



Expression of Interest:  
Architectural & Engineering Services  
Building 1 Roof Replacement - GSD 136423  
January 16, 2013



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405 Capitol Street, Upper Atrium - Charleston, West Virginia, 25301

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January 16, 2013

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

Re: RFQ# GSD136423

Dear 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 design of a roof replacement for the Main Capitol Building. We offer the General Services Division one of the most professional and experienced architectural firms in the state of West Virginia with an unparalleled reputation for quality design and project management 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.

Specifically, we provide extensive project experience involving large, complex roof replacements, including the entire Huttonsville Correctional Center complex, the United States Post Office in Charleston, Parkersburg Correctional Center (former Holiday Inn), and the James C. Wilson Student Union at West Virginia University, to name a few. In addition, many of our firm's renovation projects have included roof replacements and/or repairs. Further, we provide you with principal-led project management coupled with the very best in Construction Contract Administration services, led by Sean Simon, AIA, of our firm. Quality designs, effective and consistent communication, detailed and highly accurate construction documents, budget and schedule adherence, and an astute attention to detail are all axioms of our project approach and success.

We have assembled this Expression of Interest that highlights our firms' histories, services, relevant project experience, professional resumes, and even more importantly, how we plan to successfully deliver a first-class project for WV Division of General Services. We would love to talk more with you in a personal interview about this project and give you a greater sense of the hard work and honesty that you would get from our team.

We look forward to the opportunity to meet with you soon.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jody S. Driggs', written over a horizontal line.

Jody S. Driggs, AIA, NCARB  
Vice President

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

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**A. Concept**

Our firm has been involved in numerous roof replacement projects, whether it constitutes a portion of the scope of work in general building renovation or whether the roofing system replacement is the only aspect of a project's scope. We recognize that the condition of the building envelope is paramount in maintaining a facility's longevity and we work diligently to understand unique project circumstances and develop conceptual roof designs and technical specifications and details to equip every project with the most appropriate systems available in today's construction market.

Similar to every project we undertake, it is important for our design team to communicate with our clients to fully understand project goals, budgets, schedules, and the unique criteria – all coming together to inform design decisions. We would propose to work closely with the West Virginia General Services Division and the Capitol Complex maintenance staff to document these aspects of the project and foster consensus. We have had the opportunity to visit the project site with Mr. Bob Krause, architect and engineer, and feel we have the beginnings of a great foundation of understanding. We understand that the gravel ballasted EPDM systems, installed approximately twelve years ago, have created significant issues due to the nature of required roof access. With significant amounts of rooftop mounted mechanical equipment, lighting fixtures, and telecommunications components, in addition to the ongoing exterior construction and maintenance of the Capitol Building, the gravel ballasted nature of the roofs has been problematic. Constant access on these surfaces for routine maintenance and construction, as well as limited controlled access for “pumpkin drops” and the like, certainly create opportunities for the roof membranes to be damaged. Likewise, as gravel ballasted roofs are only typically adhered only around certain flashings, there are opportunities for UV shrinkage which create leakage potential at roof perimeters. There are signs that these are the primary failings of the gravel ballasted roof systems.

After a thorough documentation in drawing and photo format of the existing conditions, which we understand has already been undertaken, our team would work closely with the owner group to analyze all potential roofing solutions. This process is critical in determining the best fit solution for the project, balancing needs, budget, and schedule. We are pleased to understand that gravel ballasted systems are not being considered, and understand that a 90 mil fully-adhered EPDM membrane roofing system over ½” protection board may be the desired system choice. We believe this is a great base-line assumption from which to compare other alternatives with respect to performance and cost, and feel like this may very well be the best-value solution for this project's constraints.

Our team is built to include our mechanical and electrical engineering consultants of choice in order to adequately understand and address the interaction of the roofing systems with the existing and future MEP components located on the roof. These engineers will bring great perspective in helping determine the sequence of roof replacement and inform how we can make smart choices with roof replacement in anticipation of future mechanical/electrical removal or replacement. We also understand that there are significant amounts of conduit and wiring for electrical, communication, and media cabling which may or may not be of service to any agency. Clear inventory of these elements and potential ways to “clean up” this work can and should be coordinated into the overall roofing scope.

We understand that the historic significance of these facilities is unrivalled in our State, and we are humbled by the opportunity to assist in their maintenance. We have observed the ways in which the facility has evolved over time, including the addition of pedestrian walks across lower roof sections to access East and West Wings as well as the replacement of integral gutter flashings with various materials. It will be our goal in working with the WVGSD to honor the original design intent and ensure that new or replacement components are in keeping with the quality and the aesthetic of the Capitol Complex. Having worked extensively with some of the same personnel on the recently completed Capitol Lighting Study, as well as on interior renovations of the Supreme Court spaces of the East Wing 3rd and 4th floors, our firm feels qualified to lead this design charge and collaborate effectively with WVGSD, the State Historic Preservation Office, and the Capitol Building Commission to identify the most appropriate preservation of the Capitol.



## Proposal Response Capitol Building Roof Replacement

We are confident that our staff, working collaboratively with such a sophisticated and informed owner, can quickly come to a conclusion on the most appropriate systems on which to focus the construction document phase. Our ability to advance this dialogue effectively will equip us to have construction documents completed very quickly with the opportunity to begin roof replacement in the late Spring to early Summer 2013.

Our proven methodology for communication, research, innovation, thorough documentation, and detailing are coupled with our highly qualified construction administration staff to see projects from inception to completion. We have successfully handled many of these same design challenges at recent roof replacements at West Virginia State University's Student Union, Fleming Hall, and Wallace Hall, Concord University's Student Union, Marsh Hall, Science Hall, and Alexander Fine Arts, Mineral County Detention Center, Parkersburg Correctional Center, Huttonsville Correctional Center, Tucker County Courthouse, and Putnam County Courthouse, to name a few. In each instance, roof accessibility, rooftop mounted equipment, roof slope and drainage, flashing complexities, and historic or architectural character are balanced with technical performance and budget to yield highly successful roofing improvements.

