

**SEALED BID:** A&E Services-WVSU Roof Replacement Projects

**BUYER:** Jerry Rush

**SOLICITATION NUMBER:** AEOI WSC2400000003

**BID CLOSING DATE:** 03/15/2024

**BID CLOSING TIME:** 2:30 P.M.

**SIGNATURE/CERTIFICATION**

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Jody S. Driggs, AIA  
(Name, Title)

PRESIDENT

(Printed Name and Title)

405 CAPITOL ST, UPPER ATRIUM CHARLESTON, WV 25301  
(Address)

304.346.0565  
(Phone Number) / (Fax Number)

jdriiggs@filling.com  
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through e-mail, I certify that: I have reviewed this solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the Commission/Institution that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the solicitation for that product or service, unless otherwise stated herein; that the vendor accepts the terms and conditions contained in the solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand the Commission/Institution is requiring the vendor to follow the provisions of WV State Code 5A-3-62 which automatically voids certain contract clauses that violate State law.

SILLING ARCHITECTS  
(Company)

J.S. Driggs  
(Authorized Signature) (Representative Name, Title)

Jody S. Driggs, AIA  
(Printed Name and Title of Authorized Representative)

3.15.24  
(Date)

304.346.0565  
(Phone Number) (Fax Number)

AEOI WSC2400000003

# A&E SERVICES

# WVSU ROOF REPLACEMENT PROJECTS

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Expression of Interest  
West Virginia State University  
March 15, 2024



March 15, 2024

West Virginia State University  
5000 Fairlawn Avenue  
Ferrell Hall Room 301  
Institute, WV 25112  
Attention: Jerry Rush, Director of Purchasing

RE: Expression of Interest  
**A&E SERVICES-WVSU ROOF REPLACEMENT PROJECTS (AEOI WSC2400000003)**

Selection Committee Members,

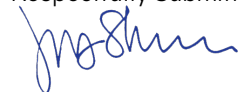
**Silling Architects** is pleased to submit our Expression of Interest to West Virginia State University for the WVSU Roof Replacement projects.

As you will see in the information included in this submission, WVSU is a legacy client of our firm for whom we have designed nearly every significant facility on their campus dating back to the early 1920s. Some of these earliest design commissions included projects that have served their students for almost a century. In recent years, we have continued serving the University on the design and delivery of the new D. Stephen and Diane H. Walker Convocation Center and the Gregory V. Monroe Athletic Complex. In addition to be selected to lead the most recent and significant new construction projects on campus, Silling and our engineering partners have held a continuing service contract with WVSU for over twenty years. Our team has been honored to collaborate with the administration and facilities' staff in the design of ongoing maintenance projects throughout the campus – partnering on projects both large and small as stewards of WVSU built assets. We would be honored to continue our service to you for these much-needed improvements to Cole Complex, Hill Hall, and Student Union, for which our team has completed various improvement projects over the years—including the award-winning addition and renovation project to the Wilson Student Union in the early to mid-2000s.

We appreciate your recognition that qualification is the most important aspect in selection of the right design team for this project, and we have crafted a very straightforward submission to address your stated evaluation criteria, with the sincere hope that we can have more time to discuss our approach to this project in a personal interview.

Our team's primary mission for this project is to guide the University through the planning and design process to deliver well-designed building improvements that realizes your vision and meets all project goals. We believe the combination of our firm's vast experience on campus, our existing understanding of all three buildings' infrastructure, and our proven expertise with roof replacements makes us uniquely qualified to work with you on these critical improvement projects. Thank you for reviewing our qualifications and we hope to have the opportunity to meet in person to discuss this project in greater detail.

Respectfully Submitted,



**Jody S. Driggs, AIA, NCARB**  
President  
jdriggs@silling.com



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# 1 / Firm Profile



H. RUS WARNE

WARNE, TUCKER, & PATTESON

SILLING ARCHITECTS



SILLING ASSOCIATES

WARNE, TUCKER, SILLING, & HUTCHINSON

C.E. SILLING & ASSOCIATES

TUCKER & SILLING



## Firm Profile

**SILLING ARCHITECTS**

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### YEARS IN BUSINESS

122

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### PRINCIPALS

Jody Driggs, AIA, NCARB

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### LOCATIONS

Charleston, WV  
Orlando, FL

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### STAFF SIZE

22

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### WEBSITE

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

With award-winning expertise in diverse and specialized markets nationwide, our goal is to **inspire** and **empower** the lives, neighborhoods, and communities that encounter our work.

Silling Architects is a design-oriented architectural, planning, and interiors firm that is intensely committed to passionate service and a comprehensive response to our clients' distinct needs. We are fascinated with the study of place and time, informing a design process that adds relevance and meaning to our clients' stories. We are a legacy architectural firm with beginnings back in 1902, decades of service to seven generations of West Virginians and showcase a rich variety of building types where we live, work, and play.

At Silling, we place an extraordinarily high value on client and stakeholder relationships. We understand, at depth, the design and construction process and the untold number of participants involved in conceiving and executing a highly successful project. Managing the process is paramount to design excellence. Our clients find that we both listen and internalize; we both lead and follow; we are both innovative and practical; we respect the constraints of budgets and the demands of schedules, while passionately pursuing meaningful design solutions.

**SILLING**  
ARCHITECTS





Proudly serving the campus of West Virginia State University for nearly 100 years.

