

EXPRESSION OF INTEREST

ARCHITECTURAL &  
ENGINEERING SERVICES  
FOR WVSU SULLIVAN HALL  
RENOVATION PROJECT







WEST VIRGINIA  
STATE  
UNIVERSITY



**schæfer**



**Edward Tucker  
ARCHITECTS, INC.**

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COVER LETTER







West Virginia State University  
ATTN: Jerry Rush, Director of Purchasing  
500 Fairlawn Avenue  
Ferrell Hall Room 302  
Institute, WV 25112

RE: A & E Services – WVSU Sullivan Hall Renovations – AEOI – 0490 WSC2400000002

Dear Mr. Rush:

Enclosed for the selection committee's consideration is Edward Tucker Architects' Expression of Interest to provide architectural and engineering services for West Virginia State University

The team we have assembled has a long history of collaborating on projects, with extensive experience in higher education facility maintenance and renovation projects.

ETA has a long history collaborating with GAI as landscape architects and civil engineers (over 10 years), Scheeser, Buckley, Mayfield as building system engineers, and Schaefer as structural engineers (over 25 years with each). These firms each bring their own strengths and expertise to the team.

Our team has experience working with WVSU on the successful renovations to the Integrated Research and Extension Building on campus. I believe we are the most qualified and capable firm to assist in this effort. As you can see from our enclosed project experience, we have demonstrated many times our abilities to deliver projects on time and within budget during our 28 years of practice.

We hope to be granted an interview to discuss with you firsthand our commitment to this endeavor. We hope to continue to be the go-to architectural and engineering resource for West Virginia State University.

Sincerely,

EDWARD TUCKER ARCHITECTS, INC.

A handwritten signature in black ink that reads "phoebe p. randolph". The signature is written in a cursive, lowercase style.

Phoebe Patton Randolph, AIA, LEED AP BD+C





FIRM PROFILE &  
CORE VALUES





## FIRM PROFILE

Our firm's reputation was established through high quality design & service delivered by our talented, accomplished professionals.



Edward Tucker Architects, Inc. (ETA) is a full-service, 10 person firm located in Huntington, West Virginia with a heritage dating back to 1910. We provide feasibility & planning services, architecture, interiors and contract administration. Our award-winning, multi-disciplinary staff has expertise in a wide range of facility types for valued public and private clients across the region, including health care, higher education, K-12 academic, industrial, research laboratories, museums, churches, libraries, civic buildings and private commercial projects.

The foundation of our firm is the relationships we build with our clients. Our attention to detail, level of service, and the added value we bring to each project has resulted in many loyal, repeat clients. By respecting each project's unique constraints and opportunities, we provide innovative, responsive, and beautiful architectural design solutions.

Founding principal, Edward Tucker, FAIA, has built a culture of inclusiveness and collaboration since the firm was founded in 1996. The firm includes five architects who are supported by architectural interns, two interior designers, and office administration. Every person in the firm contributes their creativity, knowledge, and expertise to projects. Phoebe Patton Randolph, AIA serves as the managing partner of the firm.

We enjoy collaborating with other design firms and maintain long-standing relationships with a network of accomplished consultants in the fields of civil, structural, mechanical engineering, as well as plumbing and electrical design. We stay completely and continually engaged – from schematic design through construction – ensuring an intelligent, coordinated project experience.

Our firm has a history of commitment to community and economic development in the region where we practice, and where we have chosen to live and raise our families. We believe in the potential of our region, and are dedicated to serving as a resource for smart growth and development through community service.





## CORE VALUES

We believe that innovation is the key to progress. In the right hands, well-designed buildings have the power to change lives.

### **MOTIVATING PEOPLE FOR THE LONG TERM. CREATING A GREAT PLACE TO WORK..**

ETA has very little employee turnover, which is unusual in the design and construction industry. We hire critical thinkers who are energized by new knowledge, concepts, and techniques. Our firm culture emphasizes collaboration, mentoring, and exploration, and while we have extensive experience in some project types, we thrive on new challenges.

### **TEAMING FLEXIBILITY. ALIGNING EXPERTISE AND THE BEST PEOPLE.**

Based on each project's size, type, and complexity, we carefully select the best and most appropriate engineering and consultant team members. Understanding that some projects need design consultants with specific experience, we will partner with other firms when appropriate for optimum results.

### **OPEN COMMUNICATION. "FOR THE COMPANY DIRECTORY, PLEASE DIAL ..."**

We strive to ensure that a real person will always take your call so clients can expect responsive, accessible, and attentive people, not message services. We offer timely, relevant responses to our clients' needs, usually in less than 24 hours. One of our two principals is always available to answer questions, listen to concerns, and discuss projects.

ETA conducts client and project group meetings to explore and identify project design needs. Following design reviews, we share a written record of decisions with team members to ensure that everyone is consistently informed. This communication process ensures a complete record of goals and decisions to guide and evaluate project outcomes.

### **RESPONSIBLE COORDINATION. GETTING IT RIGHT THE FIRST TIME.**

ETA's office structure is much more "horizontal" than typical design firms. Our office culture encourages collaboration at all levels, from exploring design solutions to detailing construction documents. While each team member is responsible for specific elements of work, all team members work together and share responsibility for a project's success. Through close communication and technical expertise, our employees create drawings and specifications that provide a cohesive design for each project site, structure, and systems to guide them successfully from design through construction.

### **CONSISTENT LEADERSHIP FROM BEGINNING TO END. WHEN TEAM MEMBERS CHANGE, PROJECT QUALITY SUFFERS.**

At ETA, once a leadership team is established, it stays in place – from concept through construction to occupancy. Staff may be added to the team, should the project require it, but the core team of principal and project architect will not change. This continuity ensures good communication to maintain the project vision.

### **SPECIALIZED APPROACH: NO TWO PROJECTS – OR CLIENTS – ARE ALIKE. EACH PROJECT DESERVES A UNIQUE, TAILORED DESIGN SUITED TO ITS CIRCUMSTANCES.**

When a firm says it has designed dozens of banks, schools, or clinics, it can mean that the same prototypical designs are being used over and over. At ETA, we thoroughly examine each project's site, context, budget, parameters, and other client needs. These factors define the work to be done. We study design exemplars and conduct research of, or travel to, recently completed facilities to ensure best practices for each project. This pre-design exploration helps establish a common language leading to desirable outcomes.



**AIM WELL.**

**TOO MANY PROJECTS FOLLOW THE ALL TOO FAMILIAR PATTERN OF “READY – FIRE – AIM.”**

ETA works diligently with our clients to question, explore, research, and ultimately reach consensus on project goals and objectives prior to beginning design work. The alignment of goals, planning, budgeting, discovering issues to be resolved, prioritizing, and scheduling all contribute to the pre-design phase. When the target is well defined before the design work begins, a “well aimed” design is much more likely to hit the target.

**DOING THE RIGHT THING, ASKING THE RIGHT QUESTIONS.**

**IF THE ARCHITECT DOES ALL THE TALKING, HOW CAN THEY LEARN ABOUT YOU AND YOUR PROJECT?**

ETA listens to our clients and other stakeholders. We investigate and obtain objective data to provide informed and insightful options or solutions. We resist saying we can’t do something until all options have been explored, and we always look for ways to do the right thing for the long term. We consistently work to solve problems and create a sustainable project with a lasting sense of identity.

**CONSTRUCTION: STAYING ON TARGET TO THE END.**

**WHY THE ARCHITECT’S LEADERSHIP DURING CONSTRUCTION IS VITAL.**

ETA believes the project architect is the best person to perform construction administration, because they are most intimately familiar with the project’s overall goals. On-site project meetings are typically held every two weeks to monitor progress, address questions, and resolve issues. Meetings are documented with detailed notes that include action items. Our specific protocols for construction administration have earned the respect of both our clients and the construction community. We routinely hold our errors and omissions to less than one percent (< 1%) of construction costs.