**5 Firm/Team Qualifications**

**B.1 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

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**B.2 Key Personnel from the Design Team (Resumes Enclosed)**

Jody Driggs, AIA, NCARB  
Principal, Silling Associates  
Years Experience: 16

Tom Potts, AIA  
Principal, Silling Associates  
Years Experience: 22

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

Jeremy Jones, AIA  
Project Architect, Silling Associates  
Years Experience: 9

Jim Eckman, PE, LEED AP  
Principal Electrical Engineer, Scheeser Buckley Mayfield (SBM)  
Years Experience: 28

Mike Wesner, PE, LEED AP  
Principal Mechanical Engineer, SBM  
Years Experience: 31

Bob Baumann, PE  
Principal Structural Engineer, SMBH  
Years Experience: 32

**B.3 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.

#### **B.4 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.



**B.5 Statement 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.

**B.6 Litigation or Arbitration Proceedings**

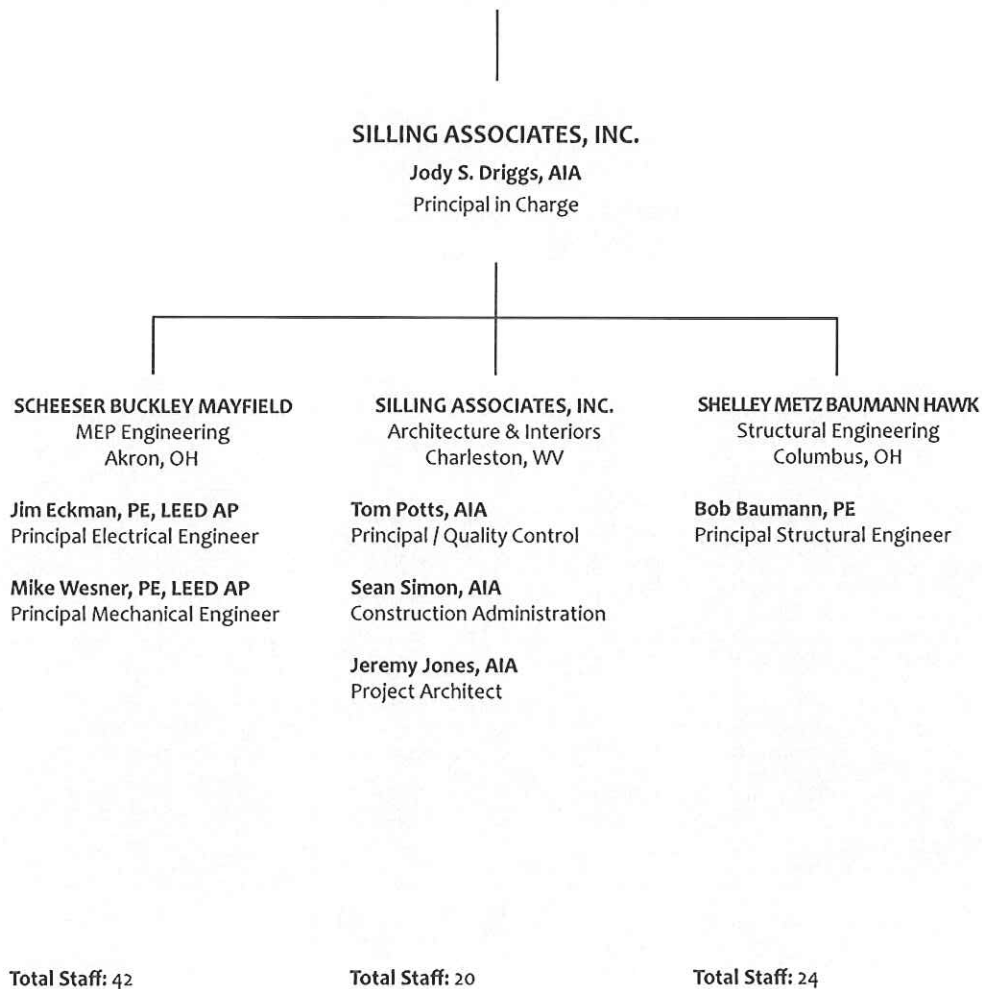
Silling Associates maintains a record of superior performance and service to the State of West Virginia. We are currently not, nor have we ever, been involved in litigation or arbitration related to our professional practice.



**C.1 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**





**C.2 Statement of Ability**

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 project

**D.1 / D.2 Demonstrated Project Experience**

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.





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:  
19

Licensed Architects:  
7

Graduate Architects:  
2

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.





**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

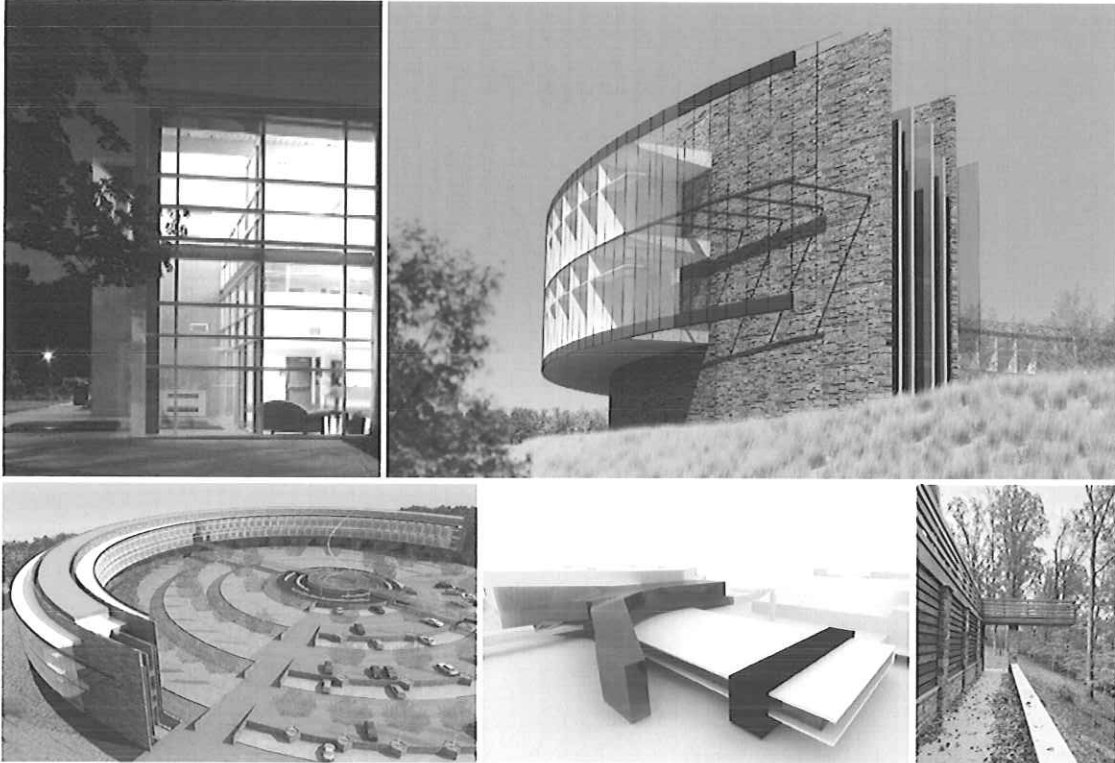
2010 Merit Award for Achievement in Architecture - Bible Center Church

