble, PE, LEED AP
Principal Civil/Plumbing Engineer, SBM
Years Experience: 25

Mike Gioulis
Historic Preservationist, Mike Gioulis Historic Preservation Inc.
Years Experience: 35

Sean Simon, AIA
Construction Admin., Silling Associates
Years Experience: 19

Kim Ellis, Associate AIA
Interior Designer, Silling Associates
Years Experience: 15

Jim Eckman, PE, LEED AP
Principal Electrical Engineer, SBM
Years Experience: 28

Joe Harless, RCCD
Senior Telecommunications Designer, SBM
Years Experience: 21

C. Consulting Team Members

Scheeser Buckley Mayfield LLC is a regional Consulting Engineering firm that serves clients throughout West Virginia, Ohio and the 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. The firm has enjoyed a steady growth in clients and geographical area served throughout its history, and its services now include electrical, civil, and telecommunication design. Scheeser Buckley Mayfield and its staff of 42 is entering its 50th year of operation and has opened a downtown Columbus based branch office (January, 2009).

Scheeser Buckley Mayfield LLC has developed an outstanding reputation for both 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. It has extensive experience in the design and analysis of projects of all sizes, which it can draw upon for future projects. 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 and which need to be considered on the current project to allow for future growth. Scheeser Buckley Mayfield LLC 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 Scheeser Buckley Mayfield's projects originate from clients who have used its services previously and wish to continue a professional association. Scheeser Buckley Mayfield LLC strives to provide very professional and competent engineering services to all of our clients and to develop a personal relationship with these clients. This 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.

Scheeser Buckley Mayfield has been Silling Associates' primary MEP consultant for over 15 years.

Shelley Metz Baumann Hawk, Inc. specializes in providing quality structural engineering services for architects, contractors and building owners. Their commitment to providing quality services since 1972 has resulted in exceptional experience with all building types including: Educational, Commercial, Healthcare, Institutional, Recreational, Public Projects, Religious, & Residential. 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 using steel, concrete, masonry and wood
- Analysis and inspections of existing structural systems
- Failure Analysis and Investigations
- Expert Witness Testimony
- Foundation Systems
- Feasibility Studies
- Code Analysis

The leadership team of Shelley Metz Baumann Hawk, Inc. has over 120 years of combined experience in structural design and has worked with Silling Associates for over 25 years.

Michael Gioulis specializes in the preservation of historic structures and the preservation and interpretation of historic sites. Mr. Gioulis has been a historic preservation professional since 1977. Since 1984, he has been practicing as a private Historic Preservation Consultant dedicated to enhancing awareness of historic preservation through historically accurate restorations and rehabilitations of many prominent buildings in West Virginia and surrounding areas.

Since 1988, Mr. Gioulis has held a contract with the State of West Virginia as their Main Street West Virginia Design Contractor. Revitalization of commercial downtown buildings is the focus of the program emphasizing the preservation of historic integrity.

D. Ability to Handle the Project in its Entirety

With a team of twenty architects, designers, production staff ,and administrative support, Silling Associates has consistently proven itself capable of delivering a large volume of work annually, both in terms of numbers of projects as well as individual project size, scope, and complexity. Silling ensures principal involvement in all projects which is fostered within a studio environment, allowing our firm to build multiple-person teams within the office to focus on a variety of projects simultaneously. Likewise, open sharing of project information, project status, and large picture scheduling of our workload allow architects, designers, and technicians to be informed on a number of current project needs and deadlines and cross-pollinate from job to job and task to task. It is this efficiency and teamwork that is fundamental to our ability to service the number of very satisfied clients that we are fortunate to have.

However, it is primarily a culture of service that permeates everything that Silling does and leads to very satisfied clients. Aggressive communication is an axiom of our firm, and the heart-felt desire to be highly responsive to client needs and demands has proven to be one of the many reasons that owners select Silling Associates. This is most obvious in the number and references of our many repeat clients across the state, particularly with the State of West Virginia.

Scheeser Buckley Mayfield, Shelley Metz Baumann Hawk, and Mike Gioulis offer extensive combined staff resources to compliment the Silling team and have routinely executed successful project collaborations regionally, as well as nationally.

In summary, we offer the General Services Division extensive professional resources, immediate availability, and the ability to expedite the project's development, approval, and completion.

E. State of Acceptance and Understanding

Silling Associates understands and accepts that any and all work produced as a result of the contract will become property of the Agency and can be used or shared by the Agency as deemed appropriate.

F. Conformance with local, State, and Federal Regulations

Silling Associates and its Design Team members have proven record of conformance with all local, State, and Federal codes, regulations, and requirements, including building exterior lighting and related life safety code requirements.

G. Litigation or Arbitration Proceedings

Silling Associates maintains a record of superior performance and service to the State of West Virginia.

4.2.3 Project Organization

Silling Associates is based out of downtown Charleston and has maintained an outstanding record of successfully coordinating the efforts of our consulting team members for each of our projects with the State of West Virginia.

General Services Division
State of West Virginia

Silling Associates, Inc.
Jody Driggs, AIA
Principal in Charge

Silling Associates, Inc.
Architecture & Interiors
Charleston, WV

Brian Estep, AIA
Project Manager

Sean Simon, AIA
Construction Administration

Carmen Wong, AIAA, LEED AP
Graduate Architect

Kim Ellis, AAIA
Interiors

Staff: 20

Scheeser Buckley Mayfield
MEP Engineering
Akron, OH

Mike Wesner, PE, LEED AP
Principal Mechanical

Jim Eckman, PE, LEED AP
Principal Electrical

Kevin Noble, PE, LEED AP
Principal Civil/Plumbing

Joe Harless, RCDD
Telecommunications

Staff: 42

Shelley Metz Baumann Hawk
Structural Engineering
Columbus, OH

Bob Baumann, PE
Principal Structural

Staff: 21

Michael Gioulis
Historic Preservation
Sutton, WV

Staff: 3

B. Project Schedule & Capabilities

Silling Associates provides the General Services Division with a Design Team totaling over 85 design professionals with a history of successful project fast-tracking. Given our Team's recent and relevant collaborative experience serving the needs of the GSD and the State of West Virginia, in addition to our firms' extensive staff and production resources, we provide the appropriate resources and knowledge to complete the required phases as follows (assuming a June 1 start date):

Phase 1 Comprehensive Building Report……..30 days

June 30, 2012

Phase 2 Comprehensive Redesign & Construction Document Completion……6 months *

December 31, 2012

** Assumes complete design of entire building*

Phase 2 Redesign of 2-3 Floors & Construction Document Completion……90 days

November 30, 2012

As a testament to our design and production capacity, it should be noted that Silling Associates completed the Comprehensive Building Report for the 146,000 square foot City Center West in 30 days, including the development and delivery of a Final Report, recommendations for renovations and improvements, and budget estimates. Its should also be noted that the construction bid came in well under budget.

4.2.4 Demonstrated Project Experience

A. The following project sheets have been included to demonstrate our firm's ability to execute the planning, design, and construction administration of the Building 4 Renovation project.

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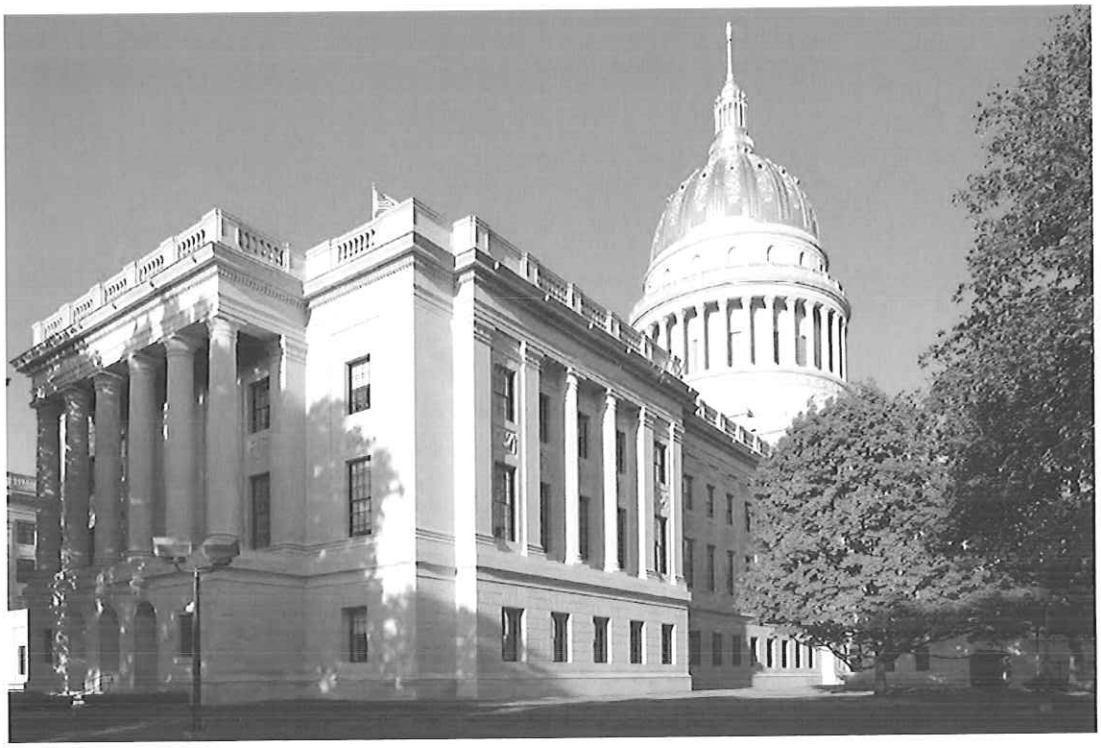
West Virginia Supreme Court of Appeals

East Wing of the State Capitol Complex



Project Size: Various

Project Type: Renovations/Restorations

Project Status: Completed in 2010-2012; Ongoing in 2012

Contact: Steve Canterbury, Administrative Director, 304.558.0145

This historic renovation project involves the phased renovation of the third and fourth floors of the East Wing of the West Virginia State Capitol Building. A summary of the various improvement projects are as follows:

Court Attorney's Offices: Room E-400 consists of 6,500 square foot of existing office space that had several room alterations and the addition of various modular office systems and styles over past decades. There were several oversized offices shared by attorney where greater confidentiality and privacy was desired. The overall space was characterized as having poor aesthetics and natural and artificial lighting, space use inefficiencies, lack of acoustic separation, inadequate heating and cooling and ventilation, substandard power and data infrastructure.

A full renovation of the space including removal of walls, ceilings, finishes and mechanical and electrical systems was required. Furniture and ceiling tiles were removed for re-use and recycling. The new program required both individual acoustically separated attorney offices and flexible offices that could include both shared and single users with the ability to adapt to changing needs. Natural daylight was required to reach interior areas of the spaces. A common break area, copy area, reception desk, and private restroom for the Chief Council were included in the program.

The design approach was to locate right-sized individual attorney offices along the rhythm of the exterior windows, equipping the corridor side walls with glazed door, sidelight and clerestory windows to maximize daylighting to the interior spaces. Interior offices are office system type partitions with glazing and natural wood panels, bringing color, warmth and light to the interior of the space.

The entire space was heated and cooled with an indoor DX air handling unit with an outdoor condenser. Steam radiator units located at the building perimeter provide supplemental heat. The existing system had a single



control for the DX system and no controls for the radiators. Occupants were either too cold or hot depending on their location.

The HVAC design approach was to install new chilled water AHU with VAV boxes and hot water reheat. Install a steam to hot water heat exchanger to produce the hot water for the system. Install a small electric boiler to provide reheat in the summer when the central steam plant is shut off. Install new control valves on the radiators. Office users have individual thermostat controls with the VAV system.

Justice's Chambers Conference Room and Kitchenette - The Justice's Conference Room connects the Justices Chambers to the Courtroom. It is a place where the Justice's meet with one another to review Court business, communicate with State Judges from the 55 counties, and with attorneys litigating cases before the court. It is a 532 square foot room that has been renovated on several occasions. Significant alterations include removing a door connecting the Conference Room with an adjacent room and installing a wall of book selves, and the original flooring was covered with wall to wall carpet.

The project program included restoring the room to its original appearance while modernizing the video conferencing, data and teleconferencing capabilities, design of a new conference table, and converting an adjacent unused restroom into a Kitchenette.

