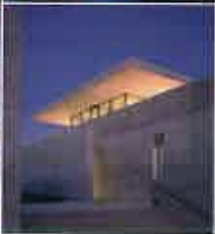
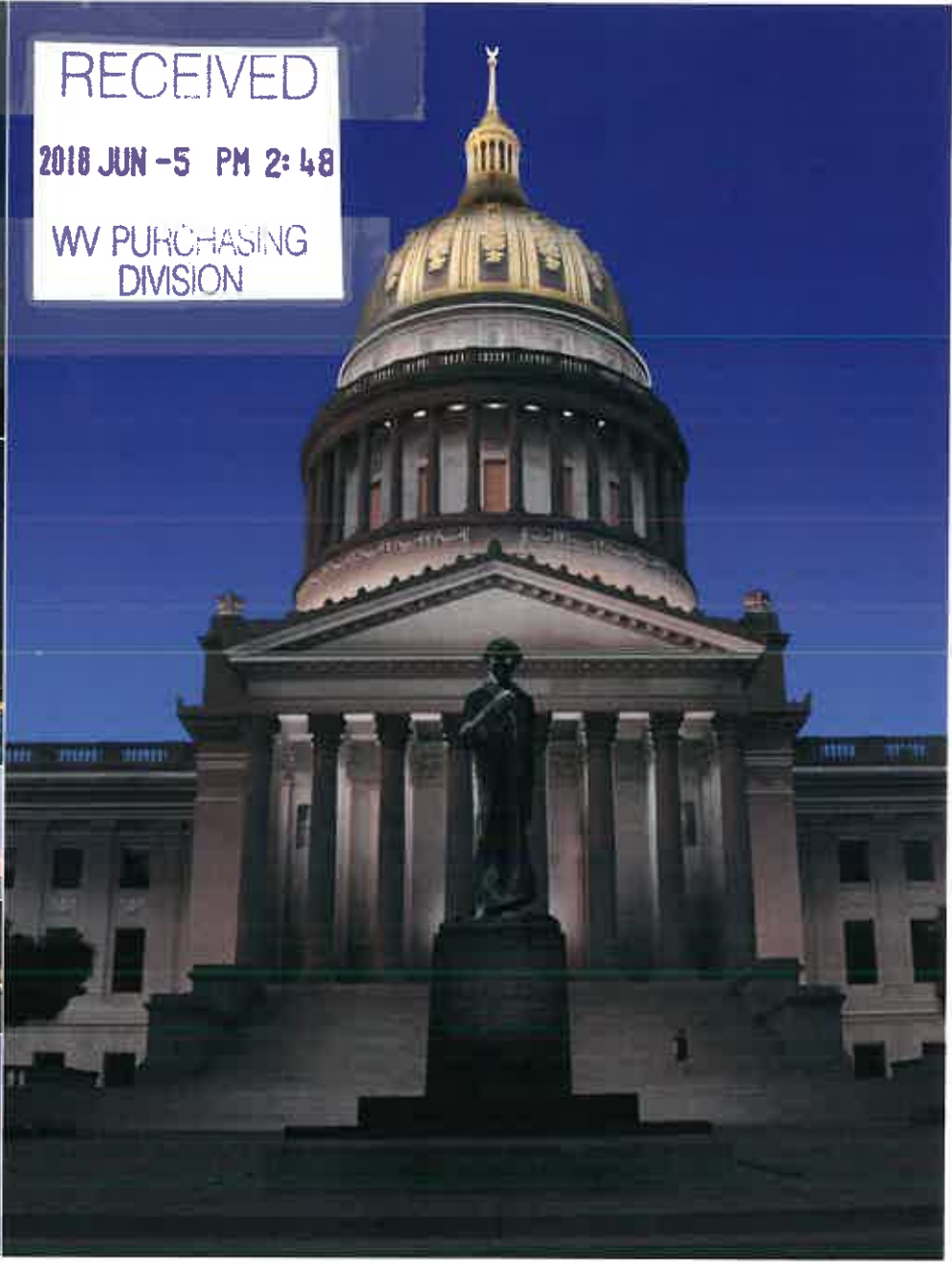


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DIVISION

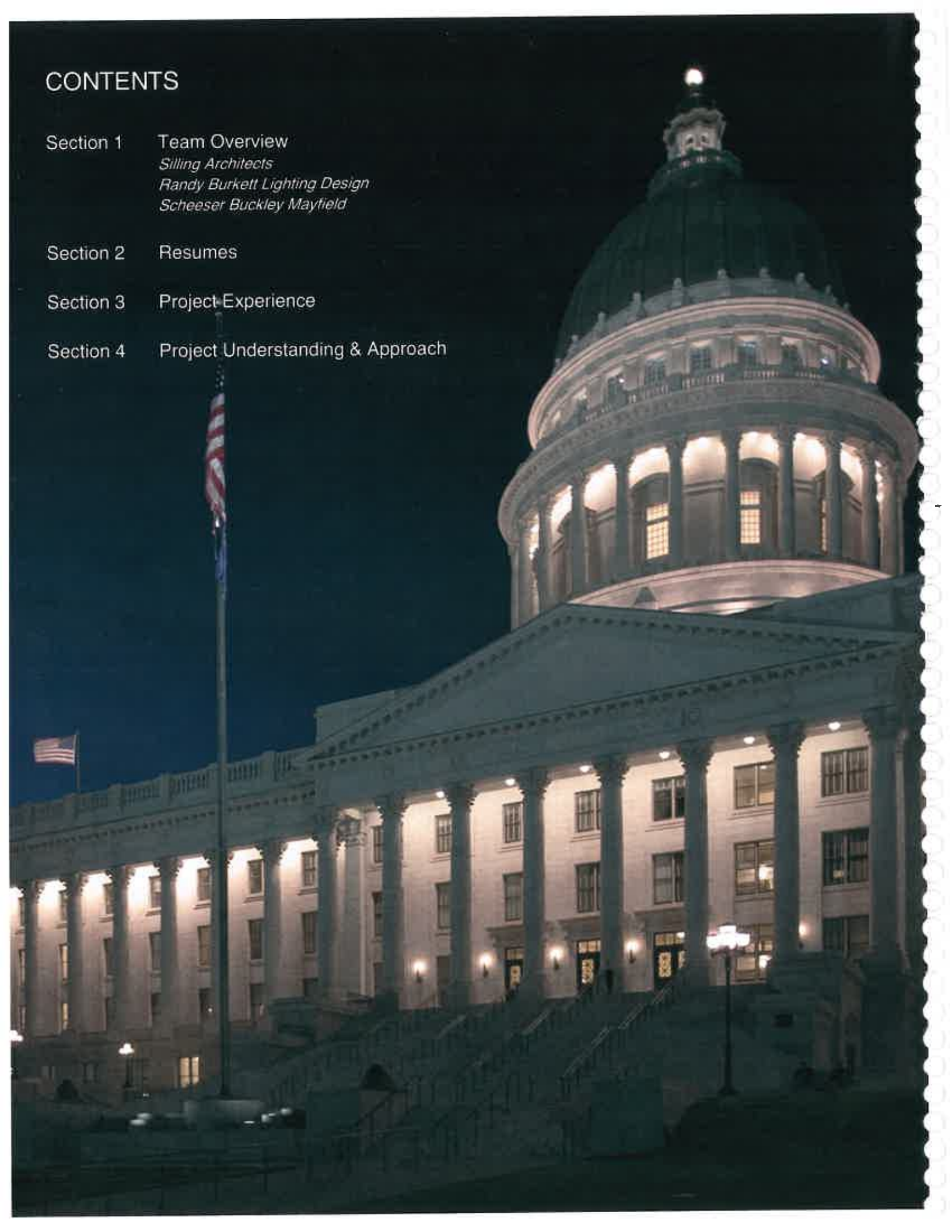


EXPRESSION OF INTEREST
CAPITOL CAMPUS EXTERIOR LIGHTING UPGRADES PROJECT
GEO: GSD 1800000007

Submitted: 06.06.2018

CONTENTS

- Section 1 Team Overview
 - Silling Architects*
 - Randy Burkett Lighting Design*
 - Scheeser Buckley Mayfield*
- Section 2 Resumes
- Section 3 Project Experience
- Section 4 Project Understanding & Approach





t (304) 346-0565
e info@silling.com
w silling.com

June 6, 2018

Department of Administration, Purchasing Division
Buyer: Crystal Rink
2019 Washington Street East
Charleston, West Virginia 25305-0130

Re: **Expression of Interest, CEOI 0211 GSD1800000007**
CAPITOL CAMPUS EXTERIOR LIGHTING UPGRADES PROJECT

Selection Committee Members,

Silling Architects is pleased to submit an Expression of Interest to provide complete architectural/engineering design services for the Capitol Campus Exterior Lighting Upgrades project. We offer the General Services Division one of the most professional and experienced architectural firms in the state of West Virginia offering an unparalleled reputation for quality design, project management, and service.

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

Randy Burkett Lighting Design was founded in 1988 and has serviced a diverse clientele throughout North America for over three decades. The Saint Louis, Missouri, USA-based practice employs a versatile team of design professionals, with lighting related backgrounds serving corporate, office environment, museums, hospitality, retail, historic restoration, monumental spaces, campus, site, and exterior building façade projects.

Our team's experience having completed the Capitol Campus Exterior Lighting Assessment in 2011, we believe, allows us to partner with the General Services Division once again to deliver the very best and most appropriate planning and design services for this project. Likewise, having completed a significant portion of Building One's design scope to the 90% level of Construction Documents positions our firm as not only the most valuable, but most cost-effective provider for professional design services for this opportunity.

We are extremely excited about the opportunity to work with you on this worthy project and look forward to further detailing our overall qualifications and project approach in an interview.

Sincerely,

Jody S. Driggs, AIA, NCARB
Principal
Silling Architects

100+

Silling Architects, Inc.
405 Capitol Street, Upper Atrium
Charleston, WV 25301

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Silling Associates, Inc.

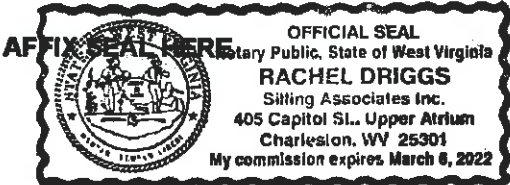
Authorized Signature: [Signature] Date: 6/4/18

State of WV

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 4th day of June, 2018

My Commission expires March 6, 2022



NOTARY PUBLIC [Signature]

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI GSD1800000007

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

- Addendum No. 1
- Addendum No. 2
- Addendum No. 3
- Addendum No. 4
- Addendum No. 5

- Addendum No. 6
- Addendum No. 7
- Addendum No. 8
- Addendum No. 9
- Addendum No. 10

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

SILLING ARCHITECTS

Company

Authorized Signature

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

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, VICE PRESIDENT

(Name, Title)

JSD

(Printed Name and Title)

405 CAPITAL ST UPPER ATRIUM CHARLESTON WV 25301

(Address)

304.346.0565 / 304.346.1522

(Phone Number) / (Fax Number)

jdriggs@silling.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, 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 State 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.

SILLING ARCHITECTS

(Company)

JSD

(Authorized Signature) (Representative Name, Title)

JODY S. DRIGGS, AIA, VICE PRESIDENT

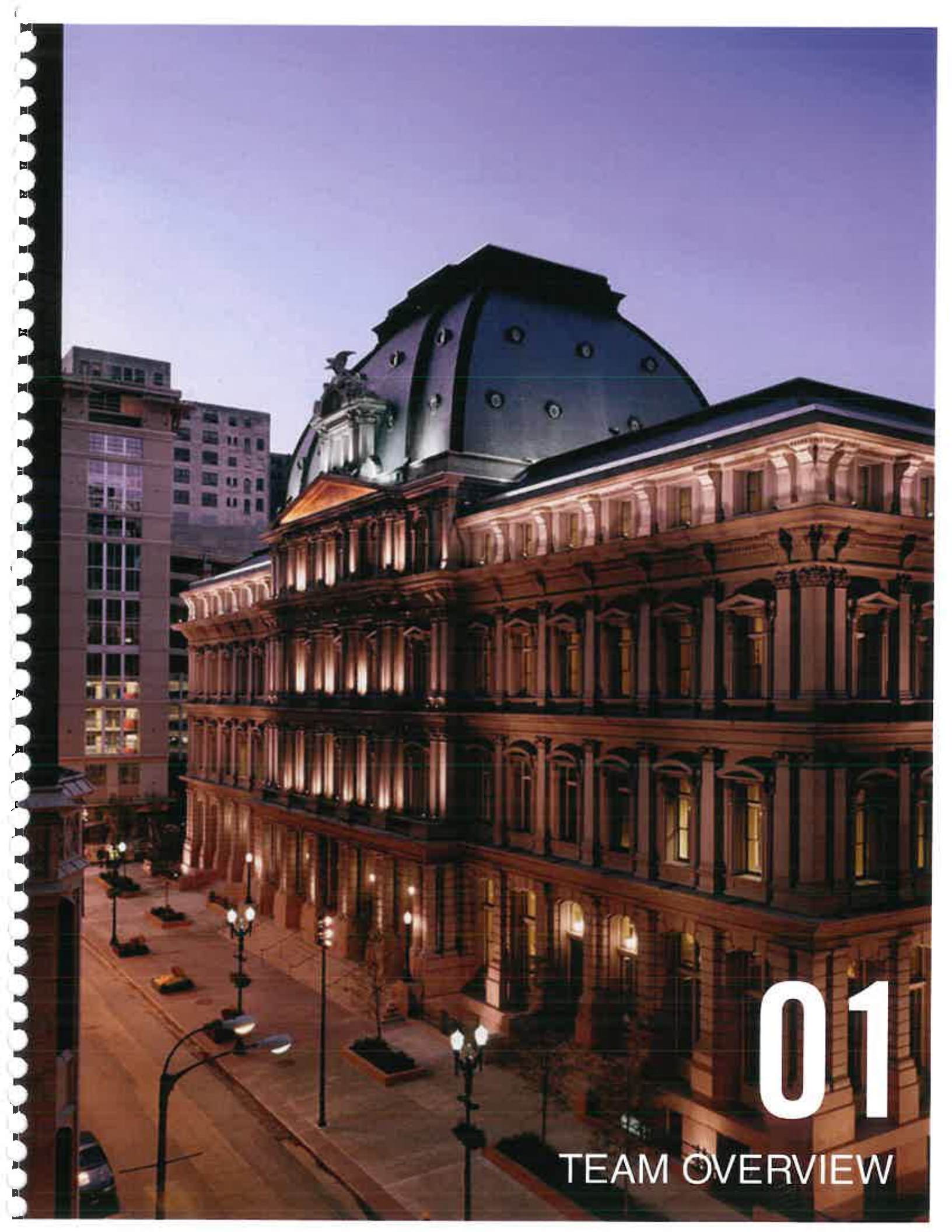
(Printed Name and Title of Authorized Representative)

