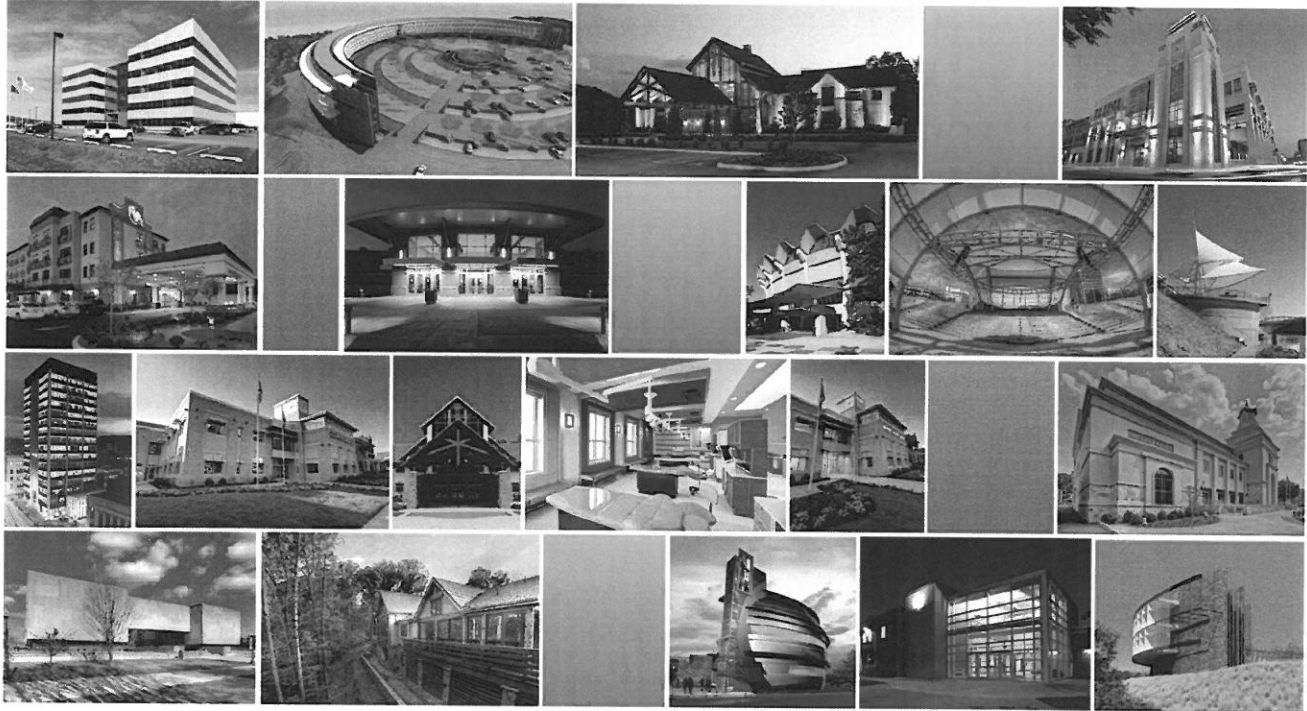


SILLING ASSOCIATES, INC.  
405 Capitol Street, Upper Atrium  
Charleston, West Virginia 25301  
p 1.304.346.0565

 **SILLING**  
ARCHITECTS + PLANNERS



07/23/14 10:10:23AM  
West Virginia Purchasing Division

[www.silling.com](http://www.silling.com)  
[www.facebook.com/SillingAssociates](https://www.facebook.com/SillingAssociates)

Expression of Interest:  
GSD146440  
Design Services for Various Maintenance Projects  
WV General Services Division  
July 24, 2014



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

p 1.304.346.0565 f 1.304.346.1522 www.silling.com

July 24, 2014

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

Re: **RFQ# GSD146440**  
**Various Maintenance Projects**

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 small-scale construction projects for various DOA properties. 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.

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. 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 various small-scale design and construction projects for the General Services Division, various State Agencies, county government, and others. 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 'Thomas M. Potts', written over a circular scribble.

Thomas M. Potts, AIA  
President

RFQ No. GSD146440

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:**

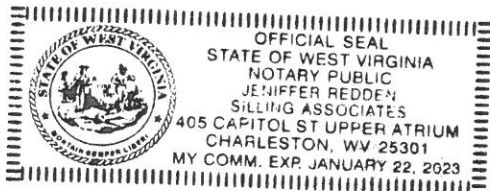
Vendor's Name: THOMAS M. POTTS  
Authorized Signature: [Signature] Date: 7.15.2014

State of West Virginia  
County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 15 day of July, 2014.  
My Commission expires January 22<sup>nd</sup>, 2023.

**AFFIX SEAL HERE**

**NOTARY PUBLIC** [Signature]  
Purchasing Affidavit (Revised 07/01/2012)



**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)

Thomas M. Potts

(Authorized Signature)

THOMAS M. POTTS, AIA

(Representative Name, Title)

304.346.0565      304.346.1522

(Phone Number)

(Fax Number)

7.24.14

(Date)



**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: GSD146440**

**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 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 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

Glenn M. Deane

Authorized Signature

July 15, 2014

Date

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

## A. Concept

Our firm has been involved in numerous roof replacement, HVAC, and elevator modernization projects, whether it constitutes a portion of the scope of work in a general building renovation or whether the system replacement is the only aspect of a project's scope. We recognize that the condition of the building envelope and HVAC systems are paramount in maintaining a facility's longevity, functionality, and performance—and we work diligently to understand unique project circumstances and develop conceptual 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 to document these aspects of the project and foster consensus.

### **Roof Replacement - Approach**

After a thorough documentation in drawing and photo format of the existing conditions, our team would work closely with the GSD to analyze appropriate and potential roofing solutions. This process is critical in determining the best fit solution for the project, balancing needs, budget, and schedule.



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 may be 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 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 within the project's schedule requirements.

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, OSHA compliant ladders & hatches, and historic or architectural character are balanced with technical performance and budget to yield highly successful roofing improvements.

### **HVAC Upgrades & Renovations - Approach**

The anticipated concept and proposed method of addressing the various HVAC projects issues is as follows:

- Perform an initial site visit and determine the extent and condition of the existing system.
- Request a meeting with any maintenance staff that may have additional information on the existing system and associated issues.
- Review any existing building drawings and documentation.
- Provide an initial assessment of the existing system issues with a recommended solution or solutions.
- Address any current code issues.
- Provide a construction budget for the recommended solution or solutions.
- Design of the agreed upon system that meets project budget.
- Verify associated construction budget throughout design phase.

- Bid phase services will include attendance at the pre bid meeting and addressing any contractor questions.
- Construction Administration will include several site observation visits as well as shop drawing review.

#### **Additional Work Scope Items**

Silling has routinely developed design solutions for a multitude of various maintenance projects via large- and small-scale building renovation projects and provides the General Services Division with the diversity of expertise and experience necessary to effectively solve the issues required under this contract.

#### **Construction Documents - Quality Assurance / Quality Control Plan**

Ours is a proven method, evidenced by repeat client commissions, budget and schedule conforming design documentation, and a history devoid of claims. We understand that QA/QC is a task for the most experienced personnel and requires the devotion of time. This means that it is an expensive commitment, and one that we will not shirk. We recognize that Quality Assurance and Control is perhaps the most critical component of our task as the Architect of Record. We are proven and diligent communicators, document processes thoroughly, and are supremely confident that we will be effective administrators for the team.

Quality Assurance and Control is a regimented process at Silling Associates and our long and successful history, and more importantly, our extensive list of repeat clients speak to our success as a firm rooted in this task. We dedicate a firm principal to projects of this magnitude, separate from the Project Manager, to endeavor to control quality in both the design and document production phase – not only for our architectural product but for the coordinated work of our engineering consultants as well. Fundamentally, this requires time spent by the most experienced architects in the firm, not focused on the minutia of daily project management, to provide critical peer review and analytical critique of the work product. However, while most design firms would see this as an internal process directed only at the various design disciplines and documents, we believe we have been most successful when this concept is extended to include quality assurance and control aimed at our client's goals and expectations.

#### **Construction Document Phase**

Contract Documentation through complete and unambiguous drawings and specifications is a calling card of Silling Associates, and we are regarded in the construction industry as producing the most clear and constructible design documents in our region. We see this as a non-negotiable given, and while we believe our staff is equally immersed in producing meaningful and elegant architectural solutions, we know that our clients expect and require that their projects work, be delivered on time, and within the stated budgetary parameters. At Silling, thorough construction drawings and specifications are about getting it right.