**BUDGET, QUALITY LEVEL AND SCHEDULE.**

**WILL THE PROJECT COME IN ON BUDGET?**

ETA works with clients to establish accurate funding and budget scenarios based on three key components: budget, quality, and schedule. We provide construction estimates using our own project histories, plus state and national databases. We clarify construction vs. total project budgets. For traditional design-bid-build projects, our database of actual construction costs helps us refine construction documents to stay within budget. We work closely with contractors and subcontractors to stay in tune with bidding and cost climate forecasts in the project’s geographical area.





PROJECT TEAM





## ORGANIZATION CHART

The enclosed resumes and project experience information illustrate our qualifications. All project architects and engineers are licensed to practice in West Virginia. LEED certifications are indicated below..



## ETA STAFF ROLES & RESPONSIBILITIES

**PHOEBE PATTON RANDOLPH, AIA, LEED AP BD+C** - PRINCIPAL IN CHARGE, PROJECT MANAGER,  
DESIGN TEAM LEAD  
OWNER'S CONTACT PERSON - (304) 697-4990, PPR@ETARCH.COM

**EDWARD TUCKER, FAIA**  
PRINCIPAL EMERITUS, SPECIFICATIONS & QUALITY CONTROL

**GEORGE "EDDIE" BUMPUS, AIA**  
SENIOR ARCHITECT

**AMBER YOST, NCIDQ**  
SENIOR INTERIOR DESIGNER

## PROJECT TEAM ROLES & RESPONSIBILITIES

**GAI COMMUNITY SOLUTIONS GROUP**  
JAMES YOST, PLA, ASA, SENIOR LANDSCAPE ARCHITECT  
JEREMY YOUNG, PE, CIVIL ENGINEER

**SCHAEFER**  
LARA STROUP, PE, STRUCTURAL ENGINEER

**SCHEESER BUCKLEY MAYFIELD**  
MARLON HATHAWAY, PE, LEED AP, RCDD VICE PRESIDENT-ELECTRICAL ENGINEER  
VINCE FIELDER, PE, LEED AP, PRINCIPAL, MECHANICAL ENGINEER



# FIRM OVERVIEW

## WHO WE ARE



*Transforming ideas into reality*® since 1958, **GAI Consultants, Inc. (GAI)** is a planning, engineering, and environmental consulting firm that

provides local expertise to worldwide clients in the energy, transportation, development, government, and industrial markets. Through growth, acquisition, and much success, GAI currently has approximately 900 employees, serving clients from 27 office locations throughout the Eastern, Midwestern, and Southern United States.

As a multi-faceted and full service firm, GAI is actively investing in strengthening our position in to better serve the state of West Virginia. Our carefully selected team includes staff located in West Virginia who have a complete understanding of local policies, procedures, and protocol—as well as thorough knowledge of the scope of work and the goals of West Virginia State University in Institute, West Virginia. Our goal is to maintain and solidify a working relationship, exceed your expectations, and keep open lines of communication with the university.

GAI's accomplished specialists are dedicated to earning our clients' trust—they approach every initiative with enthusiasm and integrity, delivering multifaceted services to meet the greatest challenges.

## WHAT WE DO

We specialize in providing professional engineering and landscape architecture services as the prime consultant, drawing upon a unique blend of in-house experts and technicians, and utilizing specialty sub-consultants as necessary to meet the project's individual work assignment requirements. From feasibility studies to concept design to final design/permitting—and through construction implementation—GAI's ability to meet your needs is second to none.



## GAI'S COMMUNITY SOLUTIONS GROUP

As part of GAI, our specialized **Community Solutions Group**

**(CSG)** practice combines with the broad knowledge of our engineering and environmental consulting firm to offer services in Landscape Architecture, Planning, Urban Design, Economics, and Management Consulting. CSG is an idea-driven, strategic consulting practice integrating design, planning, and economics. We are committed to enhancing communities in ways that are practical, sustainable, and authentic to our clients' needs, while being politically aware, financially feasible, and aesthetically compelling.

With GAI, our most successful work has been as a result of the integration of "horizontal infrastructure", solving technical challenges together in order to create places for people that build value over time. The linkage of design, engineering, planning, economics, and environment is what sets us apart and allows us to realize our passion: Working with Partners to Create Community.





firm profile

view our work at [schaefer-inc.com](http://schaefer-inc.com)

# schaefer

We are open-minded in our approach + thinking — thought leaders with diverse experience.

Our clients partner with us for our collaborative structural engineering services: planning, design, inspection, investigation.

- > 90+ team members
- > Licensed in EVERY state
- > 15+ years into full implementation of BIM
- > Founded in 1976, offices in Cincinnati + Columbus, Ohio, and Phoenix, Arizona

We believe in collaborative teams — partnership with owners, architects, developers + construction team members.

With a creative approach supported by an understanding of market trends, we can design adaptive structures that meet owners' needs. Our people enhance communities through smart, innovative structures.



## CINCINNATI OFFICE

513.542.3300

537 East Pete Rose Way, Suite 400, Cincinnati, Ohio 45202



## COLUMBUS OFFICE

614.428.4400

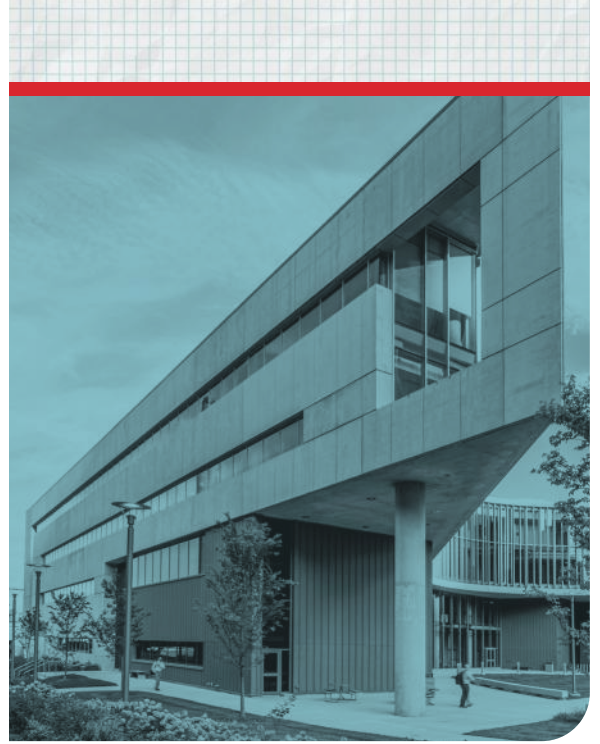
937 West 3rd Avenue, Columbus, Ohio 43212



## PHOENIX OFFICE

602.362.1100

2800 North Central Avenue, Suite 1250, Phoenix, Arizona 85004





Since 1959, Scheeser Buckley Mayfield has been a well-respected regional engineering firm serving Ohio and surrounding states. SBM provides cost-effective and innovative designs, working closely with our clients to fully understand their needs. Our goal is to enhance people's lives through effective engineering.

## What are we known for?

SBM is known for repeat clients, solving problems, and producing designs with the future in mind. We build relationships and systems that last.

We pride ourselves on communication and responsiveness – talking things through and getting answers. We pay attention to the details along the way. We solve problems before they become problems. We really listen to our clients. Why? To provide designs that are simply better.

We give our clients choices. We work within budget, so there are no surprises. Your project becomes our project. Your passion becomes our passion. And, yes, your problems become our problems. But, we actually like that. Because we are excellent at solving problems.

### DESIGN SERVICES

Mechanical • Electrical • Site Civil • Technology

### SPECIALTY SERVICES

Fire Protection • Forensic • Commissioning

### CORE MARKETS

Health Care	Government	Commercial
Higher Education	Corrections	Religious
K-12	Central Plants	Industrial



# SBM enhances lives through effective engineering.



**PASSIONATE  
PEOPLE**



**COLLABORATIVE  
COMMUNICATION**



**PRODUCTIVE  
PROBLEM  
SOLVING**



**EXCEPTIONAL  
ENGINEERING**

At SBM, our greatest asset is our staff.