Justice & Gvmt | Live/Work/Play | Cultural | Education | Health & Wellness

*The only undefeated college men's basketball team in the country was  
1947-48 West Virginia State College  
Head Coach Mark Catlow  
Assistant Coach Floyd Brown  
Wallace Simons, Robert Wilson, William West, Ed Lloyd  
Tom, Cliff Ransbury, Frank Eby, Russell Hildreth, William Eby  
Fred Sherman, McGinnis, George H. H. Hardy, Charles Stewart  
WV State's undefeated 1947-48 team*

CHARLESTON, WV + ORLANDO, FL

# Consulting Team

## OUR COLLABORATIVE PARTNERS

Our team of consultants represents the most competent and capable firms in their respective disciplines, and each has a strong history of delivering exceptional services to West Virginia State University and various other higher education clients throughout West Virginia. We have grown accustomed to their responsive design solutions and continue to hire each of these consultants due to the level of principal involvement and professional care they deliver.

### **SCHEESER BUCKLEY MAYFIELD (SBM)**

MEPT Engineering

SBM 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 our clients throughout West Virginia & beyond. SBM has been the MEP engineer of choice for Silling for over two decades serving a great multitude of projects totaling well over three million square feet of construction. Together, we provide a long and successful history of project collaboration and professional service that ensures a highly technical, yet seamless integration of architecture and engineering systems design.

### **SMBH**

Structural Engineering

SMBH will provide structural engineering services for the team. Our firms have been collaborating on projects for over thirty-eight years, and they've proven to be a tremendous professional resource and teammate throughout each and every design commission. SMBH has served an impressive list design projects throughout West Virginia, Ohio, and beyond. They are highly-regarded for providing professional structural engineering services and documents known for their constructability, attention to detail, and efficiency.

### **TERRADON CORPORATION**

Civil Engineering + Landscape Architecture

Terradon provides a wide range of land development and civil engineering services, and is particularly suited to serve the project given their years' of successful experience serving governmental, educational, commercial, and recreational projects throughout West Virginia. Terradon provides a wide variety of engineering, environmental, surveying, and landscape architecture services utilizing cost effective design solutions and providing the highest level of service to our clients.



# 2 / Resumes



# Team Organization



## WEST VIRGINIA STATE UNIVERSITY

### Project Leadership

**Jody Driggs, AIA**  
Principal in Charge  
*Silling Architects*

### Architecture + Interiors Team

**Marie McCauley, AIA**  
Project Manager  
*Silling Architects*

**Martin Klapproth, Assoc. AIA**  
Building Envelope Designer  
*Silling Architects*

**Glenn Savage, CSI, CDT**  
Construction Administrator  
*Silling Architects*

### MEP, Structural, Land Development, & Cost Estimating

**Chad Montgomery, PE, LEED AP**  
Principal Mechanical Engineer  
*SBM*

**Jim Eckman, PE, LEED AP**  
Principal Electrical Engineer  
*SBM*

**Joe Harless, RCDD**  
Senior IT Systems Designer  
*SBM*

**Greg Barsch, PE**  
Senior Structural Engineer  
*SMBH*

**Greg Fox, RLA, LEED AP**  
Land Development Director  
*Terradon*

# Jody Driggs AIA, NCARB

## PRINCIPAL IN CHARGE

Jody is a twenty-six year member of Silling Architects and has served as a Principal since 2001. His primary focus within the firm is instilling a special notion of service and care in the way that we practice, rooted in a humility responsive to the level of trust our clients have in us. Jody's desire to serve exceptionally is a driving force in the studio's constant efforts of innovation and improvement. Jody also serves as an active design architect and project manager and appreciates the firm's opportunities to develop solutions for a diverse and ever-expanding client base. He seeks to understand the people within each project, and the stories that project means to tell, in order to customize a design team and engage in a discourse unique to every opportunity. The variety of both building typologies but more importantly, architectural language and character, are evidence of his and the firm's approach to client-centeredness and critical design.



### EDUCATION

Bachelor of Architecture  
University of Tennessee, 1996

### REGISTRATIONS

Registered Architect: WV, FL, MD, PA, VA,  
KY, OH

### AFFILIATIONS

American Institute of Architects (AIA)  
National Council of Architectural  
Registration Boards (NCARB)  
AIA Academy of Architecture for Justice

## RELEVANT EXPERIENCE

### **D. Stephen and Diane H. Walker Convocation Center West Virginia State University**

New 1,300-seat collegiate arena addition to an existing historic athletic and academic building. The project included 70,000 square feet of additions and renovations to meet the needs of modern-day teaching, learning, recreation, and varsity competition.

### **Gregory V. Monroe Athletic Complex West Virginia State University**

New 5,600 square foot, two-story training and office facility that primarily houses the varsity football locker room, weight training, instructional, and administrative spaces for the coaching staff.

### **Judge Damon J. Keith Scholars Hall West Virginia State University**

New 291-bed privately-developed residence hall that features a mix of two, three, and four-bedroom semi-suites, a 140-seat meeting room, a café, and student collaboration spaces.

### **Campus Master Plan West Virginia State University**

2006 Campus Master Plan to address the significant growth opportunities of the University, the Land Grant Institute and West Virginia State Community and Technical College.

### **James C. Wilson Student Union Additions & Renovations West Virginia State University**

New 291-bed privately-developed residence hall that features a mix of two, three, and four-bedroom semi-suites, a 140-seat meeting room, a café, and student collaboration spaces.

### **John Marshall High School Glen Dale, WV**

Multi-phased reimagining of an educational campus including over 235,000 square feet of additions and renovations. The project features sweeping changes to address identity and safety, as well as teaching and learning spaces in both academic and social constructs.

### **Kanawha County Public Library Charleston, WV**

Expansion and renovation of a downtown historic public library. The project included a 20,000 square foot modern addition and 80,000 square feet of renovations, exterior restoration, and new exterior lighting.

### **Monongalia County Justice Center Morgantown, WV**

Adaptive reuse of a former GSA post office and office building, converting the 84,000 square foot, 4-level building into a new judicial facility. The project included all new HVAC, electrical, plumbing, elevators, and roofing systems.