Historic research included uncovering original drawings and specifications, photographs and removing layers of existing materials to reveal the characteristics of original materials. A marble border with cork infill was discovered below the carpet and new cork was sought to match the original as closely as possible, while the marble was refinished. Behind the bookcases, the original door was found intact in the wall and suitable for reuse and refinishing.

A table with historical significance (West Virginia's first state constitution was signed on the table) was refurbished and a new conference table was designed mimicking details used in other areas of the Courtroom while wiring the table for telephone, computer/internet and video conferencing. New window coverings were designed and furniture selected to compliment the historic theme of the room. The room has been painted with a color palette using original Courtroom colors.

Justice and Assistant Offices - Each Justice has a private suite of approximately 800 square feet including an office for the Justice, their administrative assistant and a restroom. Scope of work varied from suite to suite, and included new flooring, wall finishes, casework, paneling, furniture, wall covering, window treatment, electrical, data and HVAC upgrades.

Chamber Hallway - The existing Hallway connects each of the Justices suites with the Conference Room and public Courtroom Lobby. A drop ceiling was installed in the Hallway to conceal HVAC equipment feeding the Justices suites. This created a low ceiling and awkward aesthetics at the stone casing surrounding the portals along the Hallway. The stone flooring was covered with wall to wall carpet. The HVAC equipment was requiring frequent maintenance and was near the end of its life cycle.

The program included replacing the HVAC equipment, cleaning out unused wiring in the ceiling plenum, new lighting, the design of a new raised ceiling, removal of the carpet, cleaning of the marble wainscot and restoration of the original terrazzo floor.

Courtroom Lobby including renovated Men's and Women's Room - Scope of work included painting the walls and ceiling of the Courtroom Lobby and cleaning of the marble wainscot. The restrooms were renovated with restoration of the original tile flooring and Vitrolite paneling and partitions, ADA accessibility improvements, design of a women's comfort lounge, make-up and changing station.

Law Library Offices - Scope of work included creation of a new conference room with A/V conferencing capabilities. Office renovations include new carpeting, paint and furniture.

Courtroom Renovation - Restoring the floor to its original appearance. A similar restoration was previously completed in the adjacent Judges Conference Room. Work will include: Removal of carpet in the public areas of the courtroom; Replacing damaged original cork flooring with new to closely match checkerboard pattern and color per plans; Clean and repair as necessary original marble flooring in public areas of the courtroom; Clean stone base at columns walls and bench; Remove curtains on three sides of the courtroom; Curtains will be inspected and cleaned or replaced to match color and material; Repair water damages at cornice from upper right hand side (facing entry) to above the word "US" near the center of the cornice; Plaster will be spot-repaired and painted to match original colors chips on file in the Clerk's office; Surface restoration of the Judge's bench; Wood medallions which were miss-installed during a previous renovation will be re-installed with grain to run horizontally; Surface restoration of the Clerk's desk, base and top; and Upgrade electrical at Clerk's desk.

Clerk's Office Renovation - Room E-317 consists of 6,500 square foot of existing office space that had several room alterations and the addition of various modular office systems and styles over past decades. The overall space was characterized as having outmoded filing systems, poor aesthetics and natural and artificial lighting, space use inefficiencies, lack of acoustic separation, inadequate heating and cooling and ventilation, substandard power and data infrastructure.

A full renovation of the space including removal of walls, ceilings, finishes and mechanical and electrical systems was required. Furniture and ceiling tiles will be removed for re-use and recycling. The new program requires both individual acoustically separated Clerk's offices and flexible offices that could include both shared and multiple users with the ability to adapt to changing needs. Natural daylight is required to reach interior areas of the spaces. A common break area, copy area, and public reception and document viewing areas are included in the program.

The design approach was to locate right-sized individual Clerk's offices along the rhythm of the exterior windows, and equipping the corridor side walls with glazed door, sidelight and clerestory windows to maximize daylighting to the interior spaces. Interior offices are office system type partitions with glazing and natural wood panels, bringing color, warmth and light to the interior of the space.

The entire space was heated and cooled with an indoor DX air handling unit with an outdoor condenser. Steam radiator units located at the building perimeter provide supplemental heat. The existing system had a single control for the DX system and no controls for the radiators. Occupants were either too cold or hot depending on their location.

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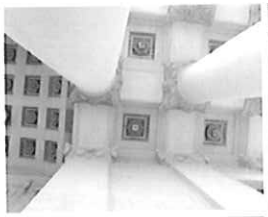
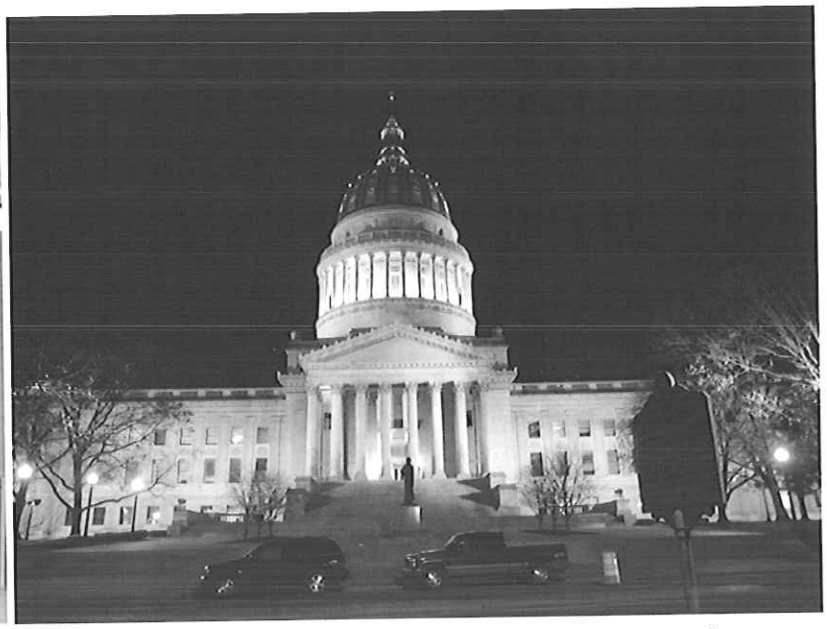
WV State Capitol Building - Exterior Lighting

Charleston, WV





Project Type: Exterior Lighting Design

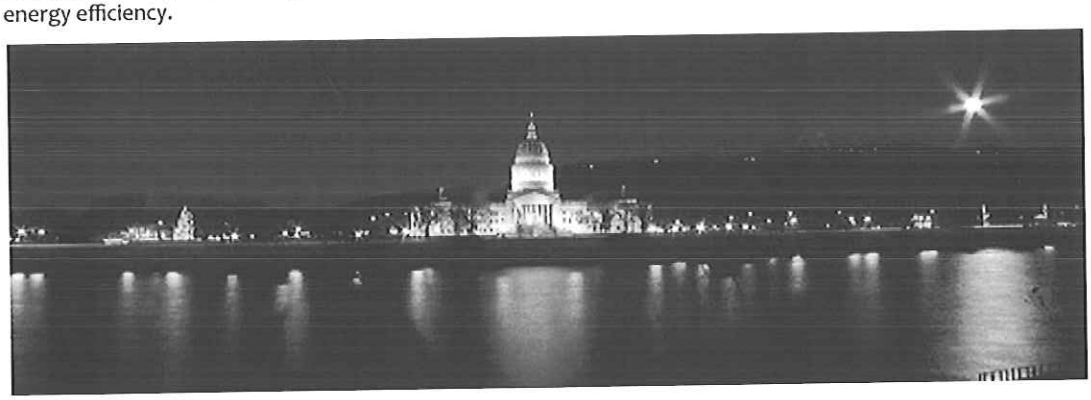
Project Status: To be completed in 2012

Project Cost: Not available

Contact: Bob Krause, Acting Engineering Manager, General Services Division, 304.558.9018

Rising above the surrounding neighborhoods the State Capitol Dome is a significant landmark in the Charleston area. The existing lighting of the Capitol Building dates back to the 1970s and is characterized by uneven lighting with highly inefficient luminaries. Listed on the National Register of Historic Places, the Capitol Building should be lit in a manner that is appropriate for both the political significance of the structure and keeping with its historic nature.

In late 2010, the State's General Services Division selected the team of Silling Associates, Scheeser Buckley Mayfield , and Randy Burkett Lighting to perform and comprehensive evaluation and redesign of the existing Capitol Complex lighting plan and associated electrical systems. The overall scope of the project is truly unique in that it requires an extraordinary level of attention to detail in creating a new lighting strategy that is sensitive to the historic architectural context and is provides maximum energy efficiency.



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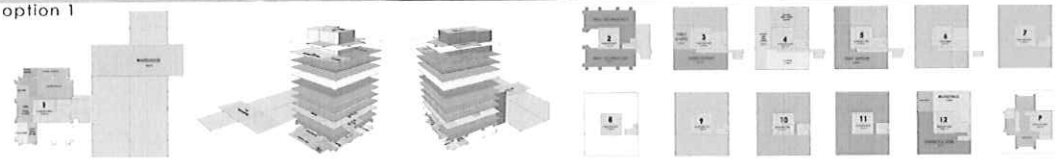
West Virginia Lottery Headquarters - City Center West Renovation

Charleston, WV

option 1



Project Size: 146,000 gsf

Project Type: Renovations

Project Status: Fall 2011 Completion

Contact: John Myers, Assistant Director, WV Lottery, 304.558.0500

In 2010, the State of West Virginia purchased an existing 13-story, 146,000 SF office building located along the Elk River in downtown Charleston to serve as Headquarters for the West Virginia Lottery Commission, as well as provide a home for the State's Racing Commission, Real Estate Division, Alcohol Beverage Control Commission, Banking Division, and Municipal Bonds Division. The $14,000,000 project includes comprehensive architectural, structural, mechanical, electrical, and fire protection renovations throughout the building, and also includes modernization of the building's three passenger elevators and one freight elevator. Interior space modifications were specifically designed to accommodate the WV Lottery and other state agencies while IBC, NFPA, and ADA Code compliance issues were addressed throughout the building.

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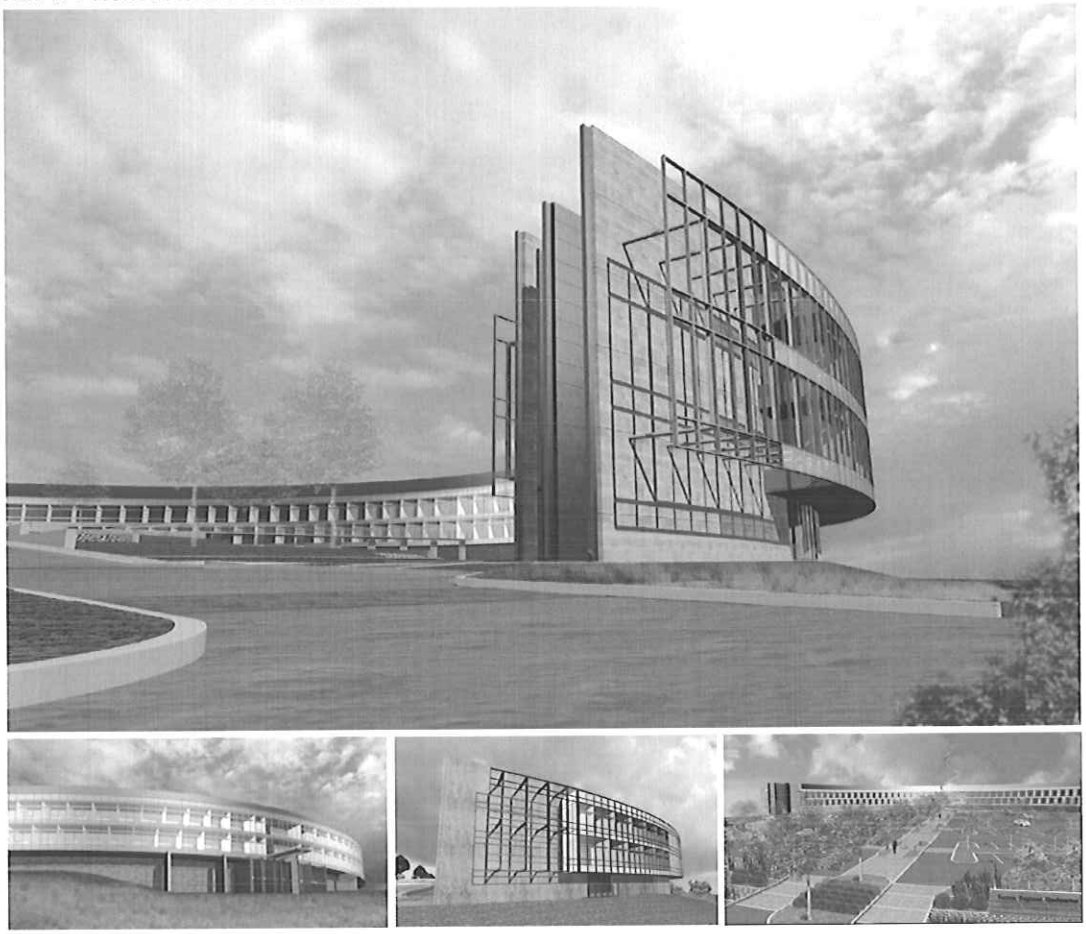
Chesapeake Energy Eastern Regional Headquarters

Charleston, WV

AIA WV Honor Award for Excellence in Architecture



Project Size: 122,000 gsf

Project Type: New Construction

Project Status: Construction Documents Complete

Contact: Dan LeDonne, Chesapeake Energy, 405.879.9251

Awards: 2009 AIA WV Honor Award for Excellence in Architecture

Sustainability: Designed for LEED Gold

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 suite 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 $39 million 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 CO_2 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.