We will utilize the latest technology platforms in the development of digital design files and carry this technology through the construction document phase, capitalizing on the efficiencies of this delivery tool. We have a time-tested and proprietary living library of details that evolve with the changing innovations of the construction industry and a constantly learning team of architects and engineers. We incorporate the most recognized and reliable format for written project specifications and build our manuals around contract documents developed by the American Institute of Architects and in alignment with the West Virginia State Supplemental Conditions amendments. As the vast majority of our work is publicly funded and competitively bid, we have an unrivalled familiarity with document and specification formats that are industry tested, coordinated, binding, and protective of our clients best interests.

#### **Construction Administration**

The Construction Administration Process is a phase of design services that Silling and our teammates understand and manage with the highest level of professionalism and effectiveness. Most importantly, we will be a cooperative presence on the site representing the owner and design team. While we will need to communicate with you more to understand the nature of staffing most appropriate for our project, we understand that our role will be to protect the owner and ensure that the design intent, both in concept and in detail, is realized. Again, we bring a spirit of cooperation and teaming to do all that we can to avoid construction conflicts and keep the project moving toward a successful implementation of the design concept while being supremely flexible as obstacles present themselves. On a project like this, there can often be daily fires to be extinguished, yet the budget and schedule will be strict. Through constant and aggressive communication with construction entities, the General

Services Division, and design team members, we will be a firm but fair voice with the ultimate responsibility and goal of making the project work greatly.

**Sean Simon, AIA** joined Silling in 2008 as a Construction Period Service Manager, and works closely with the firm's design and 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. Sean will be working directly with the design team leadership throughout the entirety of architectural services for a seamlessness and continuity of representation. Likewise, all key principals and design managers from Scheeser Buckley Mayfield, Moment Engineers, and Terradon will be fully engaged in the construction period services, being managed by Sean and our firm's principals.



### 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.

### Ability to Work as a Team Member

Throughout our submission, the notion of humility continues to be common concept. This is certainly an element of our corporate culture that make for effective team building – the willingness to understand the required roles of the team and step into the role that we are most qualified to play. However, we believe our greatest quality in this regard is a true and deep desire to serve – both our clients and our teammates – fueled by an insatiable drive for project success in every aspect of evaluation.



We recognize that these projects can only be successfully developed if every member of the team is successful in their efforts. The internal staff at Silling Associates will attack each of our own tasks with passion and purpose, and we are confident that we will prove to be an invaluable asset to the General Services Division. Yet it is our willingness and cooperative spirit to aid and assist each of the project teammates, including the GSD, our consulting engineers, and the construction entities, to help in every detail to ensure that they are equipped to succeed.

Clarity of roles and responsibilities, clear communication, and team consensus building are foundational for effective teaming, and certainly every player bears the final accountability for their part. But it has been our mindset that, **“it has to be right”** and that we are all working cooperatively toward a shared goal. With a pinpoint focus on what load lies on our shoulders, we have been a firm that tends not to draw a hard and fast line around what we won't do for the project. Rather, we travel to special consultants' offices beyond what may have been expected - at our own cost – if we see that it can benefit our ability to more intimately understand some aspect of the project requirements. We spend additional time in collaboration and dialogue with contractors to assist in scheduling and sequencing issues if we see an opportunity for our clients to benefit. We'll spend exhaustive time, and on a moment's notice, when the owner or contractor wants to take one final look at an alternative solution, system, or material – so that the project might be that much better.

**Budget/Bid Performance**

Our successful track record throughout West Virginia in meeting our client's budget requirements, we believe, is second to none. It is this record and our continuous ability to accurately estimate and appropriately administer construction projects that will greatly benefit WV General Services in proper project planning, funding, and implementation. Certainly, no client or owner wants to endure the negativity and frustration surrounding projects that are overbid or wrought with change orders. At Silling, we are committed to a sound and proven approach to developing a thorough project budget in concert with General Services at the initial project steps: developing accurate project estimates at critical design milestones of 50% and 95% by proven West Virginia-based estimators; relying on the information and relationships with general contractors, subcontractors and industry suppliers; compiling a thorough, well-coordinated, and unambiguous set of contract documents; and appropriately administering the construction contract and controlling construction phase changes.

We have found that experience inside the state is critical to the budget success of the project, and the familiarity with the nuances of the local construction marketplace cannot be overstated. Our experience over the past decade with virtually every building type imaginable in West Virginia has created a database that far exceeds the knowledge base of our closest competitors, and we are certain that this experience would directly inform the development of every one of your projects.



## B. Firm/Team Qualifications



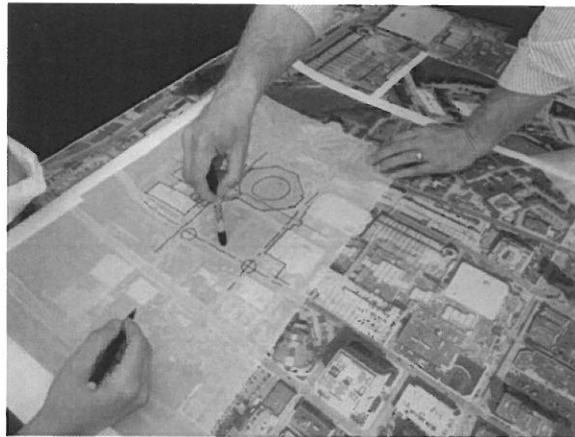
### Silling Associates, Inc. – Architect of Record

Silling Associates, Inc. is a West Virginia practice, through and through. Established in Charleston in 1902, we take great pride in being the longest continuing practice in the state and one of the oldest in the country. Our legacy of bettering the lives of West Virginians through the built environment is a commitment we take with much enthusiasm, creativity and hard work. Ours is a practice centered on client service; learning their needs and devoting our energies into producing buildings that exceed their expectations at every level. Our success is evidenced by a reputation throughout the state for clear project leadership, highly detailed documents, and completed works which speak to the values and goals of the client and communities for which they are built.

As a legacy architectural firm with a long and rich history serving the WV General Services Division and the State Capitol Complex, Silling has remained committed to the continued preservation and improvements to our State's most significant governmental buildings. Understanding the vision of the General Services Division forms the inspiration to what we see as our primary role in serving you: project leadership from start to finish.

As your architect, we will lead the design process from pre-planning, programming, design and construction document production, construction administration, and post-occupancy support. Our experience is something that the State and many other institutions have come to rely on. Members of our design team have worked on numerous small and large scale projects serving the State of West Virginia, county governmental agencies, colleges and universities, and corporations with broad and dense organizational structure.

Our abilities to communicate, organize, schedule, adapt, and coordinate with all project stakeholders at a high level of efficiency will be crucial to the success of each of the projects outlined in your Solicitation. Our qualifications for this project are exhibited by a team of architects and designers handpicked for their respective qualifications and skill sets, a vastly diverse portfolio, and specifically our own unique collective and individual experiences in delivering the most refined design services for our West Virginia clients.



Our staff is comprised of seven licensed architects with a combined 115 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.

Our firm's architects hold combined licensure in seven states including West Virginia, Virginia, Ohio, Kentucky, Pennsylvania, Maryland, and Illinois. The core team of professionals hold certifications with AIA, NCARB, LEED AP, CSI, educational planning organization, and historic preservation groups to name a few. Each bring a keen perspective of architectural design, project management experiences, and have been honored with design

awards throughout their professional careers. In addition to these seven architect employees, Silling has a team of three architectural designers holding professional degrees and pursuing licensure. They have graduated at the top of their class in both bachelor and master's degree programs across the country. They have been instrumental in expanding our sustainable design philosophy focus, our technical design software palette including Building Information Modeling, rendering, and production software, and are all active participants in the ongoing design dialogue of every project we undertake.

Likewise, our team of engineering consultants represents the most competent and capable firms in their respective disciplines, each has a strong history of collaborating with Silling Associates for all major projects over the last twenty to thirty years, and they have a proven history of delivering exceptional services to the State of West Virginia and General Services Division. We have grown accustomed to responsive design solutions and continue to hire each of these consultants due to the level of principal involvement and professional care they deliver. As with the case of our firm, the principals and partners of every design team member we bring will be actively involved with the State, and each will serve daily design and production roles ensuring that design excellence is achieved. Silling Associates' collective staff resources, as well as those of our consultant team members, presents great capacity to service the project. We believe through both capacity in numbers, as well as talent, that no other West Virginia firm is more qualified to deliver the scope of services required to produce the expected quality of programming, design, document production, and construction administration support within the budgetary and scheduling constraints required for this project.

As general practitioners of architectural design, Silling Associates has extensive recent and relevant, as well as historic, experience with every building type. 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. Current projects reflect a wide range of projects including collegiate campus master plans and new convocations centers and arenas, governmental projects ranging from small renovations to 100,000 square foot new county facilities, new hotel and resort facility designs, custom sustainable design services for single family residences, and in recent years, our firm alone has designed nearly 2 million square feet of building construction touching virtually every sector of building occupancy classification.



**Principal in Charge & Overall Project Executive (Resume Attached):**

**Jody Driggs, AIA, Vice President**

Silling Associates, Inc.