6.4.18

(Date)

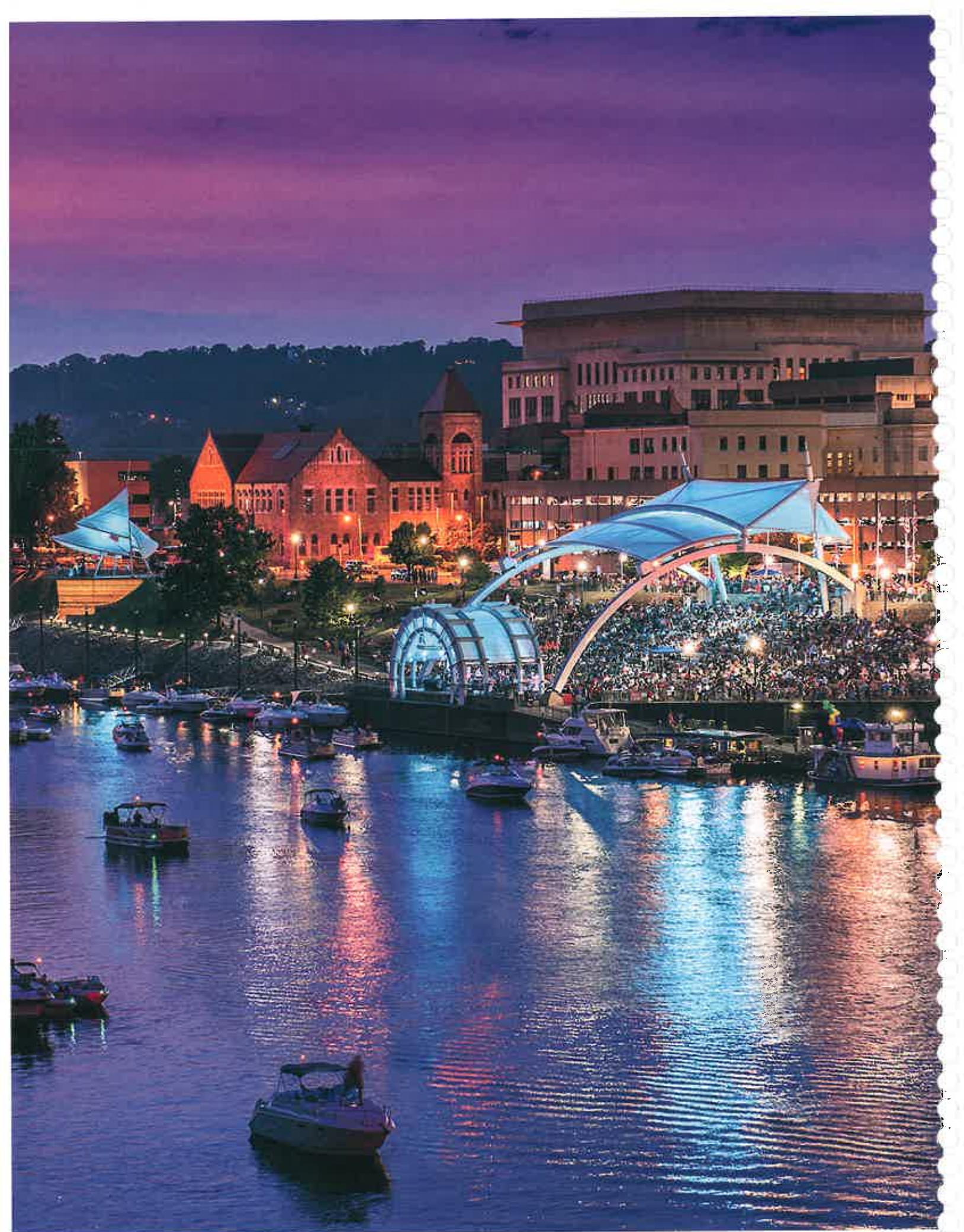
304.346.0565 / 304.346.1522

(Phone Number) (Fax Number)



01

TEAM OVERVIEW





Company Overview

SILLING
ARCHITECTS

Years in Business

116 years

Principals

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

Employees

16

Contact

Silling Architects
405 Capitol Street, Upper Atrium
Charleston, West Virginia 25301
p 1.304.346.0565

Website

silling.com

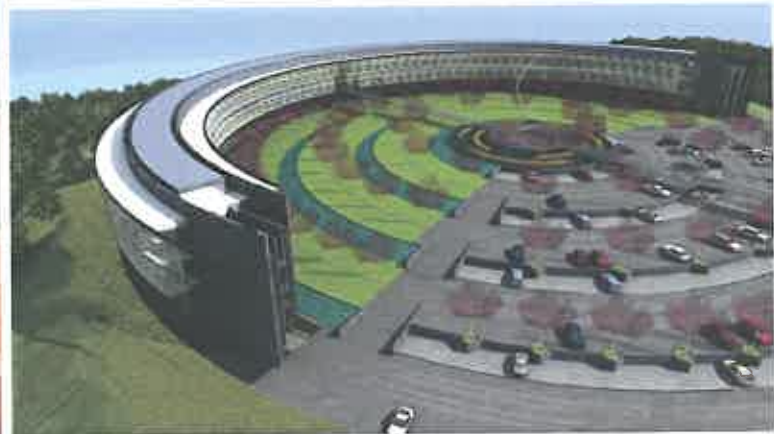
Facebook

facebook.com/SillingArchitects

100+ / For over 100 years, Silling Architects has been committed to the purpose of getting it right, in every detail. With a servant's heart, we are deeply connected to our people – clients, partners, and staff – and their places, shaping the level of care with which we practice and informing a necessary humility and passion in response to their trust.

Our History / Architectural success is measured by vision and an unwavering dedication to excellence. This axiom was the philosophical birth of Silling Associates Incorporated by H. Rus Warne in 1902. Following the lead of partners like Warne and its namesake, Cy Silling, the firm today has the proud distinction of being the oldest continuing architectural firm in West Virginia and one of the oldest in the eastern United States. Throughout, Silling Architects has woven itself into the very fabric of West Virginia, providing planning and architectural services that have touched the lives of virtually every citizen and delivering landmark projects collectively defining its built environment. Whether through its early century beaux arts and neo-classical collection, its mid-century modern and post-modern portfolio, or its current contextual vocabulary, Silling has always been renowned as one of the premier architectural firms in the state.

Who We Are Today / A past principal at Silling once commented that virtually every West Virginian has been touched by at least one of the buildings designed by our firm. In fact, that's probably true, and we remain proud that this diversity of experience holds true to the design capabilities of our staff today. We believe our architects, designers, and technical staff have the talent, research, and listening capacity to provide solutions for ANY challenge. At the same time, we have developed an expertise in several rewarding building typologies centered around justice, worship, higher education, office, and custom residential markets. Silling offers a wonderfully diverse staff of senior partners, talented architects and designers, modeling and production specialists, and construction administration professionals. While the size and efficiency of our staff is such to produce very large and complex design projects, we remain a firm focused on design, innovation, and the highly collaborative studio model. Every project we undertake benefits from the perspective of a simultaneously creative, experienced, innovative, and tested group of design professionals.



Company Overview

SILLING
ARCHITECTS

Our Services

- Feasibility Studies
- Master Planning
- Space Planning
- Architectural Programming
- Concept & Design Development
- Interior Design
- Furniture & Accessories Design
- LEED & Sustainable Design
- Building Information Modeling
- Construction Administration
- Flexible Project Delivery

Markets We Serve

- Justice
- Education
- Workplace
- Healthcare
- Worship
- Recreation
- Mixed-Use

Sustainability Metrics

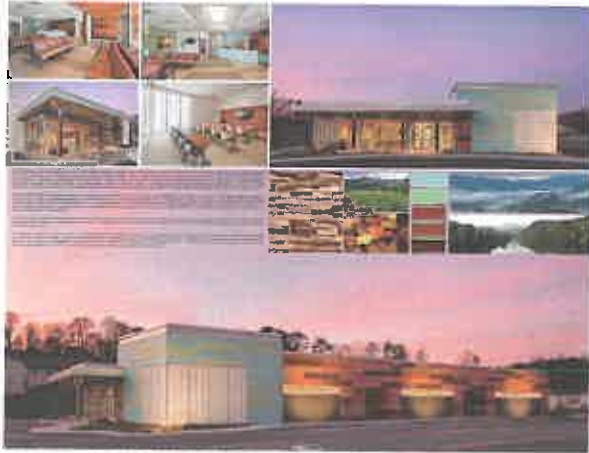
- USGBC LEED
- Living Building Challenge
- AIA 2030 Challenge

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

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

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

Design Award Recognition



Design Recognition / "Architecture is not the picture, it's the frame. Life is the picture." We don't recall which architect to whom we should credit this quote, but we believe it captures with beautiful simplicity the way we try to think about what we do. We have been blessed to work with clients who have inspired us with their story and entrusted us with telling that story through design.

Awards / American Institute of Architects, West Virginia Chapter:

Cabin Creek Health Systems /
Honor Award for Excellence in Architecture

Monongalia County Justice Center /
Honor Award for Excellence in Architecture

Dixon Hughes Goodman /
Honor Award for Excellence in Architecture

Walker Convocation Center, West Virginia State University /
Merit Award for Achievement in Architecture

The Summit Welcome Center /
Merit Award for Achievement in Architecture

Lewis County Judicial Annex /
Merit Award for Achievement in Architecture

Raleigh County Judicial Center /
Merit Award for Achievement in Architecture

Morgan County Courthouse /
Honor Award for Excellence in Architecture

Moses Private Residence /
Merit Award for Sustainability

Haddad Riverfront Park /
Honor Award for Excellence in Architecture

Bible Center Church, Southridge Campus /
Merit Award for Achievement in Architecture

Chesapeake Energy Eastern Regional Headquarters /
Honor Award for Excellence in Architecture

James C. Wilson Student Union, West Virginia State University
Merit Award for Achievement in Architecture

Star USA Federal Credit Union
Honor Award for Excellence in Architecture

STUDIO

Firm Introduction

A diverse set of practitioners focused on one goal

Randy Burkett Lighting Design maintains a studio environment that fosters creativity and innovation, while placing a premium on client satisfaction. Lighting is considered both artistic craft and technical discipline, synthesized through thoughtful design. Our professional team is diverse in both education and practice; with skills and knowledge in architectural and theatrical lighting, architecture, interior design, engineering, and manufacturing that are applied in the studio's daily practice. Ongoing leadership in sustainable design, energy conservation and innovative professional practice has positioned Randy Burkett Lighting Design as one of the profession's most respected practices.

We use the medium of light as an essential element for addressing the aesthetic and functional challenges of the built environment. Through the assimilation of lighting into the overall design process, we strive to support the creation of vital, sustainable places for our clients and the world at large.

We are proud to offer our clients a complete range of lighting design services, from initial conceptual development through final project completion. We have worked in a collaborative capacity on projects of all sizes, assembling the appropriate team from our firm's experts to most efficiently and effectively address the demands. Project and team leaders at RBLD also serve in leadership roles within the lighting industry, including positions of standards' development and project creation, ensuring projects are at the forefront of today's technology and building requirements.

For more information, please visit our website at www.rblldi.com

Principal Contacts:



Randy Burkett
President &
Design Principal



Vickie Hayden
Office Administrator

STUDIO

History

Three decades of success

Randy Burkett Lighting Design was founded in 1988 and has serviced a diverse clientele throughout North America for over three decades. The Saint Louis, Missouri, USA-based practice employs a versatile team of design professionals, with lighting related backgrounds and education in architectural engineering, architecture, interior design and theatre. The entire team shares the common goal to assist clients in helping realize their visions, while working to better the world through lighting's contribution to the quality of life.

Formerly Director of Lighting Design at HOK, Randy Burkett founded the firm with a desire to provide quality lighting design, while maintaining a high degree of client-focused attention. A remarkable varied collection of successful work in such areas as: corporate office environment, museums, hospitality, retail, historic restoration, monumental spaces, campus, site, and exterior building facades, speaks to the company's breadth of knowledge and experience. The firm's thirty plus years of design work includes commissions throughout the United States and twenty other countries. The practice has been recognized with a wealth of lighting design awards and public recognition for its body of work.

As Randy Burkett Lighting Design looks to its future, it is positioned to continue delivering memorable lighted environments to all those they serve.