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Chesapeake Energy Eastern Regional Headquarters
Charleston, WV

The building design utilizes a 250 foot inner radius and a 300 foot outer radius making use of economy of means through repetition of faceted planes and providing both intimate and distant visual connections to the building from the site and from the building to the site. The concept recognizes several key conceptual factors such as recognizing the difference between being on the land and being of the land, the difference between being in the trees and being around the trees, and the difference between long views and close-up views. The native "rocky" site is considered the building foundation with rugged and refined architecture growing out of it. Design inspiration came from Keith Rinearson's photos of the drill sites. "This building is inspired by the concept of exploration. In particular, the idea of drilling into the earth's surface, and more specifically, the concept of rotation, spinning, and drilling as a phenomenon. Imagine the architecture in concentric motion...Even the sun shadows support the notion of the drill bit spinning into the earth..." said Rand Elliott, FAIA, the project's lead designer. This design concept lends itself to solving client programmatic needs, site construction issues, and provides a stunning and appropriate addition to the surrounding natural landscape.

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Raleigh County Judicial Center
Beckley, WV

Project Size: 62,000

Project Type: New Construction

Project Status: April 2012 Completion

Contact: John Humphrey, County Administrator, 304.255.9146

The new 62,000 square foot Judicial Center is situated on a prominent corner just opposite of the existing County Courthouse and the new Robert C. Byrd Federal Courthouse. It features three state-of-the-art circuit courtrooms (plus a planned fourth courtroom), two magistrate courtrooms (a future third courtroom), and two family courtrooms. A secure vehicular sally port is accessed from the lower level located along north side of the building. A central holding component allows for detainees to be safely and securely transported into the facility, and then vertically via secure elevators with direct access to the courtrooms. Additionally, the courts are supported by the Circuit and Magistrate Clerks, as well as related county service, administrative, and records storage space.

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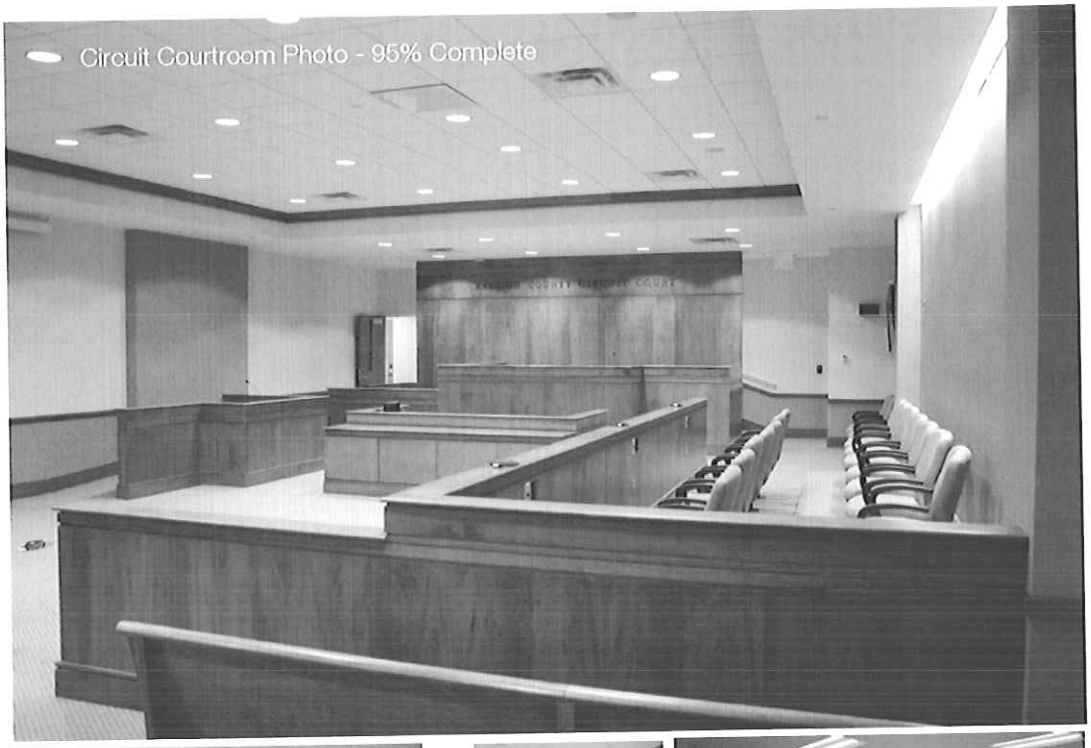
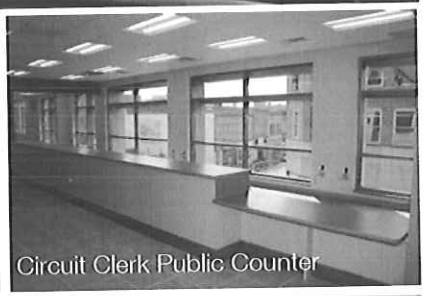
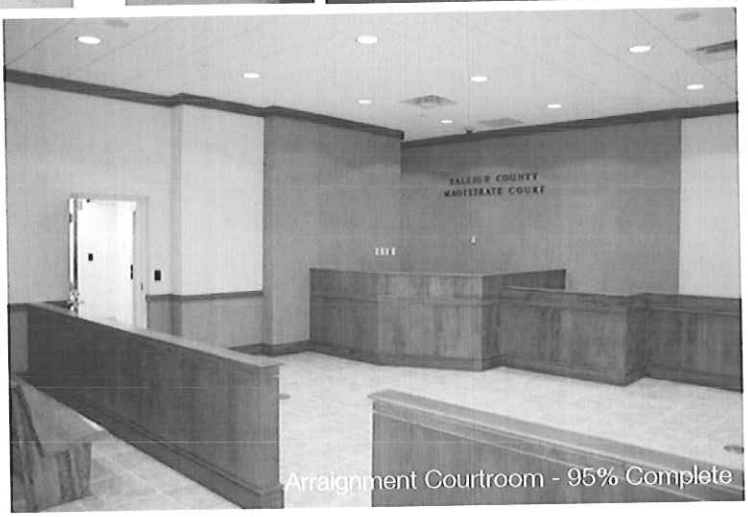
Raleigh County Judicial Center
Beckley, WV


Circuit Courtroom Photo - 95% Complete


Magistrate Courtroom


Circuit Clerk Public Counter


1st Floor Corridor


Arraignment Courtroom - 95% Complete

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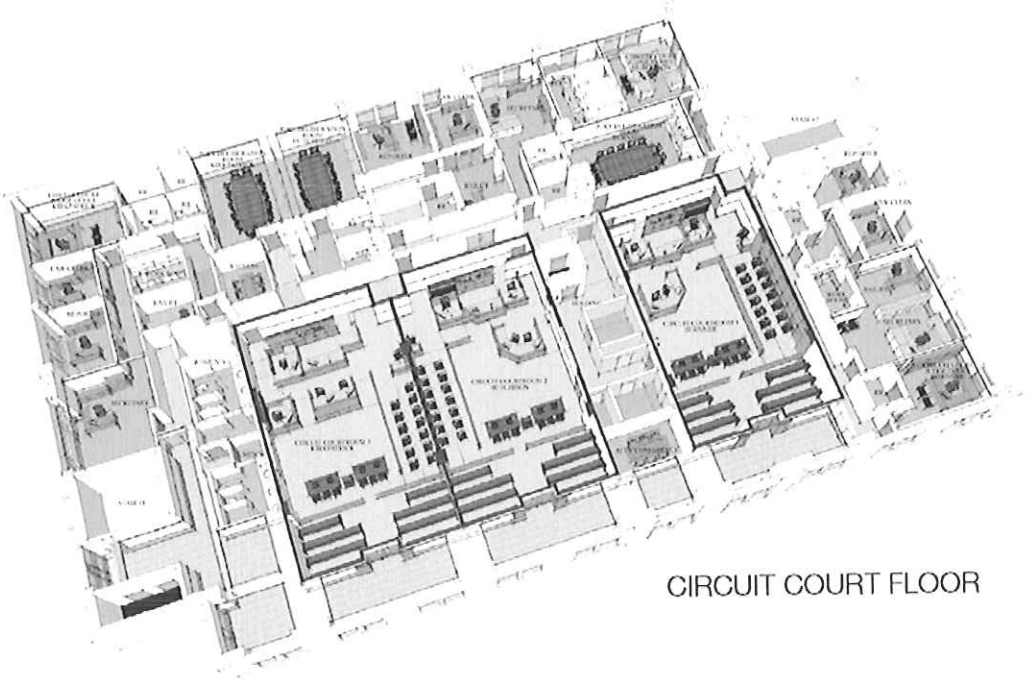
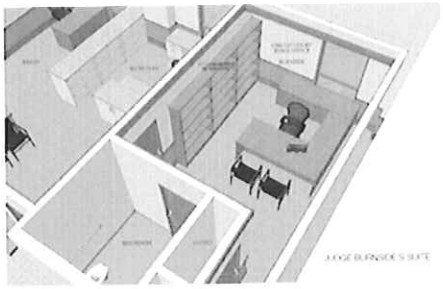
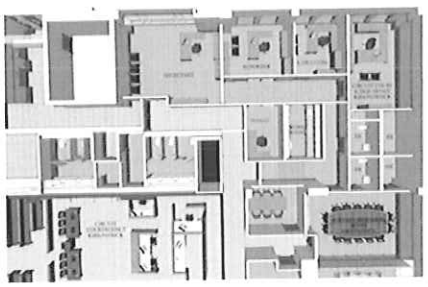
Raleigh County Judicial Center
Beckley, WV