### **Martinsburg City Hall Martinsburg, WV**

Exterior façade re-design and interior renovations to an existing two-story, 22,000 square foot city hall. The program includes space for City's planning, finance, development, human resources, and administrative departments.

# Marie McCauley AIA

## ARCHITECT + PROJECT MANAGER

Marie is a registered architect that consistently pushes for innovative, user-focused design solutions. With over 15 years of experience, she has been serving a multitude of projects for our justice, civic, health + wellness, and educational clients. As a project manager, she collaborates with staff and consultants throughout the design process, maintains day-to-day project coordination and communication, and is responsible for architectural design and detailing. Both clients and coworkers appreciate Marie's aptitude for organization, clear communication, and team building.



### EDUCATION

Bachelor of Architecture  
University of Tennessee, 2007

### REGISTRATIONS

Registered Architect: WV

### AFFILIATIONS

American Institute of Architects (AIA)  
AIA Academy of Architecture for Justice  
AIA WV - President (2022-2023)

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## RELEVANT EXPERIENCE

### **Greenbrier County Courthouse Lewisburg, WV**

A 25,180 square foot, 3-level addition to an existing historic courthouse, including 35,840 square feet in comprehensive building renovations. The 2-phased project provides for a new county administration wing while also consolidating all court functions under one roof.

### **Jackson County EMS Station 403 Kenna, WV**

New 3,800 square foot EMS station featuring a two-car apparatus bay, living quarters, kitchen and laundry, and four bedrooms.

### **Cabarrus County Courthouse Concord, NC**

New 240,000 square foot courthouse, as well as 72,000 square feet in existing facility renovations, four Superior Court jury-capable courtrooms, six District Court courtrooms, two future courtrooms, and a 45,000 square foot shell space for future expansion.

### **Greenbrier County Health Department Lewisburg, WV**

Renovations to an existing 8,000 square foot county health department, as well as new additions totaling 2,400 square feet.

### **Harrison County General Administrative Services Annex Clarksburg, WV**

New 72,000 square foot, four-level administration building serving the county's County Clerk, Assessor, Sheriff's Tax, Planning, Community Corrections, IT, and County Commission departments.

### **Marshall County Health Department Moundsville, WV**

New 18,500 square foot health department featuring clinical and dental care service spaces, clinical administration and offices, environmental health, large storage rooms, a community training/meeting room, and drive through testing area.

### **Jackson County Animal Shelter Ripley, WV**

A new 6,600 square foot animal shelter designed to facilitate and maximize pet adoptions. The facility features a spacious public lobby with a meet-and-greet room, cat adoption room, dog adoption kennels, separate quarantine rooms, and sallyport.

### **Russell County Courthouse Lebanon, VA**

Additions and renovations to an existing historic courthouse totaling 68,000 square

feet. The expansion project serves the county's Circuit, Juvenile & Domestic Relations, and General District Courts, as well as the Commonwealth's Attorney.

### **Marshall County Courthouse Entry Addition, Security Upgrades, and Building Renovations Moundsville, WV**

Expansion of the courthouse entry to provide for greater security screening and queuing space. The \$6.6 million project also includes comprehensive HVAC and electrical system upgrades.

### **Marshall County EMS Station Moundsville, WV**

Renovations to an existing 9,500 square foot building purchased by the county and converting it into modern EMS facility.

### **Union County Courthouse Multiple Addition & Renovation Projects Marysville, OH**

Multiple improvement projects including a new courthouse entry addition for improved entry security screening, as well as various renovation projects for the Prosecuting Attorney, Auditor's Office, and Engineering Office.



## Martin Klapproth Associate AIA

**SENIOR BUILDING ENVELOPE DESIGNER**

**SILLING ARCHITECTS**

Martin is a senior architectural designer with over 30 years of experience serving a broad group of building typologies with a focus on building envelope design, building sciences, and the firm's design software technologies. This specialized expertise allows him to bring a balanced approach of design and technical perspective to his projects, integrating building systems and performance criteria into design solutions that provide clients with thoughtful, comfortable, durable, and healthy buildings.

### YEARS EXPERIENCE

30+

### EDUCATION

Bachelor of Architecture  
University of Cincinnati, 2003

### AFFILIATIONS

American Institute of Architects  
AIA Academy of Architecture for  
Justice

### PROJECT EXPERIENCE

WVSU D. Stephen and Diane H. Convocation Center - Institute, WV  
WVSU Gregory V. Monroe Athletic Complex - Institute, WV  
WVSU Dickerson Stadium Entrance & Ticket Office - Institute, WV  
Concord University Alexander Fine Arts Building Roof Replacement - Athens, WV  
Concord University Towers Residence Hall Renovations - Athens, WV  
Martinsburg City Hall Renovation - Martinsburg, WV  
Kanawha County Public Library Addition & Renovations - Charleston, WV  
WVU/Thomas Hospitals St. Francis Orthopedic Hospital - Charleston, WV



## Glenn Savage CSI, CDT

**CONSTRUCTION ADMINISTRATOR**

**SILLING ARCHITECTS**

Glenn has over 30 years of experience of inspecting and administering construction projects. His diverse expertise in construction oversight includes educational, governmental, healthcare, recreational, and residential building types. His attention to detail and his thorough understanding of how buildings should go together give him strong construction administration abilities. He is responsible for maintaining the project schedule, clear communication with builders and facilitating pre-construction meetings to provide clear definition of project goals and owner expectations, contractor submittal reviews, product samples, and shop drawings for conformance to the contract drawings and specifications.