SERVICES

A Comprehensive Consultancy



Conceptual & Planning

A lighting design concept cannot be adequately developed until the project goals and requirements are well understood. It is this early dialogue between designer and decision-maker that lays the groundwork for a successful creation of the vision. A lighting concept evolves, constantly folding feedback from the client and other team members into its refinement. It must also take into account other key parameters such as budget, schedule, systems integration, code requirements, and similar over-arching issues.



Documentation

A well-conceived lighting design is ultimately only as good as how effectively it is communicated to those who must implement it. Randy Burkett Lighting Design is equipped to provide documentation of the technical and aesthetic elements of a project's lighting and lighting control systems. The level and nature of production will hinge on what is required from the lighting designer to sufficiently transfer the information to those who will be charged with executing the design.



Project Delivery

Well-coordinated lighting design and documentation provides the cornerstone for the expectation of a high quality final result. However, to be fully and accurately implemented, it is often necessary to provide diligent construction administration. Randy Burkett Lighting Design provides a variety of services focused on helping the client fully realize the vision of the original design intent.

A Comprehensive Consultancy



Sustainability

Randy Burkett Lighting Design's approach, as it has been for many years, is to provide a professional service to its clients that includes sound, sustainability practices throughout all phases on the project. Whether LEED accreditation is a project goal or not, environmentally responsible design is a key component of the firm's projects. Working alongside the design team to develop unique solutions that match both the aesthetic goals of the project with energy requirements, we are well equipped to assist with sustainability solutions for all project types.



Visualization

The thorough consideration of a lighting design concept can prove difficult, depending on the complexity of the challenge and the proposed solution. Randy Burkett Lighting Design employs a variety of techniques in the development of lighting designs to assist in this understanding, from sketch-style renderings to in-depth computer-based calculations and visualizations. These tools are available to the design team and client to assist in fully realizing the goals for the project.



Lighting Controls

Lighting controls are an important aspect of successful lighting design implementation. Whether managing power consumption, meeting code mandates, servicing programmatic needs, creating dynamic effects, or simply managing on/off cycles, the control of light and its impact on a project can be a key element of success.



Throughout its history, the firm's lighting has been honored with numerous awards for design excellence and technical achievement. Corporate headquarters, university libraries, hotels, urban revitalizations and man-made shark environments are among the diverse collection of projects for which the company has been cited for its design virtuosity.



The Martin Luther King, Jr. Memorial

Location: Washington, D.C.

International Association of Lighting Designers

Award of Merit

Illuminating Engineering Society
2012 Award of Excellence

Architectural Lighting Magazine
Award of Merit

Illuminating Engineering Society – New York
Lumen Award of Merit



Utah State Capitol

Location: Salt Lake City, UT

International Association of Lighting Designers

Award of Excellence

Illuminating Engineering Society
IIDA Award of Merit

Architectural Lighting Magazine
Award of Merit



Citygarden

Location: St. Louis, MO

Illuminating Engineering Society
Award of Merit

Illuminating Engineering Society – New York
Lumen Award of Merit

Urban Land Institute
2011 America's Outstanding Open Urban Space



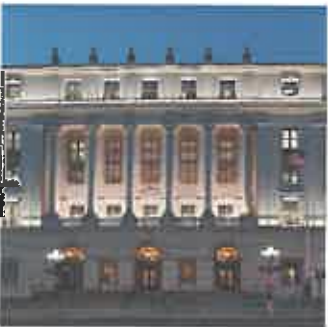
Gateway Arch
Location: St. Louis, MO

*International Association of Lighting
Designers*

Award of Merit

Illuminating Engineering Society

IIDA Award of Excellence



GSA Hipolito Federal Building
Location: San Antonio, TX

Illuminating Engineering Society

IIDA Award of Merit



Lambert St. Louis Airport
Location: St. Louis, MO

Illuminating Engineering Society

Section Award



SCHEESER BUCKLEY MAYFIELD

1540 Corporate Woods Parkway
Uniontown, OH 44685
P 1.330.526.2700
sbrnce.com

YEARS IN BUSINESS

59 years

FIRM PRINCIPALS

James P. Kulick, PE, LEED AP
James E. Eckman, PE, LEED AP
Marion C. Hathaway, PE, LEED AP
Kevin M. Noble, PE, LEED AP
Chris J. Schoonover, PE, LEED AP
Vincent J. Feidler, PE, LEED AP
Chad B. Montgomery, PE, LEED AP

TOTAL STAFF

38

LICENSED ENGINEERS

12

Overview

Scheeser Buckley Mayfield is a respected regional civil, electrical, mechanical, telecommunications, forensic, and commissioning consulting engineering firm serving clients in Ohio, West Virginia, and the surrounding states. The firm has been in the engineering business for nearly 60 years. SBM provides exceptional engineering services that are responsive to clients' needs through a collaborative environment to develop innovative, sustainable, cost-effective design solutions.

Philosophy

Building systems design, when correctly executed, masterfully transforms technology-driven ideas into performance-oriented solutions. Most critical to systems design is technical competence. The very latest proven technology must be carefully selected to fit specific project requirements. High-tech working systems that meet the most stringent, complex performance criteria are frequently required by clients. SBM's goal is to meet these requirements with a high level of accuracy. The best mechanical and electrical systems designs go beyond the purely technical. These designs not only meet the most demanding operational requirements, but also help define the personality and character of the building. They transcend building operations to contribute to the total building experience. Transformation of ideas into solutions is the core upon which SBM is built.

Systems Design

Every Scheeser Buckley Mayfield mechanical and electrical system is designed in harmony with the entire building, so all systems flow and work together efficiently. As an integral part of the building design team, SBM strives to create systems that fit naturally into the building's character and comfortably into the overall budget. Because this responsibility is taken seriously, SBM does everything necessary to design systems that fit the client's needs. Scheeser Buckley Mayfield excels at working closely with architects and owners to maximize system efficiency. SBM strives for a design process that allows a thorough understanding of the client's objectives in order to meet all expectations.

One of Scheeser Buckley Mayfield's guiding philosophies is that quality is defined by the clients. SBM takes care not to over or under design but instead to give the client choices, think ahead, and design systems that will do the job they are needed to do. SBM works hard at every stage of a project – initial consultation, design, construction and building commissioning – to provide services of the highest value.

Technical Expertise

Scheeser Buckley Mayfield is recognized for precise technical drawings and uncompromising attention to detail. Our mechanical and electrical design engineers carefully consider overall systems design, analyzing how every part works in conjunction with every other part of the system. Because engineering details are thoroughly integrated in our designs, contractors can more effectively bid on and construct SBM systems. This greatly reduces misinterpretation and costly problems that must be solved during the construction process.

The bottom line is that we deliver systems that meet client expectations with no unpleasant surprises.

SBM's History

Through years of growth and changes, Scheeser Buckley Mayfield has led the industry in innovation, quality and creativity. Our designs have ranged from the simplest concepts to the most complex, intricate mechanical and electrical systems.

Scheeser Buckley Mayfield traces its roots to electrical and mechanical firms, started by Rex Mayfield, Ned Buckley and Walt Scheeser, which began offering engineering services in 1959. The firm is currently managed by the third generation of partners. All partners in the firm currently participate in some level of project oversight, as well as conduct the day-to-day business of the firm. The structure of the firm includes design teams for mechanical, electrical, telecommunications and site civil disciplines. Each design team is led by a principal and includes experienced professional engineers, who act as project managers, complemented by other engineers and designers. CADD and clerical departments are shared by the teams. This team approach provides management and design continuity for projects, with flexibility to allow teams to add or shed personnel as project loads shift. This management structure has been in use for over 15 years and continues to satisfy our clients while maintaining an efficient operating model for the firm.

SBM pledges to continue providing the best possible mechanical, electrical, telecommunications, site civil, commissioning, and forensics engineering services to its growing list of clients. More importantly, SBM will continue to transform the best ideas into effective solutions.





Client References / Silling Architects

JON MELVIN

Director of Facilities
Delaware County Board of Commissioners
New Delaware County Courthouse
Delaware, Ohio
1.740.833.2100
jmelvin@co.delaware.oh.us

JON HART

County Administrator
Franklin County Board of Commissioners
New Franklin County Courthouse
Chambersburg, Pennsylvania
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Email: jahart@franklincountypa.gov

FREDDIE MULLINS

Owner's Representative
Dickenson County Industrial Development Authority
Dickenson County Judicial Center
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1.276.926.8580
mullinslaw@fempc.net

CINDY WHETSELL

County Administrator
Lewis County Commission
Lewis County Judicial Annex
Weston, West Virginia
1.304.269.8200
cindywhetsell@yahoo.com

DAVE TOLLIVER

Commission President
Raleigh County Commission
Raleigh County Judicial Center
Beckley, West Virginia
1.304.255.9146
ralcom@raleighcounty.com

Client References / Randy Burkett Lighting

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PHILIP HAMP, FAIA

President
Vinci Hamp Architects
Illinois State Capitol Restoration
Springfield, Illinois
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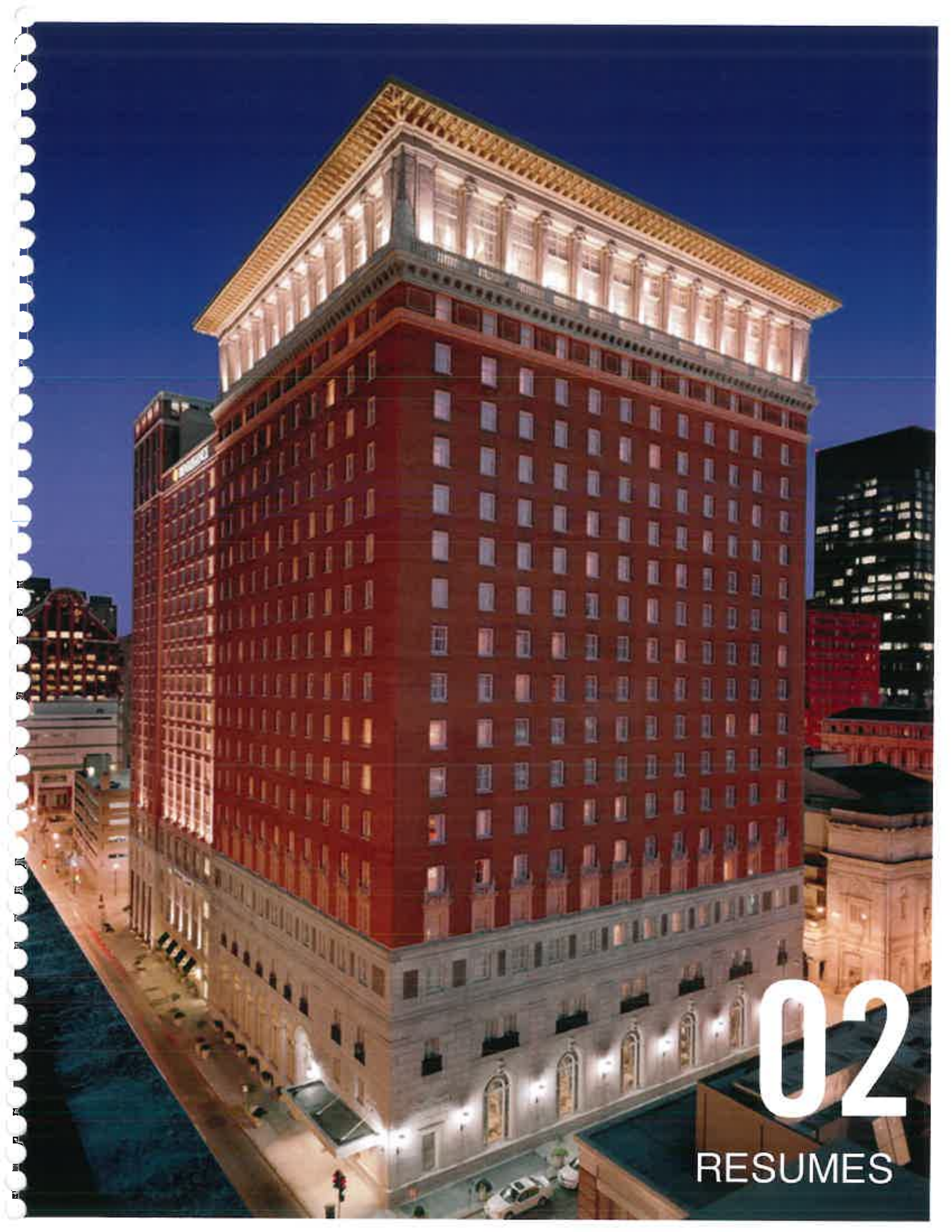
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St. Louis, Missouri
718.243.2044
jsmith@mvvainc.com