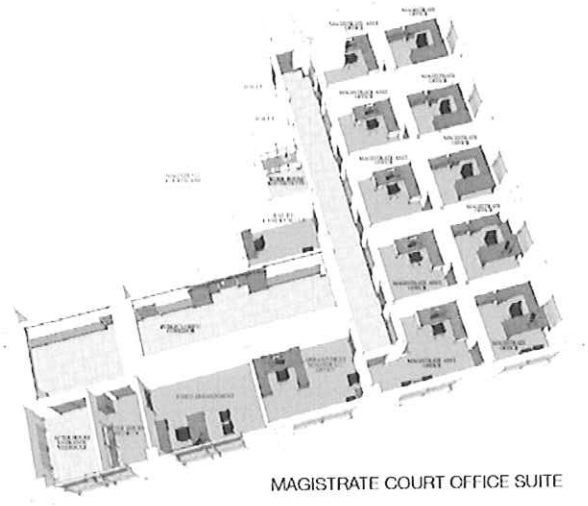
Design Studies



CIRCUIT COURT FLOOR







MAGISTRATE COURT OFFICE SUITE

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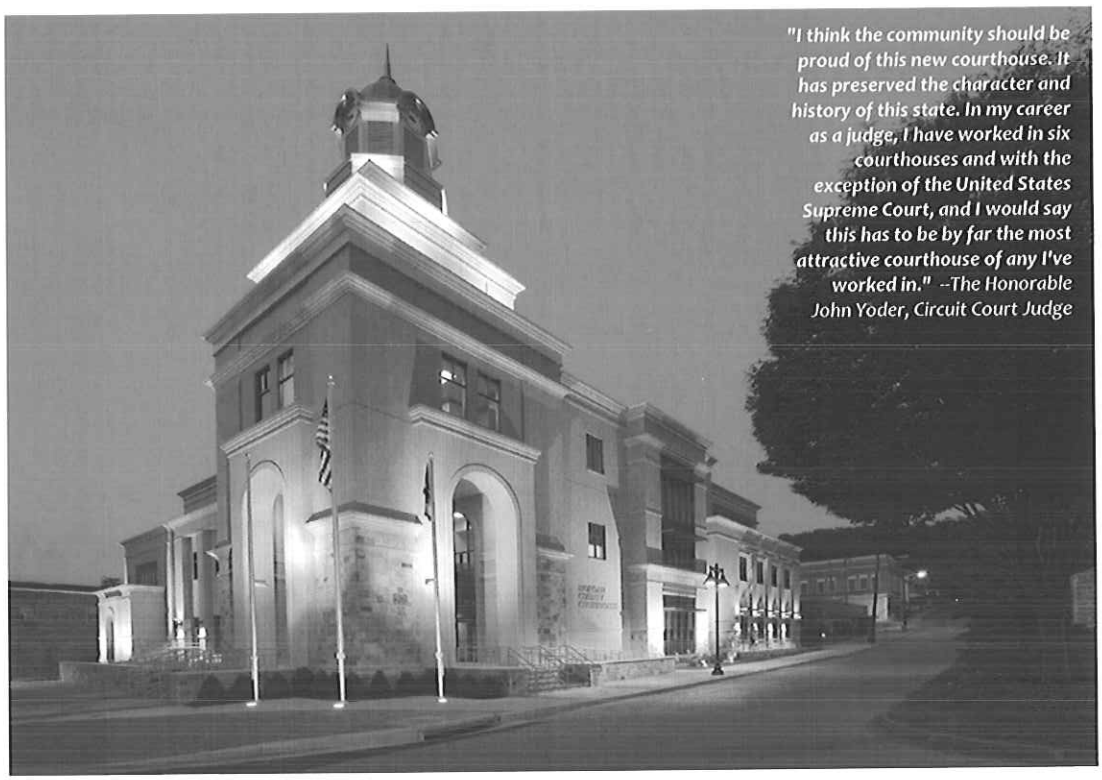
Morgan County Courthouse
Berkeley Springs, WV



Project Size: 47,000 gsf

Project Type: New Construction

Project Status: Completed in 2010

Contact: Brenda Hutchinson, Morgan County Commission, p 304.258.8540

On August 8, 2006, fire destroyed the Morgan County Courthouse located diagonally across the main intersection from the state park. Constructed in 1924, it was the second courthouse located at the site and what would be considered as the most prominent public property in the community. It was a relatively simple, neo-classical, two story, and yellow brick building that featured a clock-tower cupola above the classical cut-stone arch entry. The entry was oriented directly to Fairfax Street and a public green space/boulevard that was at one time the main road leading east toward Virginia.

After the fire, and despite an occasional public murmur suggesting the remains be leveled and the property be used as parking, the County leadership was immediately focused on rebuilding on the Courthouse site. A clear mandate from the community was to develop a design that was reminiscent of the old courthouse and add to the architectural character and the tourism spirit of Berkeley Springs. If the original building could not be replaced, the new courthouse should capture the historic memory of the old building and, to some degree, its details. Additionally, the 1924 building had numerous non-beholding additions that took from the essence of the original. A new building was an opportunity to incorporate the added area under a single roof and create a new courthouse complex.

The new courthouse has a dominant corner entry element that anchors the building composition and addresses both Fairfax and Washington Streets responding to the current urban circulation patterns, by contrast to the single entry from Fairfax Street of 1924. The entry element features two grand retro-classical stone arches, reminiscent of the historic building entry, yet enlarged to the scale of the two-story volume of the entry plaza. The corner element features a lighted clock-tower that recalls the 1924 cupola. The new entry responds to the presence of the state park and the central business district located along the Fairfax Street edge and the shops located across Washington Street. Additionally, the building is pulled back from the common line of the adjacent buildings located on Washington Street to create a hardscape public plaza and an ADA ramp/building signage element.

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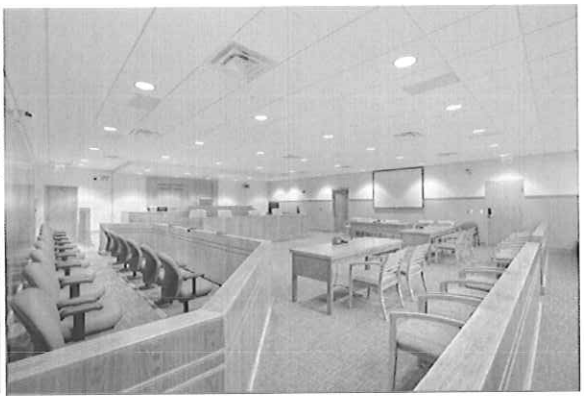
Morgan County Courthouse
Berkeley Springs, WV

The building materials include a stone base to tie the building to the context and yellow brick respectful both to the old courthouse and neighboring buildings. It is primarily a three-story building with larger floor-to-floor heights than the neighboring buildings. To minimize the overall scale at the street level, the Washington and Fairfax Street elevations are two-story components. Metal fascia and banding is an abstract of the classical dental mold of the old courthouse and creates scale. A one-story mass with an arched window marks the location of the County Commission adjacent to the public plaza. The scale of the ground level windows is intended to relate to the shops.

The building program includes a mix of county administrative offices on the first floor and county judicial functions including Circuit Court, Family Court and Magistrate Court on the second and third floors. To maximize the availability of natural light, offices are generally aligned to the exterior while courtrooms and records rooms are oriented to the core. Where offices are located to the core burrowed light is used to provide all offices a view to the exterior. The design includes best practice principles of public screening at the access point to vertical circulation, and clear separation of public, staff and in-custody litigants. The technical systems include state-of-art access control, courtroom digital switching and evidence presentation technology.

A highly sustainable geothermal HVAC system was designed utilizing the water from the existing Warm Springs Run (creek) through a heat exchanger integrated into the building's water source heat pump. For most of the year the water in the Run will allow the boilers and fluid coolers to stay offline, providing significant energy savings. Other notable sustainable features include a white EPDM roof, photovoltaic domestic water heating and window sun screens.



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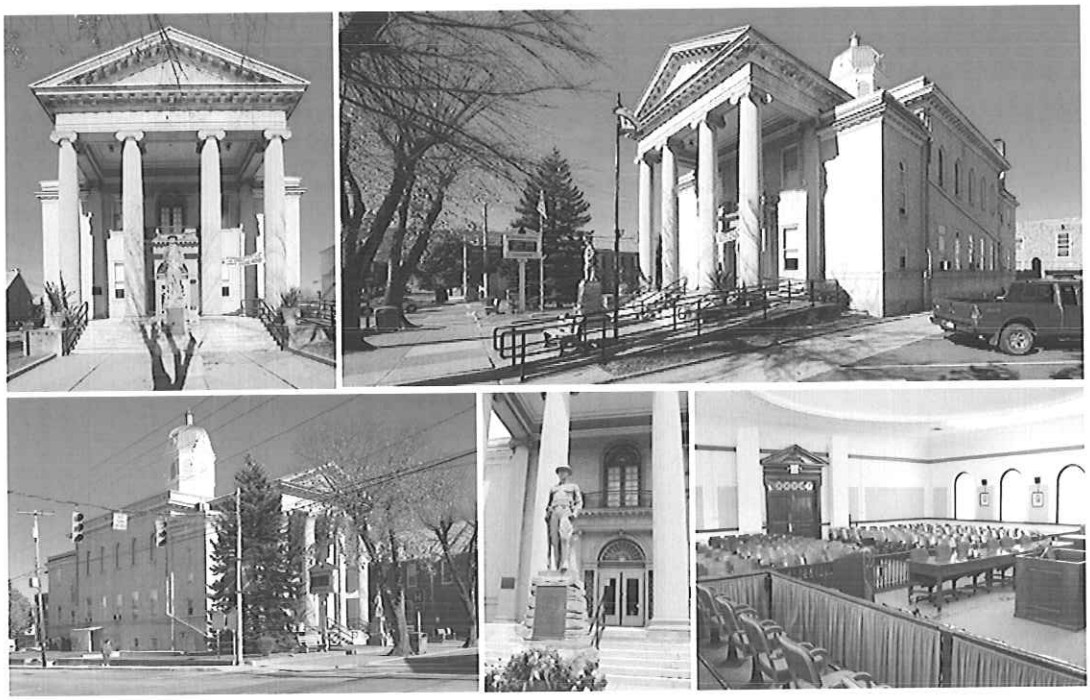
Hampshire County Courthouse Renovation

Romney, WV



Project Type: Historic Renovations

Project Status: 2012 Completion

Contacts: Patty Davis, Building Commission, 1.304.822.7212

The two-story buff brick Courthouse, constructed in 1922, is appropriately civic with a classical entry portico featuring stone columns and a closed pediment. The renovation and restoration of the historic Courthouse, scheduled for construction in 2012, will provide various architectural, mechanical, electrical, plumbing, data, and telecommunications upgrades throughout.

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Hampshire County WPA Annex Renovation

Romney, WV

Project Size: 9,500 gsf

Project Type: Interior/Exterior Renovations

Project Status: Completed in 2010

Contacts: Patty Davis, Building Commission, 1.304.822.7212

With the completion of the new Judicial Center project, the Hampshire County Commission engaged Silling to begin work on Phase II of the County's Facilities Improvement Plan—the renovation of the historic WPA Annex.

This $1.1 million project involved substantial interior demolition throughout all three floors to accommodate the needs of the Assessor's Office, Sheriff's Tax Office, and Sheriff's Department. All new interior architectural finishes were introduced along with a new elevator addition and a completely new electrical and mechanical system, as well as various plumbing, fire alarm, data, telecommunications, security, and lighting upgrades. Advanced lighting controls were used featuring occupancy sensors and bi-level lighting to enhance efficiency and reduce energy consumption. ADA compliance was also addressed throughout the building. The exterior stonework and masonry were cleaned and restored, and all new windows were installed throughout. Improved stormwater management, including new piping and catch basins, were installed.

Completed in 2010, this project provides 21st century amenities within a historic public building.

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Monongalia County Judicial Center
Morgantown, WV

Project Size: 80,000 gsf

Project Type: Interior Renovations

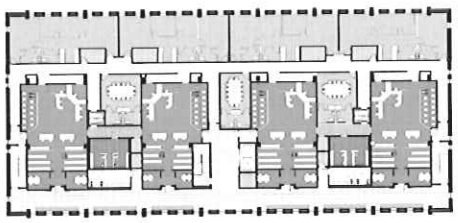
Project Status: Programming Phase

Contact: Diane Demedici, County Administrator, Monongalia County Commission, 304.291.7281

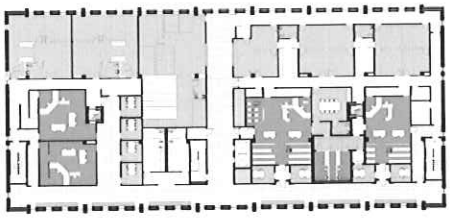
In March of 2012, the Monongalia County Commission selected Silling Associates to serve as the Designer and Architect of Record for the renovation of the former Harley O. Staggers Federal Building, located on High Street in downtown Morgantown.

This 80,000 square foot, four level building was purchased by the County in the fall of 2011 and will ultimately serve as the home of the County's judicial services. The scope of the project will involve a complete renovation of the building's architectural, mechanical, electrical, plumbing, structural, security, and data/telecommunications systems.

The facility will house the County's circuit court, circuit clerk, family court, magistrate court, magistrate clerk, adult and juvenile probation offices, prosecuting attorney, and election central. Additionally, Silling will be providing overall master planning services for the historic county courthouse, including space planning and renovations.