Our employees are passionate about what they do. Our firm is small enough to offer individualized attention to each client, yet large enough to successfully complete complex, large-scale projects.

Our production departments consist of mechanical, electrical, site civil and technology engineering teams, complemented by a knowledgeable drafting department and conscientious support staff. Our principals are hands-on, mentoring our less-experienced engineers and providing a wealth of information to our clients. Each of our projects includes principal involvement throughout design and construction. They enjoy rolling up their sleeves and working directly with owners, architects, and contractors to develop solutions.

SBM's engineers truly care about what they do. They share the mindset of fully understanding the 'why' behind a building before determining the 'how' to make its systems work. Because understanding the 'why' results in a better design, a better system, and a better facility.

When we work with you, our team becomes your team. We're pretty impressed with them. We know you will be, too.



SBM has professional engineers registered in 15 states.

## Scheeser Buckley Mayfield

Yes, we know it is a lot to say. But, those names have meaning, especially to those who know and admire the men behind them. Walt Scheeser and Ned Buckley formed a partnership for mechanical engineering over six decades ago – back when tools of the trade included T-squares and slide rules. After determining the need for an electrical engineering department, Rex Mayfield's company merged with them in 1987 to form Scheeser Buckley Mayfield.

SBM's founders stressed integrity, hard work, and building relationships. These ethics have sustained us and made us successful. We know they will continue to do so for the next 60 years and beyond.











”

...for you have brought much more than fine planning and architecture. Thank you for being you, being professional, being creative and always being helpful.

”

*James L. McClelland, CPRP  
Director/Secretary (retired)*

*Greater Huntington Park  
and Recreation District*





RELEVANT  
EXPERIENCE





HIGHER EDUCATION  
/RESEARCH LABORATORY

West Virginia State  
University, Integrated  
Research & Extension  
Building

INSTITUTE, WEST VIRGINIA

Design Team: Scheeser Buckley Mayfield, Inc.



**WV State University acquired the IREB Building, which had been vacant for some time, and rehabilitated the structure as their new Agricultural Research Station.**

The IREB Building was formerly a part of the WV Division of Rehabilitative Services Complex, which was vacant for many years prior to becoming part of the West Virginia State University campus. The 33,300 sf building was renovated into an Agricultural Research Station, including wet labs, offices, and multipurpose instructional spaces.

The project was completed over four phases. The first phase consisted of providing temporary electrical power, lighting, and general clean-up of existing interior spaces consisting primarily of offices and related support spaces. Phase

two consisted of selective demolition of existing interior spaces. The work was a preparatory phase to facilitate building evaluation and eventual renovations. Hazardous materials abatement was also completed by the Owner at this point.

Phases three and four consisted of roof replacement, storefront window replacement, interior walls, doors, interior finishes, chemical fume hoods, walk-in refrigerator, commercial and laboratory grade casework. The Systems scope of new work included Mechanical, Electrical, Plumbing, Fire Protection, and IT/Data infrastructure.





HIGHER EDUCATION /  
RESEARCH LABORATORY

Marshall University  
Stephen J. Kopp Hall

HUNTINGTON, WEST VIRGINIA

In collaboration with Signet Real Estate & Perkins + Will



**Marshall University chose to relocate its growing School of Pharmacy to its health science campus in Huntington, in addition to developing graduate housing. The creation of what is essentially a living learning community for medical students is a valuable recruiting and retention tool for the university.**

The 50,000 square foot school of pharmacy program includes a variety of learning environments, including active learning classrooms, simulation learning labs, administrative offices, and research space. The classrooms were designed with moveable furniture, demountable walls and built-in technology for maximum flexibility. The research labs, previously siloed, are now co-located into one large space to encourage research partnerships.

Quiet study pockets are located at various instances in the building. Some smaller learning spaces were designed to multi-function as study rooms after school hours – maximizing efficiency while providing for all needs in the building. On all floors, the learning spaces and administrative spaces are organized along a primary causeway with writable surfaces and seating to maximize collaboration and engagement between faculty, students and staff.



HIGHER EDUCATION  
ADAPTIVE REUSE

## Marshall University Visual Arts Center

HUNTINGTON, WEST VIRGINIA

2015 AIA WV Honor Award for Excellence in Architecture



**Edward Tucker Architects intensively researched various university visual arts programs around the country to inform the design process for Marshall University's new Visual Arts Center in Huntington's historic district.**

Close attention was paid to create spaces that facilitate student and faculty interaction and a sense of community within the building. Presented with a complex program that required more space than was available in the building, the Architects worked closely with faculty to determine their needs and identify critical adjacencies and opportunities for shared space. Then, carefully fitting together the pieces of the puzzle, more than ten versions of space planning / stacking schemes were explored,

refined and ultimately resolved. The solution creates consistent floor to floor patterns yet elegantly resolves the complex and varied departmental needs, all within the historic building's context.





HIGHER EDUCATION  
HEALTHCARE

Translational Genomic  
Research Institute  
MU Joan C. Edwards  
School of Medicine  
HUNTINGTON, WEST VIRGINIA

## Edwards Comprehensive Cancer Center



This 10,000 square foot suite in the Edwards Comprehensive Cancer Center is a build-out of remaining shell space dedicated to cancer research and clinical trials personnel.

Challenges included fitting traditional wet bench laboratory spaces within the non-rectilinear plan, adding central lab water, gas and HVAC infrastructure, and managing construction staging within a health care environment. Due to an unusually high existing floor to ceiling space, the Architect identified an opportunity for a mezzanine open work area that also takes advantage of daylight for Clinical Trials staff. Edward Tucker Architects provided programming, lab planning, design and construction administration services.



K-12 NEW SCHOOL

## Highlawn Elementary School

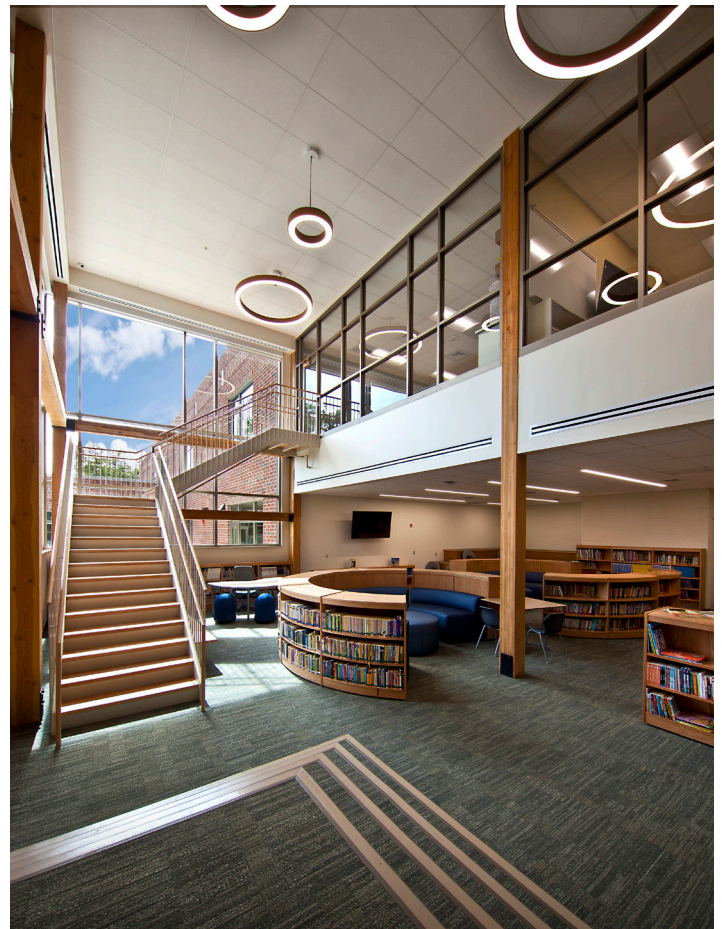
HUNTINGTON, WEST VIRGINIA



The Cabell County Board of Education determined that the Highlawn community would keep its treasured elementary school, and provided a new site within the neighborhood.