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.

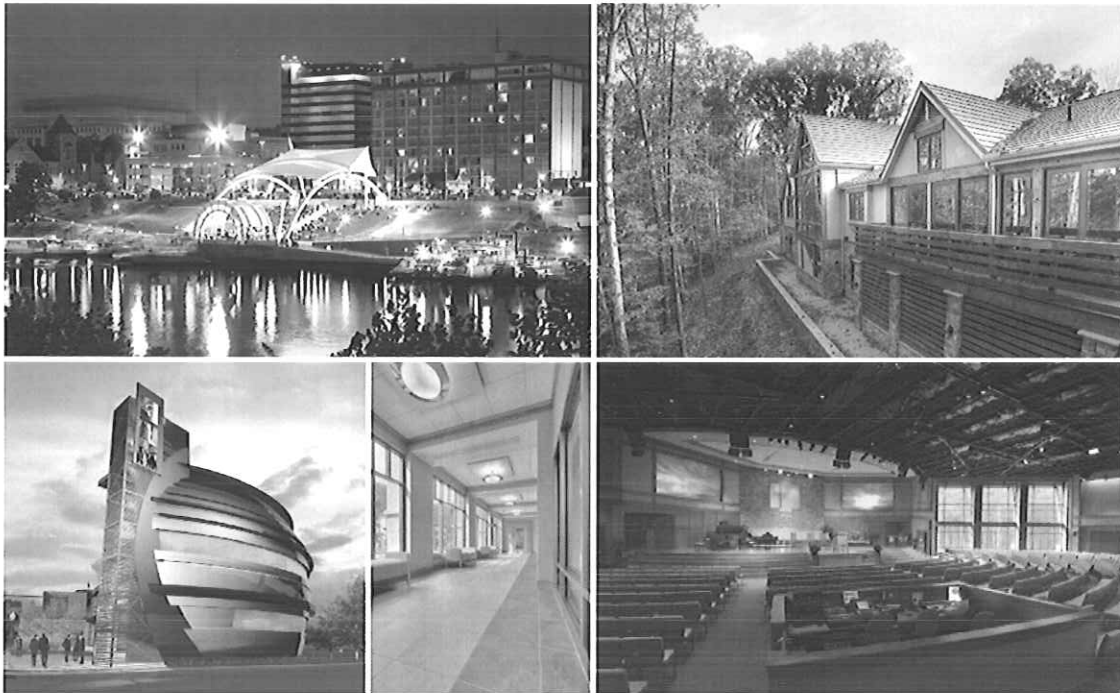
Our staff is comprised of six licensed architects with a combined 100 years of professional experience in design and project management. Each of these individuals bring unique qualifications, certifications, licensures, and professional service credentials, as well as a powerful resume of collegiate 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.



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

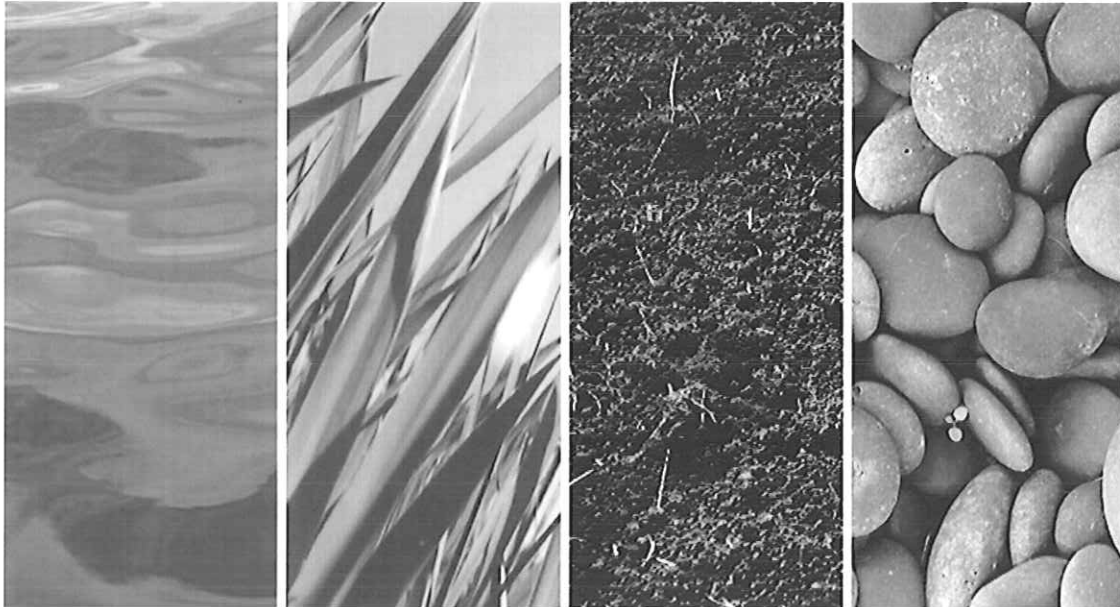
In addition, Silling routinely utilizes the services of some of the region's most qualified and talented engineering consultants, offering a proven history of project collaboration, seamless design integration, and excellent service to our clients.