THIRD FLOOR



SECOND FLOOR

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Spilman Center Renovations
Charleston, WV

Project Size: 55,000 gsf

Project Type: Interior Renovations

Project Status: Completed in 2001, 2005, 2010, 2011

Contact: Kandy Nicoloudakis (Firm Administrator) or Jeff Davies (Facilities Manager) 304.340.3800

Silling has provided space planning and architectural design services for various renovation projects to the existing Spilman Center. An earlier phase involved the demolition of existing and "fit-up" design of new office space totaling 28,000 sf. A second phase of development was concluded in 2001 with the inclusion of a 6,500 SF component into the operation. In 2005, Silling designed major renovations to the existing FLT Boardroom, creating a new state-of-the-art audio/video conference space with flexible and powerful presentation and conferencing tools to support a diverse range of meetings, training sessions, and social events. The conference room includes a large video projection screen, a 61" flat panel plasma screen, an integrated speaker and microphone system, an acoustically designed wall panel system, lighting options engineered for various video presentations, a double exterior window wall to decrease the noise of the adjacent Kanawha Boulevard, and a comprehensive audio-visual control system providing user control of the system as well as the room environment, such as window shades and lighting. In 2009, Silling completed renovations to the public lobby/reception space, as well as the conversion of the former law library into accounting offices. Our firm's 2011 work includes renovations to the 2nd and 4th floors which includes the conversion of open office space to private attorney offices, the new HDB Conference Room, interior finishes renovations, and lighting fixture upgrades.

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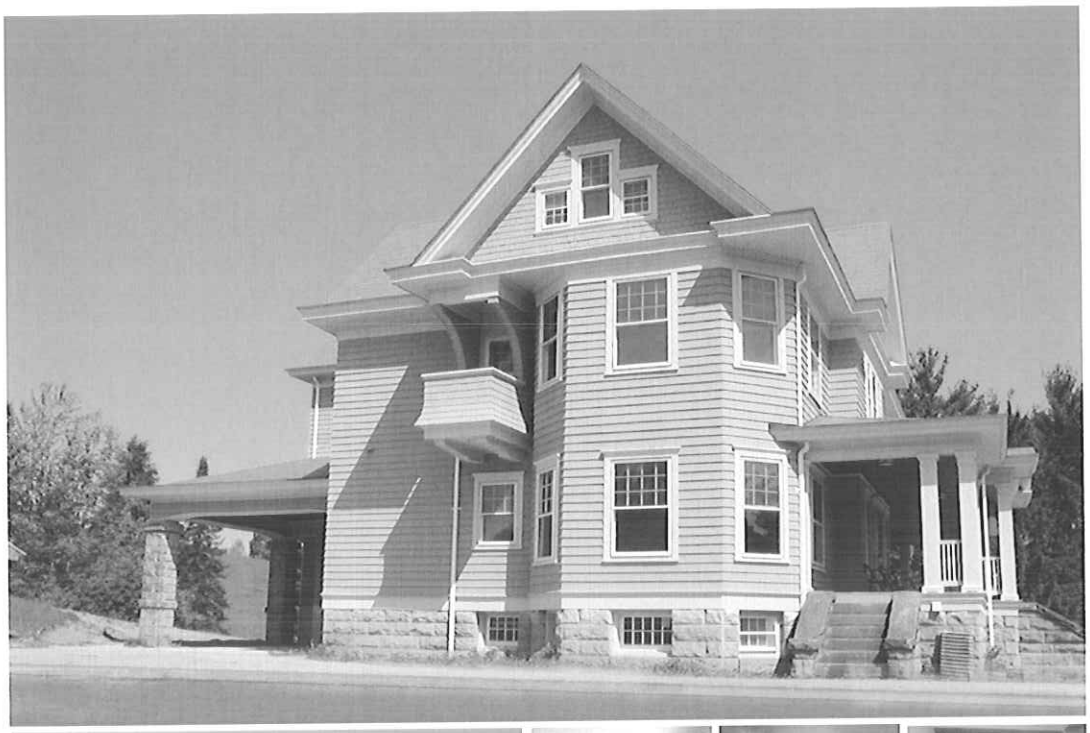
Pruntytown Warden's Residence
Pruntytown, WV



Project Type: Historic Restoration & Modernization

Project Status: Completed in 2002

Contact: Jim Rubenstein, Commissioner, WV Division of Corrections, 304.558.2036

Designed for the WV Division of Corrections, the Pruntytown Warden's Residence project provided state-of-the-art office space within this 7,560 square foot, 1920s arts and crafts style former residence. Key components of the design included exterior upgrades and restoration, interior refinishing and improvements, ADA improvements, and complete mechanical, electrical, plumbing, and data & telecommunications upgrades.

This project is a prime example of our design team's ability to provide all of the necessary amenities of 21st century office space while remaining sympathetic to the language of a historical residential structure.

B. Client References

Mr. Steve Canterbury
Administrative Director for the West Virginia Supreme Court
State Capitol Complex
Building 1, Room E-100
Charleston, WV 25305-0830
P 304.558.0145

Projects Referenced: Various ongoing work within the East Wing of the Capitol Building for the WV Supreme Court, as well as various new and historic courthouse design commissions throughout WV.

Mr. John Myers
Assistant Director, West Virginia Lottery
312 MacCorkle Avenue, SE
Charleston, WV 25314
P 304.558.0500

Project Referenced: City Center West Office Tower Renovation

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

Projects Referenced: Numerous past, present, and current projects for the WV Division of Corrections.

Mr. Glen R. Stotler
Former Commissioner & Current Family Court Judge
Morgan County Commission
706 Monte Vista Lane
Berkeley Springs, WV 25411
P 304.261.9790

Project Referenced: Morgan County Courthouse

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

Project Referenced: Charleston Civic Center Additions & Renovations

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Firm Profile

Silling Associates, Inc.
Architects + Planners
405 Capitol Street, Upper Atrium
Charleston, West Virginia 25301
p 1.304.346.0565
f 304.346.1522
web: www.silling.com

Number of Years in Business:
110 years

Firm Principals:
Thomas Potts, AIA
Jody Driggs, AIA

Total Employees:
20

Licensed Architects:
7

Graduate Architects:
3

Architectural success is measured by vision and an unwavering dedication to excellence. This axiom was the philosophical birth of Silling Associates Incorporated 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 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.

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.

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Organizational Structure

Awards & Recognition:

2004 Honor Award for Excellence in Architecture - Star USA Federal Credit Union

2006 Merit Award for Achievement in Architecture - James C. Wilson Union

2009 Honor Award for Excellence in Architecture - Chesapeake Energy Eastern Regional Headquarters

2010 Merit Award for Achievement in Architecture - Bible Center Church

2011 Honor Award for Excellence in Architecture - Haddad Riverfront Park & Schoenbaum Stage

2011 Merit Award for Sustainable Architecture - Private Residence

Silling Associates is a principal-led design practice, and the organizational structure of our firm is very much studio-oriented. The principals of our practice are actively engaged in all projects and routinely serve as daily project managers for all major design commissions. This structure ensures that first-hand project criteria, relayed directly from clients in programming and design review meetings, is directly applied to all work within the office; from conceptual design through construction detailing, specification writing, and construction observations services. Likewise, through this studio environment structure, all the talents and perspectives of the entire design and production staff at Silling are brought to each design task, allowing our firm to build multiple-person teams within the office to focus on a variety of projects simultaneously. Likewise, open sharing of project information, project status, and large picture scheduling of our workload allow architects, designers, and technicians to be informed on a number of current project needs and deadlines and cross-pollinate from job to job and task to task. This highly interactive and collaborative structure yield compelling design solutions, maintains client expectations throughout the process, and most importantly ensures quality through principal leadership.

Our staff is comprised of seven licensed architects with a combined 125 years of professional experience in design and project management. Each of these individuals bring unique qualifications, certifications, licensures, and professional service credentials, as well as a powerful resume of collegiate honors, graduate degrees, and community involvement. Three of our architects, including both partners, have served as current or past presidents of the West Virginia Chapter of the American Institute of Architects.

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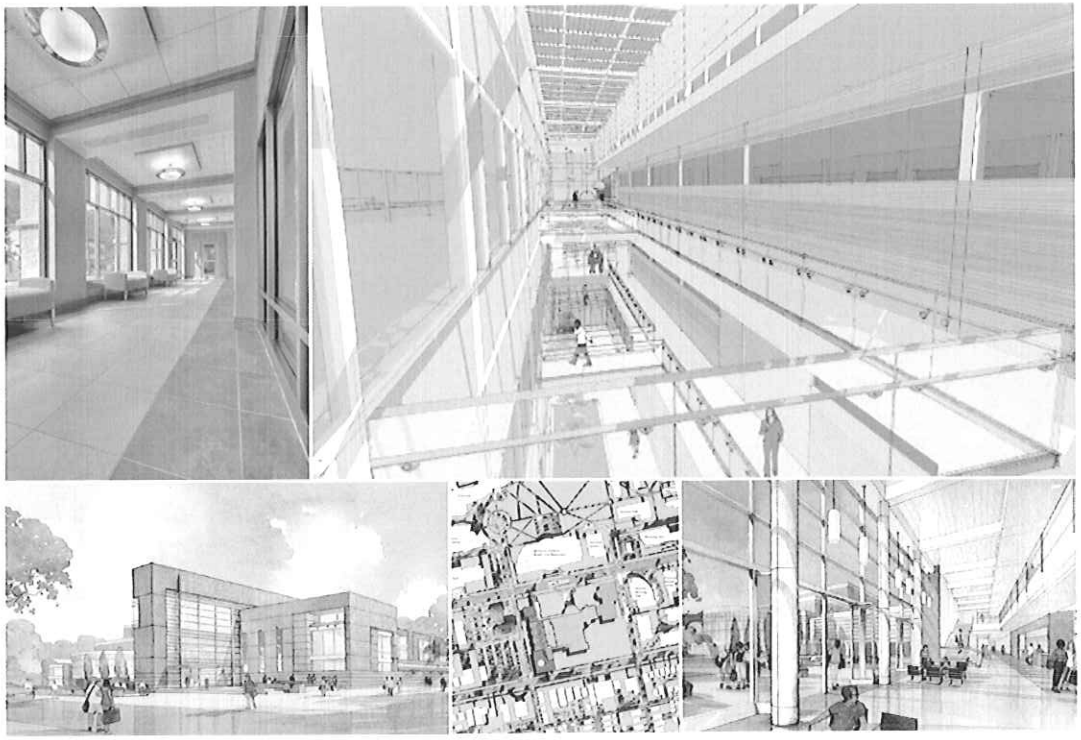
Professional Services



Today's dynamic marketplace demands versatility of the design professional. Silling Associates is structured to meet the needs of design/build, construction management, and the traditional design/bid/build delivery methods. Technology has driven the demand for increased design specialization. Collaboration and consensus are principles that are critical to the success of a project. Our staff has a track record of successful projects created both independent of, and in concert with, the most talented professionals within a given building type and engineering discipline. We are committed to delivering quality through understanding the nature of the project and composing the appropriate talents to achieve design excellence. At Silling we offer the following list of comprehensive architectural, planning, and interiors services:

- Feasibility Studies
- Master Planning
- Space Planning
- Architectural Programming
- Concept & Design Development
- Interior Design
- Furniture & Accessories Design
- Furniture & Accessories Specification
- LEED & Sustainable Design
- Construction Period Management
- Flexible Project Delivery

In addition, Silling routinely utilizes the services of some of the region's most qualified and talented engineering consultants, offering a proven history of project collaboration, seamless design integration, and excellent service to our clients.

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Markets

As general practitioners of architectural design, Silling Associates has extensive recent and relevant, as well as historic, experience with virtually every building type imaginable. While we certainly have a core of project typologies that have evolved within our specific market demands, we have been highly successful through our flexibility and competencies to deliver excellent service for projects large and small, and in a broad range of uses. Recent projects include custom, sustainable design services for single family residences and residential additions, governmental projects ranging from small renovations to 100,000+ square foot new county facilities, new hotel and resort facility designs, state-of-the-art medical office centers, collegiate campus master plans, and new convocations centers and athletic arenas. In recent years, our firm alone has designed nearly 2 million square feet of building construction touching virtually every sector of building occupancy classification. At Silling, we are very proud of our diversity of design experience and our ability to create architecture that intimately speaks to our clients' missions, programs, budgets, schedules, sites, and their place in time.