405 Capitol Street, Upper Atrium

Charleston, WV 25301

Phone: 304.346.0565

Email: [jdriggs@silling.com](mailto:jdriggs@silling.com)

### **The Technical Team – Consulting Engineers**

Silling Associates is a firm solely focused on planning, architecture, and interior design, and we routinely partner with the region's most qualified engineering consultants to provide innovative and sensitive system solutions. While the right-fit partner might vary for particular projects, we are confident that our most trusted and called upon partners are uniquely qualified to serve your team in this endeavor, and each of the consulting engineering firms proposed provides virtually all of the services for every project undertaken by Silling Associates.

#### **Scheeser Buckley Mayfield – MEP Engineering**

Scheeser Buckley Mayfield will provide mechanical, plumbing, electrical, fire protection, and telecommunications engineering services for the team, and has a long and proven track record for excellent design service to secondary and higher education clients in West Virginia and Ohio. SBM has been the MEP engineer of choice for Silling Associates for more than a decade serving a great multitude of projects totaling well over 1 million square feet of construction. Together, we provide WV General Services a long and successful history of project collaboration and professional service that ensures a highly technical, yet seamless integration of architecture and engineering design.

*Key Personnel: Chris Schoonover, PE, LEED AP (Mechanical) & Jim Eckman, PE, LEED AP (Electrical)*



**Moment Engineers – Structural Engineering**

Moment Engineers, Inc. is a professional consulting firm specializing in structural engineering. They serve the architectural and building construction communities throughout West Virginia. Based in Charleston, West Virginia at 179 Summers Street, Moment Engineers was founded by Douglas Richardson in early 2005. Prior to that, Mr. Richardson was employed by a West Virginia architectural/engineering firm as their Senior Structural Engineer. For more than a decade, Mr. Richardson has had sole responsibility for the structural engineering design of more than 5 million square feet of built space, with the total construction costs of these projects exceeding \$600,000,000. His experience, which ranges from small to very large multi-phase projects, is invaluable in providing the technical expertise and creative flexibility to deliver results in a prompt and reliable manner.

*Key Personnel: Doug Richardson, PE (Structural)*

**Terradon Corporation – Civil/Site Engineering**

Terradon offers a wide range of engineering services, and is particularly suited to land and infrastructure design and development in the mountainous areas of West Virginia and the Eastern United States. The company was formed in 1989, and its staff includes engineers, landscape architects, surveyors, planners, environmental scientists, designers, and technicians. Terradon's services are organized into seven service areas that work together or independently, depending on client needs and the scope of the project. These services include: Civil Engineering, Land Planning and Site Design, Surveying and Mapping, Geotechnical Investigations, Landscape Architecture, Materials Testing and Construction Monitoring, Environmental, and Roadway and Structural Design.

*Key Personnel: Jim Nagy, PE (Civil)*

**Ability to Handle the Project in its Entirety**

With a team of seventeen 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.

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.

**Statement of Firm's Acceptance and Understanding**

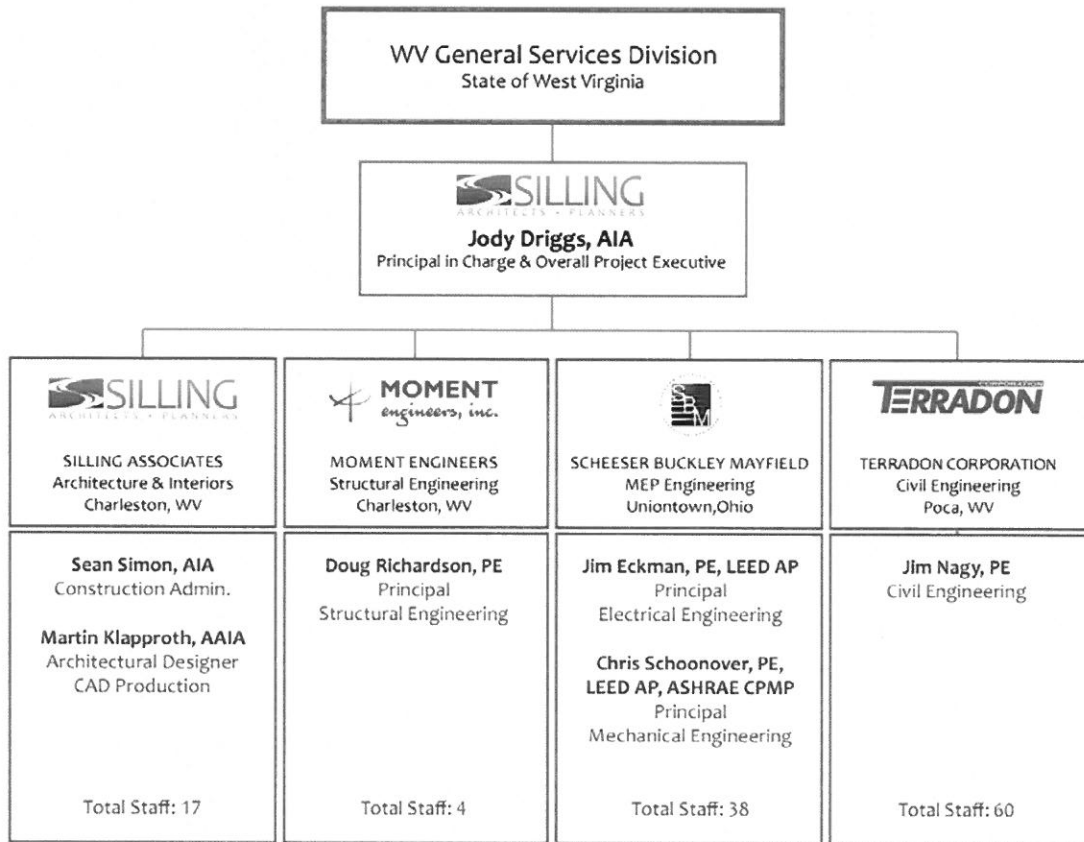
Silling Associates understands and accepts that any and all work produced as a result of the contract will become property of the Agency and can be used or shared by the Agency as deemed appropriate.

**Litigation or Arbitration Proceedings**

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

**C. Organization**

Silling and our consulting teammates are fully committed to serving the project, with a clear understanding of the anticipated scope. Subsequently, we have identified key firm principals and project managers with experience and capabilities specifically geared toward management of this project. Our organizational chart is an honest expression of committed personnel, and is loaded with principal involvement from each consultant team member.



#### **D. Design Team Experience**

Our portfolio includes projects in a vast range of sizes, typologies, and complexities and speaks directly to our ability to manage the diversity of projects required through this contract. Likewise, our staff and those of our consultants bring a deep pool of design professionals with an equally diverse range of specializations and experiences.

In addition to a long and highly successful history serving the West Virginia State Capitol Complex — which includes the original design for Building 4, the West Virginia Culture Center, Capitol Complex Master Planning, and various renovation projects over the years — we offer our most recent contributions to the State Capitol Complex, General Service Division, as well as various agencies for State of West Virginia:

##### **East Wing Renovations, WV Supreme Court of Appeals**

- Renovation of Court Attorney's Offices
- Renovation of the Justices' Conference Room & Kitchenette
- Restoration of the Justices' Chamber Suites
- Renovation of the Chamber Hallway
- Renovation of the Courtroom Lobby
- Renovation of the Law Library Offices
- Historic restoration of the Supreme Court Courtroom
- Renovation of Clerk's Office

##### **WV State Capitol Exterior Lighting Redesign**

- Exterior Lighting Improvements & Energy Efficiency

##### **WV Capitol House Elevator Upgrade**

- Elevator Upgrade

##### **Building 4 Renovations, State of WV**

- Comprehensive Building Renovations
- Space Planning

##### **Building 97, State of WV, Williamson**

- New Entry Doors & Sidewalk Improvements

##### **WV Lottery Headquarters**

- Various Existing Building Assessments
- City Center West Renovation

##### **WV Division of Corrections**

- Renovations, Charleston Correctional Center (Former Warehouse Building)
- Renovations, Parkersburg Correctional Center (Former Hotel)
- Multiple Renovations, Huttonsville Correctional Center
- Renovations, Denmark Correctional Center
- Renovations, Anthony Correctional Center
- Renovations, Pruntytown Correctional Center
- Renovations, St. Marys Correctional Center

The following project list highlights various completed and/or ongoing projects (within last ten years) involving similar work as required within this RFQ:

##### **HVAC Renovations/Replacement/Upgrades (in collaboration with Scheeser Buckley Mayfield):**

- East Wing of the State Capitol Building
- Building 4, State of WV
- WV Lottery Headquarters, City Center West
- Wetzel County Courthouse
- Monongalia County Justice Center
- Marsh Library, Concord University