FRANK ROSARIO

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GSA Hipolito Federal Building
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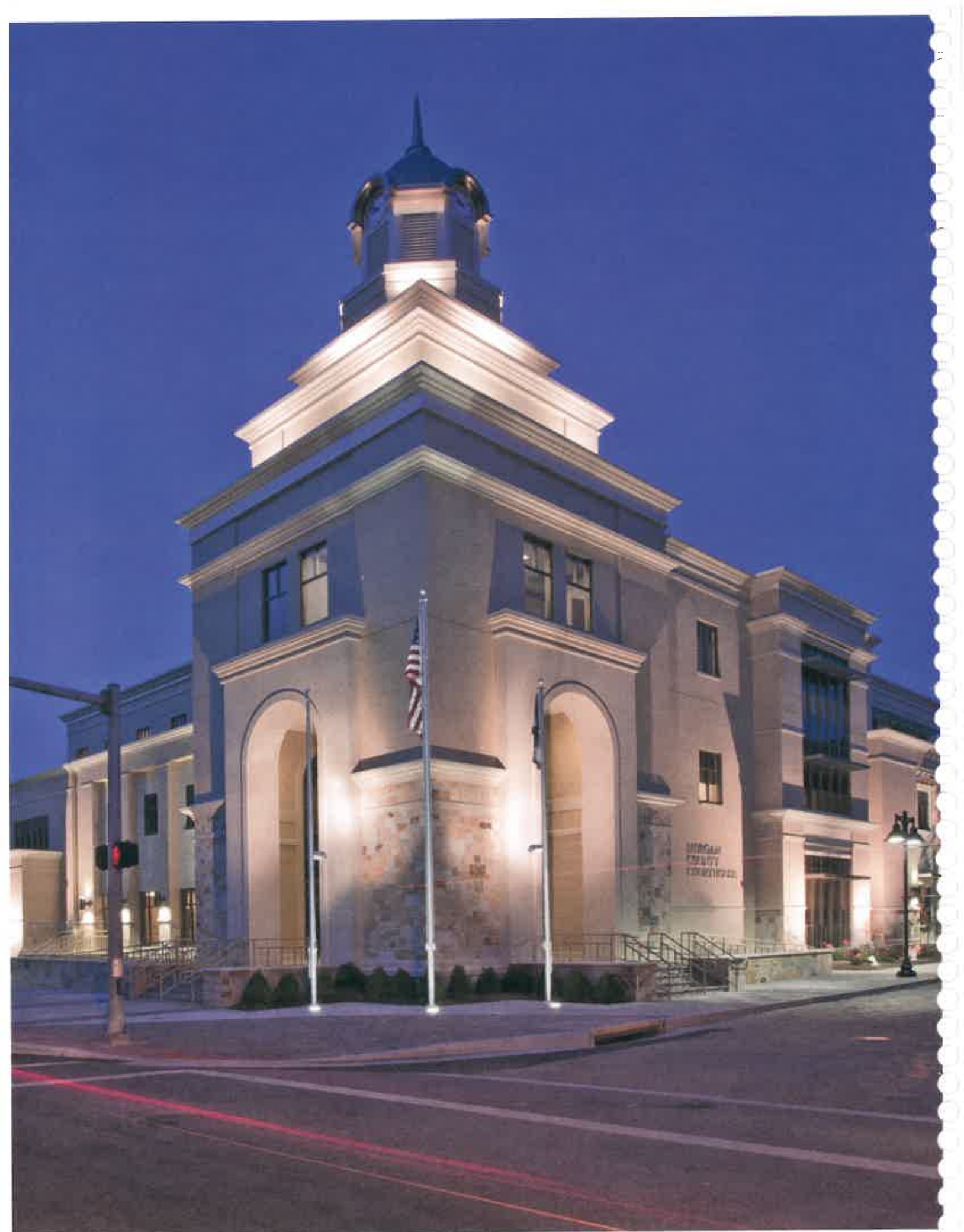
JENNIFER SWEET

Administrator
Gateway Foundation
Lighting of the Gateway Arch
St. Louis, Missouri
314.241.3337
jen.sweet@gateway-foundation.org



02

RESUMES





Jody S. Driggs AIA, NCARB
PRINCIPAL | DESIGN LEADER



Jody is a twenty-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.

PROFESSIONAL EXPERIENCE

20 years

EDUCATION

-Bachelor of Architecture
University of Tennessee, 1996

LICENSES & CERTIFICATIONS

-WV, MD, PA, VA, KY, OH, FL
-National Council of Architectural
Review Boards

PROFESSIONAL AFFILIATIONS

-President, American Institute of
Architects (AIA), WV Chapter,
2010-2011
-Past Vice President, AIA, WV Chapter, 2008-
2009
-AIA WV Scholarship Committee
-Council of Educational Facility
Planners International (CEFP)
-Board of Directors, YMCA of Kanawha Valley

AWARDS & RECOGNITION

-2018 AIAWV Honor Award
Cabin Creek Health Systems
-2016 AIAWV Merit Award
WVSV Walker Convocation Center
-2016 AIAWV Merit Award
The Summit Welcome Center
-2011 AIAWV Honor Award
Haddad Riverfront Park
-2009 AIAWV Honor Award
*Chesapeake Energy Eastern Regional
Headquarters*
-2010 AIAWV Merit Award
Bible Center Church
-2007 "Young Guns" Recipient
West Virginia Executive Magazine
-2006 "40 Under 40" Recipient
The State Journal
-2005 AIAWV Merit Award
WVSV Wilson Student Union

John Marshall High School Additions & Renovations | Moundsville, West Virginia

Chesapeake Energy Eastern Regional Headquarters | Charleston, West Virginia

Haddad Riverfront Park & Amphitheatre | Charleston, West Virginia

Beckley Stratton Middle School Renovation | Beckley, West Virginia

James C. Wilson Student Union | West Virginia State University

Dickenson County Judicial Center | Clintwood, Virginia

Glen Dale Elementary School Renovations | Glen Dale, West Virginia

Buchanan County Courthouse | Grundy, Virginia

River Ridge Church Additions & Renovations | Hurricane, West Virginia

Monongalia County Justice Center | Morgantown, West Virginia

Kanawha Valley Heart Specialists | South Charleston, West Virginia

Delaware County Judicial Building & Integrated Parking Deck | Delaware, Ohio

Seneca County Joint Justice Center | Tiffin, Ohio

West Virginia Young Life Camp | New River Gorge, West Virginia

Huntington Pediatric Dentistry & Orthodontics | Huntington, West Virginia

Dixon Hughes Goodman Renovation | Charleston, West Virginia

Campus Master Plan | West Virginia State University

Kanawha County Public Library Expansion & Renovation | Charleston, West Virginia

D. Stephen & Diane Walker Convocation Center | West Virginia State University

Cabin Creek Health Systems | Sissonville, West Virginia

Bible Center Church | South Charleston, West Virginia

Pulmonary Associates Medical Office Center | South Charleston, West Virginia

Franklin County Judicial Center | Chambersburg, Pennsylvania

Harrison County Judicial Center | Clarksburg, West Virginia

Gregory V. Monroe Athletic Complex | West Virginia State University

Martinsburg Municipal Courthouse & Police Headquarters | Martinsburg, West Virginia

Union County Courthouse & Law Enforcement Center | Marysville, Ohio

Joan C. Edwards Performing Arts Center Renovations | Marshall University

North & South Towers Residence Hall Renovations | Concord University

The Summit Welcome Center, Bechtel Family National Scout Reserve | Glen Jean, West Virginia

Judge Damon J. Keith Scholars Hall | West Virginia State University

Student Center Renovations | WVU Tech, Montgomery, West Virginia

West Virginia Lottery Headquarters | Charleston, West Virginia



Brian Estep AIA, NCARB
ARCHITECT | PROJECT MANAGER



Brian has twenty-four years of experience as an Architect and Project Manager with involvement in a multitude of building types, most notably within the education, commercial office, and judicial markets. He is primarily responsible for day-to-day project activities including programming, design, construction document production, and coordination of the architectural and engineering disciplines.

Prior to joining Silling in January of 2012, Brian served as a Senior Project Architect for another Charleston architectural practice. Additionally, he previously worked as a Project Architect in St. Petersburg, Florida at CBB Architects from 1997 to 2001 before returning to his home state of West Virginia. A graduate of the University of Tennessee in 1992, Brian has several notable awards to his credit including an AIA Tampa Bay Design Award for WUSF-TV Studios on the University of South Florida's Tampa campus, as well as an AIA WV Honor Award for the Erma Byrd Center for Public Higher Education located in Beckley, WV.

PROFESSIONAL EXPERIENCE
24 years

EDUCATION
-Bachelor of Architecture
University of Tennessee, 1992

LICENSES & CERTIFICATIONS
-WV

PROFESSIONAL AFFILIATIONS
-American Institute of Architects (AIA), WV Chapter
-Association of Learning Environments

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

AWARDS & RECOGNITION
-2016 AIAWV Honor Award, Dixon Hughes Goodman

John Marshall High School Additions & Renovations | Moundsville, WV

John Marshall High School Performing Arts Building | Glen Dale, WV

Raleigh County Schools Bond Projects | Beckley, WV

Glen Dale Elementary School Renovation | Glen Dale, WV

Dixon Hughes Goodman Office Renovation | Charleston, WV

Kanawha County Public Library Additions & Renovations | Charleston, WV

Martinsburg Municipal Courthouse & Police Headquarters | Martinsburg, WV

Frankford Elementary School Addition & Renovation Study | Frankford, WV

Stephen D. & Diane H. Walker Convocation Center, West Virginia State University | Institute, WV

West Side Elementary School | Charleston, WV *

Fort Gay PreK-8 School | Wayne County, WV *

Milton Middle School | Milton, WV *

Bradshaw Elementary School | Bradshaw, WV *

River View High School | Bradshaw, WV *

Big Otter Elementary School | Duck, WV *

Erma Byrd Center for Public Higher Education | Beckley, WV *

Applied Technology Center, Southern Community and Technical College | Williamson | WV *

West Virginia Housing Development Fund Headquarters | Charleston, WV *

Wood County Justice Center | Parkersburg, WV *

** Denotes experience from previous employment.*



Fred Pack ASSOCIATE AIA
CONSTRUCTION ADMINISTRATOR



Fred Pack joined Silling in February of 2012 serving as a Construction Administrator. In addition to having over 30 years' experience in the construction industry, Fred has served as a Project Superintendent over the last seventeen years. His responsibilities included a full range of construction supervision duties including coordination and scheduling of trade contractors, material suppliers and construction team employees, liaison for project owners and architects/engineers over the duration of projects, quality assurance, cost management, and safety program maintenance.

Specific projects under his supervision included the Monongalia County Justice Center, West Virginia Lottery Headquarters, Dickenson County Judicial Center, Putnam County Animal Shelter, St. Mary's Medical Center, Kings Daughter Medical Center, Delaware County Courthouse, and various K-12 schools throughout West Virginia and Ohio, just to name a few.

PROFESSIONAL EXPERIENCE
32 years

PREVIOUS EXPERIENCE

- Paramount Builders, Field Superintendent, February 2011 - 2012
- BBL Construction,, Project Superintendent, August 2000 - November 2010
- United Brotherhood of Carpenters and Joiners of America Locals #302 and 283, July 1984 - February 1994
- United States Air Force, Honorably Discharged, January 1981 - June 1984

PROFESSIONAL AFFILIATIONS

- American Institute of Architects (AIA), WV Chapter

Delaware County Courthouse & Integrated Parking Deck | Delaware, Ohio

Monongalia County Justice Center | Morgantown, West Virginia

Randolph County Regional Communications Center | Elkins, West Virginia

North & South Towers Residence Halls Renovation, Concord University | Athens, West Virginia

Dickenson County Judicial Center | Clintwood, Virginia

Lewis County Assessor's Office Renovation | Weston, West Virginia

Harrison County Courthouse Exterior Restoration | Clarksburg, West Virginia

St. Marys Medical Center* | Huntington, West Virginia

Kings Daughter Medical Center* | Ashland, Kentucky

Elder Beerman Stores Renovations* | Multiple Locations

Waverly City Schools* | Waverly, Ohio

Ironton City Schools* | Ironton, Ohio

Carswell Air Force Base, United States Air Force* | Fort Worth, Texas

Winfield Lock Replacement* | Winfield, West Virginia

Lewis County Judicial Annex | Weston, West Virginia

Seneca County Joint Justice Center | Tiffin, Ohio

Charleston Correctional Center | Charleston, West Virginia

Alexander Fine Arts Center Renovation, Concord University | Athens, West Virginia

River Ridge Church Additions & Renovations | Hurricane, West Virginia

West Virginia Lottery Headquarters* | Charleston, West Virginia

Cabell Huntington Hospital* | Huntington, West Virginia

Big Bear Food Stores Renovations* | Multiple Locations

Chesapeake Union Exempted Village Schools* | Chesapeake, Ohio

Portsmouth City Schools* | Portsmouth, Ohio

Dawson-Bryant Local School District* | Ironton & Coal Grove, Ohio

Plant Alvin W. Vogtle Nuclear Power Generating Plant* | Waynesboro, Georgia

Gallipolis Lock Replacement* | Gallipolis, Ohio

** Denotes experience from previous employment in the construction industry.*



Glenn Savage ASSOCIATE AIA, CSI-CDT
CONSTRUCTION ADMINISTRATOR



Glenn has been inspecting and administering construction projects throughout West Virginia for over eighteen years. His diverse experience in construction oversight includes educational, justice, healthcare, banking, law enforcement, recreational, and residential building types.

He is responsible for facilitating preconstruction meetings providing clear definition of project goals and owner expectations, reviewing contractor submittals, product samples, and shop drawings for conformance to the contract drawings and specifications, attending progress meetings to maintain clear communication with builders, observing installation of materials and systems to verify their conformance with the design intent, and monitoring the project schedule. His attention to detail and his thorough understanding of how buildings should go together give him strong construction administration abilities.