The complex nature of utilizing an urban site for a new elementary school presented a network of logistical issues for the project team to navigate, including the demolition of an existing school structure, the closure of a city alley, rerouting of existing utility lines, and the renovation of the existing gymnasium structure.

The design concept separated the bus loop, parent drop-off loop, and staff parking and service access, to avoid traffic congestion. The building footprint is a 'U' shape that allows for passive security by creating an interior courtyard that contains the playground area. The dining room features a sloping roof form articulated by wooden beams and decking. The Media Center also features a two-story space connecting the first floor library to the second floor STEAM lab.





LIBRARY

# Barboursville Public Library

BARBOURSVILLE, WEST VIRGINIA

2022 AIA WV Merit Award for Sustainable Architecture



The new Barboursville Public Library serves as a center for knowledge in its community, providing access to books, technology, and activities. The building's first level features reading spaces for adults as well as private study rooms that provide a quiet space for individual learning. An outdoor reading room on the first floor is designed to accommodate a full class of students for learning and activities.

The children and young adult resources are located on the second floor, providing a level of security to the space. Glass encloses the second level, designed to visually connect spaces in the library and retain acoustic separation. A media lab provides gaming and coding resources to young adults while a play area

and activity room cater to children, emphasizing the importance of spaces for visitors of all ages.

The high-performance building design features insulated concrete form construction, geothermal wells for heating and cooling, and a 71-kilowatt solar array.

The exterior forms are clad in contrasting tones, using bronze, metal panels and a pearl-colored fiber cement rainscreen which resonate with the natural materials and earth-toned palette of the interior. Natural materials such as stone and laminated timber were carefully selected to reflect the context of the surrounding area through a modern lens.

The project is sited across the street from the village's elementary school and located much closer to the middle school than the previous library, allowing for improved access by classes during the day as well as by students visiting the library after school. The site presented several challenges, specifically an active rail line along the southern edge, an active baseball field to the east, and a senior center to the north. The building form hinges to parallel the trajectory of the rail line, directing the front façade and entry toward the main pedestrian and vehicular access points.





HIGHER EDUCATION  
RENOVATION

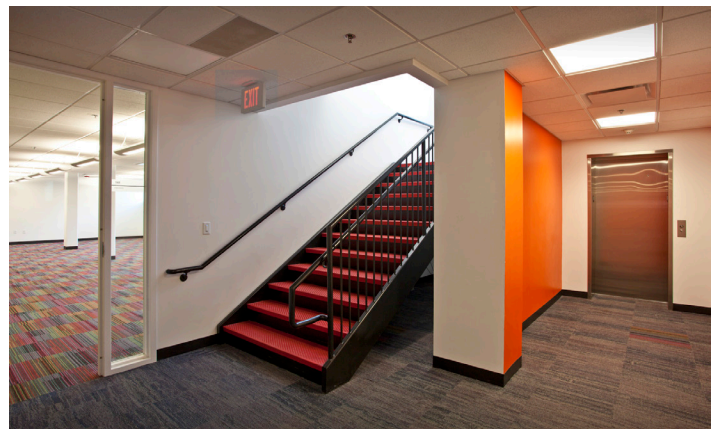
Marshall University  
/ INTO International  
Studies Classrooms and  
Offices

HUNTINGTON, WEST VIRGINIA



Our firm worked with Marshall University and INTO International to design the renovation of East Hall to house the international studies program.

These classrooms and offices express a vibrant color palette which was deemed to be familiar to the students from other nations. Extensive audio/visual and distance learning technology was implemented for daily learning and contact with the furthest reaches of the world. Constructed in the 1920's, East Hall was given a new life with energy efficient systems and sustainable materials.





# WEST VIRGINIA STATE CAPITAL MASTER PLAN

CHARLESTON, WEST VIRGINIA

## CLIENT

- West Virginia  
Department  
of Administration

## SERVICES

- Landscape Architecture +  
Design
  - Campus + Institutional  
Environments
- Land Development
  - Civil/Site Engineering

GAIs' Community Solutions Group (CSG) provided master planning and design services to the West Virginia State Capital campus.

The campus required enhanced levels of security while maintaining an architectural and aesthetic continuum with the strong participation of the WV National Guard and thorough research into the "best practices" of security devices/applications used elsewhere. Both perimeter and interior areas of the campus required degrees of security/protection. This

very necessary protection is to be accomplished while enhancing the "park-like" qualities of the campus and ensuring the campus is inviting to the pedestrian.

Services required the establishment of a design language for the overall campus environment that speaks to the architectural and cultural heritage of this beautiful campus. Plantings, buildings, memorials, furniture/site elements, and views to/from the surrounding community all constitute that current setting.

Security devices needed to be designed to fit that language while performing their intended function. They will be designed to fit the campus landscape, become "contributing" elements to that landscape, and be visually non-invasive to the extent possible.









project profile

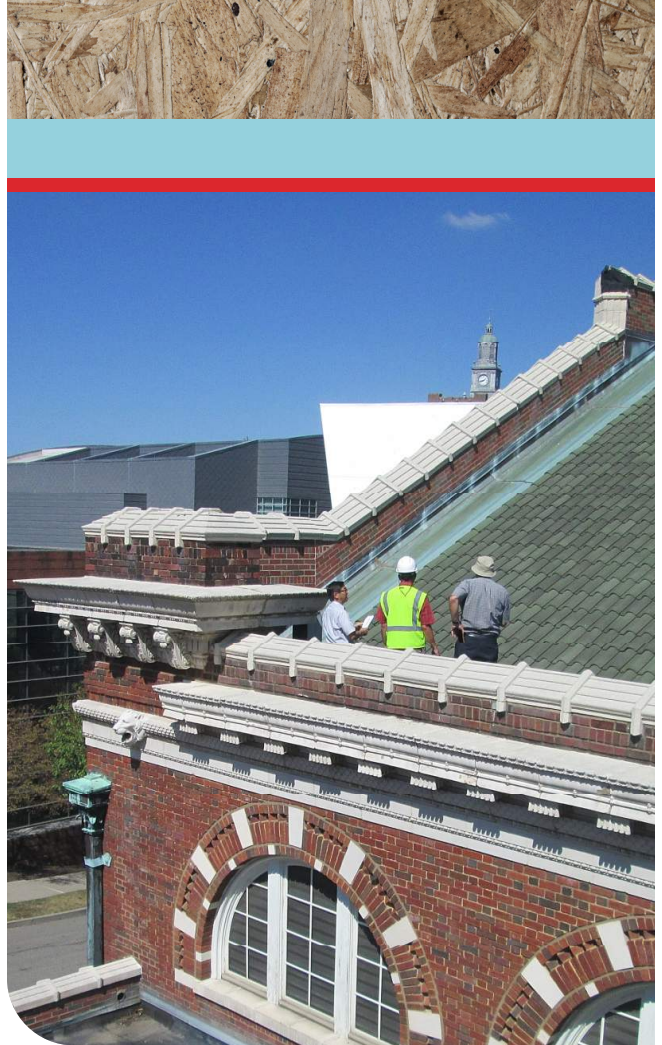
higher education

# Dieterle Hall Renovation

CINCINNATI, OHIO

This project consisted of renovation/repairs to the existing roof systems and adjacent masonry parapet components of University of Cincinnati's Dieterle Hall. The repairs included:

- > Miscellaneous replacement/repair of damaged or loose roof tiles within existing clay tile roof area
- > Replacement of existing low slope roof systems
- > Replacement of EPDM lined gutter areas with metal
- > Repair of deteriorated mortar joints in the terra cotta parapet elements
- > Repair of select areas of severely damaged terra cotta
- > Application of a new weatherproof coating over skyward facing portions of terra cotta components
- > Repair of select brick masonry areas above the roof line (parapets)



- > \$325,000
- > 11,000 sq ft

The building was constructed in the early 1900s and contains a number of historic and/or ornate materials not commonly used in modern commercial building construction. The structure's historic value to the university merited preservation of primary components and repair or replacement of select components.