Silling Associates offers a diverse range of planning and design leadership within the following core markets:

- **Architecture for Justice** - Courthouse, Judicial, Governmental Administration, Corrections, + Public Safety
- **Architecture for Learning** - Higher Education, Secondary Education, + Vocational Education
- **Architecture for Working** - Corporate, Governmental, Banking & Financial, Retail, & Hospitality
- **Architecture for Health & Wellness** - Hospitals, Medical Centers, + Medical Office Buildings
- **Architecture for Living** - Custom Residences, Loft Housing & Urban Living, + Condominiums
- **Architecture for Worship** - Worship Centers + Educational Centers
- **Architecture for Recreation** - Hotels & Resorts, Riverfront Development, + Athletic Recreation

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Sustainable Design

Our philosophy about sustainability is based on an understanding that the environments where our clients live, work, learn, and play have a tremendous impact on their health, safety and well-being. Likewise, our work has a direct impact on the ecology of the locations where we build, the air we breathe, and the resources we consume to build. Our commitment to sustainability is evidenced by a fully integrated process where optimal design results derive from a long term project goal perspective which best serves the Triple Bottom Line of people, planet and profit combined with practical, yet sophisticated, technological solutions resulting in High Performance Buildings.

The High Performance Buildings we design embody these core design objectives:

- Site design with minimal disturbance to the landscape
- Stormwater management with no off-site discharge
- Rainwater capture for use as grey water
- Water conservation throughout the building
- Energy-conserving mechanical and electrical systems
- Renewable energy utilization
- Environment friendly products
- Indoor air quality enhancement
- Minimize operations and maintenance resources

LEED AP

U.S. GREEN BUILDING COUNCIL LEED USGBC

LIVING BUILDING CHALLENGE 2.0

As the building industry has shifted toward sustainability, various metrics have emerged which allows architects and the public they serve to both quantitatively and qualitatively measure each project's sustainable features. Silling has experienced staff working with two independent organizations which meter sustainability: the USGBC's LEED rating system and the more rigorous International Living Future Institute's Living Building Challenge. Using either rating system identifies your project's sustainable achievements and acknowledges your organization's leadership and commitment to people, planet and profit.

Jody Driggs, AIA, NCARB
Principal

As a principal with Silling Associates with sixteen years' experience in the design practice, Jody has been a major force in the firm's creative direction. His energy, focus and talent for conceptualizing complex projects have contributed largely to the firm's reputation for design excellence. As a principal architect and designer, he is responsible for working closely with the owner to establish clear programmatic needs and design criteria, as well as to develop responsive schematic site plans, floor plans and elevations that blend the meaning and spirit of the owner's program with site and cultural forces. His conceptual design talents, artistic ability, and versatility have been illustrated in such projects as the award-winning James C. Wilson Student Union at West Virginia State University, Bible Center Church, and Chesapeake Energy's Eastern Regional Headquarters, as well as the Mardi Gras Casino Resort Hotel and West Virginia Lottery Headquarters.

Professional Experience
16 years

Education
-Bachelor of Architecture
University of Tennessee, 1996

Licenses & Certifications
-WV, MD, PA, VA, KY, OH
-National Council of Architectural Review Boards

Professional Affiliations
-President, American Institute of Architects (AIA), WV Chapter, 2010-2011
-Past Vice President, AIA, WV Chapter, 2008-2009
-AIA WV Scholarship Committee

Awards & Recognition
-2011 AIAWV Honor Award, Haddad Riverfront Park
-2009 AIAWV Honor Award, Chesapeake Energy Eastern Regional Headquarters
-2010 AIAWV Merit Award, Bible Center Church
-2007 "Young Guns" Recipient, West Virginia Executive Magazine
-2006 "40 Under 40" Recipient, The State Journal
-2005 AIAWV Merit Award, James C. Wilson Student Union

Select Experience

Mardi Gras Casino Resort Hotel
Cross Lanes, WV

Bible Center Church
Charleston, WV

West Virginia Lottery Headquarters
Charleston, WV

Visual Arts Center
Marshall University
Huntington, WV

Student Recreation Center Study
Marshall University
Huntington, WV

Joan C. Edwards Fine Arts Building Renovation, Marshall University
Huntington, WV

James C. Wilson Student Union
West Virginia State University
Institute, WV

Athletic, Convocation, & Academic Center
West Virginia State University
Institute, WV

Hamblin Hall Academic Science & Research Center Study,
West Virginia State University
Institute, WV

Downtown Media Center Feasibility Study
West Virginia State University
Charleston, WV

University Campus Master Plan
West Virginia State University
Institute, WV

Marsh Hall & Library Renovations
Concord University
Princeton, WV

WVU Tech Student Center Renovations
West Virginia University Tech
Montgomery, WV

Chesapeake Energy Eastern Regional Headquarters
Charleston, WV

Huntington Pediatric Dentistry
Huntington, WV

Kanawha Valley Heart Specialists Medical Office Center
South Charleston, WV

St. Timothy Lutheran Church
Charleston, WV

Brian Estep, AIA
Project Architect

Brian has twenty years' experience as an Architect and Project Manager serving a multitude of project types, most notably within the secondary and higher education, commercial office, and judicial markets. He is primarily responsible for programming, design development, construction document production, and coordination of the architectural and engineering disciplines.

Prior to joining Silling in January of 2012, Brian served as a senior Project Architect for another Charleston architectural practice for eight years. He previously worked in St. Petersburg, Florida at CBB Architects from 1997 to 2001 before returning to his home state of West Virginia.

A graduate of the University of Tennessee in 1992, Brian has several notable awards to his credit including an AIA Tampa Bay Design Award for WUSF-TV studios and offices on the University of South Florida campus, as well as an AIA WV Honor Award for the Erma Byrd Center for Public Higher Education located in Beckley, WV.

Professional Experience
20 years

Education
-Bachelor of Architecture
University of Tennessee, 1992

Licenses & Certifications
-WV

Previous Experience
-ZMM Architects + Engineers (2003 to 2011)
-Augusta Engineering (2001 to 2003)
-CBB Architects (1997 to 2001)
-ZMM Architects + Engineers (1992 to 1997)

Professional Affiliations
-American Institute of Architects (AIA), WV Chapter

Awards & Recognition
-AIA Tampa Design Award for WUSF-TV, University of South Florida
-AIA WV Honor Award for Erma Byrd Center for Higher Education
-AIA Honor Award - WV Housing Development Fund

Select Experience

Athletic, Convocation, & Academic Center
West Virginia State University

Wood County Justice Center
Parkersburg, WV

Erma Byrd Center for Public Higher Education
Beckley, WV

Applied Technology Center
Southern WV Community College

West Side Elementary School
Charleston, WV

Mt. View Middle School / High School
Welch, WV

Riverview High School
Bradshaw, WV

Bradshaw Elementary School
Bradshaw, WV

Big Otter Elementary School
Big Otter, WV

Milton Middle School
Milton, WV

West Virginia Housing Development Fund
Offices - Charleston, WV

Fort Gay Pre-K through 8 School
Fort Gay, WV

Education Wing Renovations
Christ Church United Methodist

Kanawha County Public Library
Charleston, WV

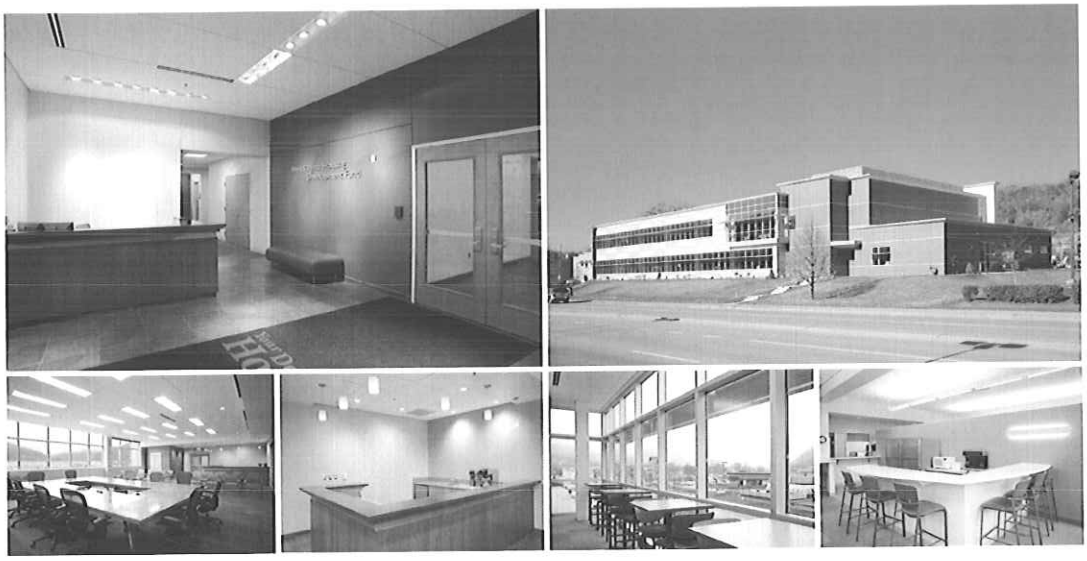
West Virginia Museum Gift Shop
Culture Center - Charleston, WV

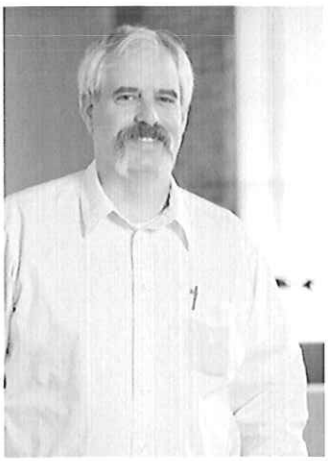
Charleston, WV

West Virginia Housing Development Fund

Brian was Project Architect and Project Manager on the 36,000 square feet headquarters of the West Virginia Housing Development Fund in Charleston's Kanawha City neighborhood. The $8.5 million building is located on a 2 acre parcel of a former industrial site. The 2-story, steel-framed structure features natural day-lighting of the interiors, open office space located at the perimeter and private offices, file storage and copy rooms at the core. This arrangement allows for total flexibility and will accommodate future reallocation of space as needed without interruption to employees.

This project was awarded an Honor Award from AIA-West Virginia in 2012.





Sean Simon, AIA

Construction Period Service Manager

Sean has twenty years' experience involving all phases of architectural programming, design, construction document production, and construction contract administration. Sean joined Silling 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 is responsible for facilitating preconstruction meetings providing clear definition of project goals and owner expectations, reviewing contractor submittals, product samples, and shop drawings for conformance to the contract drawings and specifications, attending progress meetings to maintain clear communication with builders, observing installation of materials and systems to verify their conformance with the design intent, and monitoring the project schedule.

Professional Experience
20 years

Education
-Bachelor of Architecture
University of Tennessee, 1992

Licenses & Certifications
-WV, MD, PA, OH, VA

Professional Affiliations
-American Institute of Architects (AIA), WV Chapter

Civic Involvement
-Cub Scoutmaster for Pack 434, Unit Commissioner for Little Kanawha District, Allohak Council

Select Experience

Joan C. Edwards Fine Arts Building Renovation, Marshall University

Athletic, Convocation, & Academic Center
West Virginia State University

Multiple Boiler & Chiller Replacements
West Virginia State University

Marsh Hall, Fine Arts Building, & Library Renovations, Concord University

Chesapeake Energy Regional Field Operations Facilities, PA & WV

Morgan County Courthouse
Berkeley Springs, WV

Hampshire County Judicial Center & Courthouse Facilities Renovations
Romney, WV

Raleigh County Judicial Center
Beckley, WV

Mardi Gras Casino Resort Hotel
Cross Lanes, WV

Putnam County Courthouse Renovations
Winfield, WV

Sullivan Hall Elevator Replacement
West Virginia State University

Huttonsville Correctional Work Camp
Huttonsville, WV

Anthony Correctional Center
White Sulphur Springs, WV

Kanawha Valley Heart Specialists
South Charleston, WV

Kanawha Valley Heart Specialists
South Charleston, WV

Huntington Pediatric Dentistry
Huntington, WV

West Virginia Lottery Headquarters
City Center West Renovation
Charleston, WV

Parkersburg Work Release Center
Parkersburg, WV

Putnam County Animal Shelter
Winfield, WV

Carmen Wong, Associate AIA, LEED AP

Graduate Architect

Carmen Wong, is a graduate architect who graduated first in her class from the Ricardo Palma University in Lima, Peru. In May of 2007, Wong received her Masters of Architecture from the University of Illinois at Urbana-Champaign.