PROFESSIONAL EXPERIENCE
36 years

EDUCATION

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

PREVIOUS EXPERIENCE

- ZMM Architects & Engineers, Construction Contract Administration, 1998-2015
- Geotech, 1997-1998
- Battle Ridge Construction, 1992-1997
- H.C. Nutting Geotechnical Testing Engineers, 1981-1992

PROFESSIONAL AFFILIATIONS

- American Institute of Architects (AIA), WV Chapter
- Member CSI
- Kanawha Valley Leadership Course Graduate
- Maintained all certifications for WV DOT testing materials
- CSI -CDT

Marshall County Courthouse Interior Renovations | Moundsville, West Virginia

Marshall County Courthouse Exterior Restoration | Moundsville, West Virginia

John Marshall High School Additions & Renovations | Glen Dale, West Virginia

Buchanan County Courthouse Addition & Renovation | Grundy, Virginia

Canty House Roof Replacement, West Virginia State University | Institute, West Virginia

Multiple HVAC Replacements, West Virginia State University | Institute, West Virginia

Southern WV Community & Technical College* | Williamson, West Virginia

West Virginia State Police Offices* | South Charleston, West Virginia

West Virginia State Office Building #5 Renovations* | Charleston, West Virginia

Wood County Justice Center* | Parkersburg, West Virginia

Tucker County Courthouse Annex* | Parsons, West Virginia

Cacapon State Park* | Berkeley Springs, West Virginia

Blackwater Falls State Park* | Davis, West Virginia

Edgewood Elementary School* | Charleston, West Virginia

Ronceverte Elementary School* | Ronceverte, West Virginia

West Virginia Regional Jails* | Multiple Locations, West Virginia

East Greenbrier High School* | Lewisburg, West Virginia

Pendleton County Courthouse Columns Replacement & Porch Repairs | Franklin, West Virginia

Cabin Creek Health Center | Sissonville, West Virginia

Brooke County Courthouse Renovation | Wellsburg, West Virginia

West Virginia Governor's Mansion Elevator | Charleston, West Virginia

YMCA Locker Room & Fitness Room Renovations | Charleston, West Virginia

CAMC Teays Valley Intensive Care Unit* | Teays Valley, West Virginia

Highland Hospital* | Charleston, West Virginia

The Retreat at Glade Springs* | Daniels, West Virginia

Harts PreK-8 School* | Lincoln County, West Virginia

Yeager Airport Renovations* | Charleston, West Virginia

Divide Elementary School* | Lookout, West Virginia

Craigsville Elementary School* | Craigsville, West Virginia

Oak Hill Elementary School* | Oak Hill, West Virginia

Bridgeview Community & Technical College* | Montgomery, West Virginia

Jean Dean Public Safety Building* | Huntington, West Virginia

Alderson Federal Prison Camp* | Alderson, West Virginia

** Denotes experience from previous employment.*



Randy Burkett

FIALD, FIES, LC



Randy Burkett is the President and Design Principal of Randy Burkett Lighting Design, Inc. As Principal, he establishes design direction and oversees the management of the firm's projects.

Since he began professional practice in 1978, he has been responsible for the lighting of numerous national and international projects. He has designed the lighting for a diverse collection of environments including site developments and building exteriors, signature bridges, convention centers, museums, retail malls and stores, corporate offices, government facilities, health care facilities and laboratories. Before establishing his own firm, he spent eight years with the Lighting Design Group of Hellmuth, Obata and Kassabaum as its Director, and as a Vice-President of the company.

Randy is an active member of the International Association of Lighting Designers (IALD) and is both a former board member and past president. He is involved in IESNA Technical and Design committees including "Quality of the Visual Environment", Lighting for Outdoor Public Spaces and the "Color Metric Task Group". He has authored a wide variety of design and technical articles and is a frequent speaker to professional organizations on a variety of lighting design subjects. He has served as an instructor at the University of Colorado in Boulder and Maryville University in St. Louis; and is currently a member of the Adjunct Faculty of Washington University's Graduate School of Architecture.

EDUCATION:

- Bachelor of Architectural Engineering, Pennsylvania State University
- Institute of Advanced Architectural Studies; York, England
- University of Leeds; Leeds, England

MEMBERSHIPS:

- International Association of Lighting Designers (IALD) Fellow
- Illuminating Engineering Society of North America (IESNA) Fellow
- International Commission on Illumination (CIE)

PROJECT EXPERIENCE:

- Element
St. Louis, MO
- Renaissance Grand Hotel
St. Louis, MO
- American Queen Steamboat
New Orleans, LA
- Omaha Convention Center Hotel
Omaha, NE
- Grand Center
St. Louis, MO



Ron Kurtz
IALD, IESNA, LEED AP



Ron Kurtz is an Associate and Senior Lighting Designer for Randy Burkett Lighting Design, Inc. With the firm since 1990, he oversees project design and development.

Ron's responsibilities as the Senior Lighting Designer and Project Manager include the development of conceptual design which involves the determination of both aesthetic and technical requirements, the preparation of contract documents and specifications, as well as construction phase coordination and field observation. His lighting design experience includes three years with Grenald Associates, Ltd. in Philadelphia and Washington, D.C. Ron has been responsible for the design of large public spaces and lobbies, hospitality and conference facilities, office environments, exterior landscape and building floodlighting, themed entertainment parks, casinos and exhibits.

Ron is an active member of the International Association of Lighting Designers, currently serving on the Board of Directors and is a LEED Accredited Professional. He is also involved in the IESNA on both a local and national level, participating on the Energy Management Committee and was a member of ASHRAE's 90.1 Energy Standards Committee from 2001 to 2011. He has been a speaker on a number of lighting topics at professional and educational conferences.

EDUCATION:

- Bachelor of Architectural Engineering, Pennsylvania State University

MEMBERSHIPS:

- International Association of Lighting Designers (IALD)
- Illuminating Engineering Society of North America (IESNA)
- US Green Building Council LEED Accredited Professional (LEED AP)

PROJECT EXPERIENCE:

- Chase Park Plaza
St. Louis, MO
- Grove Park Inn
Asheville, NC
- Utah State Capitol
Salt Lake City, UT
- Quirk
Richmond, VA



Richard Fisher is a Designer with Randy Burkett Lighting Design, Inc. serving as a project level designer and project manager.

His responsibilities include the development and documentation of lighting and lighting control system designs, preparation and coordination of contract documents and specifications, as well as construction phase management and field observation. He performed similar duties for three and a half years in a multi-disciplinary role within the performance venue and lighting design groups for the New York office of ARUP. With additional experience working for a respected lighting manufacturer, he is able to provide key insights into project bidding and equipment pricing while playing a lead role on 'Owner-Purchased Equipment' projects to enable further cost savings. Rich's lighting project experience includes design for museums, architectural exhibits, hospitality, commercial and public spaces, infrastructure, landscape, exterior building illumination, and performance spaces.

Rich is the Regional Coordinator for the St. Louis area membership of the International Association of Lighting Designers (IALD). He is also active in the planning of local Illumination Engineering Society of North America (IESNA) events focused on design and networking with other professional design organizations. Rich's volunteer work includes serving as an organizing board member and producer of 'Grub and Groove', a one-day festival benefiting the non-profit Friends of Francis Park in St. Louis.

EDUCATION:

- Bachelor of Fine Arts Lighting Design, The Conservatory of Theatre at Webster University

MEMBERSHIPS:

- International Association of Lighting Designers (IALD)

PROJECT EXPERIENCE:

- CityArchRiver
St. Louis, MO
- Chase Park Plaza
St. Louis, MO
- Utah State Capitol
Salt Lake City, UT
- Lumiere Place
St. Louis, MO

James E. Eckman, PE, LC, LEED AP, CBCP

President - Electrical Engineer



Scheeser Buckley Mayfield



Education:

The University of Akron—BSEE/1984/
Electrical Engineering

Professional Qualifications:

Lighting Certified (LC)

LEED 2.1 Accredited Design Professional
Certified Building Commissioning Professional (CBCP)

Registered Professional Engineer (Electrical)
in State of Ohio, West Virginia, Wyoming,
North Carolina, and Pennsylvania

Mr. Eckman began his career as a consulting engineer by accepting a position as junior engineer with Kucheman, Peters and Tschantz, Inc., an electrical consulting firm in Akron, Ohio. After leaving KPT, Inc. in 1987, Mr. Eckman gained additional experience in the construction industry by accepting the position of Engineer/Estimator for Thompson Electric, Inc. in Munroe Falls, Ohio. Desiring to further his career as a consulting engineer, Mr. Eckman accepted a position of Senior Engineer with Scheeser Buckley Mayfield LLC in 1989. Mr. Eckman was promoted to the position of Associate in 1990, became a Principal in the firm in 1991 and Vice President of Electrical Engineering in 1992, and President in 2003.

At Scheeser Buckley Mayfield LLC Mr. Eckman 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 renovation. His experience as both a contractor and consultant provide valuable insight into the design and construction process.

Healthcare clients include Summa Akron City Hospital and St. Thomas Hospital, Aultman Hospital, Lake Hospital Systems, The Cleveland, Clinic, VA Brecksville and VA Wade Park, Massillon Community Hospital, St. Mary's Hospital and Cabell Huntington Hospital in Huntington, WV.

Higher Education clients include Kent State University, The University of Akron, Cleveland State University, NEOUCOM, Marshall University and West Virginia State University.

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

Work Experience:

Building 4 Assessment, State of WV
Charleston, WV

WV State Capitol Exterior Lighting
Charleston, WV

West Virginia Courthouse Surveys
Various Locations in WV

Wetzel County Courthouse
New Martinsville, WV

Morgan County Courthouse
Beckley Springs, WV

Kanawha County Public Library
Charleston, WV

Kevin M. Noble, PE, LEED AP

Principal - Civil / Fire Protection / Plumbing Engineer



Scheeser Buckley Mayfield



Education:

The University of Akron—BSCE/1987/Civil Engineering
Averett College - MBA/1991/Business Administration

Professional Qualifications:

LEED 2.1 Accredited Design Professional
American Society of Plumbing Engineers-(ASPE)
American Society of Civil Engineering-(ASCE)

Registered Professional Engineer (Civil/Fire Protection) in State of Ohio, West Virginia, Kentucky, Virginia, Florida, South Carolina

After graduating with a Civil Engineer degree, Mr. Noble accepted a position as a Water Resource Engineer at Dewberry & Davis, Inc., a top fifty engineering firm located in Washington, D.C. Mr. Noble was assigned to work on the firm's contract with the Federal Emergency Management Agency. His responsibilities included hydrologic and hydraulic analyses, flood plain delineations and storm water management facilities. Prior to leaving the company, he was promoted to project manager where he obtained valuable experiences in hydraulics and storm water control from projects involving the U.S. Army Corp of Engineers and Tennessee Valley Authority.

From Washington, D.C., Mr. Noble joined the staff of Elewski & Associates, Inc., a municipal civil engineering firm located in Independence, Ohio. There, he engineered a wide range of residential, commercial and industrial development projects and provided field support to facilitate timely completion of construction. Projects included public and private schools, athletic facilities, planned residential developments, multi-phased office parks, municipal building and retail centers. The site engineering involved design of water mains and pumps, sanitary sewers, force mains, pump stations and storm sewer and stormwater management systems. Prior to leaving, he was promoted to Village Engineer, in charge of plan review, infrastructure design, public work projects and construction inspection.

Mr. Noble joined Scheeser Buckley Mayfield LLC in early 1995 as a department head. Since that time he has participated and managed the design of numerous private and public civil, plumbing and fire protection projects, including prisons, healthcare, utility companies, universities, municipalities, churches, schools and Federal Government. Kevin is also a Professional Fire Protection Engineer and provides services for code analysis and design criteria, fire safety plans, fire suppression/sprinkler system designs, and fire system construction administration services. He attends local and national plumbing, fire protection and civil conventions and seminars to stay in tune with current developing technologies.

Work Experience:

Huntington Federal Complex
Huntington, WV

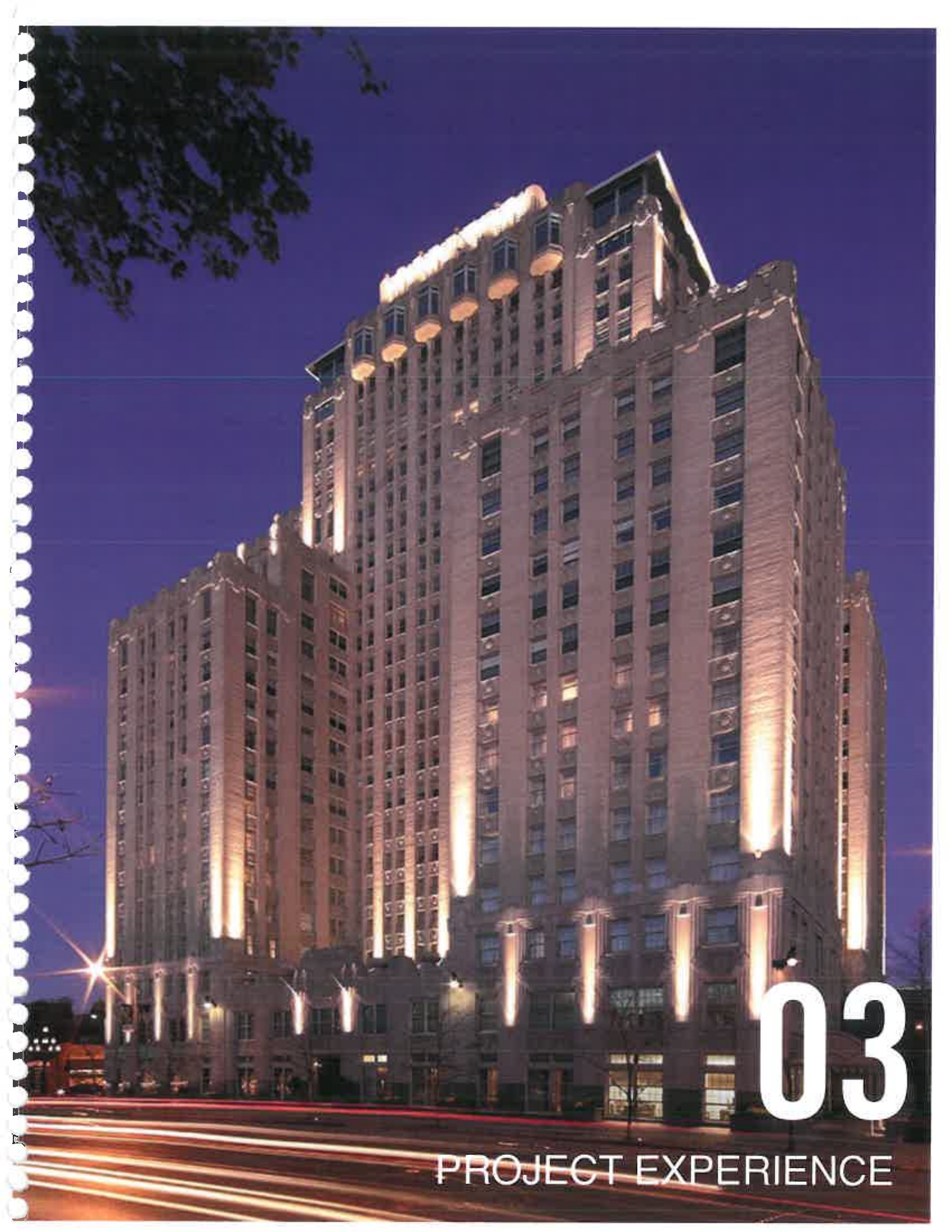
GSA Stokes Federal Courthouse
Cleveland, Ohio