Schaefer provided field investigation assistance into existing conditions, and research into preservation and repair options of component materials. Additionally, we developed select technical specification sections of roofing and masonry components to define specific technical construction requirements.





project profile

higher education

# Scioto Hall

CINCINNATI, OHIO

Schaefer is the structural engineer for the renovation of University of Cincinnati's Scioto Hall. The 142,000 sq ft residence hall stands 16 stories, 13 of which house students. The \$30 million renovation consists of a new aluminum curtainwall exterior envelope, new roofing, elevator upgrades, and mechanical, electrical, and plumbing replacements. Each apartment will have its own bathroom and kitchen. Scioto Hall's renovations are to reflect Morgens Hall, its sister building that was renovated in 2013.

Scioto Hall, originally constructed in 1965, was completed one year after Morgens Hall. Schaefer was the structural engineer for Morgens Hall's renovation. Schaefer performed a seismic evaluation analysis on both residence halls prior to the renovation of Morgens Hall. The analysis was based upon ASCE 31-03 (Seismic Evaluation of Existing Buildings). A Site Specific Response Spectrum Analysis was used in order to more accurately evaluate the seismic risk of the existing building compared to owner selected performance criteria. The extent of the floor extensions and weight of the new curtain wall had to be carefully

- > \$30 million
- > 142,000 sq ft



reviewed to avoid adding wind or seismic load to the building that would trigger code upgrades to the lateral system.



## Twin Towers Renovation

*Athens, WV*

### PROJECT DETAILS:

- Renovation
- General Contracting

### SERVICES PROVIDED:

- Mechanical
- Electrical
- Plumbing
- Technology



Engineering Design for the twin tower high rise complex included upgrades to the HVAC, elevator, and emergency power systems.

Each resident room's HVAC system was upgraded with new PTAC and digital controls. Each private bathroom was renovated including new plumbing fixtures, lighting replacement/upgrades to LED lighting, and upgrades for ADA accessibility. The entire emergency power system was upgraded including a new diesel generator with emergency power branches for elevator systems, life safety, and optional standby power systems. The entire HVAC system was replaced including both resident rooms and public/community spaces.

New power feeders were designed from grade level up to the penthouse elevator machine room. Life safety panelboards were designed on every other floor in both towers. All the corridor and stairwell lighting was upgraded to the life safety power system. This design upgraded the complex to meet current high-rise building code.

The technology design included the removal of all horizontal UTP cables in two dorm towers (seventeen floors total). New CAT6 cabling was installed at all workstations and dorm rooms. New CAT6A cabling was installed for wireless access points throughout both buildings. Existing wall-mounted equipment racks were reconfigured and bonded to new telecommunications bonding busbars.

## F. Ray Powers Research Lab

*Institute, WV*

### PROJECT DETAILS:

- Renovation
- 33,000 sq. ft.
- \$6,000,000

### SERVICES PROVIDED:

- Mechanical
- Electrical
- Plumbing
- Technology
- Fire Protection



Scheeser Buckley Mayfield provided mechanical, electrical, plumbing, fire protection and technology systems design for this project. The abandoned 4-story F. Ray Powers building had been purchased by WVSU to serve as a lab space, classrooms, and an auditorium for their Agricultural and Environmental Research Station. All of the existing interior systems were removed and the building was renovated. This project focused on maintaining the lowest start-up cost possible for the systems and was done in phases for budgeting purposes. The electrical portion of this project was split into two phases and the mechanical portion of this project was done in 4 phases.

The project included six biological research laboratories. Lab design required extensive coordination with the owner and the architect to ensure all the proper connections were provided. The tight budget for this project resulted in many design challenges. The design was continuously modified pending budget reviews until the least expensive design was found that would still satisfy the needs of the building. A unique aspect of the plumbing was the ability to install the acid waste tank inside of the building on the first floor. This was possible due to a lack of labs on the first floor. This saved cost by eliminating length of acid waste piping/walls/requirements for an exterior neutralization tank.



RESUMES



HAROLD EVERETT "HAL" GREER

Phoebe Patton  
Randolph  
AIA, LEED AP BD+C  
Principal  
Architecture



**Phoebe Patton Randolph** oversees the design and delivery of the firm's projects including healthcare, higher education, K-12, library, museum, civic and essential services. She applies her knowledge of building science, adaptive reuse, historic preservation, technical integration, and construction to the firm's work.

## BIOGRAPHY

Graduating from high school at the age of 16, Phoebe attended the University of Tennessee, Knoxville's College of Architecture and Design and received her Bachelor of Architecture degree at the age of 21. She returned home in 2003 and has been committed to the revitalization of Huntington and the surrounding region ever since. Through her work at Edward Tucker Architects, as well as extensive involvement in the community as a volunteer, Phoebe has developed strong connections to state and local agencies, organizations and community leaders. Elected by her peers as the first female president of the West Virginia Chapter of the American Institute of Architects in 2016, her work has been recognized through multiple design awards.

## EDUCATION

### University of Tennessee

Knoxville, Tennessee

Bachelor of Architecture, 2000

Faculty Design Award – 2000

School of Architecture Letter of Excellence – 2000

### Krakow Polytechnic University

Krakow Poland

Architecture and Urban Design, Spring Semester 1999

### Pratt Institute

Brooklyn, New York

Pre-College summer program in Architecture - 1994

## REGISTRATIONS

### National Council of Architectural Registration Boards

West Virginia

### Green Building Certification Institute

LEED AP BD+C

## PROFESSIONAL AFFILIATIONS

### American Institute of Architects, West Virginia

#### Chapter

President 2016-2018

Scholarship Committee (Current Chair) 2009-Present

## PROJECT EXPERIENCE

### Marshall University

2023 Campus Plan with Ayers Saint Gross

Visual Arts Center, Downtown Huntington, WV, 2014

2015 Honor Award for Excellence in Design - AIA West Virginia

School of Pharmacy at the Robert Coon MEB, 2012

### Bluefield State University

Medical Education Center - Renovations for the College of Allied Health, Bluefield, WV, 2024

Phased Renovation - In Design

### Signet Real Estate

Marshall University Stephen J. Kopp School of Pharmacy, 2019, with Perkins + Will

### Marshall University School of Medicine

Teays Valley Medical Center, Scott Depot, WV, 2017

Robert C. Byrd Rural Health Clinic, Chapmanville, WV, 2012

2013 Merit Award for Achievement in Architecture - AIA West Virginia

Erma Ora Byrd Clinical Education & Outreach Center, 2007

### Cabell County Public Libraries

A New Library for Barboursville, 2022

2022 Merit Award for Excellence in Sustainable Design - AIA West Virginia

### Cabell County Schools

A New Elementary School for Davis Creek, In Construction

Renovations to Hite Saunders Elementary, In Construction

Renovations to Nichols Elementary, In Construction

A New Elementary School for Highlawn, 2020

2021 Merit Award for Excellence in Design - AIA West Virginia

### Huntington Museum of Art

Isabelle Gwynn and Robert Daine Gallery Addition, Huntington, WV, Completed 2010

2011 Merit Award for Excellence in Design - AIA West Virginia

## COMMUNITY INVOLVEMENT

Huntington Area Development Council, Board Member

Huntington Museum of Art, Board of Trustees,





Edward W.  
Tucker  
FAIA, Principal  
Emeritus



**Edward W. Tucker, FAIA**, is President of Edward Tucker Architects, Inc. Edward manages the firm's overall operations with a focus on professional leadership, design and quality assurance. His expertise includes healthcare, education, research labs/clean rooms, industrial, religious, commercial, historic, and public architecture.