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



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



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

Building 4  
State Capitol Complex  
Charleston, WV





**Thomas M. Potts, AIA**  
Principal

Tom is president of Silling Associates. A seventeen-year member of the firm, Tom has been a driving force in securing and implementing new work. He oversees projects from inception to completion, working closely with clients and contractors to insure the success of projects under his direction. He takes a “hands-on” approach to each and every project, working closely with clients to define and detail requirements for their facilities.

Tom’s body of work includes architecture for local, state, and federal government entities, educational institutions, healthcare providers, corporate and professional organizations, and residential clients. He has considerable experience in the design of justice facilities, including courthouses, judicial centers, and correctional institutions. With over 1 million square feet of justice-related designs under his belt, Tom has led the firm’s efforts in making Silling a regional leader in the field of justice architecture.

**Professional Experience**  
22 years

**Education**  
-Bachelor of Architecture with High Honors  
University of Tennessee, 1990

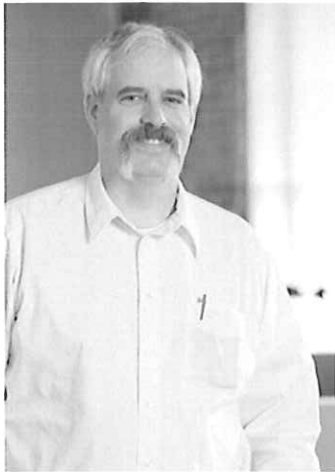
**Licenses & Certifications**  
-WV, VA

**Professional Affiliations**  
-Past President, American Institute of Architects (AIA), WV Chapter, 2006-2007  
-Past Vice President, AIA, WV Chapter, 2004-2005  
-AIAWV Executive Committee Member  
-Academy for Justice Architecture, American Institute of Architects

**Awards & Recognition**  
-2004 AIAWV Honor Award, Star USA Federal Credit Union

**Select Experience**

- |  |  |
|--|--|
| Morgan County Courthouse<br>Berkeley Springs, WV     | Parkersburg Work Release Center<br>Parkersburg, WV                             |
| Raleigh County Judicial Center<br>Beckley, WV        | Martinsburg Correctional Center<br>Martinsburg, WV                             |
| Hampshire County Judicial Center<br>Romney, WV       | Visual Arts Center<br>Marshall University                                      |
| Greenbrier County Courthouse<br>Lewisburg, WV        | Student Recreation Center Study<br>Marshall University                         |
| Lewis County Judicial Center<br>Weston, WV           | Athletic, Convocation, & Academic Center<br>West Virginia State University     |
| Allegheny County District Court<br>Cumberland, MD    | WV School of Osteopathic Medicine<br>Lewisburg, WV                             |
| Medina County Courthouse<br>Expansion<br>Medina, OH  | Cabell County Courthouse, Circuit Courtroom Renovation Study<br>Huntington, WV |
| Franklin County Courthouse<br>Chambersburg, PA       | Huntington VA Federal Credit Union<br>Huntington, WV                           |
| Mount Olive Correctional Complex<br>Mount Olive, WV  | Mineral County 911 Center<br>Keyser, WV  |
| Huttonsville Correctional Center<br>Huttonsville, WV | Star USA Federal Credit Union<br>St. Albans, WV                                |
| Stevens Correctional Facility<br>Welch, WV           |  |
| St. Marys Correctional Center<br>St. Marys, WV       |  |



**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<br>Renovation, Marshall University                 | Huttonsville Correctional Work Camp<br>Huttonsville, WV                             |
| Athletic, Convocation, & Academic Center<br>West Virginia State University            | Anthony Correctional Center<br>White Sulphur Springs, WV                            |
| Multiple Boiler & Chiller Replacements<br>West Virginia State University              | Kanawha Valley Heart Specialists<br>South Charleston, WV                            |
| Marsh Hall, Fine Arts Building, & Library<br>Renovations, Concord University          | Kanawha Valley Heart Specialists<br>South Charleston, WV                            |
| Chesapeake Energy Regional Field<br>Operations Facilities, PA & WV                    | Huntington Pediatric Dentistry<br>Huntington, WV                                    |
| Morgan County Courthouse<br>Berkeley Springs, WV                                      | West Virginia Lottery Headquarters<br>City Center West Renovation<br>Charleston, WV |
| Hampshire County Judicial Center &<br>Courthouse Facilities Renovations<br>Romney, WV | Parkersburg Work Release Center<br>Parkersburg, WV                                  |
| Raleigh County Judicial Center<br>Beckley, WV   | Putnam County Animal Shelter<br>Winfield, WV  |
| Mardi Gras Casino Resort Hotel<br>Cross Lanes, WV                                     |   |
| Putnam County Courthouse Renovations<br>Winfield, WV                                  |   |
| Sullivan Hall Elevator Replacement<br>West Virginia State University                  |   |



**Jeremy Jones, AIA**

Project Architect

Jeremy is a graduate architect with nine years' experience in the architectural industry, including all phases of project design, development, production, presentation, and coordination of contract documents. He has completed all IDP training requirements and has passed the exam for licensure through the National Council of Architectural Registration Boards. Jeremy's educational experience included a study abroad of European Architecture at the Polytechnic Institute of Krakow, Poland, spring semester of 2002. Travel included Austria, Germany, the Netherlands, Italy, England, France, the Czech Republic, and Spain.