Hampshire County Judicial Center
Hampshire County, WV

Lewis County Judicial Center
Lewis County, WV

Kanawha County Public Library
Charleston, WV

Monongalia County Justice Center
Morgantown, WV



03

PROJECT EXPERIENCE





Morgan County Courthouse

BERKELEY SPRINGS, WEST VIRGINIA

AIA WV | Honor Award for Excellence in Architecture

PROJECT TYPE

New Construction

SIZE

47,000 sq ft

CONSTRUCTION COST

\$11.2 million

STATUS

Completed in 2010

CONTACT

Glenn Stotler
Commissioner
p 1.304.281.9790

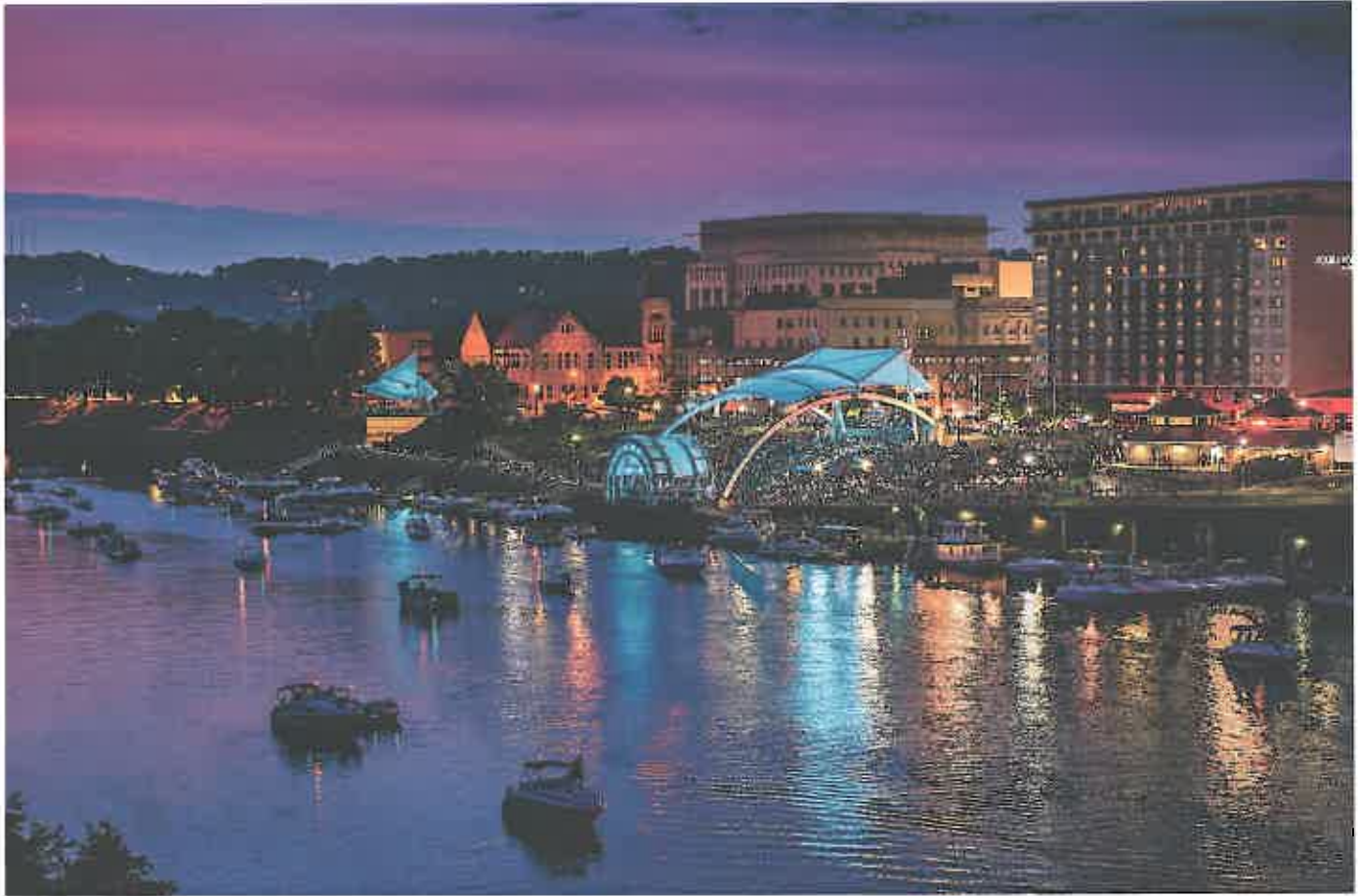
On August 8, 2006, fire destroyed the Morgan County Courthouse located diagonally across the main intersection from the state park. Constructed in 1924, it was the second courthouse located at the site and what would be considered as the most prominent public property in the community. It was a relatively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

After the fire, and despite an occasional public murmur suggesting the remains be leveled and the property be used as parking, the County leadership was immediately focused on rebuilding on the Courthouse site. A clear mandate from the community was to develop a design that was reminiscent of the old courthouse and add to the architectural character and the tourism spirit of Berkeley Springs. The new courthouse has a dominant corner entry element that anchors the building composition and addresses both Fairfax and Washington Streets responding to the current urban circulation patterns, by contrast to the single entry from Fairfax Street of 1924.

The entry element features two grand retro-classical stone arches, reminiscent of the historic building entry, yet enlarged to the scale of the two-story volume of the entry plaza. The corner element features a lighted clock-tower that recalls the 1924 cupola. The new entry responds to the presence of the state park and the central business district located along the Fairfax Street edge and the shops located across Washington Street.

The building program includes a mix of county administrative offices on the first floor and county judicial functions including Circuit Court, Family Court and Magistrate Court on the second and third floors. The design includes best practice principles of public screening at the access point to vertical circulation, and clear separation of public, staff and in-custody litigants. The technical systems include state-of-art access control, courtroom digital switching and evidence presentation technology.

SILLING
ARCHITECTS



Haddad Riverfront Park

CHARLESTON, WEST VIRGINIA

AIA WV | Honor Award for Excellence in Architecture

PROJECT TYPE
New Construction

CONSTRUCTION COST
\$2.9 million

STATUS
Completed in 2010

CONTACT
David Molgaard
City Manager
p 1.304.348.8014

Haddad Riverfront Park was built in 1993 as a 36,000 square foot concrete amphitheater on the banks of the Kanawha River in downtown Charleston, WV. It is a regional gathering place for people to celebrate holidays and city festivals, listen to music and enjoy watching the river traffic. In 2008, the City of Charleston organized a committee to investigate ways of making the park more user friendly and visually appealing, connecting city to park and park to river. With no shade, warm sunny days create an inhospitable environment on the concrete surface which radiates heat even during the evening hours. With only a row of flagpoles and a small sign, there was no way to identify the park as a significant public space from street level. The team at Silling was hired by the City of Charleston to address five separate projects: a shade structure (canopy) for the center section of seating, a permanent performance stage, a pavilion, streetscape and boat docks.

The primary design objectives of the canopy were to create a unique and iconic structure celebrating Charleston's "front porch", to provide shade for people and amphitheater surface keeping the concrete cool, and the canopy was required to allow unobstructed views of the sky for viewing fireworks during city festivals and holidays. A tensile fabric and steel structure was designed for its ability for long spans with a single large fabric panel to retract toward and away from the stage.

The design objectives of the performance stage were to provide an intimate connection between audience and performers- both on land and in the water, to honor the long history of this place as a river port going back to the mid-nineteenth century, to be easily maintained after occasional floods, and accommodate the Charleston Symphony Orchestra.

The design objectives of the Pavilion were to provide a primary visual connection of the park to downtown, to create a community pavilion for recreation, lunches, gathering space and informal street level performances. Court Street is the main north/south street running from the western edge of the park through Charleston's downtown. The Pavilion is another steel and tensile fabric structure, adding to the new iconic language of the Stage and Canopy. The technology offers a great deal of form making freedom and expression, and the Pavilion is as sculptural as it is functional. The nautical theme is continued suggesting a sailing yacht along the river. The structure is 50 feet tall, 50 feet long and 38 feet wide, and sits on a prow-shaped concrete platform with a lower terrace connecting the park's lower walkway. This terrace will be the access point to the future dock system, which is expected to be constructed in the summer of 2011.

SILLING
ARCHITECTS



Kanawha County Public Library Expansion & Renovation

CHARLESTON, WEST VIRGINIA

PROJECT TYPE

Additions & Renovations

SIZE

20,000 gsf (New)
60,000 gsf (Renovated)

CONSTRUCTION COST

\$21 million

STATUS

Design Phase

CONTACT

Monika Jaensson, President
KCPL Board of Directors
p 1.304.357.9924

Libraries are an imagination wonderland. The books, movies, music, computers and information inside take you on a journey of exploration to different countries, centuries and even worlds. Libraries are needed now more than ever as resources, gathering places ... where dreams come true.

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 proposed third floor covered walkway above Quarrier Street that 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.

The exterior of the existing building will receive work ensuring the extension of its life. The limestone will be cleaned and the joints repointed where necessary and the roof will be replaced to prevent water intrusion at the exterior. New windows will be placed in the existing openings and the large arches along Quarrier Street will be opened up with large windows that recall the building's original design. The building's infrastructure will be completely replaced with new, more energy efficient equipment and fixtures. A new fire alarm and sprinkler system will be added to the existing building as part of the new construction to comply with current Life Safety Code requirements.

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.

SILLING
ARCHITECTS



Raleigh County Judicial Center

BECKLEY, WEST VIRGINIA

AIA WW | Honor Award for Excellence in Architecture

PROJECT TYPE
New Construction

SIZE
70,000 gsf

CONSTRUCTION COST
\$15.6 million

STATUS
Completed in 2012

CONTACT
Dave Tolliver
Commissioner
p 1.304.255.9146

The new Raleigh County Judicial Center is located on a tight urban infill sight at the main intersection in the center of uptown Beckley, West Virginia. The intersection marks the convergence of the historic Raleigh County Courthouse, the Robert C. Byrd Federal Courthouse, and the new Raleigh County Judicial Building. The new 70,000 square foot judicial center features three state-of-the-art circuit courtrooms, a future fourth circuit courtroom, two magistrate courtrooms, a third future magistrate courtroom, and two family courtrooms. A secure vehicular sally port is accessed from the lower level located along north side of the building. A central holding component allows for detainees to be safely and securely transported into the facility, and then vertically via secure elevators with direct access to the courtrooms. Additionally, the courts are supported by the Circuit and Magistrate Clerks, with related service, administrative, and records storage space.

The design of the Judicial Center responds to the urban context addressing the intersection with a clock tower/ vertical circulation component on axis with the pedestrian walk and courthouse green-space. The building edge is directly adjacent to the city sidewalk bordering both significant elevations. The long west elevation features a colonnade relating to a similar feature in the Federal Courthouse and allows site-lines for pedestrians and vehicular traffic to the historic county courthouse to be expanded upon arrival to the city center. The architectural expression takes its cues from both courthouses. The fundamentals of building massing, proportion, rhythm, scale, materials, and fenestration are extracted and integrated to relate to yet establish a new identity for the new facility.

SILLING
ARCHITECTS



Delaware County Courthouse

DELAWARE, OHIO

PROJECT TYPE
New Construction

SIZE
166,300 gsf

CONSTRUCTION COST
\$39.3 million

STATUS
Completed in 2017

CONTACT
Jon Melvin
Facilities Manager
p 1.740.833.2280

Delaware County, Ohio is the fastest growing county in the state of Ohio with a population set to exceed 200,000 by 2018 (population 67,000 in 1990). This explosive growth, in addition to similarly increasing court caseloads and the recent addition of a new Domestic Relations Court Judge, necessitated the design and construction of a new courthouse on the county seat's judicial campus exclusively for county court operations.

The new 160,000 square foot courthouse includes administrative office departments for the Clerk of Courts, Adult Court Services, and the Common Pleas Court. The upper levels include three large courtrooms and six hearing rooms with supporting judges' chambers, jury deliberation and administrative spaces. The third floor accommodates a grand jury room, as well as jury queuing and assembly spaces. A below grade parking garage supports protected judges' and staff parking as well and provides access to secure vertical circulation paths to the floors above. The garage also houses an inboard sallyport with central holding that offers isolated secure elevator transport of detainees to intermediate holding cells between the court sets. A secondary staff entry at grade graciously connects the neighboring county

administration building inhabitants to secure staff circulation cores within the new courthouse.