- Alexander Fine Arts Building, Concord University
- John Marshall High School
- Beckley Stratton Middle School
- Glen Dale Elementary School
- Joan C. Edwards Fine Arts Building, Marshall University
- Student Center, WVU Tech
- Fleming Hall, WV State University
- Ferrell Hall, WV State University
- Drain Jordan Library, WV State University
- Historic WPA Annex, Hampshire County
- Historic Sheriff's Residence, Hampshire County

**Roof Replacements (Most Include OSHA Ladder/Hatch Improvements):**

- Marsh Hall, Concord University
- Marsh Library, Concord University
- Alexander Fine Arts Building, Concord University
- Student Union, Concord University
- Parkersburg Correctional Center
- Charleston Correctional Center
- Jaynes Hall, Fairmont State University
- Caperton Center, Fairmont State University
- Wallace Hall, WV State University
- Wilson Student Union, WV State University
- Putnam County Courthouse
- Tucker County Courthouse
- Glen Dale Elementary School
- Beckley Stratton Middle School
- Former Detention Center, Mineral County

**Elevator Replacement/Modernizations**

- WV Capitol House & Senate Elevator Upgrade
- Sullivan Hall, WV State University
- Wyoming County Courthouse Annex
- WV Lottery Headquarters, City Center West Renovation
- Hampshire County WPA Annex Renovation
- Affiliated Construction Trades Foundation
- Monongalia County Justice Center
- Charleston Correctional Center

*Note: We have attached information on those projects deemed most relevant on the following pages for your review.*



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: Complete

Contact: Steve Canterbury,  
Administrative Director, 304.558.0145

This historic renovation and restoration project involves the phased renovation of the third and fourth floors of the East Wing of the West Virginia State Capitol Building, which was originally designed by renowned architect Cass Gilbert in the early 1930s.

Various architectural, interior, and historic restoration improvements, as well as mechanical/electrical/plumbing systems modernizations, were made to the Court Attorney's Offices, Justice's Chambers Conference Room and Kitchenette, Justice and Assistant Offices, Chamber Hallway, Courtroom Lobby including renovated Men's and Women's Room, Law Library Offices, Courtroom Renovation, and Clerk's Office.

The project required significant collaboration and communication with the Supreme Court Administrative Director, Supreme Court Justices, Security staff, and the State Capitol Building Commission.









Project Size: 12,600 gsf roof area

Project Type: Roof Replacement

Project Status: Completed in 2013

Contact: Tom Tucker, Director of Physical Plant, 304.367.4110, Raymond.Tucker@fairmontstate.edu

The Jaynes Hall project at Fairmont State University involved the replacement of the existing roof system with a new fully-adhered EPDM roof system over properly sloped tapered insulation over a base course of rigid insulation. Additionally, the backside and top portions of the existing parapets were waterproofed and new metal coping was installed. Exposed ductwork on the roof (showing signs of condensation and rust) were treated with properly pinned insulation and adhered rubber membrane to totally enclose and protect the ductwork and prevent condensation due to temperature differences of

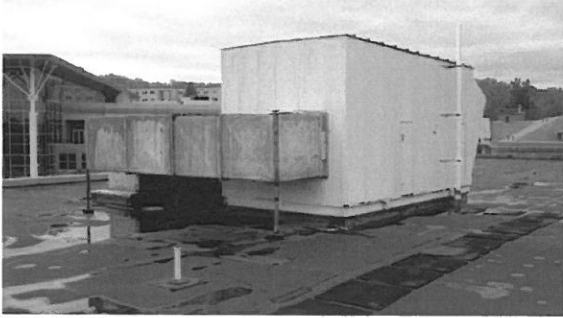
the ductwork and outside air. The rooftop cooling unit lacked proper access to the raised access door, which required a new, OSHA-approved ladder and platform.



Before Photo - Existing Cooling Tower with Proper Access



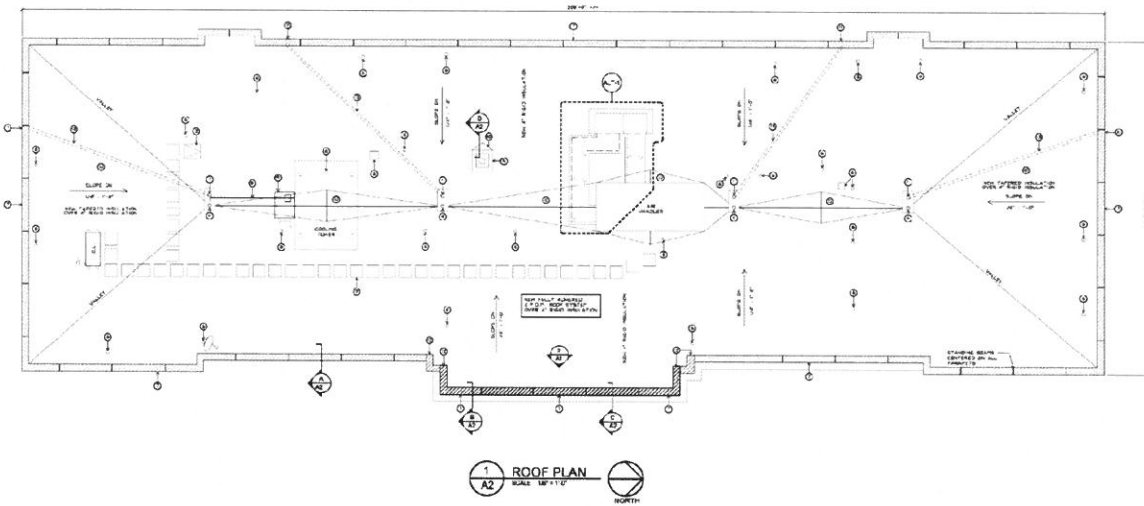
After Photo - New OSAH Approved Ladder and Platform Accessing the Elevated Access Door of the Cooling Unit



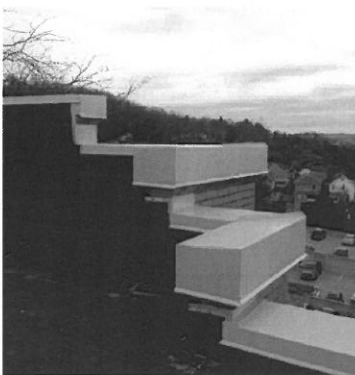
Before Photo - Exposed Ductwork Showing Missing Insulation and Protective Wrap



After Photo - Ductwork with Properly Pinned Insulation and Adhered Rubber Membrane



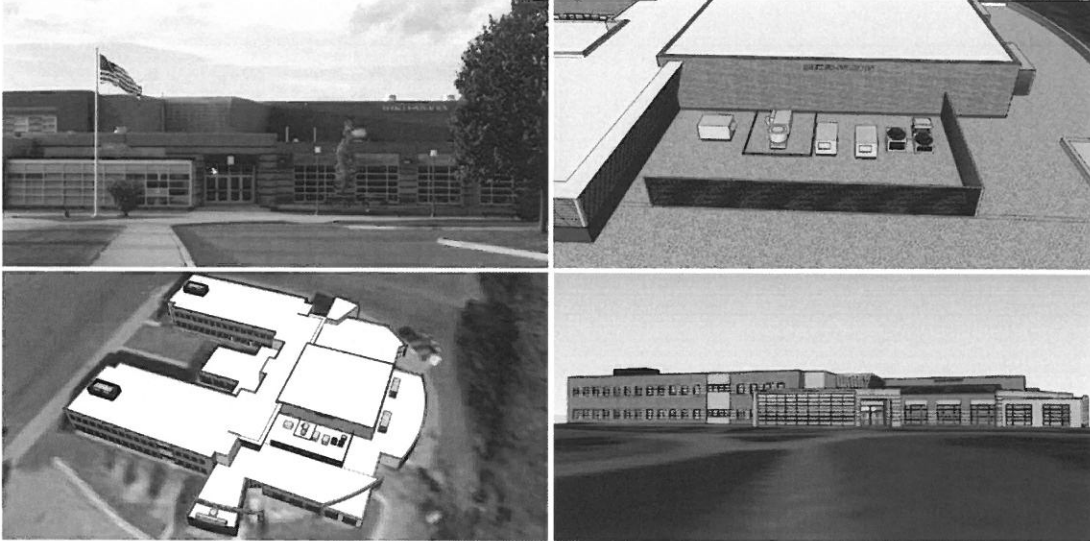
Before Photo - Existing Parapet Wall without Proper Flashing



After Photo - Properly Flashed Parapet Wall



After Photo - New Roof with Walking Pads



Project Size: 99,400 gsf

Project Type: Renovations

Project Status: In Design

Contact: Rod Lively, Director, Facilities & Maintenance, [rglively@access.k12.wv.us](mailto:rglively@access.k12.wv.us)  
p 304.256.4656, ext. 306

Silling Associates was selected by the Raleigh County Board of Education for much needed renovations of the Beckley Stratton Middle School, having successfully assisted the county in their submission for and receipt of a Major Improvement Project grant from the School Building Authority of West Virginia.