**Select Experience**

Allegany County District Court  
Cumberland, MD

Lewis County Judicial Center  
Weston, WV

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

WVDOC Work Release Centers  
Multiple Locations, WV

Chesapeake Energy Eastern Regional  
Headquarters, Charleston, WV  
Chesapeake Energy Building One  
Oklahoma City, OK

St. Johns United Methodist Church  
Spencer, WV

Jefferson County Courthouse  
Charles Town, WV

St. Matthews Episcopal Church  
Charleston, WV

Kanawha Valley Heart Specialists  
South Charleston, WV

Dr. Holmes Orthodontist  
Charleston, WV

Morgan County Courthouse  
Berkeley Springs, WV

Beverly Hills Baptist Church  
Huntington, WV

Raleigh County Judicial Center  
Beckley, WV

Governor's Mansion Restoration  
WV State Capitol Complex

WV Lottery Headquarters  
Charleston, WV

New Health & Technical Center  
Southern WV Community College

Cabell County Circuit Courtroom  
Huntington, WV

**Professional Experience**  
9 years

**Education**  
-Bachelor of Architecture, Cum Laude  
The University of Tennessee 2003

**Professional Affiliations**  
-American Institute of Architects  
WV Chapter  
-Historic Resources Committee

**Awards & Recognition**  
-Fourth Year Design of Excellence  
Award, top design fourth year level  
-2002 West Virginia AIA Scholarship,  
state's top architectural student  
award  
-2001 & 2002 Mark Freeman  
Scholarships, architecture program's  
top monetary award  
-2001 U.T. Foreign Travel Scholarship  
-2000 Tennessee Foundation  
Scholarship, Middle Tennessee AIA  
award  
-Tau Sigma Delta Architecture Honor  
Society  
-Golden Key International Honor  
Society  
-National Collegiate Scholar  
-Phi Eta Sigma Honor Society,  
freshman honorary  
-Phi Kappa Phi Honor Society,  
senior honorary



Project Size: 88,000 gsf

Project Type: Government Office Space

Project Status: Spatial & Building System  
Analysis and Phase One Design underway

Contacts: Mr. Bob Krause, RA, PE, General  
Services Division, 304.558.9018

The project includes a comprehensive analysis of building space and systems relative to all Code requirements, building performance, and functionality. The project will be developed through a series of phases responsive to critical needs and budgetary constraints. Initial scope items include infrastructure upgrades of egress components, mechanical, electrical, plumbing, and fire protection systems, elevator modernization, and accessibility and interior improvements to lobbies, toilets, and circulation components. Immediate renovations of interior office space are targeted for one or more floors of the facility, with future projects renovating remaining floors.



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.

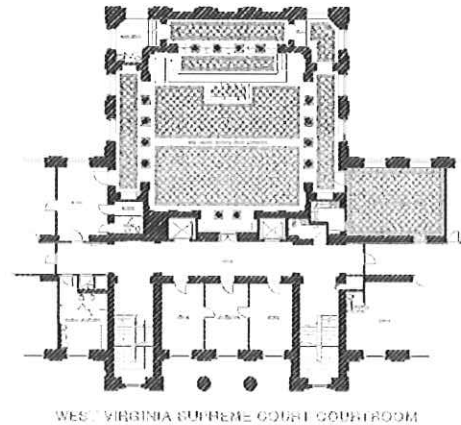
**Chamber Hallway** - The existing Hallway connects each of the Justices suites with the Conference Room and public Courtroom Lobby. A drop ceiling was installed in the Hallway to conceal HVAC equipment feeding the Justices suites. This created a low ceiling and awkward aesthetics at the stone casing 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.



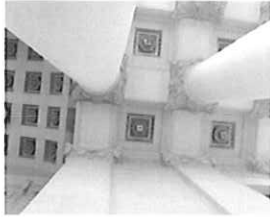
**Clerk's Office Renovation** - Room E-317 consists of 6,500 square foot of existing office space that had several room alterations and the addition of various modular office systems and styles over past decades. The overall space was characterized as having outmoded filing systems, poor aesthetics and 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.

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.



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 a 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 provides maximum energy efficiency.







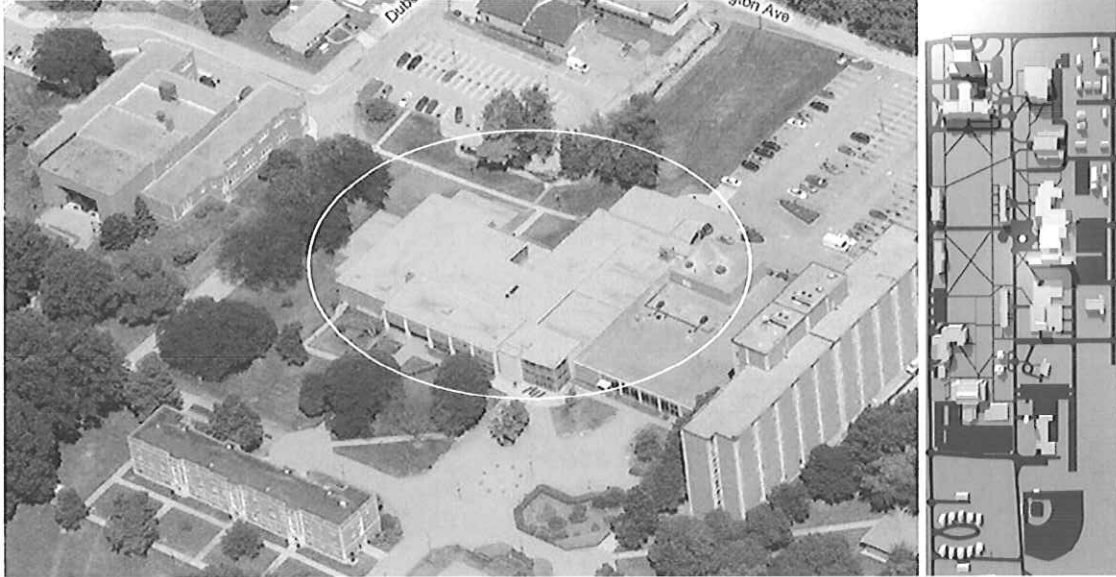
Project Type: Renovations

Project Status: 2011/2012 Construction

Contact: Phil Judd, Director of Facilities,  
West Virginia State University,  
304.766.3000

This three-phased improvement project to the 8-story Wallace Hall at West Virginia State University involves the follow scope of work: roof replacement & installation of metal panels over the existing masonry mechanical equipment screen (Phase I), replacement of the existing boiler system (Phase II), and the replacement of the existing curtainwall system located along the building's west elevation (Phase III) in response to ongoing water infiltration problems and the need to improve the building's energy efficiency.