Through in-depth reviews with the local historic preservation committee and zoning commissions, the design concept responds with an elegantly moshed contextual nod to the Italianate fabric of historic Delaware while stepping into a modernized composition of progressive materials and forms on the exterior. The North Sandusky Street elevation marries the storefronts of the historic downtown to the neighboring Hayes building in a transitional zone abutting the less dense and beautifully ornate array of houses in the residential district. The main entry appropriately resides opposite the street front toward an inviting plaza directly off the much-used public parking lots serving the judicial campus. Entry and circulation is clearly articulated on this elevation by an open and vast lobby for queuing and screening immediately adjacent to the public stair and elevator core. Upon arrival to the court floors, a large expansive curtain wall wraps the building expressing public circulation while exuding the transparency of the court system and spilling daylight into the unnerving environment of trial participation.



Bible Center Church

CHARLESTON, WEST VIRGINIA

PROJECT TYPE

New Construction

SIZE

70,000 gsf

CONSTRUCTION COST

\$15.6 million

STATUS

Completed in 2012

CONTACT

Lee Walker
Bible Center Church
p 1.304.346.0431

“Come. Live. Grow. Talk.” This simple statement, etched in stone at the entrance of the new Southridge Campus, illustrates the personal, relational nature of the ministries of Bible Center Church. When Bible Center outgrew its existing campus, a 96 acre parcel was purchased for the multi-phased relocation of the worship services, administration, daycare, preschool, and private elementary school functions. Having selected such a picturesque, natural setting, the primary concept of the church leadership and design team was to develop a campus intimately connected to nature and reflective of the culture of West Virginia. A design solution was sought that could foster a welcoming spirit where people feel drawn, comfortable, and open to the message and ministries of the church while developing strong personal connections through fellowship.

Phase 1 of the campus master plan includes a 1,200 seat interim worship space conducive to a range of worship styles and settings. Flexibility drove the functional characteristics of the room, which will ultimately serve as a multipurpose fellowship hall for dramatic presentations, receptions, conferences, and dinners after the Phase 3 Sanctuary is constructed. Entry and way-finding is marked very strongly through the development of the lobby, or “Gathering Space” of Phase 1. The architectural detailing of this space, as well as its entrance canopy, works to establish the posture of the building’s character and convey the ministry attitude of Bible Center. In addition to pre and post service fellowship functions, the Gathering Space

is open throughout the week where people are encouraged to meet, relax, and have a cup of coffee. The two-story fireplace and scripture engraved mantle, along with the richly textured fabrics, stonework, slate, and wood trim presents a comfortable, iconic image connecting with users at a familiar and personal level.

In developing great worship venues for all ages, the upper floor of the building houses six large adult classrooms, similarly detailed with many elevated views to the site. The lower level of Phase 1 is focused on the nursery and children’s ministries and is anchored by the Children’s Theatre, a heavily themed 180 seat worship space detailed with a woodland shed stage, indoor trees, and camp-style light strings. The finishes of the children’s spaces are playful and vibrant while maintaining a connection to the earthy tones of the design concept.

In embracing a non-traditional solution to meet the complex needs of this vibrant congregation, the church and design team pursued an architecturally and culturally relevant design to speak to the hearts of past, present, and future members of the church and the Charleston community. It is the first step in a bold venture for the thriving ministries of Bible Center Church.

AIA WV | [Merit Award for Achievement in Architecture](#)

SILLING
ARCHITECTS



Franklin County Courthouse

CHAMBERSBURG, PENNSYLVANIA

PROJECT TYPE

New Construction & Renovations

SIZE

130,000 GSF

CONSTRUCTION COST

\$42 million

STATUS

Design Phase

CONTACT

John Hart
County Administrator
p 1.717.261.3812

Franklin County, PA is rich with history and culture; its vibrant county seat of Chambersburg is presently bustling with growth. This, in turn, has instigated a necessary expansion of spatial requirements for county court operations. The historic 1860's courthouse is the centerpiece of the eclectic storefronts throughout the downtown and is situated on the expansive main public square with turn-about. Silling has been working with local county officials to create an addition beholding to the existing courthouse (with previous additions) while creating an architectural showpiece of the present era.

The new 130,000 gsf judicial center includes administrative office departments for the Clerk of Courts, Public Defender, Juvenile Probation, Adult Probation, and the District Attorney. The upper levels include courtrooms of varying sizes and supporting judges' chambers and admin spaces. The subterranean sallyport with central holding offers isolated secure elevator transport of detainees to intermediate holding cells between the courtsets. Below grade protected judges' parking provides access to secure vertical circulation paths to the chambers above. The existing courthouse

(with additions) has been partially reprogrammed to support a portion of the aforementioned departments. A subtle and unobtrusive pedestrian bridge softly engages the former structure to intermingle all court activities. The high volume entry lobby is strategically placed biaxially with the historic courthouse to further bow in formal significance, yet houses the single point of entry for queuing and screening. The approach to the welcoming entry portico is served by a grand stair and a subtractive treatment of the colonnade opposite the infilled lobby condition. This extends the rhythm of the courthouse's vertical fenestration and provides a covered portico leading to the largely accepting glass storefront entry doors. The massive footprint is broken down by sections of neo-traditional brick character reflections infilled with fully transparent modern hyphens. This assists in complimenting the contextual storefront proportions with a systematic rhythmic character on the main street elevation. Silling has enjoyed the opportunity to delicately blend the formula and achieve a highly integral solution to serve the residents of Franklin County for many years to come.



Monongalia County Justice Center

MORGANTOWN, WV

AIA WV | Honor Award for Excellence in Architecture

PROJECT TYPE

Adaptive Reuse of Former
Federal Office Building
& Post Office

SIZE

84,000 gsf + Parking Garage

CONSTRUCTION COST

\$17.3 million

STATUS

Completed in 2016

CONTACT:

Rennetta McClure
County Administrator
p 1.304.291.7281

Originally built in the 1970s, the former Harley O. Staggers Federal Building and regional post office presented a very unique and exciting opportunity to serve the growing judicial services of Monongalia County. Having been vacant and closed for more than eight years, county leaders would ultimately purchase the 84,000 square foot, four-level building in 2007. The project made responsible use of the public investment while also contributing to the overall reduction of environmental impact in reuse of the existing building stock. The design's resulting expression provided a strong community presence with an elegant exterior facelift while also introducing a more ordered, functional and secure setting for the County's court operations.

The new Justice Center building occupies a 1.26-acre site situated on the southern side of downtown Morgantown. The site included an enclosed parking garage attached to the rear of the building and an exposed rooftop parking deck which now affords secure judges and staff parking. Vehicular access is also provided for detainee transport vehicles to reach a secure sallyport drop-off zone with immediate adjacency to central holding in the basement. The "reimagined" building front creates dramatic views of the immediate downtown and distant mountainous geography, as well as offering a calming abundance of natural daylighting to the public realm of the building.

The design implements three major ideas: clear and well-defined public spaces with a strong sequence from the entry to the courtrooms; introduction of natural daylighting; and the use of high contrast interior finishes to create dignified spaces. High volume functions of the court are located near the lobby and on lower floors. The circulation is simple, direct and distinctly separated into public, private and secure paths of movement. An advanced access control system integrated with building surveillance cameras provide the security staff with complete control of passage between these circulation networks.

Courtrooms are located on the upper floors stacked and grouped inwardly oriented on the floor plan. They are served by intermediate secure detainee elevators and holding cells as well as jury deliberation rooms in immediate adjacency. A jury assembly area is presently located in a shell space for a future 4th circuit courtroom on the 3rd floor. Courtrooms are equipped with zoned lighting as well as state-of-the-art technology and audio visual features including interactive monitors, evidence presentation cart, sound system with assisted listening, and large format screens with video conferencing capabilities all fully operational from sophisticated bench control software.

PROJECTS

Exterior Structures

Light can be a powerful force in a project's success when insightful, creative design is brought to bear during the development of its exterior identity. From the stateliness of a historic capitol to the splendor of one of the world's most recognizable monuments, Randy Burkett Lighting Design has been responsible for the illumination of a diverse collection of buildings and structures across the globe.



Utah State Capitol
Salt Lake City, UT



Gateway Arch
St. Louis, MO



Lenox Square
Atlanta, GA



Old Post Office and Customs House
St. Louis, MO



The Martin Luther King, Jr. Memorial
Washington, D.C.



Chase Park Plaza
St. Louis, MO

PORTFOLIO

Utah State Capitol

Salt Lake City, UT



OWNER/CLIENT:

State of Utah

LOCATION:

Utah State Capitol Restoration in
Salt Lake City, Utah

DESIGN TEAM:

Schooley Caldwell Associates, VCBO
Architects, MUSA Architects

CONSTRUCTION COST:

Withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Project Delivery
- Lighting Controls

AWARDS & RECOGNITION:

*International Association of Lighting
Designers*
Award of Excellence

Illumination Engineering Society
IIDA Award of Merit

Architectural Lighting Magazine
Award of Merit

A true testament to the process of collaboration, the restoration of the Utah State Capitol would not be the success that it is had it not been for the team's dedicated efforts from the project's earliest planning stages. The Beaux Arts influenced building is home to one of the finest collections of early 20th century architectural lighting.

The exterior of the 300-foot-tall dome is softly, but precisely, lit from the rooftop corners with 400W metal halide floodlights. Additional layers of illumination highlight the lower portion of the dome's drum and portico of Corinthian capitals on the facade.

For the interior, luminaires were recreated using archival photographs as reference and working from the extant decorative castings. The team always gave thought to both the look of the fixture as well as the quality of light emanating from it. To address the vast array of luminaires and variable conditions, eight interchangeable, multi-lamp reflector assemblies were designed.

<https://rbldi.com/portfolio/utah-state-capitol/>

▲ PORTFOLIO

Gateway Arch

St. Louis, MO



OWNER/CLIENT:

The Gateway Foundation, The National Park Service

LOCATION:

Jefferson National Expansion Memorial Gateway Arch in Saint Louis, Missouri

CONSTRUCTION COST:

Withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Project Delivery

AWARDS & RECOGNITION:

Illumination Engineering Society
IIDA Award of Excellence

International Association of Lighting Designers
Award of Merit

Eero Saarinen's Gateway Arch had stood unlighted for over 35 years, when Randy Burkett Lighting Design was commissioned to provide a design that would successfully reveal and celebrate the world renowned monument. It was an extreme technical and artistic challenge. At the outset of the project, it was dictated by the National Park Service that this design illuminate the 205m high stainless steel monument with a lighting system that would be virtually invisible by day, responsive to the site's archaeological concerns, absent of reflected glare to surrounding highways, and sensitive to one of the nation's busiest bird migratory flyways.

Out of 3 ½ years of design formulation, presentations, computer analysis, and full scale on-site mockups, an innovative short-arc xenon lighting system was determined to be the best solution. Using precision reflector optics and managing individual luminaire light distributions with lenses and automated louvers, a beautifully sculpted form was realized. All equipment was concealed below grade in four light "pits" covered by a custom designed, narrow-profile grating material. A laser detecting atmospheric monitor was incorporated into the control systems to provide automatic shut-off of the lighting during weather conducive to disorienting light scatter.

<https://rblidl.com/portfolio/gateway-arch/>

▲ PORTFOLIO

Old Post Office and Customs House

St. Louis, MO



OWNER/CLIENT:

The DESCO Group

LOCATION:

United States Old Post Office and
Customs House in St. Louis, Missouri

DESIGN TEAM:

Trivers Associates

CONSTRUCTION COST:

withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Project Delivery

AWARDS & RECOGNITION:

Illumination Engineering Society
IIDA Award of Merit

The Old Post Office and Customs House located in St. Louis, Missouri is on the National Register of Historic Places, and one of the most storied historic structures in the General Services Administration's inventory. The 1872 Second Empire style masterpiece is one of the finest of its kind still in existence. The building is occupied by a State Court of Appeals, offices for the State Attorney General, a local university branch campus, a library, and a community newspaper.

The restoration of the building was a meticulous undertaking. The GSA, Department of the Interior, FEMA's National Advisory Council and several historic watchdog agencies were all involved at some level in review or approval of design undertakings. The nearly 3-year design and approval process was comprehensive

<https://rblldi.com/portfolio/old-post-office-customs-house/>

▶ PORTFOLIO

Chase Park Plaza

St. Louis, MO



OWNER/CLIENT:

Kingsdell

LOCATION:

The Private Residences at Chase Park Plaza in St. Louis, MO

DESIGN TEAM:

Klitzing Welsch Associates

CONSTRUCTION COST:

withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Project Delivery

The imposing Chase Park Plaza rises to the west of Saint Louis' Forest Park, site of the 1904 World's Fair and Summer Olympic Games. For many years a hotel-only property, the late 1990's brought a redevelopment that transformed over half the livable square footage into luxury condominiums. Most recently, its ongoing makeovers have served as a catalyst for other residential tower development in the adjacent Central West End, a vibrant district with a European sensibility. The building owners believed that the 1929 Art Deco-style structure needed to have a greater nighttime presence on the Park and serve as a majestic, soaring entry into the neighborhoods over which it loomed.

As the selected lighting design team, Randy Burkett Lighting Design spent nearly a year documenting and studying the immense structure to determine how to best portray it in an elegant, sophisticated and stately fashion. Sensitivities of light encroachment into residential windows and terraces, sky glow, and a client desire to minimize energy use, limited design concept and implementation options. The resultant scheme exceeded all of the owner's wishes with its careful, yet astute use of light to celebrate the architecture's grandeur, while remaining good neighbor to both building occupants and the surrounding community.