### YEARS EXPERIENCE

31

### EDUCATION

-Bachelor of Science  
University of Charleston, 1997  
-Associate of Science, West  
Virginia State University, 1992

### PROJECT EXPERIENCE

WVSU Davis Fine Arts Center Roof Replacement Study - Institute, WV  
WVSU President's House Roof Replacement - Institute, WV  
WVSU Cole Complex HVAC Replacement - Institute, WV  
WVSU Hill Hall HVAC Replacement - Institute, WV  
WVSU Ferguson Hall HVAC Replacement - Institute, WV  
WVSU Hamblin Hall HVAC Replacement - Institute, WV  
WVSU Ferrell Hall HVAC Replacement - Institute, WV  
WVSU Davis Fine Arts Center HVAC Replacement - Institute, WV  
WVSU Canty House Roof Replacement - Institute, WV  
Kanawha County Public Library - Charleston, WV





## Jim Eckman PE, CBCP, LEED AP

**PRINCIPAL ELECTRICAL ENGINEER**

**SBM**

For 35 years, Jim has been actively engaged in the electrical design and project management of hundreds of healthcare, secondary and higher education, institutional and commercial projects throughout Ohio and West Virginia. These projects include new construction, additions and renovations, design-build, and design performance criteria packages. His experience as both a contractor and consultant provide valuable insight into the design and construction process.

### YEARS EXPERIENCE

35

### EDUCATION

The University of Akron  
BSEE, Electrical  
Engineering, 1984

### REGISTRATIONS

Engineer: WV, OH, IN,  
NC, PA

### PROJECT EXPERIENCE

WVSU D. Stephen and Diane H. Convocation Center - Institute, WV  
WVSU Gregory V. Monroe Athletic Complex - Institute, WV  
WVSU Cole Complex HVAC Replacement - Institute, WV  
WVSU Hill Hall HVAC Replacement - Institute, WV  
WVSU Ferrell Hall HVAC Replacement - Institute, WV  
Kent State University Ice Arena Band Rehearsal Facility - Kent, OH  
Kent State University White Hall Renovations - Kent, OH  
Kent State University Bowman Hall HVAC Renovation - Kent, OH  
The University of Akron Polsky Art Center - Akron, OH  
Putnam County Sheriff's Department - Winfield, WV



## Chad Montgomery PE, LEED AP, HFDP, BCxP

**PRINCIPAL MECHANICAL ENGINEER**

**SBM**

Chad joined SBM in 1997 and has served as a design project manager and lead mechanical engineer on a wide variety of projects. He has extensive experience in all aspects of the design of mechanical systems for buildings, including advanced HVAC, plumbing, and fire protection systems. He also acts as the project manager for his projects within the office, coordinating the design team's efforts to ensure a quality project, with emphasis on design deadlines and construction budgets.

### YEARS EXPERIENCE

27

### EDUCATION

Ohio Northern University  
BSME/1997  
Mechanical Engineering

### REGISTRATIONS

Engineer: NC, WV, OH, NY,  
PA, FL

### PROJECT EXPERIENCE

Bowling Green State University Kohl & McDonald Halls HVAC - Bowling Green, OH  
Case Western Reserve University Eldred Theater Hall Renovations - Cleveland, OH  
Kent State University Ice Arena Band Rehearsal Facility - Kent, OH  
Kent State University Bowman Hall HVAC Renovation - Kent, OH  
Kent State University Dining Hall Air System Study - Kent, OH  
Kent State University Trumbull Hall AHU Replacement - Kent, OH  
Charleston Public Safety Center Study - Charleston, WV  
Martinsburg City Hall Renovations - Martinsburg, WV  
Putnam County Sheriff's Department - Winfield, WV  
Marshall County Courthouse Expansion & Renovation - Moundsville, WV





## Joe Harless RCDD

**SENIOR IT SYSTEM DESIGNER**

**SBM**

Joe joined SBM in July of 2002 as the Senior Telecom Designer and is responsible for managing all of the information technology systems designs produced by the firm. Modern buildings and businesses demand extensive information technology equipment and wiring which must be integrated into the design of the entire facility. Joe is the key person at SBM who coordinates these design requirements with our electrical and mechanical staff to ensure that the information technology equipment and wiring designs meet the current and future needs of their clients.

### YEARS EXPERIENCE

31

### REGISTRATIONS

Registered Communications  
Distribution Designer (RCDD), 1997

### PROJECT EXPERIENCE

WVSU D. Stephen and Diane H. Convocation Center - Institute, WV

WVSU F. Ray Powers Research Lab Renovation - Institute, WV

Concord University Towers Residence Hall Renovations - Athens, WV

Putnam County Sheriff's Department - Winfield, WV

Monongalia County Justice Center - Morgantown, WV

Marshall University Wellness Center - Huntington, WV

Kent State University White Hall Renovation - Kent, OH

Kent State University Center for the Visual Arts - Kent, OH

Kent State University Design Innovation Hub - Kent, OH



## Greg Barsch PE

**SENIOR STRUCTURAL ENGINEER**

**SMBH**

Greg has been employed with SMBH since November of 2013. During this time, he has collaborated on many complex and creative projects to create designs that are not only practical and economical but also dramatic and exciting. Greg has used the latest computer programs and structural modeling techniques along with traditional engineering methods and experience to create these designs in both a timely and a thorough manner. His experiences in a wide variety of projects and in the construction field have given him the ability to adjust and excel in various design situations.