Silling was responsible for overall project design and management, including coordination of the mechanical and electrical design needs; related architectural design requirements; Code and OSHA compliance; project scheduling; development of bid packages and specifications; preconstruction meeting leadership; and construction contract administration.



Project Type: Roof Replacement

Project Status: Completed in 2008

Contact: Phil Judd, Director of Facilities,  
West Virginia State University,  
304.766.3000

As part of the 2005 Student Union Addition and Renovation project, Silling Associates provided complete architectural and engineering services for the complete roof replacement of the James C. Wilson Union.



Project Type: Interior & Exterior Renovations

Project Status: Awaiting Funding

Contact: Rick Dillon, V.P. of Administration & Associate Dean of Students, 304.384.5231, rdillon@concord.edu

Silling Associates was commissioned by Concord University to renovate the Jerry L. Beasley Student Center on the Athens, West Virginia campus. Silling conducted sessions with both faculty and students to gather information from these groups recording the scope of the project. After review with Concord's administrative team the project scope includes a badly needed new roof, air conditioning for the entire building, a new boiler and an electrical upgrade. Architectural upgrades include rest room renovations, new windows, a new ballroom floor, and renovations to the guest rooms. The project also includes renovations to the front entrance where the new elevator will be located. The project is budgeted at \$8.6 million and is awaiting approval to move forward.



Project Type: Exterior Renovations

Project Status: Completion in 2012

Contact: L. Gerry Vonville, Director of  
Physical Plant, Concord University,  
304.384.5266, lgvonville@concord.edu

Concord University commissioned Silling Associates to complete exterior renovations to the administration building, Marsh Hall. Work in the first bid package included a new EPDM Roof and replacement of deteriorated stone copings. Repairs were also completed for the iconic bell carillon along with selected masonry work. All eight columns on the bell carillon were replaced and the new columns were covered with an exterior insulation finish system (EIFS). Masonry work included selected repointing and reattachment of limestone trim around the front windows.

Work in the next bid package included demolition of the front entrance porches and steps on both Marsh Hall and Science Hall. After demolition the entrances will receive new porches, steps, and handrails. The porches and steps will be relaid with a base field of Indiana limestone with bluestone and brick accents. New aluminum handrails will be installed which recall details from the bell carillon.



Project Type: Roof Replacement

Project Status: Construction 2011

Contact: Mike Bland (County  
Administrator) Mineral County  
Commission,  
304.788.5921

Silling Associates provided completed architectural services for the replacement of the former Mineral County Detention Center roof located in downtown Keyser, West Virginia. The design services included field measurement of the existing roof conditions, identification of roof penetrations that could be removed, addition of positive drainage by use of tapered insulation, adaptation of existing gravel stop, handrail placement around rooftop equipment, and construction administration. The cost of construction for the project was \$240,000.



Project Size: N/A

Project Type: Roof Replacement

Project Cost: \$8 million (total)

Contact: Philip Farley, Construction  
Manager, WV Division of Corrections,  
304.558.2036

As part of the \$8 million Parkersburg Work Release Center project converting a former Holiday Inn to a 120-bed work release center, Silling designed a complete replacement of the existing roof system. The existing hotel is a two-story building with 142 regular size hotel rooms and seven larger suites. The hotel rooms are “wet” rooms with toilet, sink and a tub/shower combination. The facility is located on an approximate 23-acre site that includes access road, parking and a small metal building. The design of the work release center will be the 1st phase in a long-term approach to facility use which may be converted to a medium security correctional facility. The design scope includes Medium Security Facility Master Planning so that provisions for future infrastructure can be made in the immediate scope of construction.



Project Type: Roof & Exterior Stair Replacement

Project Status: Completed

Contacts: Contact: Tucker County Commission,  
p 304.478.2414

Silling Associates completed two courthouse improvement projects for the Tucker County Commission from 2005 to 2007: a roof replacement of the circa 1898 Courthouse and a replacement of the front and rear exterior concrete steps.





Project Type: Exterior Restoration

Project Status: Construction Phase

Contacts: Brian Donat, County  
Administrator, p 304.586.0201

This project involves exterior renovations to the historic Putnam County Courthouse located in Winfield, West Virginia. The scope of work includes re-pointing selected brick and stone masonry, masonry cleaning, repairs and repainting of the built-in sheet metal gutters and ornamentation. The project was completed with funding from the West Virginia Courthouse Facilities Improvement Authority. The construction cost is approximately \$40,000.