Her educational honors include being selected to participate in the honored Design Studio directed by Dr. Ken Yeang, an internationally renowned Malaysian-British architect specializing in sustainable green architecture, bioclimatic skyscrapers, and ecologically responsive design; the Earl Prize in Design and Graduate Student Design Award; and the Coriwasi Award given to the top student in the 5-year undergraduate program.

In addition to her dynamic design talents and LEED-accredited credentials, Wong utilizes a variety of three-dimensional computer modeling programs and rendering techniques, providing Silling's clients the ability to "see" and better visualize their proposed building throughout the entire design process.

Professional Experience
7 years

Education
Bachelor of Architecture
Ricardo Palma University
(Lima, Peru) 2001

Master of Architecture
University of Illinois Urbana-Champagne 2007

Professional Affiliations
American Institute of Architects – West Virginia Chapter (AIAWV)

Awards & Recognition
- 2011 AIA WV Honor Award for Excellence in Architecture, Haddad Riverfront Park
- Coriwasi Award, Top Student in 5 Year Program – Ricardo Palma University (2001)
- Earl Prize in Design & Graduate Student Design Award (2005) – University of Illinois Urbana-Champagne

Select Experience

West Virginia Lottery Headquarters
Charleston, WV

Chesapeake Energy Eastern Regional Headquarters
Charleston, WV

Haddad Riverfront Park Stage, Amphitheatre, & Canopy
Charleston, WV

WV Supreme Court of Appeals East Wing of the State Capitol Complex
Mardi Gras Casino Resort Hotel
Cross Lanes, WV

Mardi Gras Casino Resort Convention & Conference Center
Cross Lanes, WV

Charleston Civic Center Expansion & Modernization Study
Charleston, WV

West Virginia State University Downtown Media Center
Charleston, WV

Huntington Pediatric Dentistry
Huntington, WV

Kanawha Valley Heart Specialists
South Charleston, WV

Raleigh County Judicial Center
Beckley, WV

Jefferson County Judicial Center
Charles Town, WV

Morgan County Courthouse
Berkeley Springs, WV

Hampshire County Judicial Center
Romney, WV

Bible Center Church
Charleston, WV

Putnam County Animal Shelter
Winfield, WV

Moses Private Residence
Barboursville, WV

Kim Ellis, Associate AIA

Interior Designer

Kim Ellis joined Silling Associates in 2008 and brings a diverse experience within both the architectural and interior design industries. Upon completing her Interior Design Internship at the award-winning Dorothy Draper and Company in New York, Kim has enjoyed twelve years working within the architectural community.

She has provided extensive interior design, architectural production and coordination, construction administration, and architectural team training services. A few of her most notable and recent interiors work at Silling includes the Mardi Gras Casino Resort Hotel, East Wing renovations at the State Capitol Complex for the Supreme Court of Appeals, Morgan County Courthouse, Huntington Pediatric Dentistry, Moses Residence, and Raleigh County Judicial Center. In addition, Kim's previous professional experience includes code research for various restaurant, retail, petroleum, educational, and business projects in many jurisdictions across the United States, as well as local building, electrical, plumbing, mechanical, fire, and ADA accessibility guidelines.

Professional Experience
15 years

Education
-Bachelor of Interior Design
Carney Varney Department of Art & Design
University of Charleston, 1997

Previous Experience
-Dorothy Draper and Company - New York NY (1996)
-Shremshock Architects - Columbus, OH (1997-1999)
-WD Partners - Columbus, OH (1999-2004)
-ZMM, Inc.- Charleston, WV (2004-2008)

Professional Affiliations
-American Institute of Architects (AIA),
WV Chapter

Awards & Recognition
-2010AIAWV Merit Award for Sustainability, Moses Residence
-AIA Honor Award, Hacker Valley Pre-K - 8 School

Select Experience

WV Supreme Court of Appeals
Charleston, WV

Mardi Gras Casino Resort Hotel
Cross Lanes, WV

Moses Residence
Barboursville, WV

Allegany County District Court
Cumberland, MD

Morgan County Courthouse
Berkeley Springs, WV

Raleigh County Judicial Center
Beckley, WV

West Virginia Lottery Headquarters
Charleston, WV

Huntington Pediatric Dentistry
Huntington, WV

Lewis County Judicial Center
Weston, WV

Hacker Valley Pre-K – 8 School
Webster County, WV

New River Elementary
Fayette County, WV

Mountaineer Middle School
Harrison County, WV

Southside Elementary
Cabell County, WV

Huntington Middle School
Cabell County, WV

The Boulevard at 2412
Charleston, WV

Scheeser Buckley Mayfield

Mechanical, Electrical, Plumbing, Civil, + Telecom Engineering

Scheeser Buckley Mayfield LLC
1540 Corporate Woods Parkway
Uniontown, OH 44685
P 1.330.896.4664
www.sbmce.com

Number of Years in Business:
53 Years

Firm Principals:
Michael P. Wesner, PE, LEED AP
James P. Kulick, PE, LEED AP
James E. Eckman, PE, LEED AP
Marlon C. Hathaway, PE, LEED AP
Kevin M. Noble, PE, LEED AP
Chris J. Schoonover, PE, LEED AP
Vincent J. Feidler, PE, LEED AP
Chad B. Montgomery, PE, LEED AP
Joshua J. Roehm, PE, LEED AP
Ronald R. Radabaugh, PE, LEED AP

Total Employees:
44

Licensed Engineers:
14

Graduate Engineers:
11

Scheeser Buckley Mayfield LLC is a regional consulting engineering firm that serves clients throughout West Virginia, Ohio and the 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. The firm has enjoyed a steady growth in clients and geographical area served throughout its history, and its services now include electrical, civil, and telecommunication design. Scheeser Buckley Mayfield is entering its 50th year of operation.

Scheeser Buckley Mayfield LLC has developed an outstanding reputation for both 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. It has extensive experience in the design and analysis of projects of all sizes, which it can draw upon for future projects. 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 and which need to be considered on the current project to allow for future growth. Scheeser Buckley Mayfield LLC 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 Scheeser Buckley Mayfield's projects originate from clients who have used its services previously and wish to continue a professional association. Scheeser Buckley Mayfield LLC strives to provide very professional and competent engineering services to all of our clients and to develop a personal relationship with these clients. This 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.

JAMES E. ECKMAN, PE, LEED AP, CBCP

President - Electrical Engineering

Mr. Eckman attended The University of Akron where he received his Bachelor of Science Degree in Electrical Engineering in 1984.

After graduation, Mr. Eckman began his career as a consulting engineer by accepting a position as junior engineer with Kucheman, Peters and Tschantz, Inc., an electrical consulting firm in Akron, Ohio. During this engagement, he gained experience in the electrical design of commercial, industrial and healthcare facilities. Mr. Eckman also served as project manager for many of the projects he designed.

Concurrently, Mr. Eckman taught an electrical engineering course called "Illumination" at The University of Akron.

After leaving KPT, Inc. in 1987, Mr. Eckman gained additional experience in the construction industry by accepting the position of Engineer/Estimator for Thompson Electric, Inc. in Munroe Falls, Ohio. During this engagement, he designed and acted as project manager for several large industrial projects. He also earned electrical contractor licenses in several area communities.

Desiring to further his career as a consulting engineer, Mr. Eckman accepted a position of Senior Engineer with Scheeser Buckley Mayfield LLC in 1989. Mr. Eckman was promoted to the position of Associate in 1990, became a Principal in the firm in 1991 and Vice President of Electrical Engineering in 1992, and President in 2003.

Mr. Eckman was a member of the Institute of Electrical and Electronics Engineers for eight years and is currently an active member of the Electrical League of Northeastern Ohio and the Illuminating Engineering Society (IES). Mr. Eckman has served as Treasurer and President of the Cleveland/Akron IES section and a member of the Executive Committee for the Electrical League. Mr. Eckman served on the College of Engineering Advancement Council for The University of Akron from 2002 to 2004 and is currently serving as Secretary of The University of Akron Electrical Engineering and Computer Engineering Advisory Council as Vice Chairman.

Jim is a LEED v2 Accredited Professional and is registered in the State of Ohio, West Virginia, Pennsylvania and Indiana.

In 2005, Jim received his Lighting Certification (LC) from the National Council on Qualifications for Lighting Professionals (NCQLP).

In 2009, Jim received his Certified Building Commissioning Professional (CBCP) administered by the AEE (Association of Energy Engineers).

MICHAEL P. WESNER, PE, LEED AP, CBCP

Vice President - Mechanical Engineering

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

WV Supreme Court Renovations to the East Wing of the WV State Capitol – Charleston, WV

This historic renovation project involves the phased renovation of the third and fourth floors of the East Wing of the West Virginia State Capitol Building. Primary components of this project included the historic restoration of the Justices' conference room, renovations to each of the Justice's private chambers, and a complete renovation and modernization of the 4th floor offices for legal assistants totaling 5,300 square feet. In addition, various mechanical, electrical, plumbing, and telecommunications upgrades were provided.

WV Capitol House Elevator Upgrade – Charleston, WV

First Ladies Library – Canton, OH

Scheeser Buckley Mayfield LLC provided mechanical, electrical and telecommunication design for the remodeling of approximately 9,700 gsf of area on the basement, first and second floors of the National First Ladies Library on Market Street in Canton. In addition, design was provided for the remodeling of the top four floors into office space.

Federated Church Renovations – Chagrin Falls, OH

Project consisted of HVAC, plumbing, power and lighting system upgrades to the classroom wing and sanctuary of a historic church located in Chagrin Falls, Ohio. Highlights of the systems included a new 22,000 CFM rooftop air handling unit and two new 1,500 MBH cast iron sectional hot water boilers. Electrical and mechanical systems were carefully coordinated with existing structural conditions so that ductwork, piping and conduits could be installed with minimal impact to the building interiors. The square footage of the renovations comprised of approximately 23,000 square feet.

Canton Palace Theatre – Canton, OH

Scheeser Buckley Mayfield LLC performed electrical design services consisting of renovation of existing stage lighting, and design of new stage lighting and all associated components (dimmer racks, wiring, connector strips, multi-cables, etc.). Design also included power distribution revisions to support new lighting, electrical power and control design for new marquee and electronic sign boards, and electric design for new stage rigging equipment and controls.

Douglass High School Renovations – Huntington, WV

Scheeser Buckley Mayfield LLC provided the mechanical and electrical design renovation for the building which is on the National Register of Historic Places. The renovation project consisted of a total overhaul of all aspects of the building. The exterior received new energy efficient windows, new roof and masonry restoration. The interior was completely renovated and now houses offices, medical facilities for Ebenezer Medical Outreach and, once again, classrooms.

Case Western Reserve University - Elder Theater Hall Renovations - Cleveland, OH

Scheeser Buckley Mayfield performed the mechanical and electrical design for the Elder Theater Hall Renovation. The initial phase of the project included a study reviewing the mechanical and electrical systems along with recommendations for replacement and probable construction costs. The renovation work had to be coordinated and designed to minimize the impact to the historical character and aesthetics of the building. This included the installation of a new wet pipe sprinkler system, replacing the main air handling unit system, and relocating an existing emergency generator. The removal and installation of the new air handling unit had to be accomplished by bringing equipment through a 40"x30" window opening in an attic mechanical room. The lighting in the theater and stage was redesigned. Track lighting was used for "lecture" presentations and the existing "theater" lighting was reused for theatrical productions. New wallbox dimmers where used for house lighting in the theater and period correct pendant lighting was used for house lighting. The existing theater dimming system was incorporated for the theatrical lighting control.

SHELLEY METZ BAUMANN HAWK
STRUCTURAL ENGINEERING

Shelley Metz Baumann Hawk
Structural Engineering

Shelley Metz Baumann Hawk, Inc.
1166 Dublin Road, Suite 200
Columbus, Ohio 43215
p 614.481.9800
f 614.481.9353
www.sbmce.com

Number of Years in Business:
40 Years

Firm Principals:
William Shelley,PE
Robert A. Baumann, PE
Stephen Metz, PE

Total Employees:
19

Licensed Engineers:
11

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

- Educational
- Institutional
- Religious
- Commercial
- Recreational
- Residential
- Healthcare
- Public Projects

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

- Design and documentation of building projects including new construtions and renovations using steel, concrete, masonry and wood
- Analysis and inspections 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 service of the highest quality. The key to success of any project is balanced design, functionality and costs. We work closely with our clients to ensure that the structural design compliments each building.