Silling and its team of expert engineering consultants were charged with investigation, analysis, and design to address many long-standing and significant technical issues that have plagued the facility since its original construction in 1996. Primary failings of the previous design relate to the heating, ventilation, and air conditioning systems, building and site plumbing piping, as well as exterior envelope detailing.

Working closely with the school board's Construction Manager to identify study paths and proposed solutions to ensure budget conformance, the project's scope will include comprehensive replacement of the HVAC systems of the continuously occupied instructional space, reconfiguration of major sanitary piping routes and connections, repair of all failing exterior window and glazing systems, and replacement of the original membrane roof.

The intended outcome will be the elimination of problematic negative air pressure throughout the interiors while significantly increasing energy performance, along with the removal of sanitary and grease trap odors from the building and solving water infiltration issues at window sills, insulated glazing units, and throughout the entirety of the roof. Correction of these problems will allow Raleigh County to focus their resources of energy, money, and time toward their primary mission – education of young people at Beckley Stratton Middle School.



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 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.





Project Budget: \$34 million

Project Type: Additions & Renovations

Project Status: Current Project

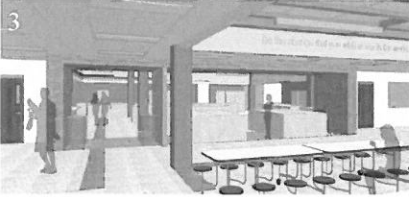
Contact: Mr. Michael Hince, Superintendent;  
Mr. Corey Murphy, Assistant Superintendent  
P 1.304.843.4300

The proposed renovations and additions for John Marshall High School have evolved for several years. The Marshall County Board of Education's resolve to move forward with these much needed renovations to one of the hallmark schools in West Virginia has not wavered, and the County Board and administration are committed to the completion of the first phase of this project as described within the SBA grant contract. Further, they are committed to the creation of a master plan that would provide all needed improvements to John Marshall High School, modernize the school and allow for delivery of 21st century curriculum to be delivered to students. The

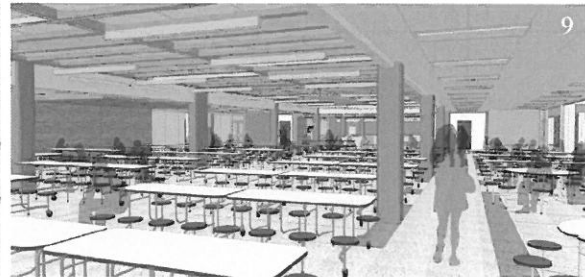
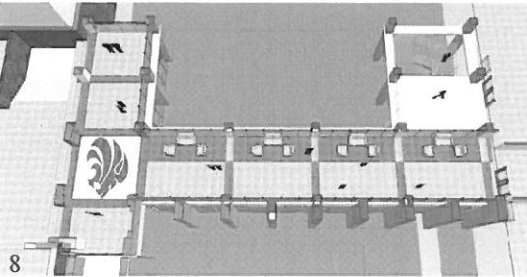
Board is in the process of creating a budget and securing additional local funding to provide all needed improvements that will be identified in the Master Plan for the school. PCS, in close collaboration with Silling Associates, is performing an educational audit as well as a facilities audit to determine the County's greatest need as well as long range needs that will be addressed as funding becomes available.

The phase I work will minimally include the following priority improvements: Construction of an enclosed connector between the Main Building and the Auditorium/Gymnasium Building; School Access Safety and general school safety improvements; Administrative Suite renovations to provide controlled access; Science Departmentalization and improvements; Choral/Band Storage areas improvements and creation of a Strings Classroom; Relocation and renovations to the Media Center; School Technology upgrades; Behavioral Disorder area improvements/upgrades; Girls Team Locker Room renovations; General building improvements and renovations; & Site improvements and paving.

Additional renovations will occur as departmentalization improvements continue and funding becomes available. The Kitchen and Cafeteria area renovations will also occur as funding becomes available. Sufficient space will be provided to accommodate feeding all students within two lunch periods. Realizing that the current building utilization is very low, every effort will be made to improve utilization as building improvements occur. All improvements will follow the Master Plan for the facility.



1 - Aerial View of New Entry Addition  
2 - Side View of New Entry Addition  
3 - Renovated Dining Hall / Food Service Area  
4,5 - Bridge Connector Corridor View  
6 - New Dining Hall / Cafeteria  
7 - Exterior View of New Bridge Connector  
8 - Plan Perspective of Bridge Connector  
9 - New Dining Hall / Cafeteria







Project Size: 80,000 gsf

Project Type: Interior Renovations

Project Status: Construction Start  
January 2014

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

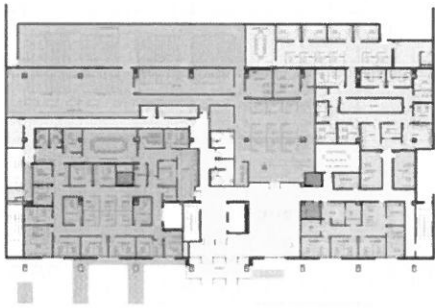
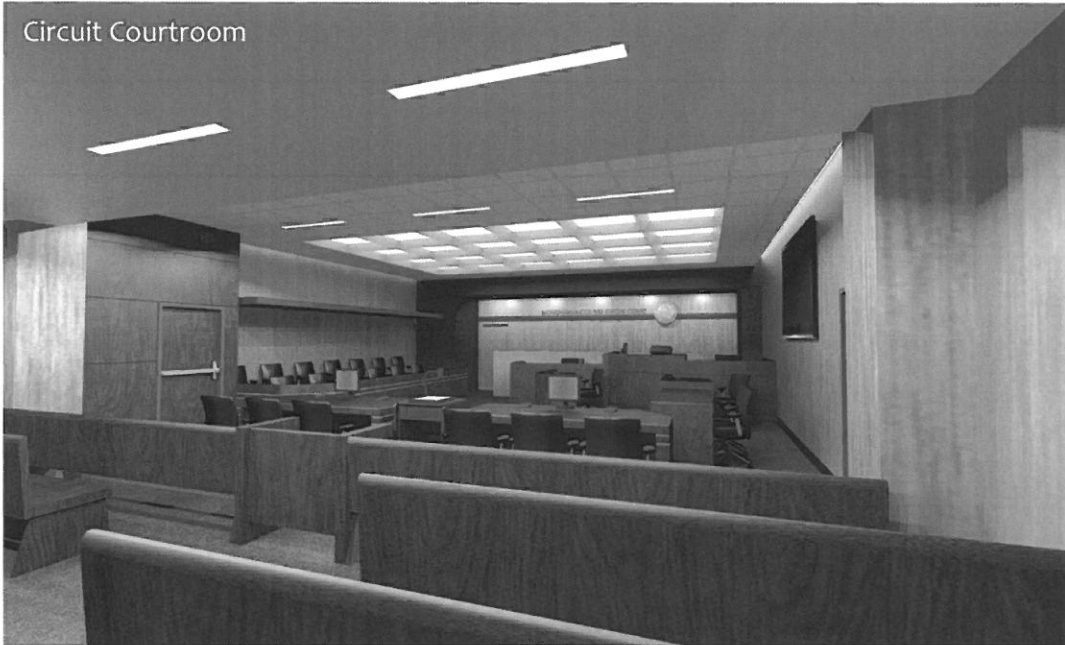
In March of 2012, the Monongalia County Commission selected Silling Associates to serve as the Designer and Architect of Record for the renovation of the former Harley O. Staggers Federal Building, located on High Street in downtown Morgantown.

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, teen court, drug court, and day reporting offices. Additionally, Silling will be providing overall master planning services for the historic county courthouse, including space planning and renovations.



Circuit Courtroom



Magistrate Courtroom





Project Size: 36,000 gsf

Project Type: Roof Replacement

Project Status: Design Phase

Contact: Philip Farley, Construction Manager,  
304.558.3026, Philip.K.Farley@wv.gov

The Anthony Correctional Center has been experiencing difficulties with moisture infiltration throughout the facility resulting in damaged ceilings, walls, and deterioration of other related building systems. In addition, inadequate building insulation has had an obvious impact on energy consumption, human comfort, and the inadequate insulation in the interstitial space above the ceiling requires the facility to shut down the building sprinkler system in winter months. The WV Division of Corrections commissioned Silling

Associates to provide comprehensive design services to evaluate and correct the existing building envelope including wall and roof system R-values and increasing the building's thermal performance, the roof parapet flashing and coping conditions, and window flashing details. Additionally, design solutions were developed to evaluate and correct the HVAC ductwork and ductwork insulation, improve HVAC system exhaust and provide enhanced building air controls.