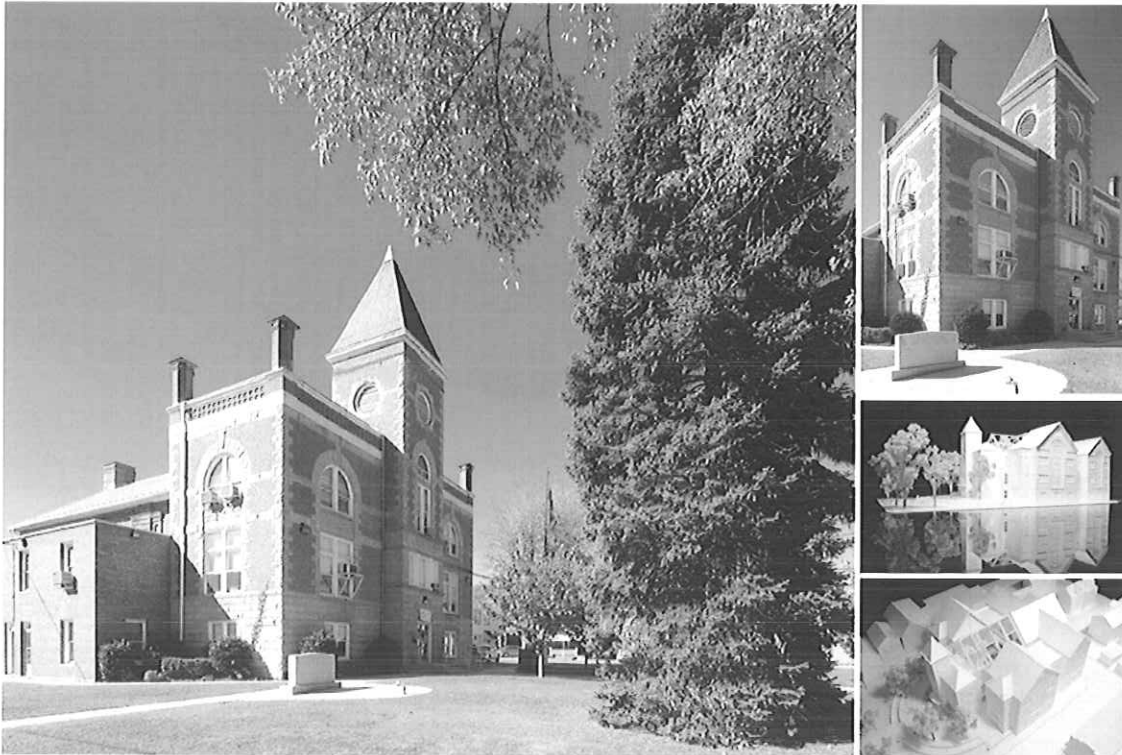
Project Type: Exterior Restoration

Project Status: Completed

Project Cost: \$220,000

Contacts: Greenbrier County Commission,  
304.647.6689

Silling Associates provided architectural design services for this historic restoration project in downtown Lewisburg, WV. The circa 1800s courthouse exterior had experienced significant wear and deterioration over the years and required a comprehensive approach to re-pointing and restoring the original brick exterior (which had been painted over); repairing and restoring the cupola; repairing and repainting the wood window sills/trim; and new galvanized metal downspouts.



Project Size: N/A

Project Type: Courthouse Assessment

Project Status: Ongoing

Contacts: Cindy Pyles (Commissioner),  
Mike Bland (County Administrator)  
Mineral County Commission,  
304.788.5921

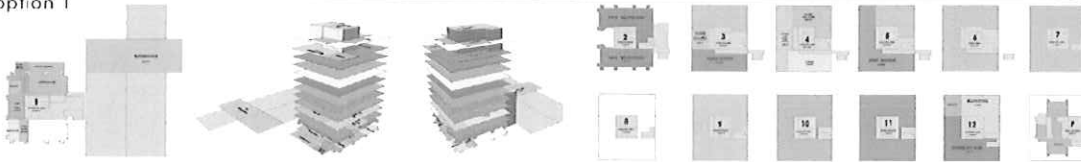
This *Master Plan for the Mineral County Courthouse* includes a full evaluation of the existing conditions of the courthouse and outlines a plan for the future renovation and expansion of the courthouse. The plan underscores the needs of the historic courthouse brought about by age, neglect and previous lack of funding, as well as functionality.

The existing three-story courthouse, though quite attractive and civic on the exterior has experienced increasing issues relations to water infiltration with the roof, deteriorated cornice and exterior trim components, and failures with the existing built-in gutters.

Our design solution provides new gutters serving the main tower, wall-mounted gutters at the lower roof sections, and replacement of the existing (vinyl) exterior trim with materials that are historically appropriate.



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.



Project Type: Comprehensive Facility Assessment

Project Status: Completion June 2013

Contacts: Melissa Garretson Smith,  
Executive Director WV Courthouse Facilities  
Improvement Authority, 1.304.558.5435

Silling Associates was selected by The West Virginia Courthouse Improvement Authority (WVCFIA) to conduct a Comprehensive Facility Assessment for each of the state's fifty-five county courthouses. The intent of the Assessment will be to assist the WVCFIA and the state's counties in evaluating the present condition of each courthouse, help identify and prioritize immediate and long-term courthouse facility needs, and to establish the potential costs associated with upgrades.

The assessment will include a detailed report that includes a comprehensive evaluation of the building's architectural, structural, HVAC, plumbing, fire protection, electrical lighting, electrical power, fire alarm, and communications systems. Code compliance with the State Fire Marshal's Office and Americans with Disabilities Act, as well as with the United States Secretary of the Interior's Standards for Historic Preservation and West Virginia State Historic Preservation Office, are addressed throughout.

The assessments, which include in excess of 2 million square feet of courthouse space, required effective communication, involvement, and collaboration on the part of our team of architects, engineers, and historic preservation consultants, as well as with county commissioners, elected officials, administrators and managers, and courthouse maintenance staff. Completion of the Statewide Assessment is scheduled for June 2013.



**D.3 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. Phil Judd**

Director of Physical Facilities  
West Virginia State University  
P 304.766.3333