### BIOGRAPHY

Shepherding the growth of the firm for over 25 years, Ed's leadership and guidance continues to inspire a culture of design excellence and professionalism. His focus on health care, public buildings/spaces, and adaptive reuse combine with an appreciation for context and history that result in sensitive, well-crafted architecture and interiors.

Volunteering at the local, state and national levels, his service was recognized in 2018 through elevation to the AIA's College of Fellows. Appointed to the West Virginia Board of Architects in 2014, he has served on numerous committees of the National Council of Architectural Registration Boards (NCARB). In 2022 he was elected Chair of NCARB's Mid-Atlantic Region.

### EDUCATION

#### University of Tennessee

Knoxville, Tennessee

Bachelor of Architecture, 1982 Magna Cum Laude

#### Denmark's International Studies

Copenhagen, Denmark

Architecture and Urban Design with an emphasis in Urban Planning and Housing, 1981 Semester Study

### REGISTRATIONS

#### National Council of Architectural Registration Boards (NCARB)

West Virginia, Kentucky and Ohio

### PROFESSIONAL AFFILIATIONS

#### AIA College of Fellows

2018

#### WV Board of Architects

Secretary, 2014–present

#### NCARB

Chair, Mid-Atlantic Region, 2022- present

Regional Leadership Committee

Diversity, Equity and Inclusion Committee

Architects Registration Exam (ARE) Writing

Committee, Member and Division Coordinator,  
2016-2022

#### American Institute of Architects (AIA)

Regional Director, Virginias Region, 2007 - 2010

#### AIA West Virginia Chapter

President, Director-Past President, VP-President

Elect, Director, 1998 - 2005

### COMMUNITY INVOLVEMENT

#### Huntington Federal Savings Bank

Director, 2009 - present

#### City of Huntington Planning Commission

Chair, 2011 -2020

#### Building Code Board of Appeals

Chair 1997-1999

#### Huntington Museum of Art

2011 - 2014, 2018 - present

#### Rotary Club of Huntington

Director 2003 - 2005, 2016 - 2018

#### Huntington Symphony Orchestra

Board of Directors 2003 - 2009

#### Tri-State Council Boy Scouts of America

Executive Board 1999 - 2007



## George (Eddie) Bumpus AIA



**George E. (Eddie) Bumpus** started his career as a draftsman with Holderby Engineering, Inc. in St. Albans, WV. While working full time learning Plumbing/Mechanical/Electrical engineering design, Eddie attended West Virginia State University at night for fifteen years where he earned an Associate of Applied Science degree in Construction Management and a Bachelor of Science degree in Architectural Technology. After working in engineering for more than twenty years, Eddie decided to fulfill his lifelong dream of becoming an architect and started his path to licensure.

### BIOGRAPHY

Eddie received his architectural registration in 2003 and passed the LEED AP test in 2009 while working on the State of West Virginia's first LEED Gold building design. Eddie's participation and dedication to the design of this project helped it receive a merit award in Sustainable design from the West Virginia Society of Architects.

Eddie's experience includes commercial, industrial, primary and secondary education, religious, government, public housing, retail, higher education and residential projects. For the past fifteen years Eddie has been heavily involved with lighting design of commercial buildings.

### EDUCATION

#### West Virginia State University

Institute, WV

Associate of Applied Science, Construction Management, 1989

Bachelor of Science, Architectural Technology, 1993

### REGISTRATIONS

#### Registered Architect - Arizona (inactive),

West Virginia

Green Building Certification Institute, LEED AP

### PROFESSIONAL AFFILIATIONS

#### American Institute of Architects,

West Virginia Chapter

Illuminating Engineering Society (IES) Inactive

### PROJECT EXPERIENCE

#### Bluefield State University

Heritage Village Dormitories, Bluefield, WV

Medical Education Center - Renovations for the College of Allied Health, Bluefield, WV, 2024

*Phased Renovation - In Design*

#### Signet Real Estate

Marshall University Stephen J. Kopp School of Pharmacy, 2019, with Perkins + Will

#### West Virginia State University

F. Ray Power Building Renovations, Institute, WV

#### Marshall University

Robert C. Byrd Biotechnology Science Center - Animal Research Facility Expansion, Huntington, WV, 2018

#### Cabell County Schools

A New Elementary School for Davis Creek, 2022

A New Elementary School for Highlawn, 2020

*2021 Citation Award for Achievement in Architecture - AIA West Virginia*

#### Cabell County Public Libraries

A New Library for Barboursville, Barboursville, WV

*2021 Merit Award for Sustainable Design Excellence - AIA West Virginia*

#### Coalfield Development Corporation

Nenni Buildings Rehabilitation, Matewan, WV

Fort Gay High School Rehabilitation, Fort Gay, WV

#### ASM Global

Mountain Health Arena, Huntington, WV, Phased Exterior and Interior Renovations, 2019-present

#### Raceland-Worthington Independent School District

New Raceland Middle School, Raceland, KY

#### Marshall University, Herdzone Stadium Team Store





Amber Yost,  
NCIDQ  
Senior Interior  
Designer



**Amber Yost** manages the Interior Design projects at Edward Tucker Architects, where she has contributed to a diverse range of sectors including higher education, healthcare, civic, K-12 education, and hospitality. She combines her knowledge of space planning, innovative design solutions, furniture specifications, and strategic signage implementation to deliver functional and aesthetically pleasing environments.

## BIOGRAPHY

Amber embarked on her design journey by receiving a Bachelor of Science in Interior Design from West Virginia University in 2011. Dedicated to further enhancing her skills and knowledge of the profession, she completed the NCIDQ certification in 2023. Throughout her work with Edward Tucker Architects, Amber has developed a deep appreciation for how interior spaces can influence human behavior, productivity, and overall well-being.

Amber lives in Charleston with her husband, James, and their son, Oliver. She enjoys pottery, Broadway, traveling, and actively participating in both the Charleston and Huntington Communities

## EDUCATION

### West Virginia University

Morgantown, WV  
Bachelor of Science, Interior Design - 2011

### University of Hertfordshire

Hatfield, England  
Contemporary Applied Arts - 2010 Spring Semester

## REGISTRATIONS

**Council for Interior Design Qualification**  
NCIDQ - 2023

## CURRENT & PAST COMMUNITY INVOLVEMENT

### West Virginia Symphony League

Board Member, Secretary

**YWCA Girl's Night Out** Decor Committee

**Charleston Main Streets** Volunteer

**WVU Sigma Alpha Iota** Board Member, Editor

## PROJECT INTERIORS EXPERIENCE

### West Virginia State University

F. Ray Powers Building Renovations

### Cabell Huntington Hospital

Outpatient Medical Center, In-Construction

*Phased Renovation - In Construction*

Perioperative Clinic & Registration

Pediatric Oncology Renovation, Edwards Comprehensive Cancer Center,

Emergency Department Uplift

### Marshall University

Stephen J. Kopp School Of Pharmacy, with Perkins + Will,

Shewey Building Interior Renovations

Memorial Student Center Dining Renovations

### Bluefield State University

Student Housing & Food Service Renovations - Health Sciences Campus

Medical Education Center - Renovations for the College of Allied Health

*Phased Renovation - In Design*

### Mountwest Community & Technical College

Cybersecurity Renovations

*In Design*

### Pediatric Dentistry, LLC

A New Dental Office, Flatwoods, KY

### Cabell County Community Services Organization

A New Senior Wellness Center

*In Construction*

### City of Huntington

Compass First Responders Wellness Center

## PROACT

Addiction Care & Treatment Center





## JAMES YOST, PLA, ASLA

### Landscape Architect Manager

#### CONTRACT ROLE

Project Manager; Point of Contact;  
Landscape Architecture

#### YEARS OF EXPERIENCE 13

#### EDUCATION

BLA, Landscape Architecture, 2011,  
West Virginia University

#### LICENSES + REGISTRATIONS

Professional Landscape Architect (PLA):  
PA – 2019, #LA003329; WV – 2019,  
#419