**Multiple Boiler & Chiller Replacements**  
West Virginia State University



Project Size: Various

Project Type: Boiler/Chiller Replacement,  
Drain Jordan Library, Hamblin Hall,  
Ferrell Hall, & James C. Wilson Union

Project Status: Completed in 2010

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

Silling Associates, in collaboration with consulting engineers Scheeser Buckley Mayfield, provided complete design services for the replacement of various boilers and chillers for the Drain Jordan Library, Ferrell Hall, Hamblin Hall, and Student Union.

Our firm was responsible for overall project 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.

## Client References

### **Mr. Steve Canterbury, Administrative Director**

West Virginia Supreme Court  
State Capitol Complex, Building 1, Room E-100  
Charleston, WV 25305-0830  
1.304.558.0145

*Our firm's experience working with Mr. Canterbury dates back almost twenty years in his previous position as the Director for the WV Regional Jail & Correctional Facility Authority, overseeing numerous correctional facility projects designed and managed by Silling. As the current Administrative Director for the WV Supreme Court, we have continued to work with Steve on multiple renovation projects for the Offices of the Supreme Court, as well as design review and approval for numerous county court facilities throughout the state of West Virginia.*

### **Mr. Bob Doyle, Facilities Director**

Monongalia County Commission  
243 High Street  
Morgantown, WV 26505  
1.304.291.7281

*We have worked with Mr. Doyle since May 2012 throughout the development of the Monongalia County Justice Center, a project involving comprehensive renovations and alterations to the existing 80,000 sf former Harley O. Staggers Federal Building. The project is currently in construction phase.*

### **Mr. Brian Donat, County Manager**

Putnam County Commission  
3389 Winfield Road  
Winfield, WV 25213  
1.304.586.0201

*A long time county administrator/manager, Brian has worked with Silling on a multitude of county projects for many years, including various new construction, renovations, additions, and historic preservation projects.*

### **Ms. Cindy Whetsell, County Administrator**

Lewis County Commission  
P.O. Box 466  
Weston, WV 26452  
1.304.269.8200

*Ms. Whetsell served as the Owner's primary representative for the new Lewis County Judicial Center (completed in 2013).*

### **Mr. David Snead, Executive Director**

WV School Building Authority  
300 Kanawha Boulevard, East  
Charleston, WV 25311-2306  
P 304.545.5843

*Silling's project experience working with Mr. Snead goes back to his former position as the Chief of Architectural Services for the WV School Building Authority, as well as his most recent position serving as Director of Educational Planning Services for PCS (Project & Construction Services, Inc.). Mr. Snead is now serving as the Executive Director of the WV School Building Authority, succeeding Dr. Mark Manchin.*



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](http://www.silling.com)

Number of Years in Business:  
112 years

Firm Principals:  
Thomas Potts, AIA  
Jody Driggs, AIA

Total Employees:  
17

Licensed Architects:  
7

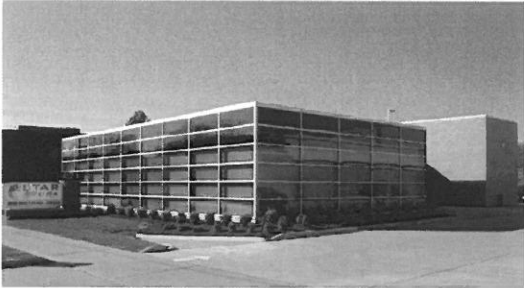
Graduate Architects:  
3

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.



**Recognition for Design Excellence**  
American Institute of Architects - West Virginia Chapter



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



**James C. Wilson Student Union**  
AIAWW Merit Award for Achievement in Architecture  
**2006**



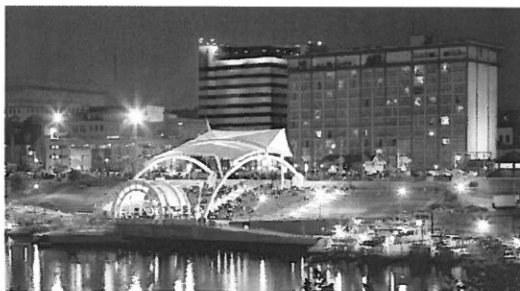
**Chesapeake Energy Regional Headquarters**  
AIAWW Honor Award for Excellence in Architecture  
**2008**



**Bible Center Church**  
AIAWW Merit Award for Achievement in Architecture  
**2009**



**Moses Residence**  
AIAWW Merit Award for Sustainability  
**2011**



**Haddad Riverfront Park**  
AIAWW Honor Award for Excellence in Architecture  
**2011**



**Raleigh County Judicial Center**  
AIAWW Merit Award for Achievement in Architecture  
**2013**



**Morgan County Courthouse**  
AIAWW Honor Award for Excellence in Architecture  
**2013**





**Jody Driggs, AIA, NCARB**  
Principal

As a principal with Silling Associates with seventeen 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 designs 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 Charleston Riverfront Park.

**Professional Experience**  
17 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**

John Marshall High School  
Additions & Renovations  
Moundsville, WV

Raleigh County BOE Bond Planning  
Beckley, WV

Bible Center Church  
Charleston, WV

West Virginia Lottery Headquarters  
Charleston, WV

Charleston Riverfront Park Pavillion &  
Performance Stage  
Charleston, 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 Of-  
fice Center  
South Charleston, WV

St. Timothy Lutheran Church  
Charleston, WV

Building 4  
State Capitol Complex  
Charleston, WV

Mardi Gras Casino Resort Hotel  
Cross Lanes, WV



**Martin Klapproth, Associate AIA**  
Designer

Martin is a designer with twenty-five years' experience in the architectural industry, including all phases of project design. From 1986 through 1996, he served ZMM Architects as an Architectural Designer providing schematic design, construction document, and I.T. support. Martin joined The HDMR Group in 1996 where spent the next ten years providing schematic and construction document production support, project management and supervision, as well as marketing, website, and I.T. support. During this period, he provided various design, production, and/or project management services for the Marshall University Robert C. Byrd Biotechnology/Science Center, Marshall University-South Charleston Campus, and West Liberty State College Academic, Sports, & Recreation Facility, among others. Martin joined Silling Associates in 2008 as a Project Manager. His primary responsibilities include schematic design, contract document production and coordination, construction contract administration support, and overall project support.

**Professional Experience**  
25 years

**Education**  
-Bachelor of Architecture  
University of Cincinnati, 2003

**Previous Experience**  
-ZMM, Inc., Charleston, WV (1986-1996)  
-HDMR Group, Inc., Charleston, WV (1996-2006)  
-Silling Associates, Inc., Charleston, WV (2008 to Present)

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

**Select Experience**

Monongalia County Courthouse  
Morgantown, WV

Chesapeake Energy  
Athens - COI

Hampshire County Courthouse  
Cupola Replacement  
Romney, WV

Robert C. Byrd Biotechnology Science Center  
Marshall University

South Charleston Graduate Campus  
Marshall University

Student Housing Study  
Marshall University

Athletic, Convocation, & Academic Center  
West Virginia State University

Academic, Sports, & Recreation Center  
West Liberty State University

Chesapeake Energy Regional Field  
Operations Facilities  
Athens Township, PA

Kanawha Valley Heart Specialists  
South Charleston, WV

West Virginia Supreme Court of Appeals  
East Wing of the State Capitol Complex  
Charleston, WV

Marsh Library & Alexander Fine Arts  
Building Renovation  
Concord University

Marsh Hall & Science Hall  
Building Renovation  
Concord University

West Virginia Lottery Headquarters  
Charleston, WV

St. Johns United Methodist Church  
Spencer, WV

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

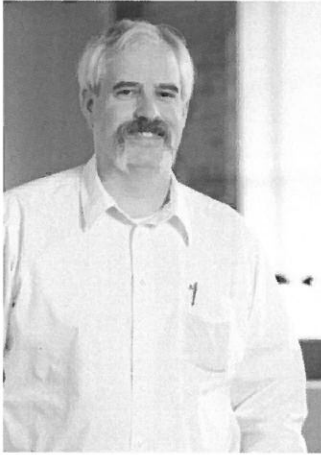
Morgan County Courthouse  
Berkeley Springs, WV

Raleigh County Judicial Center  
Beckley, WV

Medina County Courthouse Expansion  
Medina, OH

Mardi Gras Casino Resort Hotel  
Cross Lanes, WV

Mineral County Courthouse  
Keyser, WV



**Sean Simon, AIA**

Construction Period Service Manager

Sean has twenty-two 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. In addition to construction period services, Sean also produces the project manuals including writing the project specifications and the production of the project contracts. 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**  
22 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

-National Council of Architectural  
Registration Boards (NCARB)