*Project Referenced: WVSU Fleming Hall Additions and Renovations*

**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**

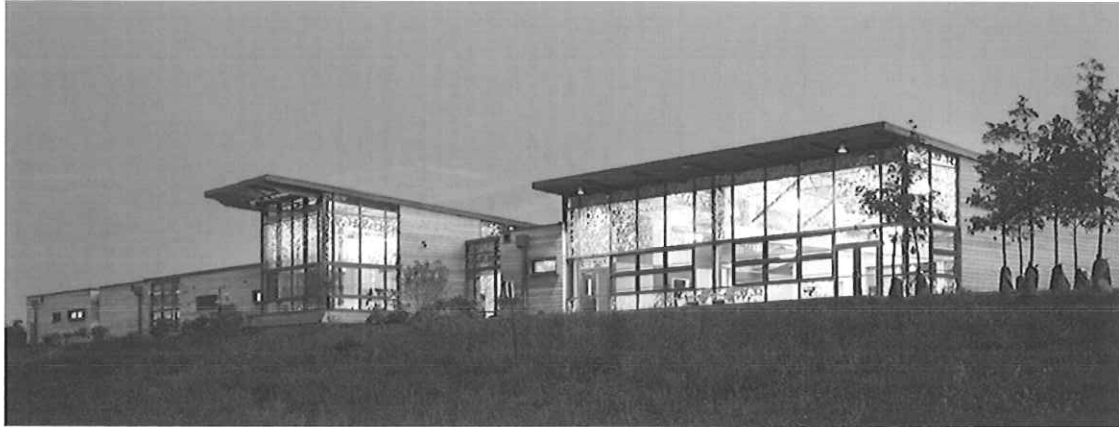
General Manager, Charleston Civic Center  
200 Civic Center Drive  
Charleston, WV 25301  
P 304.345.1500

*Project Referenced: Charleston Civic Center Additions & Renovations*



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
- 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 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, Nevada, 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

### Building B - Roof Replacement - Kinnear Road Complex - The Ohio State University

The project includes removal and replacement of the existing roofing. New lightweight concrete fill will be applied to provide positive drainage and new panels will be applied to the perimeter walls to create a parapet and cover existing windows. We surveyed, documented and analyzed the existing roof framing to determine if the additional load could be safely supported.

Columbus, Ohio  
Construction Cost: \$250,000  
Completion Date: 2009

### Building D - 1121 Kinnear Road Roof Renovation - The Ohio State University

An existing pre-engineered metal building received a new roof system placed on top of the existing roof. We surveyed, documented and analyzed the existing roof framing to determine if the additional load could be safely supported.

Columbus, Ohio  
Construction Cost: \$250,000  
Completion Date: 2009

### Howlett Hall Roof Replacement - The Ohio State University

This roof renovation project involves concrete repair and an investigation for a potential future garden on a lower level roof directly accessible from the first floor. The original structure consists primarily of concrete frame. The existing structure for the roof with the proposed garden consists of a concrete slab on steel framing. SMBH prepared structural analysis calculations for the existing framing and found that the roof can safely support the weight of the proposed garden. There are some locations where the existing concrete exhibits are cracking and spalling and we prepared specifications and details for concrete restoration.

Columbus, Ohio  
Construction Cost: \$620,000  
Completion Date: 2012

### Johnson Building - Roof Replacement - Coshocton County Memorial Hospital

This project involved the evaluation of an existing roof structure. After it was determined that the roof structure was deficient, a new roof structure was designed.

Coshocton, Ohio  
Construction Cost: \$150,000  
Completion Date: 2006

### Lane Avenue Residence Hall - Roof Replacement - The Ohio State University

The Lane Avenue Residence Hall is an 11-story residence tower with a total roof area of approximately 24,000 square feet. Replacement of corroded metal roof deck, re-working of mechanical equipment supports and anchorage of new equipment was included as part of the re-roofing project.

Columbus, Ohio  
Construction Cost: \$1,300,000  
Completion Date: 2011



**Roof Replacement - Appalachian Behavioral Healthcare - Ohio Department of Mental Health**  
This project involved removal and replacement of approximately 20,000 square feet of roofing.

Athens, Ohio  
Construction Cost: \$420,000  
Completion Date: 2010

**Roof Replacement - Plumb Hall - The Ohio State University**  
Among other things, this project involved the addition of over-framing on the existing roof in order to modify the roof slope for better drainage.

Columbus, Ohio  
Construction Cost: \$200,000  
Completion Date: 2012

**Roof Replacement - Raney Commons - The Ohio State University**  
The project involved replacement of an existing roof on a steel frame with installation of a fall protection system. We investigated the existing roof structure to determine if it would support the weight of new roofing on top of the existing roofing. We also designed anchorages for the fall protection system.

Columbus, Ohio  
Construction Cost: \$500,000  
Completion Date: 2009

**McClenaghan Center Roof Renovation - Hocking College**  
A new hip roof was built atop an existing flat precast concrete deck in order to freshen the exterior of an existing three-story hotel. The new roof structure was constructed with light gage metal trusses.

Nelsonville, Ohio  
Construction Cost: \$500,000  
Completion Date: 2008

**Roof Renovation - Crawford Compressor Station**  
Oklahoma  
Construction Cost: \$750,000  
Completion Date: 2012



**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).

CERTIFICATION AND SIGNATURE PAGE

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

SILLING ASSOCIATES, INC.

(Company)

Jody S. Driggs

(Authorized Signature)

JODY S. DRIGGS, V.P.

(Representative Name, Title)

304.346.0565

(Phone Number)

304.346.1522

(Fax Number)

1.16.2013

(Date)

RFQ No. GSD136423

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**MANDATE:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

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

**DEFINITIONS:**

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

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

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

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

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: SILLING ASSOCIATES, INC.

Authorized Signature: [Signature] Date: 1.16.2013

State of West Virginia

County of Kanawha, to-wit:

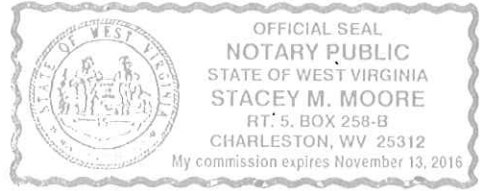
Taken, subscribed, and sworn to before me this 16 day of January, 2013.

My Commission expires November 13, 2016.

**AFFIX SEAL HERE**

**NOTARY PUBLIC**

[Signature: Stacey M. Moore]



*Purchasing Affidavit (Revised 07/01/2012)*

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: GSD136423**

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

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

**Addendum Numbers Received:**

(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3            | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

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

SILLING ASSOCIATES, INC.

Company

[Signature]

Authorized Signature

1.16.2013

Date

**NOTE:** This addendum acknowledgment should be submitted with the bid to expedite document processing.  
 Revised 6/8/2012