### YEARS EXPERIENCE

29

### EDUCATION

Bachelor of Science  
Civil Engineering  
Youngstown State University

### REGISTRATIONS

Engineer: OH, WV

### PROJECT EXPERIENCE

Ohio University Scripps Hall Renovation - Athens, OH

Kanawha County Public Library Addition & Renovation - Charleston, WV

Kanawha County Judicial Building Addition & Renovation - Charleston, WV

Ohio State University Ice Arena - Columbus, OH

Wheeling Hospital Cooling Tower - Wheeling, WV

Marshall County Health Department - Moundsville, WV

Edwards Roof & Deck - Powell, OH

WV Governor's Mansion Elevator Improvement - Charleston, WV



## Greg Fox RLA, LEED AP

**LAND DEVELOPMENT DIRECTOR**

**TERRADON**

Greg oversees Terradon's Land Development Sector and has been responsible for hundreds of notable commercial, educational and recreational site development projects during his 25+ year career. During his time as Land Development Department Head, Terradon has earned Engineering Excellence Awards from the West Virginia Association of Consulting Engineers, numerous Merit Awards from the American Society of Landscape Architects, and the Gold Award from the American Council of Engineering Companies.

### YEARS EXPERIENCE

35

### EDUCATION

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

### REGISTRATIONS

Landscape Architect: WV, OH,  
NC, SC, PA, VA

### PROJECT EXPERIENCE

WVSU Judge Damon J. Keith Scholars Hall - Institute, WV

WVSU F. Ray Powers Building Renovation - Institute, WV

WVSU new Greenhouse Complex - Institute, WV

WVSU Lakin-Ray Field at Dickerson Stadium - Institute, WV

WVSU Various Campus Utility Upgrades - Institute, WV

Marshall University Applied Engineering Complex - Huntington, WV

Marshall University Student Recreation Center - Huntington, WV

Kanawha County Public Library - Charleston, WV

Putnam County Sheriff's Department - Winfield, WV



## Jim Nagy PE

**SENIOR CIVIL ENGINEER**

**TERRADON**

As a Senior Engineer at Terradon, Jim's primary focus is on designing civil engineering projects for public and private development projects throughout West Virginia. Jim specializes in the design of water distribution systems as well as sewage collection systems, and 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.

### YEARS EXPERIENCE

48

### EDUCATION

B.A. Civil Engineering  
West Virginia University

### REGISTRATIONS

Engineer: WV

### PROJECT EXPERIENCE

Harrison County General Administrative Services Annex - Clarksburg, WV

Cava Development - Bridgeport, WV

South Charleston Fire Station No. 3 - South Charleston, WV

South Charleston Fire Station No. 5 - South Charleston, WV

Harmony at White Oaks Assisted Living/Memory Care Center - Bridgeport, WV

West Virginia State Police - Fairmont, WV

# 3 / Relevant Experience



# WVSU Walker Convocation Center

INSTITUTE, WV



## SCOPE

70,000 SF  
Additions &  
Renovations

## COST

\$17.3 million

## STATUS

Completed in 2014

## CONTACT

Sean Loyd  
Athletic Director  
WV State University  
1.304.766.3000

Built on the southern end of West Virginia State University's formal quad, Fleming Hall has long served as the primary venue for indoor athletics in addition to the academic needs of multiple departments since 1941. The original structure housed the campus's only gymnasium, a natatorium, academic classrooms, administrative offices, and related support space. Although serving faithfully the family of this HBCU for over seventy years, Fleming Hall would fall victim to failing building systems, dated finishes, and poor functionality in meeting the needs of modern day teaching, learning, recreation, and varsity competition. With a strong commitment from the University administration, Fleming Hall would be identified as a historic anchor of the physical campus to be preserved and enhanced, allowing for a continuation of service excellence to its students and equipping the institution in meeting its' vision for dynamic growth.

The new D. Stephen and Diane H. Walker Convocation Center opened on March 1, 2014 and, in addition to having fully renovated classrooms, offices and locker rooms, the project features a new 1,300-seat arena addition for intercollegiate basketball and volleyball while also serving as the University's premier space for commencement and convocation ceremonies and other campus-wide gatherings. The primary space of the addition, the new convocation center and arena incorporates the finest of materials and systems, cleanly ordered and executed in the bold colors of the University. Together with dramatic athletic lounges, locker rooms, classrooms, and training facilities, the renovated and new facilities place WVSU at the top of its' conference among peer institutions and marks a bold new future for this 1891 Land Grant Institution in Southern West Virginia.

**AWARDS:** AIA WV Merit Award for Achievement in Architecture

**SILLING**  
ARCHITECTS



# WVSU Monroe Athletic Training Complex

INSTITUTE, WV



## SCOPE

5,600 SF  
New Construction

## COST

\$3.5 million

## STATUS

Completed in 2014

## CONTACT

Sean Loyd  
Athletic Director  
WV State University  
1.304.766.3000

In 2014, West Virginia State University broke ground on this new \$3.5 million Athletic Complex located adjacent to Lakin Field at Dickerson Stadium, home of the Yellow Jackets football team. This facility is sited just beyond the West end zone and primarily houses the varsity football locker room, weight training, instructional, and administrative spaces for the coaching staff. However, the training component of the program also serves all student athletes within the athletic department.

The design of the building provides a two-story building massing stretching from sideline to sideline and creates an impressive backdrop for practices and games, as well as the celebration of competition among students, faculty, and guests. A large, glazed main façade allows for openness of meeting rooms and weight training spaces on the first floor and all coaches offices at the upper level. A central entry portal provides dramatic connectivity to the playing field and serves as the gateway between preparation and execution. State of the art audio-visual and weightlifting equipment coupled with engaging architectural and interior design serves to hone the minds and bodies of WVSU's student athletes and create a platform for competitive success and institutional pride.