**Select Experience**

Joan C. Edwards Fine Arts Building  
Renovation, Marshall University

Mount Olive Correctional Complex  
Mount Olive, WV

Athletic, Convocation, & Academic Center  
West Virginia State University

Sullivan Hall Elevator Replacement  
West Virginia State University

Multiple Boiler & Chiller Replacements  
West Virginia State University

Huttonsville Correctional Work Camp  
Huttonsville, WV

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

Anthony Correctional Center - Multiple Projects  
White Sulphur Springs, WV

Chesapeake Energy Regional Field  
Operations Facilities, PA & WV, OH

Kanawha Valley Heart Specialists  
South Charleston, WV

Morgan County Courthouse  
Berkeley Springs, WV

Huntington Pediatric Dentistry  
Huntington, WV

Hampshire County Judicial Center &  
Courthouse Facilities Renovations  
Romney, WV

West Virginia Lottery Headquarters  
City Center West Renovation  
Charleston, WV

Raleigh County Judicial Center  
Beckley, WV

Parkersburg Work Release Center  
Parkersburg, WV

Mardi Gras Casino Resort Hotel  
Cross Lanes, WV

Putnam County Animal Shelter  
Winfield, WV

Putnam County Courthouse Renovations  
Winfield, WV

Fleming Hall  
West Virginia State University

Martinsburg Correctional Center  
Martinsburg, WV

Charleston Work Release Center  
Charleston, WV

Denmar Correctional Center  
Denmar, WV



“The professionalism and communication provided by your firm are among the best that I have witnessed in my many interactions with architecture firms. I look forward to working with you and other members of the Silling Associates team on many future campus facilities and projects.”

*Bryce Casto, WV State University*



“Silling Associates does their homework which allows them to develop designs that work by listening and interpreting the needs of their client...One of the most important characteristics of our many projects with Silling Associates is the few number of change orders required during construction. I attribute this to thoughtful planning and attention to the detail in developing specifications.”

*John Robertson, Charleston Civic Center*



“As is obvious from the aforementioned, I have had several personal experiences in different roles with Silling, and their work has always been exemplary.”

*Glenn R. Stotler*



“Hiring Silling to design the new facility was, perhaps, my best decision.”

*Paul J. Kelly, Jr., Esq.*



**SILLING**  
ARCHITECTS + PLANNERS



“We here at Mardi Gras could not be happier with our experiences with Silling Associates, and anticipate a long and rewarding relationship with our current and future endeavors.

Thank you for a job well done!”

*Robert T. Lagg, Mardi Gras Casino Resort Hotel*



“None can surpass the performance of Silling Associates/Architects for providing support, timely responses and solutions to problems. Your firm’s professionalism in dealing with the owner, state agencies and general contractor contributed to an exceptionally positive working relationship between all concerned parties.”

*Chandler Swope, Swope Construction*



“Lewis County cannot begin to articulate how positive our experience has been with Silling Associates. This firm is truly a value.”

*Pat Boyle, Commissioner*



“The program and design solutions presented by the Silling Associates team have provided Medina County an array of options, with a required level of analysis and attention to detail, for the County to confidently move forward with project construction in the future. It has truly been a successful and collaborative experience and we are pleased with our selection of Silling Associates as our design professional.

*Chris Jakab, Medina County*



Silling’s performance in keeping our projects within budget, meeting schedule deadlines, and providing maximum attention throughout the construction process has been extraordinary.”

*Patty Davis, Hampshire County*



“In our experience, Silling Associates is one of the few businesses who seem to inherently manage life’s priorities at all times. While every business is in the business of making money, Silling successfully balances their client’s interest and the art of their craft with great integrity.”

*Jason & Halcyon Moses*



**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:  
55 Years

**Firm Principals:**

James E. Eckman, PE, LEED AP  
James P. Kulick, PE, LEED AP  
Michael P. Wesner, 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  
Joshua J. Roehm, PE, LEED AP  
Chad B. Montgomery, 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.



**CHRISTOPHER J. SCHOONOVER, P.E., LEED AP, ASHRAE CPMP**

Principal - Mechanical Engineer

Mr. Schoonover attended The Pennsylvania State University where he received his Bachelors Degree in Architectural Engineering in 1993. Areas of specialization included HVAC Controls, HVAC System Modeling, and HVAC System Optimization. He is a registered professional engineer in several states including Ohio and Pennsylvania.

Mr. Schoonover joined Scheeser Buckley Mayfield in 1993 and has served as a project manager and lead mechanical engineer on a wide variety of projects, primarily for health care facilities and universities. Projects in Chris' background include a 25-suite surgery expansion for the Cleveland Clinic Foundation with a total construction budget of \$25 million; and a 180,000 square foot health and wellness facility for Akron General Medical Center with a total construction budget of \$17 million.

Chris was lead mechanical designer for the \$25 million addition and renovation at the VA Medical Center Ambulatory Care in Cleveland, Ohio and has also managed Scheeser Buckley Mayfield's design efforts for the University of Akron Student Center.

Chris has also led MEP Design efforts for several Design-Build and Performance Contracting projects. These projects present unique contractual relationships, while still providing engineering challenges for Scheeser Buckley Mayfield.

Chris has continued Scheeser Buckley Mayfield's tradition of forging long-term relationships with our clients, and as a result enjoys designing a large variety of smaller support projects for his clients. "From small, single-room modifications to complete floor-by-floor retrofits, Scheeser Buckley Mayfield's success is defined by the quality of our projects, regardless of size."

A sampling of other clients with whom Mr. Schoonover has experience include Akron General Medical Center, Ameritech, Akron Children's Hospital, The City of Akron, Cleveland State University, Fairview General Hospital, First Energy, Medina General Hospital, Mercy Medical Center, Ohio State University and University Hospital's Health System.

Mr. Schoonover is a member of ASHRAE (The American Society of Heating, Refrigerating and Air Conditioning Engineers).





## Resumes



### **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, North Carolina, Wyoming 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).



Moment Engineers, Inc.  
178 Summers Street  
Charleston, WV 25301  
P 1.304.414.4000  
[www.momentengineers.com](http://www.momentengineers.com)

Number of Years in Business:  
8 Years

Firm Principals:  
Douglas R. Richardson, P.E.

Total Employees:  
4

Licensed Engineers:  
3

**Moment Engineers, Inc.** is a professional consulting firm specializing in structural engineering. We serve the architectural and building construction communities throughout West Virginia. Based in Charleston, West Virginia at 179 Summers Street, Moment Engineers was founded by Douglas Richardson in early 2005. Prior to that, Mr. Richardson was employed by a West Virginia architectural/engineering firm as their Senior Structural Engineer. For more than a decade, Mr. Richardson has had sole responsibility for the structural engineering design of more than 5 million square feet of built space, with the total construction costs of these projects exceeding \$600,000,000. His experience, which ranges from small to very large multi-phase projects, is invaluable in providing the technical expertise and creative flexibility to deliver results in a prompt and reliable manner. Our experience encompasses a wide variety of building types and sectors, and our expertise include designing with steel, concrete, masonry, and wood.

At Moment Engineers, we recognize that the architect is the primary contact for the building owner. Our role is to strengthen that relationship by producing high quality designs in a prompt and cost effective manner. To that end, we emphasize incorporating traditional and technical means of communication and data transfer to ensure a seamless integration of structural integrity and architectural creativity. We believe that the practice of engineering is the point at which science and society meet. We also believe that the architects and builders we serve are essential in the development of the fundamental dignity of the community. Moment Engineers is strongly committed to developing structural solutions which bring permanence and strength to the expression of architectural thought.



**Douglas R. Richardson, P.E.**

President/Structural Engineer

Moment Engineers was founded by Douglas Richardson in early 2005. Prior to that, Mr. Richardson was employed by a West Virginia architectural/engineering firm as their Senior Structural Engineer.

Doug is a graduate of North Carolina State University with a Masters of Science in Civil Engineering. He received a Bachelor of Science Degree in Civil Engineering from West Virginia University in 1987. He has over twenty-three years of professional experience.

For more than a decade, Mr. Richardson has had sole responsibility for the structural engineering design of more than 5 million square feet of built space, with the total construction costs of these projects exceeding \$600,000,000. His experience, which ranges from small to very large multi-phase projects, is invaluable in providing the technical expertise and creative flexibility to deliver results in a prompt and reliable manner.

Professional Affiliations Include:

- American Society of Civil Engineers
- American Concrete Institute
- American Institute of Architects
- Structural Engineering Institute
- Timber Framers Guild

His experience encompasses a wide variety of building types and sectors, and his expertise includes designing with steel, concrete, masonry, and wood.

Select Experience Includes: Lewisburg Elementary School, Lewisburg, West Virginia; Greenbrier West H.S. Renovations & Additions, Charmco, West Virginia; PikeView Middle School, Princeton, West Virginia and Wayne Co. Spring Valley High School, Huntington, West Virginia. Others given upon request.