#### SPECIALIZED SKILLS

Landscape Architecture  
Urban Planning + Design  
Graphic Design  
Comprehensive + Master Planning  
Community + Redevelopment Planning  
Geographic Information Systems (GIS)

#### AFFILIATIONS

American Society of Landscape Architects  
– Member 2009-Current  
West Virginia Chapter – American Society  
of Landscape Architects  
– Member, 2009-Current  
– Public Relations Chair, 2013-2015  
– Trustee, 2023-Current  
Kanawha Valley Leadership Class 2018  
West Virginia Leadership Class 2021

Mr. Yost specializes in landscape architecture and urban planning. Serving as a Landscape Architect Manager in our Charleston, WV office for GAI Consultants, he coordinates projects and marketing activities throughout the Northeast region. In this capacity, Mr. Yost brings 13 years of experience on a diverse range of projects covering all aspects of landscape architectural design and planning in both the public and private sector. His strong ability to communicate project knowledge to the public and clientele to accomplish a collaborative design approach for each project. His further skills include use of rendering and graphics tools, such as the Adobe Suite, SketchUp, Lumion, ArcMap, and AutoDesk software. By utilizing these programs, Mr. Yost provides visual assistance in all areas of project development, such as project presentation, project funding, advertisements, proposal and qualification statement documentation, rendered master plans, and site-specific renderings.

#### HIGHLIGHTED PROJECT EXPERIENCE

- **Mountain Health Arena Entry Plaza, Huntington, West Virginia.** Lead Landscape Architect. The goal of this project was to expand the usefulness of a regional arena and meeting space. Working with local architects and the City, the project team developed a concept master plan for the renovation of the entrance plaza to the building. The final design offers multiple amenities meant to enhance the visitor experience at concerts, conventions, and other community events. Conference spaces were expanded to include outdoor space. For concertgoers, the plaza includes a covered stage for entertainment before the main event. Gathering spaces such as a fountain, firepits, and seating areas were also included to accommodate community events.
- **The Woodlands Retirement Community, Huntington, West Virginia.** The Woodlands Retirement Community, located in Huntington, is one of West Virginia's premier senior community and care centers. The facility boasts 171 acres of spectacular property overlooking the area's hills and valleys, and provides various types of living experiences, ranging from assisted living to independent cabins along a ridge top. While the community has successfully managed property improvements, they have engaged GAI to assist in the development of a multi-phase master plan to serve as a visual goal for future projects at The Woodlands. The team has developed a graphic master plan that is segmented into four phases of development. Additional projects have been highlighted on the master plan and may be developed on an as-needed basis. Subsequent phases include improvements to the grounds through landscaping, parking, site amenities, and pedestrian connections. As landscaping for the 171-acre property was crucial for the future enhancements of The Woodlands, CSG developed a comprehensive landscape manual for future planting needs, as well as a maintenance guide for existing planting.
- **Barboursville Sports Complex, Barboursville, West Virginia.** Lead Landscape Architect. GAI's Community Solutions Group (CSG) worked with local architects and the Village of Barboursville to develop a master plan and construction documents for improvements to an existing recreational facility. Although the existing facility was largely set up for soccer, the client wished to add synthetic turf fields that could host multiple sports, therefore increasing the use of the space. To meet this goal, CSG developed a master plan that included the addition of three synthetic turf fields striped for multiple sports. Additionally, the project team proposed improved pedestrian circulation, new parking areas, shade structures, lighting, and other site amenities. The project team also took careful consideration into enhancing existing amenities, such as perimeter improvements to the firing range.
- **Taylor Memorial Park, Brockway, Pennsylvania.** Landscape Architect on record. Revitalization that will transform the existing park to include greenspace, playground, baseball fields, soccer fields, football fields, dek hockey, amphitheater, plaza space, lighting/safety improvements, and various other infrastructure improvements.





# JEREMY YOUNG, PE

Assistant Engineering  
Manager

## GAI CONSULTANTS, INC.

### CONTRACT ROLE

Civil Engineering  
Site Development

### YEARS OF EXPERIENCE 12

### EDUCATION

MS, Engineering Management, 2017,  
Marshall University

BS, Civil Engineering, 2012, Marshall  
University

### LICENSES + REGISTRATIONS

Professional Engineer (PE): WV – 2017,  
#22222

### SPECIALIZED SKILLS

Civil Engineering  
Post Construction Stormwater  
Management  
Site Development  
Erosion and Sediment Control

Mr. Young is a detail-oriented Professional Engineer with 12 years of engineering focused work experience. He is knowledgeable about the development of design drawings for site development, linear projects (natural gas and electric transmission), stormwater management, and roadway projects utilizing various computer aided design products. Mr. Young has led teams of multiple consultants and participated in agency meetings to achieve project goals.

## HIGHLIGHTED PROJECT EXPERIENCE

- **Ohio Valley Medical Center Demolition, Wheeling, West Virginia.** Demolition project including the removal of building and infrastructure of a dilapidated structure. Site was to be turned into a temporary gravel lot to maintain existing site imperviousness. Project was to permit site as a temporary condition for a future building project. Project work included plan development, grading, erosion and sediment control, stormwater management, and NPDES permitting through West Virginia Department of Environmental Protection.
- **Westmorland Fire Station, Huntington, West Virginia.** New construction project for site development. Site was to be turned from an open space to new building. Project work was to develop plans for grading, drainage, post construction stormwater management, and erosion and sediment control. The project also involved MS4 permitting in the city of Huntington, WV.
- **Bard Building Demolition, Baltimore City, Maryland.** Demolition project including the removal of building and infrastructure of a dilapidated structure. Site was to be turned into a temporary open space. Project was to permit site as a temporary condition for a future building project. Project work included plan development, grading, erosion and sediment control, stormwater management, and permitting through Maryland Department of the Environment.
- **Black Betsy Phase III Archaeological Study, Putnam County, West Virginia.** Project was in support of an ongoing archaeological study to clear a site in the Kanawha River valley for a new development project. Project work included plan development, erosion and sediment control, NPDES Permitting, and site construction monitoring.
- **Rec and Park Projects, Baltimore City, Maryland.** Multiple park renovation projects. Parks typically included recreational fields, playgrounds, walking trails, stairs, terraced seating, and shelters. Project work included plan development, grading and erosion and sediment control.
- **WV 45, WVDOT, Berkeley County, West Virginia.** WVDOT widening project for WV 45. Project work included intersection design, temporary traffic control, and maintenance of traffic. Project used MicroStation products for drawing development.
- **Confidential Electric Transmission Projects, West Virginia.** Multiple projects and clients. Project work included plan development, erosion and sediment control, and NPDES permitting. Projects generally included right of way clearing and design of small sites for the tower locations.
- **Confidential Stream and Wetland Restoration Project, West Virginia.** Multiple projects. Projects were to develop natural looking streams and wetlands in areas where the natural streams and/or wetlands has been impacted due to construction activities.
- **Confidential Compressor Station and Supporting Facilities Projects, Ohio, Virginia, and West Virginia.** Multiple projects and clients. Plan development, site grading, drainage, erosion and sediment control.