## SCOPE

46,000 SF  
Additions &  
Renovations

## COST

\$4.3 million

## STATUS

Completed in 2005

## CONTACT

Jerry Miller  
Union Director  
WV State University  
1.304.766.3000

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

The design solution includes three key additions to the structure: a two-story entrance element that addresses the formal campus lawn and pedestrian plaza, a one-story entrance element that addresses the commuter parking area and reorganizes / reorients service deliveries at the loading dock, and a two-story circulation element that provides accessible vertical connection between the basement and main floor levels. Additionally, extensive interior demolition and renovations carve a dynamic streetspace through the facility, connecting the commuter students to the campus center, facilitating multiple events of activity and services, and creating an informed path. The new additions emphasize and draw users into the axial streetspace system and work, in their construction and use of glazing, to bring the exterior public spaces into the facility and stretch the interior public space out into the larger campus network. The palette of materials, while closely relating to those of the existing structure, are assembled in a slightly different way and attempt to speak to the young person of the twenty-first century.

**AWARDS:** AIA WV Merit Award for Achievement in Architecture





MAIN FLOOR LEVEL



UPPER FLOOR LEVEL



LOWER FLOOR LEVEL

- BOOKSTORE & RETAIL
- CLASSROOMS / COMPUTER LABS
- STUDENT CAFE / DINING
- STUDENT SERVICES
- CYBER CAFE
- INFORMATION DESK
- RESTROOMS / LOCKER
- FITNESS / WEIGHT ROOM
- STUDENT GAME ROOM
- HEALTH & WELLNESS CLINIC
- STUDENT GOVERNMENT
- UPPER STUDENT LOUNGE
- LOADING DOCK
- MULTIPURPOSE ROOM & LARGE ASSEMBLY



# WVSU Judge Damon J. Keith Scholars Hall

INSTITUTE, WV



\* Silling was not the Designer or Architect of Record. We were selected by the development team to provide construction period assistance.

## SCOPE

New Construction  
291 beds

## COST

\$17 million

## STATUS

Completed in 2017

## CONTACT

Greg Blais, President, RISE  
1.229.244.2800

In the Fall of 2012, Silling Architects provided construction administration services in collaboration with Ambling University Development Group (now known as RISE), design architect Niles Bolton Architects, Choate Construction, and Pray Construction on a new privately-developed residence hall for West Virginia State University.

The resulting concept was greatly informed by the proposal direction of collegiate gothic architectural context of the history campus fabric while delivery modern housing unit types to serve 291 students. It features a mix of two, three, and four-bedroom semi-suites, a 140-seat meeting room, a café, and student collaboration spaces.

With great sensitivity to materiality, scale, and detail, the proposed design becomes a supportive structure situated along the formal campus quad and reinforces a distinct cohesiveness and uniformity of architectural character. Designed to stand the test of time, durability and life-cycle costs couple with a notion of planning to serve an ever growing demand for private suite and apartment-style units to deliver a truly state of the art facility.



NORTH ELEVATION



LEVEL 1



LEVEL 2



LEVEL 3

LEGEND

Blue	1 BED APT.
Light Blue	2 BED APT.
Light Green	2 BED APT. HC
Light Yellow	2 BED SUITE
Yellow	2 BED SUITE HC
Orange	3 BED SUITE
Dark Orange	4 BED SUITE
Grey	4 BED SUITE HC

2 BED SUITE	6
3 BED SUITE	2
4 BED SUITE	15
4 BED SUITE HC	2
<b>TOTAL UNITS</b>	<b>25</b>



LEVEL 4



# West Virginia State University

## ADDITIONAL PROJECTS



**DAVIS FINE ARTS CENTER**  
Roof Replacement Study



**FERRELL HALL**  
HVAC Replacement



**HAMBLIN HALL**  
HVAC Replacement



**JAMES C. WILSON STUDENT UNION**  
HVAC Replacement



**COLE COMPLEX**  
AHU Replacement



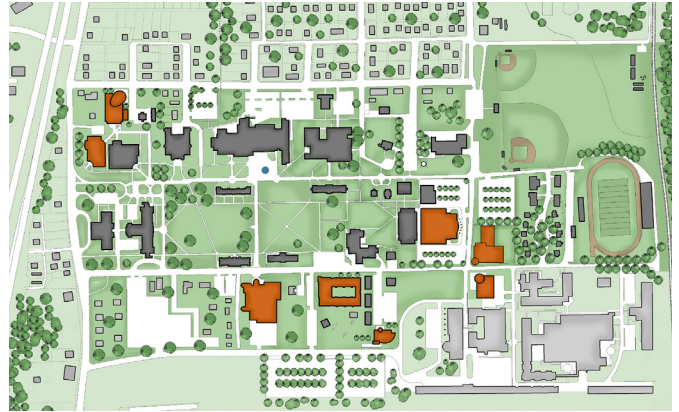
**HILL HALL**  
Steam Boiler

# West Virginia State University

ADDITIONAL PROJECTS



**DICKERSON STADIUM**  
Entry & Ticket Booth



**CAMPUS MASTER PLAN**  
Master Planning



**DRAIN JORDAN LIBRARY**  
HVAC Replacement



**CANTY HOUSE**  
Roof Replacement



**WALLACE HALL**  
Roof Replacement



**SULLIVAN HALL**  
Elevator Equipment Room & Fire Alarm Panel

# West Virginia State University

## ADDITIONAL PROJECTS



**PRESIDENT'S HOUSE**  
Roof Replacement & Arbor Design



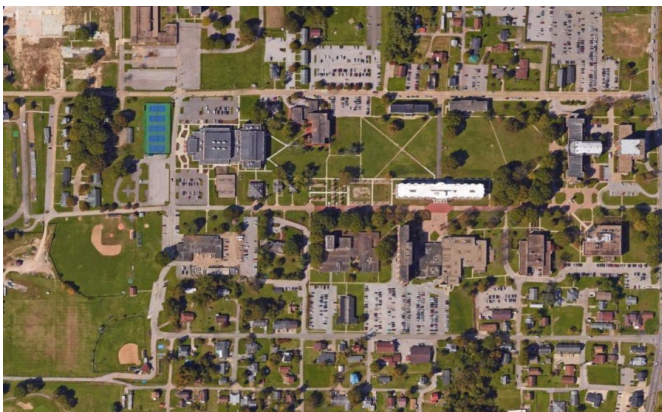
**JAMES C. WILSON STUDENT UNION**  
Roof Replacement