### Robert C. Byrd Regional Training Institute

The Regional Training Institute at Camp Dawson is a new 143,000 square foot facility constructed for the West Virginia Army National Guard that provides an ideal setting for training classes, meetings and conferences serving both the military and civilian population. The facility includes classrooms, library, a three story hotel style wing, auditorium and swimming pool. The structural systems utilized include steel frames, reinforced concrete and masonry, load bearing cold-formed steel studs, and long span steel joists.

### St. Albans High School

The design of this project began with the demolition of more than 40% of the existing structure. The remaining space was renovated and an additional 124,000 square feet of new construction was added. The new space includes an open commons/dining area which serves as a focal point in accessing the auditorium and gymnasiums. This space also includes an elevated walkway. The completed school is 172,600 sq. ft. with a total project cost of \$22,000,000.

### Ronceverte Elementary School

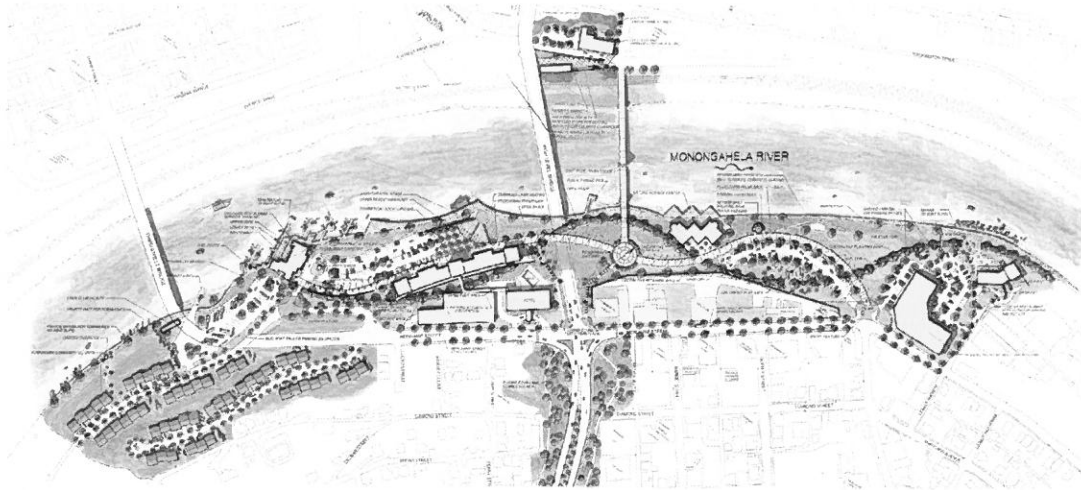
This new elementary school is constructed on beautiful rolling farm land in Greenbrier County. The facility was designed to serve 400 students and includes food preparation facilities, multi-purpose physical education room, media center, art room, music room, as well as traditional classroom spaces. The structural systems used were primarily loadbearing masonry and reinforced concrete, with open web steel joists framing the roof. The school is 45,250 sq. ft., and had a total project cost of \$7,267,000.

### The Greenbrier Resort Golf Clubhouse Renovation

Long established as a premier destination for luxurious resort accommodations and beautiful but challenging golf courses, The Greenbrier in White Sulphur Springs, WV undertook a significant renovation of their golf clubhouse in 1995. A unique challenge in providing the structural engineering for this building was to strengthen the floors, remove elevation differences between rooms, accommodate a new elevator and HVAC upgrades, enclose an open porch for restaurant use, all while maintaining the historical integrity and visual character of the original structure. The total square footage of the renovation was 33,000.

### Additional Project List

Project	Sq. Ft.		
		Camp Dawson - AFRC	56,200
Barboursville Elementary School	63,947	Sears, Chesterfield Mall, Richmond VA	146,980
Greenbrier East H.S. Renovations & Additions	205,057	Sears, Loudon VA	132,600
Lincoln Co. High School	216,500	Alderson Federal Prison Dormitory	60,625
Wayne Co. Spring Valley High School	175,000	Western Juvenile Detention Center	29,015
Cabell West Elementary School	55,788	Cacapon State Park Addition	9,842
Dunbar Primary Center School	14,100	Lewisburg United Methodist Church	12,800
Judge Donald F. Black Courthouse Annex	37,000	Kroger Store Renovation, Kanawha City	15,427
WV Hospital Association Office Building	29,710	Goodwill Industries Renovation and Addition	15,460
Capital State Bank	4,088	NGK-NTK Production Facility	78,000
Glen Jean - AFRC	107,090	Kappa Alpha Fraternity House, WVU	14,000



**TERRADON CORPORATION**  
401 Jacobson Drive  
Poca, WV 25159  
P 1.304.755.8291  
www.terradon.com

**Number of Years in Business:**  
24 Years

**Firm Principals:**  
Muhammad Riaz, P.E.

**Key Department Heads:**  
Gregory D. Fox, ASLA, LEED AP  
Jim Downey  
Joe Saunders, P.E.  
Bill Hunt, PG, LRS  
Robert Thaw, PS  
John James, P.E.

**Total Employees:**  
60

**TERRADON CORPORATION** offers a wide range of engineering services, and is particularly suited to land and infrastructure design and development in the mountainous areas of West Virginia and the Eastern United States. The company was formed in 1989, and its staff includes engineers, landscape architects, surveyors, planners, environmental scientists, designers, and technicians. TERRADON's services are organized into seven service areas that work together or independently, depending on client needs and the scope of the project. These services include: Civil Engineering, Land Planning and Site Design, Surveying and Mapping, Geotechnical Investigations, Landscape Architecture, Materials Testing and Construction Monitoring, Environmental, and Roadway and Structural Design.

Due to the breadth of services offered, TERRADON is regarded as one of the region's leading land and infrastructure planning and design firms. The firm has built its reputation by providing cost effective design solutions and maintaining the highest level of customer service.

For more than 20 years TERRADON Corporation has provided a wealth of engineering services, blanketing West Virginia and surrounding states with successful projects. The company built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today. TERRADON maintains more than 50 leading-edge staff selected to service markets like education, commercial development, water and wastewater, transportation, and recreation.



**Jim Nagy, PE**  
Senior Civil Engineer

As a Senior Engineer at TERRADON, Jim Nagy's primary focus is on designing civil engineering projects for public and private development projects throughout West Virginia. Nagy specializes in the design of water distribution systems as well as sewage collection systems. Nagy offers decades of hands-on experience and has previously provided design engineering services for schools, commercial developments, residential developments, public utilities and more. He earned a B.S. in Civil Engineering from West Virginia University and is a Professional Engineer in the State of West Virginia.

**Sample Project Experience:**

**Professional Experience**  
38 years

**Education**  
-B.S. in Civil Engineering  
West Virginia University

**Licenses & Certifications**  
-WV

**School Projects** - Responsible for layout, design, and permitting of water and sewer lines for numerous school projects in WV. Projects entailed coordination with PSDs, municipal water and sewer departments, State and Federal regulatory agencies for design of facilities. Schools include: Blue Ridge Community and Technical College, Blue Ridge K-12, Burnsville Elementary, Flatwoods Elementary, Davis Elementary, Sutton Elementary, Little Birch Elementary, Frametown Elementary, Buffalo High School, Clay-Battelle High School, Confidence Elementary, Jefferson Elementary, East Hardy High School, Eastwood Elementary, Flinn Elementary, Geary Elementary, Gilbert High School, Greenbrier West high School, Hampshire High School, Harpers Ferry High School and 19 additional schools.

**Commercial Developments** - Responsible for layout, design, and permitting of water and sewer lines for numerous commercial developments in WV. Projects entailed coordination with PSDs, municipal water and sewer departments, State and Federal regulatory agencies for design of facilities. Developments include: Fairmont Federal Credit Union, Allegheny Energy Union (Fairmont), First Ward (Clendenin) Apartments, Milton Crossing, Tri-State Hotel and multiple convenience store sites throughout WV.

**Charleston Replacement Housing** - Utility design, primarily water, sewer and stormwater, and coordination of overall site activities with the project developer for multi-unit housing development. Each phase entailed the design and layout of several hundred feet of water, sewer and stormwater line, including multiple connections with the utility providers, i.e., the Charleston Sanitary Board and West Virginia American Water, and applicable permit applications. Also responsible for construction monitoring and provision of as-built drawings as required by the respective utility providers.

**Cabell County Water Main Extension Project** - Worked on design and layout of approximately 46,000 feet of water main for the Salt Rock PSD/WVAW. Responsible for bidding, contract award, and project management.

**Putnam County Water Main Extensions** - Worked on design and layout of approximately 63,000 feet of water main and a booster pumping station for the Putnam County Commission/WVAW. Responsible for bidding, contract award, and project management.