**JACOB BURNS, PLA, ASLA**

Senior Landscape Architect II  
Role: Landscape Architecture

Jacob specializes in landscape architecture and related fields. His scope of work includes research, mapping, visioning,

site planning, design development, and construction documentation. Jacob is proficient with a wide range of mapping and design programs, including Adobe Creative Suite, AutoCAD, SketchUp, and ArcGIS. Additionally, his skills include hand drawing and hand rendering, which he uses to efficiently express design intent. Representative experience includes:

- Strategic Urban Renewal Plan for Downtown Charleston and Near West Side Districts, Charleston, WV
- Washington County Multi-Municipal Comprehensive Plan, Washington County, PA
- Washington County Comprehensive Parks and Recreation Plan, PA
- Kanawha Boulevard Walk and Bikeway Trail Master Plan, Charleston, WV
- Mingo Creek County Park, Washington County, PA
- Parks and Recreation PROS Report and Valley Park Master Plan, Putnam County, WV



**ANDREW SHEPPARD, PLA, ASLA, LEED AP**

Planning and Urban Design Manager  
Role: Landscape Architecture

Mr. Sheppard has 20 years of experience in visioning, design development, and implementation for urban redevelopment areas,

livable transportation, master planned communities, resort and tourism planning, employment centers, and campus planning for public, private, and federal clients. He is focused on creating livable communities and has experience working at all scales of development on a broad range of residential, commercial, and institutional projects throughout the world. He has developed an understanding that place is defined by careful attention to character, scale, authenticity, and appreciation of context. Mr. Sheppard is known for his ability to listen to clients—translating their ideas into compelling plans—and crafting achievable implementation strategies to

bring their vision to reality. His project involvement includes mixed-use communities, downtown redevelopment areas, transit-oriented development, walkability, and complete street studies as well as Vision and Design Implementation Books. Representative experience includes:

- Negley Station Area Plan, Port Authority of Allegheny County (PAAC) Pittsburgh, Pennsylvania
- Denning Drive Complete Street, Winter Park, Florida
- 63rd Street TOD Corridor Study, Chicago, Illinois
- Mount Joy Main Street and Station Area Plan, Mount Joy, Pennsylvania

**RUBY COLE, LEED GREEN ASSOCIATE**



Landscape Designer, Planner  
Role: Landscape Architecture

Ms. Cole works in the landscape architecture field with knowledge in master planning, sustainable design, and visualization graphics. Prior experience in the field consists of mostly residential

designs and horticulture practices. All other knowledge is based off school education at West Virginia University. Skills include GIS, Adobe Suite, Sketchup, Lumion, AutoDesk software. Use of these programs, Ms. Cole aids in projects. Representative experience includes:

- City Center Business Improvement District Strategic Masterplan, Charleston, West Virginia
- Rotary and Memorial Park, Westmoreland, West Virginia
- Prindle Field Park Master Plan and Construction, Huntington, West Virginia
- Burt Residence Master Planning, Alexandria, Virginia
- Martinkat Residence Master Planning, Clarksburg, West Virginia
- Core Solar LLC Solar Array Visualization Analysis, Wilmington, Ohio
- West Side Pocket Park Master Planning, Charleston, West Virginia



# Lara Stroup, PE LEED AP BD + C

## PROJECT MANAGER

### EXPERIENCE

With post-graduate degrees in both structural engineering and architecture, Lara has a unique perspective when it comes to marrying necessary structural elements and desired facility aesthetics. Her past experience designing for educational environment has differed in size, geography and usage; her diverse project portfolio serves as an asset when producing smart and creative designs.

### EXPERIENCE HIGHLIGHTS

- > Marshall University Henderson + Gullicks Center HVAC Renovation
- > Clark State Community College Rhodes Hall Renovation
- > Bluefield State University Medical Education Center Renovation
- > Bowling Green State University Hanna Hall Addition | Renovation
- > Marshall University Student Center Chiller Replacement

### REGISTRATIONS

PE Registered: Ohio, West Virginia

### ASSOCIATIONS

Structural Engineers Association of Ohio, American Institute of Steel Construction, American Concrete Institute - Central Ohio Chapter



### EDUCATION

- > Master of Science, Structural Engineer, University of Illinois, 2010
- > Master of Architecture, University of Illinois, 2010
- > Bachelor of Science, Architecture, The Ohio State University, 2007



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✉ mhathaway@sbmce.com

**EDUCATION:**

The University of Akron —  
BSEE/1992  
Electrical Engineering

**CREDENTIALS:**

LEED Accredited Design  
Professional

Registered Communications  
Distribution Designer (RCDD)

Registered Professional  
Engineer (Electrical) in Ohio,  
West Virginia, Kentucky, North  
Carolina, South Carolina, New  
York, Michigan, Pennsylvania,  
Tennessee, Florida, Texas and  
Mississippi

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## Marlon Hathaway, PE

### LEED AP, RCDD

### *Vice President — Electrical Engineer*

Marlon began his career as a consulting engineer with Scheeser Buckley Mayfield. He has since been involved with all aspects of electrical design including lighting, power distribution (utility and standby), telecommunications systems, fire alarm systems, video/security systems, access control systems and surgical documentation systems. Marlon's responsibilities include both budget and finish electrical construction estimates. He has worked closely with electrical contractors on design-build and design assist projects. Marlon has completed projects in Ohio, West Virginia, Kentucky, New York, Mississippi, Pennsylvania, South Carolina and Florida.

Marlon has been project engineer and principal-in-charge on numerous higher education projects. These include NCAA athletic facilities, field houses, aquatic buildings and classroom/lecture halls. He has provided design services for resident halls, student centers and dining facilities for multiple universities. Marlon has also designed museum and art facilities.

Marlon is a BICSI RCDD (Registered Communications Distribution Designer) and served as treasurer for the Cleveland chapter of the Illuminating Engineering Society (IES).

**SELECT WORK EXPERIENCE:**

- West Virginia State University, Institute, WV
- Marshall University, Huntington, WV
- Concord University, Athens, WV
- The Ohio State University, Columbus, OH
- The University of Akron, Akron, OH
- Kent State University, Kent, OH
- Ohio University, Athens, OH
- Case Western Reserve University, Cleveland, OH
- Ursuline College, Pepper Pike, OH
- Bluffton University, Bluffton, OH
- Walsh University, North Canton, OH
- Hartwick College, Oneonta, NY
- Cuyahoga Community College, Cleveland, OH
- North Central State College, Mansfield, OH
- Muskingum College, New Concord, OH





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#### EDUCATION:

The Pennsylvania State University – BSAE/1996  
Architectural Engineering

#### CREDENTIALS:

LEED Accredited Design Professional

Registered Professional Engineer (Mechanical) in Ohio, West Virginia, Kentucky, Michigan, Pennsylvania, Tennessee and Mississippi

## Vincent J. Feidler, PE

### LEED AP

### *Principal – Mechanical Engineer*

Vince has served as lead mechanical engineer on a wide variety of projects throughout West Virginia, Kentucky, Ohio and Pennsylvania. 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.

Vince has designed systems for projects varying in nature, from small renovations and equipment replacement to major remodeling projects involving multiple building additions to freestanding structures. He has worked on many higher education projects ranging from small single classroom renovations to new standalone building additions. Vince has also been involved in historical renovations.

Vince approaches each project, regardless of size, with attention to detail. Having extensive knowledge of all facets of building planning, design and construction has proven invaluable throughout his career. Vince firmly believes the successful design and construction of any project lies in the ability to understand how a building needs to function as a whole.

#### SELECT WORK EXPERIENCE:

- West Virginia State University, Institute, WV
- Marshall University, Huntington, WV
- Wesleyan College, Buchanan, WV
- West Virginia School of Osteopathic Medicine, Lewisburg, WV
- The Ohio State University, Columbus, OH
- The University of Akron, Akron, OH
- Kent State University, Kent, OH
- Ursuline College, Pike, OH
- University of Toledo, Toledo, OH
- Washington State Community College, Marietta, OH
- Cuyahoga Community College, Cleveland, OH
- Lakeland Community College, Kirkland, OH