**WALLACE HALL**  
Boiler Replacement



**AFRICAN ZION BAPTIST CHURCH**  
Historic Preservation



**CAMPUS SITE INFRASTRUCTURE**  
Electrical Site Upgrades



**F. RAY POWERS RESEARCH LAB**  
Renovations

# K-12 & Higher Education

## ADDITIONAL RENOVATION PROJECTS



### CONCORD UNIVERSITY

Marsh Library Roof Replacement, HVAC, & Envelope



### CONCORD UNIVERSITY

Marsh Hall Roof Replacement & Building Envelope



### CONCORD UNIVERSITY

Student Union Roof Replacement



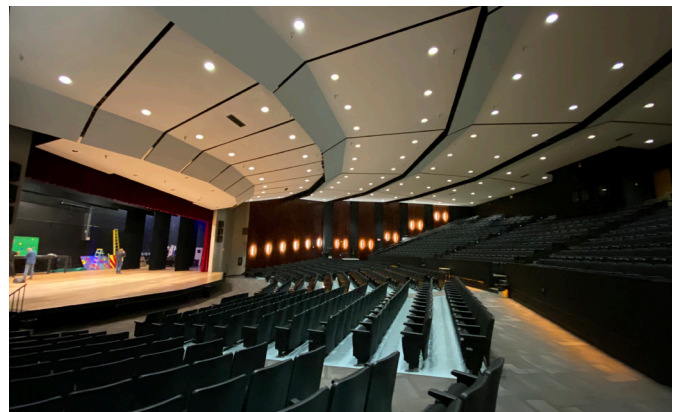
### CONCORD UNIVERSITY

Roof Replacement



### MARSHALL UNIVERSITY

Edwards Performing Arts Center HVAC Replacement



### JOHN MARSHALL HIGH SCHOOL

Theatre Renovations & Audio-Visual System

# Additional Roof Replacements

TEAM EXPERIENCE



**ROANE COUNTY COURTHOUSE**  
Roof Replacement



**KANAWHA COUNTY PUBLIC LIBRARY**  
Roof Replacement



**MARTINSBURG CITY HALL**  
Roof Replacement



**MONONGALIA COUNTY JUSTICE CENTER**  
Roof Replacement



**PUTNAM COUNTY JUDICIAL BUILDING**  
Roof Replacement



**PUTNAM COUNTY COURTHOUSE**  
Roof Replacement



# John Marshall High School

GLEN DALE, WV



## SCOPE

238,000 SF  
Additions &  
Renovations

## COST

\$36 million

## STATUS

Completed in 2017

## CONTACT

Michael Hince  
Superintendent  
1.304.843.4300

Building on a legacy of innovative secondary education delivery and incredible community and alumni pride, the John Marshall High School Additions and Renovations project represents a transformational architectural design solution supporting a more relevant pedagogy to propel a school and its students into the modern era of learning.

The multi-phase reimagining of the campus includes all of the original facility's 238,000 square feet and features sweeping changes to address identity and safety as well as teaching and learning spaces in both academic and social constructs. Additions to the buildings include a new 3-story main entrance with relocated administrative offices providing visual and physical control for students and visitors, a new secondary entrance to serve the performing arts and athletics building, and a new 2-story circulation element bringing together the disconnected educational spaces. Extensive interior renovations of the main academic building allow for a larger, singular cafeteria/social commons and a modern food court serving space adjacent to a new research and media center to become the nucleus of the primary building level, surrounded by fully renovated and departmentally reorganized classrooms. The upper floor's transformations include the reconstruction of new STEM lecture and laboratory spaces at the center core and supported by a perimeter of more traditional teaching spaces. A strong vocational and technology curriculum tailored to the region's workforce informs the renovations of the building's lower level.

**AWARDS:** AIA WV Citation Award for Achievement in Architecture Renovation



# Kanawha County Public Library

CHARLESTON, WV



## SCOPE

80,000 gsf  
Additions &  
Renovations

## COST

\$25 million

## STATUS

Completed in 2022

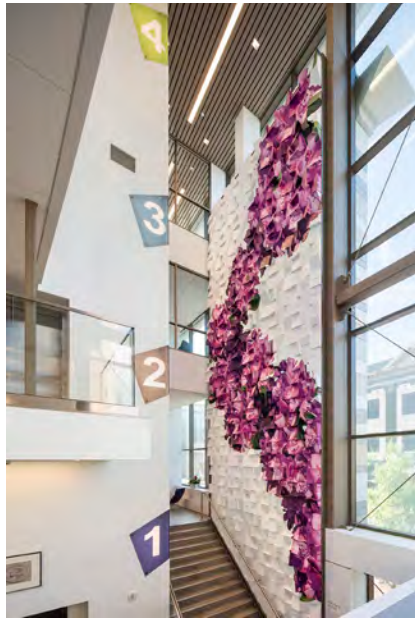
## CONTACT

Monika Jaensson  
President  
KCPL Board of Directors  
1.304.357.9924

The design team of Silling and HBM Architects have “reimagined” Kanawha County’s historic downtown library, providing a dynamic transformation that features fully renovated existing space, 20,000 square feet of new space, and beautifully sculpted glass walls reaching to the sky, creating a 21st century library that will serve our region for decades to come. This new main library building will allow Kanawha County’s library system to provide more efficient services to its nearly 117,000 card holders.