The leadership team of Shelley Metz Baumann Hawk, Inc. has over 120 years of combined experience in structural design and enjoys the challenge of developing creative structural engineering solutions.

Robert A. Baumann, PE

Vice President/Project Manager

Mr. Baumann has been employed in the consulting structural engineering business since 1981. He received a Bachelor of Science Degree in Civil Engineering in 1980. 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.

Mr. Baumann is registered to practice in the following states: Arkansas, Georgia, Iowa, Kentucky, Nebraska, Nevado, Ohio, Oregon, Rhode Island, South Carolina, Washington and West Virginia.

Professional Affiliations Include:

- American Institute of Architects (AIA) – Affiliate Member
- American Society of Civil Engineers
- American Concrete Institute
- American Wood Council, Design Professional Member
- Structural Engineers Association of Ohio – Charter Member
- St. Elizabeth Church – Finance Committee Chairman
- American Institute of Steel Construction – Design Professional Member

SHELLEY METZ BAUMANN HAWK
STRUCTURAL ENGINEERING

246 North High/35 East Chestnut Renovation Phases 1 through 5

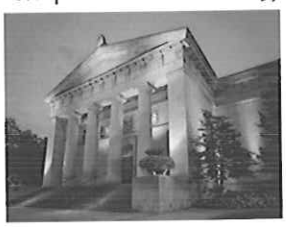
The ten-story office building at 246 North High Street (corner of High and Chestnut) was constructed in the early part of the 20th century. There was a major ten-story addition constructed on the south side in 1948, at which time the brick façade of the original building was covered with new stone panels. A ten-story office building at 35 East Chestnut was constructed in the 1960's and connected to the 246 building to the west with corridors spanning the intervening alley. The State of Ohio has undertaken a complete renovation of the complex, with the goal of extending the useful life of the buildings by forty years. A thorough investigation of the building façade was determined to be an essential component of the revitalization process. The investigation included removal of selected portions of the brick and stone facade in order to examine the steel shelf angles and ties. In addition, a number of other modifications to the building structure were included in the scope of work. These included infill of existing floor openings, addition of new stairways and repair of deteriorated concrete columns in the basement of 246 North High. (Columbus, Ohio - Construction Cost: $46,000,000 - Completion Date: Ongoing)

Fleming Hall Addition - West Virginia State University

This is an addition to Fleming Hall in the form of a 36,000 square foot basketball arena seating 2,500 people. It also includes renovation of 34,000 square feet of existing space that is lockers, sports offices and a 1,200-seat basketball gym. (Institute, West Virginia - Construction Cost: $10,000,000 - Completion Date: Est. 2013)

Cincinnati Art Museum Renovation - Phase 1 (pictured at right)

This project involves internal modifications to three existing buildings. The original building was built in 1890 and two additions were built, one in 1970 and the other in 1980. This project involves very complex renovations in the three buildings to create new spaces. (Cincinnati, Ohio - Construction Cost: $13,300,000)



West Virginia Lottery Headquarters - City Center West Office Tower Renovation

The $14,000,000 project includes comprehensive architectural, structural, mechanical, electrical, and fire protection renovations throughout the building, and also includes modernization of the building's three passenger elevators and one freight elevator. Interior space modifications were specifically designed to accommodate the WV Lottery and other state agencies while IBC, NFPA, and ADA Code compliance issues were addressed throughout the building. (Charleston, West Virginia - Construction Cost: $14,000,000 - Completion Date: 2012)

William Oxley Thompson Library Addition & Renovation - The Ohio State University

A very unique project for The Ohio State University, the existing building is comprised of the original structure built in 1913 and an 11-story addition, known as the stacks tower, which was built in 1952. Further, a three-story addition was completed in the mid-1970s, which was demolished to make room for the new four-story addition. Early in the design process, a seismic analysis of the additions was conducted and it showed a deficiency in the 1950s addition that resulted in the need for seismic retrofit. Further, major bearing walls in the original building were removed while maintaining some of the existing framing that was supported by these walls, resulting in the need for new framing that could support the existing framing. Built over an existing utility tunnel that had to remain in place, some of the existing foundations were reused to avoid damaging the tunnel. To achieve the architect's vision for the project, SMBH had to develop several creative engineering strategies. For example, large portions of bearing walls were removed in the original building to allow for a four-story atrium, which required creative framing solutions to maintain the existing floors and roof while the supporting walls are removed. Steel plate shear walls were used in the stacks tower so that the book stack capacity was not reduced by the presence of new bracing. Understanding the existing structure was crucial to the success of this project. One of the project's goals was to take a building that felt dark and enclosed and make it feel open and bring in daylight. This resulted in numerous requests to SMBH to see if portions of the existing structure could be removed or modified. Total project size is 300,000 square feet. (Columbus, Ohio - Construction Cost: $64,000,000 -Completion Date: 2009)

MICHAEL GIOULIS
HISTORIC PRESERVATION CONSULTANT, INC

Michael Gioulis
Historic Preservation Consultant

Michael Gioulis
614 Main Street
Sutton, WV 26601
304.765.5716
www.michaelgioulis.com

The firm of Michael Gioulis specializes in the preservation of historic structures and the preservation and interpretation of historic sites. Mr. Gioulis has been a historic preservation professional since 1977. Since 1984, he has been practicing as a private Historic Preservation Consultant dedicated to enhancing awareness of historic preservation through historically accurate restorations and rehabilitations of many prominent buildings in West Virginia and surrounding areas.

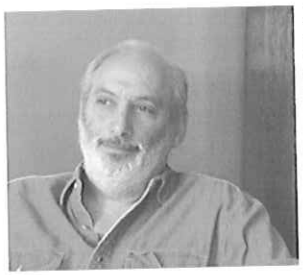
Since 1988, Mr. Gioulis has held a contract with the State of West Virginia as their Main Street West Virginia Design Contractor. Revitalization of commercial downtown buildings is the focus of the program emphasizing the preservation of historic integrity.

In conjunction with his work in historic preservation, Mr. Gioulis also offers services in the following areas: HABS/HAERS Reports, 106 Reviews, Feasibility Studies, Design Guidelines, Historic Preservation Certification Applications for tax credits, National Register Nominations, Historic Resource Surveys, and CAP Assessments.

Consulting with architects and property owners, Mr. Gioulis is also involved in several rehabilitation projects involving residential and commercial buildings. Preservation of historic fabric and character-defining elements of these extant buildings are the ingredients providing for their efficient, contemporary use within the community.

MICHAEL GIOULIS

Historic Preservation Consultant



Mr. Gioulis has been a historic preservation professional since 1977. After beginning his West Virginia career working for the State Historic Preservation Office, Mike became the Assistant Director. He served as Historical Architect for the West Virginia Department of Culture and History and as Assistant Director of the Historic Preservation Unit. While there he was involved in a number of programs, including: Survey and Planning grants; historic resource surveys; review of construction grant projects; and tax certification applications. He is familiar with all aspects of interpreting standards for rehabilitation of existing and historic buildings. Mike meets the Secretary of Interior Professional Qualifications for Architectural Historian as outlined in 36 CRF 61 through the West Virginia Division of Culture and History, State Historic Preservation Office (SHPO). This certification assures that the Gioulis firm is qualified and has a background in the performance of historic preservation according to specified standards.

Since 1984, he has been practicing as a private Historic Preservation Consultant and has held a contract with the state as its Main Street West Virginia Design Contractor since 1988. In private practice since 1984, he has been involved in rehabilitation projects and design assistance programs for downtown structures. This includes services to the West Virginia Main Street Office, resulting in over 1000 individual design projects, as well as workshops, resource team visits and technical assistance responses. Resource teams involve intensive site visits in a charrette environment reviewing community resources and developing strategies for revitalization. He has participated in over 50 teams. In addition, Michael has written a Maintenance Manual for downtown property owners. He has completed a number of successful tax certification applications and has participated in individual rehabilitation and restoration projects including the restoration of 20 building facades in downtown Matewan, WV.

Mr. Gioulis has successfully nominated numerous individual resources and historic districts to the National Register of Historic Places within West Virginia as well as in Ohio. Many of these projects were a continuance of an overall identification and protection strategy for the respective historic landmarks commissions and individual property owners. Recently, he has been involved with several ARRA projects, including the Huntington Federal Building, Huntington Courthouse and Mt. Hope Federal Building. For these he completed the Section 106 review process and participated in the planning and design of various projects including window replacement, window repair, HVAC and other work. All work followed the Secretary of the Interior's Standards for Historic Preservation projects. He consulted with the State Historic Preservation Office to facilitate the 106 process.

A number of training and technical workshops have been conducted by Mr. Gioulis. These include design workshops for the Main Street program from 1989 up to and including the present; Pinnacle Rock State Park for the Division of Culture and History, 1990; State Main Street Annual Conference 1990-2009; National Association of FRP manufacturers, 1995; Elkins and Beverly Historic Landmarks Commission, 1997; and others. He has been a guest instructor at Shepherd State College and the West Virginia Graduate School and an instructor at the University of Charleston. He was also a guest lecturer at the Environmental Biology Department of City University of New York, Hunter.

Mike's experience with courthouse projects spans many years and types of projects. He provided assistance and commentary for the Courthouses of West Virginia video. The video project documented many of West Virginia's historic courthouses. A companion book is being developed which will include all 55 of West Virginia's county courthouses. It will also include chapters on rehabilitating and restoring courthouses. Mr. Gioulis is co-authoring this book. He was involved with the roof restoration, masonry facade restoration, and ADA toilet rehabilitation of the Kanawha County Courthouse, Charleston, WV; the design for ADA compliance for the Jackson County Courthouse, Ripley, WV; the master planning/historic resource analysis and rehabilitation recommendations for the McDowell County Courthouse, Welch, WV; and the window energy efficiency project for the Mercer County Courthouse, Princeton, WV.

WV State Office Building 3

Interior Paint Color Analysis
Charleston, West Virginia

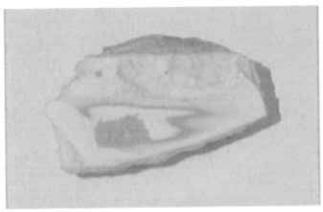
A visual crater analysis of paint colors was performed in the lobby and on the second floor of West Virginia State Office Building 3 on May 15, 2008 by Michael Gioulis.

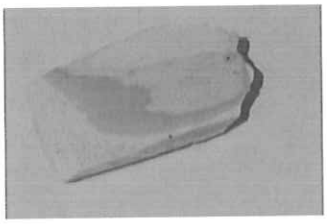
Research was conducted on the conservation of painted surfaces on architectural materials, including both plaster and metal, and samplings were taken from the walls of the lobby and second floor of the referenced building. The samples were then scraped and sanded to reveal accumulated paint layers, as well as the original paint used in these areas. Cross section analysis of the samplings confirmed the original paint colors used.

By photographing the build-up of paint layers from the plaster and metal surfaces, our firm created a precise record of what was found, comparing the original elements with later replacements and alterations.

As well as providing photographs and an in-depth report of what was found, our firm provided a map indicating where the samples were taken or the observations conducted.

In addition to Munsell standard notation, our firm provided approximate matches to Sherwin Williams standard color palettes for the samples.





Sidney Christie Federal Building

Huntington, West Virginia

Our firm has worked on several projects on this building, including the rehabilitation of the courtroom, exterior work, and a window and door replacement project. The courtroom project entailed the rehabilitation of the interior of the courtroom. The exterior work included site improvements and canopy restoration. The window and door replacement project included color selection, selection of manufacturers, glass selection, etc. Landscaping improvements included plantings, curbs and bollards.

Wheeling Federal Building

Wheeling, West Virginia

As part of a Section 106 Review, our firm was involved in a window restoration project and a rest room rehabilitation project for this building. We investigated the historic window and door configurations, as well as the existing conditions, and proposed treatments and provided recommendations for the repair, finishes and replacement of the doors and windows. The rest room rehabilitation project entailed the rehabilitation of the rest rooms for ADA compliance.

Mt. Hope Federal Building

Mt. Hope, West Virginia

Our firm conducted a Section 106 Review for the Mt. Hope Bundle Project, addressing increased energy and operational efficiency of the building through various upgrades. Several options were presented to increase the thermal performance of the existing windows, with recommendation that all windows be replaced to match the originals. All individual heat pumps and the cooling tower were also replaced.