The new library building will feature a total of 80,000 square feet of space: 60,000 square feet fully renovated and 20,000 square feet of expanded space, two new additions including a three-story addition to what is now the rear of the library that will serve as the new entrance to the building, as well as a two-story addition utilizing space along an alley between the library and the KB&T building. A third floor covered walkway above Quarrier Street will take library patrons from the Summers Street Parking Garage to the library. The project will provide approximately 10,000 square feet of children’s activity space, more than double the current size, for collections, story time, a craft room, and other activities. More public space for the community, including much needed and often-requested reading areas, study rooms and flexible meeting space for groups of 2 to 200 are also incorporated into the design.

By renovating and expanding its century-old space, the Kanawha County Public Library will revive an iconic landmark in downtown Charleston and bring an exciting, fresh, new space to serve as the community’s gathering place.



# 4 / Our Approach





## Our Project Approach

### PROJECT MANAGEMENT

Silling approaches each project by assigning a Project Principal, who personally monitors all aspects of the project. In many cases, including the more complex and demanding projects, this same principal will be responsible for the day-to-day management tasks. The firm is extremely careful not to exceed its workload capabilities in order to assure the “hands on” organization desired by the principals, as well as to maintain the ability to meet client schedules.

In addition to the project principal, each project is assigned a project manager, project architects, production personnel, and additional support staff in accordance with scope requirements. In-house reviews are regularly conducted to assure that all schedules and milestone dates are met. All programming, design development, and contract documents are thoroughly re-examined as a basic procedure of the firm's quality assurance/quality control program. Furthermore, specialized resources and capabilities of the firm include an in-house construction period service manager.

Silling Architects is diligent in its effort and commitment to provide its clients with design solutions that are functional and aesthetically enlightening while remaining within the limitations of project budgets. Silling utilizes a multi-step approach to managing the design response to meet project budgetary requirements. This approach includes several steps: assessment of the owner/user program requirements relative to the budget, evaluation of building code and other regulatory concerns, estimation of budget impact due to unforeseen conditions and circumstances based upon prior similar experience, and continuous value engineering during all design and construction document phases. Construction cost estimates are routinely developed utilizing in-house resources, collaboration with local construction experts, or through professional cost estimating consultants. If the construction estimate at any phase exceeds the project construction budget, the scope of work is evaluated and, if necessary, adjusted accordingly. Silling has a consistent history of meeting project budget requirements and providing the owner/user with the greatest value for their investment.



Likewise, the experienced senior staff at Silling control the design phase schedule through careful planning of design phase tasks. A design and construction documents schedule, similar to a contractor's critical path construction schedule, is created for every project. Project design, management, and delivery progress is monitored using a proven Project Review System that tracks the actual design schedule against the projected schedule so that course corrections, if needed, can be made effectively. Project Review results are shared with the client at regularly scheduled meetings. Silling values meticulous project management and careful construction documentation; this ensures that all documents, at every phase of the project, will be delivered on schedule.

### **PROJECT PHASING & BUILDING OPERATIONS**

Renovations to any academic building can be challenging, and the University must often remain operational during the construction period while ensuring the safety of the students, faculty, and staff. We'll work closely with the staff at WVSU, as well as the Fire Marshal, to safeguard any possible disturbances from becoming a disruption to the students and staff.

At the commencement of the project, a thorough building investigation will be conducted by our team

of highly qualified architects and engineers that are experienced in designing roof replacement projects throughout West Virginia. It is important to identify the key roofing systems, equipment, and replacement strategies at this early stage to guarantee the project remains on schedule and budget. All existing conditions will be documented and thoroughly reviewed.

We'll do our best to maximize the owner's resources by investigating sustainable and economical solutions for your project's challenges. The project team, including the University, will be kept in the loop during all phases of design and construction. Thorough and efficient communication between all parties is the key to a successful project.

### **Roof Replacements**

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

the most appropriate systems available in today's construction market.

Similar to every project we undertake, it is important for our design team to communicate with our clients to fully understand project goals, budgets, schedules, and the unique criteria – all coming together to inform design decisions. We would propose to work closely with the University and the Physical Plant staff to document these aspects of the project and foster consensus.

**It is important to note that Silling led the design of the James C. Wilson Student Union addition and renovation project in 2005, as well as roof replacements for Wallace Hall, Fleming Hall, President's House, Canty House, Student Union, and a comprehensive study for the Davis Fine Arts Building's roof replacement.**

Our team is built to include our structural, 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.

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 Concord University's Student Union, Marsh Hall, Science Hall, and Alexander Fine Arts, Fairmont State University's Jaynes Hall, Kanawha County Public Library, Monongalia County Justice







Center, Parkersburg Correctional Center, Huttonsville Correctional Center, Roane County Courthouse, and Putnam County Courthouse, to name a few. In each instance, roof accessibility, rooftop mounted equipment, roof slope and drainage, flashing complexities, and historic or architectural character are balanced with technical performance and budget to yield highly successful roofing improvements.

### **QUALITY ASSURANCE + QUALITY CONTROL**

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 Architects and we believe 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 each of the projects put before us, 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.

### **BUDGET + BID PERFORMANCE**

Our successful track record 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 the University in proper project planning, funding, and implementation. Certainly, no client 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 the University at the initial project steps: developing accurate project estimates at critical design milestones

of 50% and 95% by proven cost 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 at the University and inside the state of WV 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 numerous similar projects has created a database that far exceeds the knowledge base of our closest competitors, and we are certain that this experience would directly inform these roof replacement projects.

### **CONSTRUCTION PHASE SERVICES**

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.

Our Construction Period Services Management team 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.

# 5 / Client References





## Client References

We believe our firm's culture of service permeates everything that Silling does and is what leads to very satisfied clients. Skillful 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 Architects. This is most obvious in the number and references of our many repeat clients across the region.

### **JEREMY YOUNG**

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**SILLING**  
ARCHITECTS

Charleston, WV + Orlando, FL