<https://rblldi.com/portfolio/chase-park-plaza/>

▲ PORTFOLIO

Renaissance Grand

St. Louis, MO



OWNER/CLIENT:

HRI Properties

LOCATION:

Renaissance Grand & Suites in
Saint Louis, Missouri

DESIGN TEAM:

RTKL, ForrestPerkins

CONSTRUCTION COST:

withheld

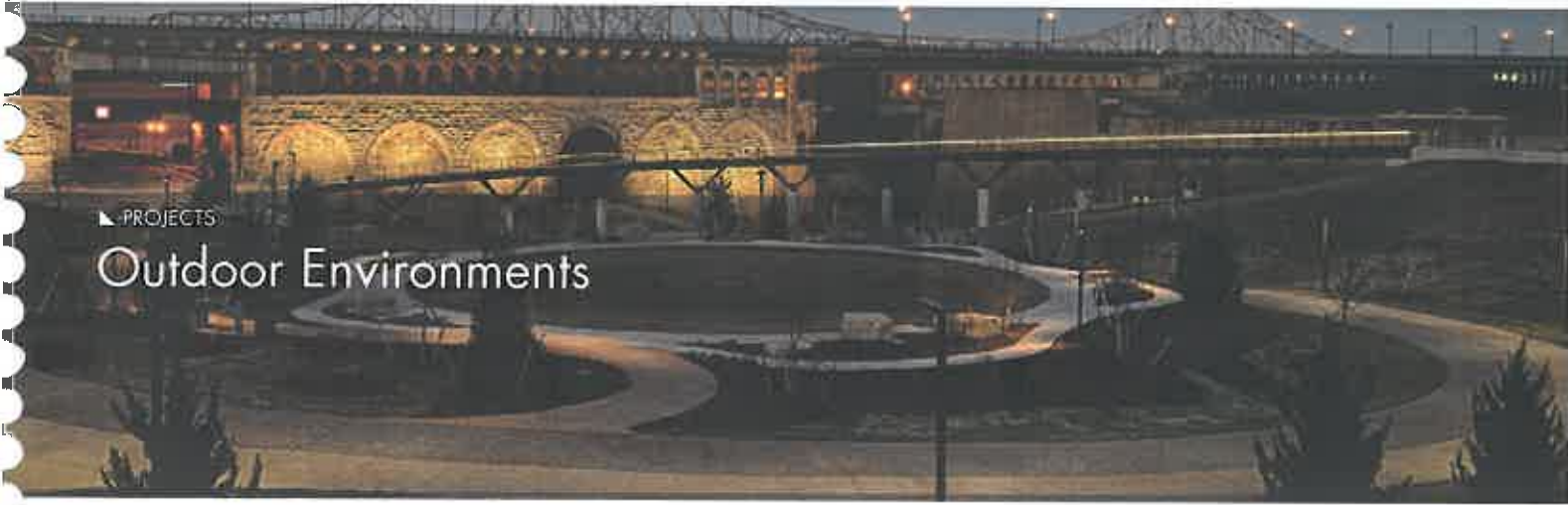
SERVICES:

- Conceptual & Planning
- Documentation
- Project Delivery

Against all odds, a landmark hotel that defined excellence in St. Louis in 1917 as the Statler Hotel has triumphantly emerged from years in limbo as the Renaissance Grand Hotel. The restoration and expansion, designed by RTKL, architect, ForrestPerkins, interior designers, and Randy Burkett Lighting Design, lighting designer, not only provides modern luxury accommodations, including the original, 275 room hotel, a new 600-room tower and a new, 55,000 square-foot ballroom and meeting facility atop an adjacent parking structure. It also returns the lobby, atrium, and 22nd-floor ballroom to their original appearance.

Balancing the historic precedence with contemporary need, the lighting design helps integrate old and new spaces. Dramatic lighting embellishes the original atrium as the staging area for the hotels three-meal restaurant. Lighting even rejuvenates the historic facade, thanks to recreates sconces holding high-efficiency lamps and luminaires concealed in the original cornice.

<https://rbldi.com/portfolio/renaissance-grand/>



PROJECTS

Outdoor Environments

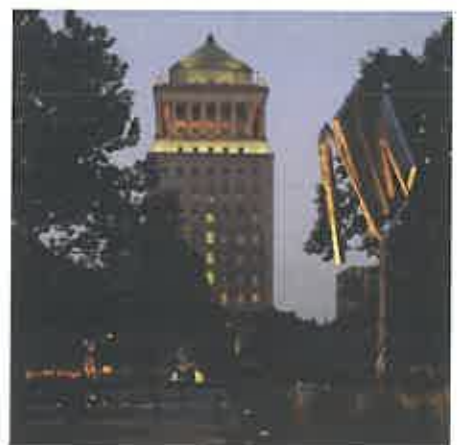
An inspired nighttime lighting design can transform a pedestrian space. It can foster social interaction, improve orientation and wayfinding, increase safety and heighten the perception of security. When its role is well understood, light can be made to reveal the outdoor world in either subtle or dramatic ways.



CityArchRiver
St. Louis, MO



Bearden Park
Charlotte, NC



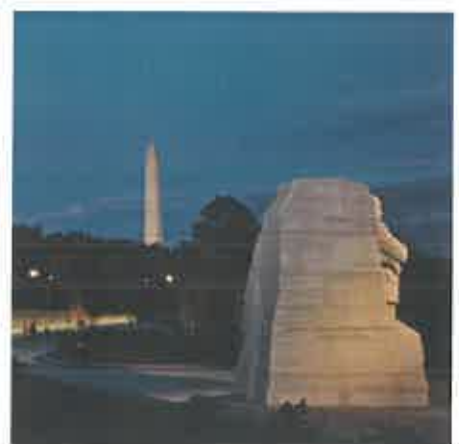
Citygarden
St. Louis, MO



Kiener Plaza
St. Louis, MO



Cortex
St. Louis, MO



The Martin Luther King, Jr. Memorial
Washington, D.C.



PORTFOLIO
CityArchRiver
St. Louis, MO



OWNER/CLIENT:

CityArchRiver
The National Park Service
Michael Van Valkenburgh Associates

LOCATION:

Jefferson National Expansion Memorial
(U.S. National Park), St. Louis, Missouri

DESIGN TEAM:

Michael Van Valkenburgh Associates

CONSTRUCTION COST:

\$300-400 million

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Lighting Controls
- Project Delivery

Designed by world-renowned landscape architecture firm Michael Van Valkenburgh Associates, CityArchRiver 2015 connects the Gateway Arch grounds with the East and West riverfronts, and the region beyond. Through the creation of new spaces for events and public education, expanded museum space, additional park acreage and bicycle trails, children's play areas, performance venues and a lively, invigorated riverfront, locals and tourists alike will find new opportunities to learn, linger and enjoy one of the world's most recognized icons.

Randy Burkett Lighting Design is designing illumination for the restoration of the Arch grounds, as well as the new North Gateway park, Old Courthouse Plaza, Luther Ely Smith Park and various green space connections to surrounding City neighborhoods.

<https://rblldi.com/in-the-news/project-focus-cityarchriver/>



▲ PORTFOLIO

Bearden Park

Charlotte, NC



OWNER/CLIENT:

Mechlenburg County Park & Recreation Department

LOCATION:

Romare Bearden Park in Charlotte, North Carolina

DESIGN TEAM:

LandDesign

CONSTRUCTION COST:

\$11 million

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Lighting Controls
- Project Delivery

This 5.4 acre urban park is inspired by the work of internationally known artist and Charlotte native son Romare Bearden. The master plan and overall design evokes Bearden and his use of memory as triggers for inspirational experiences. This influence resulted in a diverse mix of urban park elements including a variety of discovery gardens, a courtyard shaded by articulated tree canopies, and sweeping pedestrian paths expressing both movement and reflection. A formalized event space dissolves into a large open green for both informal interaction and organized gatherings, highlighted by a play area with visitor engaging digital chimes and waterfalls.

Lighting reinforces orientation, way-finding, and the special moments that embrace the spirit of Romare Bearden while providing a safe, secure, and often playful environment. The use of LED technologies throughout much of the park addressed concerns of the City's long term operation and maintenance.

<http://rbldi.com/portfolio/bearden-park/>



▲ PORTFOLIO
Citygarden
 St. Louis, MO



OWNER/CLIENT:

Gateway Foundation

LOCATION:

Citygarden in St. Louis, Missouri

DESIGN TEAM:

Nelson Byrd Woltz Landscape Architects
 Studio Durham

CONSTRUCTION COST:

Withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Project Delivery

AWARDS & RECOGNITION:

Illumination Engineering Society
 2010 IES Illumination Award of Merit

Illumination Engineering Society
 IESNY Lumen Award of Merit

Urban Land Institute
 2011 America's Outstanding Open Urban Space

Randy Burkett Lighting Design served as one of two lead lighting designers to have been involved in Citygarden, one of the most exciting urban projects in downtown St. Louis, Missouri in over forty years. It opened to critical and public raves in 2010, with lighting playing a particularly critical role in its nighttime success.

Framed by office towers, two formerly vacant blocks were transformed into a vibrant, yet sensitive blending of lush plantings and internationally renowned sculpture; with delights of water, stone, architecture, and design. Randy Burkett Lighting Design's role included the design of illumination for all of Citygarden's artwork and sculptural pieces, as well as the site's only public building, the Terrace Cafe.

Funded by The Gateway Foundation, the Citygarden project won the Urban Land Institute 2011 Urban Open Space Award for outstanding open urban space in America.

<http://rbldi.com/portfolio/citygarden/>

PORTFOLIO

Cortex

St. Louis, MO



OWNER/CLIENT:

Wexford Science + Technology

LOCATION:

Cortex Innovation Community in Saint Louis, Missouri

DESIGN TEAM:

SWT Design

CONSTRUCTION COST:

withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Project Delivery

Located in the midtown sector of St. Louis, the Cortex Innovation Community has rapidly grown into a nexus for biotech companies and those that support them. Situated adjacent to one of the country's largest hospital complexes, the research neighborhood has served as principal catalyst for the area's urban renaissance including residential, street side retail, restaurants and other service focused development. With immediate proximity to both mass transit and bicycle-centric connections, the energetic area is set for even greater growth.

The community centerpiece is a three city block long park and half mile of streetscape that occupies the central corridor. It serves as gathering space, social hub, special events focus, and as a progressive symbol for the neighborhood's renaissance. Lighting design played an important role, both day and night, in establishing the desired visual vocabulary for the central core. Linear lighting elements integrated in walkways, terraces, and seating elements reveal landscape design elements while bollards and pedestrian poles provide a human scale and appropriate lighting levels. 30' tall poles provide anchors for a catenary system as well as floodlights and framing projectors to support larger community events.

<https://rbldi.com/portfolio/cortex/>

▲ PORTFOLIO

The Martin Luther King, Jr. Memorial

Washington, D.C.



OWNER/CLIENT:

The Martin Luther King, Jr. Foundation

LOCATION:

The Martin Luther King, Jr. Memorial in Washington, D.C.

DESIGN TEAM:

ROMA Design Group, McKissack & McKissack, Lei Yixin, and in partnership with David Mintz

CONSTRUCTION COST:

withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Project Delivery

AWARDS & RECOGNITION:

Illumination Engineering Society
Award of Excellence

International Association of Lighting Designers
Award of Merit

Illumination Engineering Society
IESNY Lumen Award of Merit

Architectural Lighting Magazine
Award of Merit

This inspiring project is a commemoration of the life and work of Dr. Martin Luther King, Jr. It is the creation of a memorial to honor his national and international contributions to world peace through non-violent social change. The memorial and park is located on the Tidal Basin in Washington, D.C., midpoint between the Jefferson and Lincoln Memorials. Randy Burkett Lighting Design collaborated with fellow lighting professional David Mintz on the creation of the nighttime illumination of the park site, its sculpture and inscription walls, and supporting visitor's center.

Lighting concerns focused on the visitor's personal experience, and on the inseparable nighttime relationship between the Martin Luther King, Jr. Memorial site and surrounding memorials visible nearby. Harmonizing brightness and contrast with respect to the nearby structures was key to the design's acceptance. The Memorial has been visited by millions since its opening in 2012.

<https://rbldi.com/portfolio/martin-luther-king-jr-memorial/>

PROJECTS

Historic

The respect for, and preservation of, man's achievements in art and architecture are among his noblest pursuits. Lighting design within the context of historic restoration or renovation must be sensitive to maintaining the integrity of the original lighting intent, while taking advantage of potential opportunities to further enhance the visual revelation of the historic surrounding. Randy Burkett Lighting Design has been selected to be a part of historic restoration teams by many firms and features several notable projects in their portfolio.



GSA Hipolito Federal Building
San Antonio, TX



Illinois Legislative Chambers
Springfield, IL



Cathedral of the Immaculate Conception
Springfield, IL



Renaissance Grand
St. Louis, MO



Columbus Museum of Art
Columbus, OH



Lambert International Airport Terminal
St. Louis, MO

PORTFOLIO

GSA Hipolito Federal Building

San Antonio, TX



OWNER/CLIENT:

U.S. General Services Administration

LOCATION:

GSA San Antonio Hipolito Federal Building in San Antonio, Texas

DESIGN TEAM:

Trivers Associates

CONSTRUCTION COST:

withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Visualization
- Project Delivery
- Sustainability
- Lighting Controls

AWARDS & RECOGNITION:

Illumination Engineering Society
IIDA Award of Merit

The Federal Building and Courthouse in San Antonio, Texas stands as a testament to depression-era austerity. Constructed adjacent to the Alamo, one of the Country's most revered landmarks, a selective restoration of this historic gem was completed in 2012. Built through the Federal Public Works Program of the 1930's, the project is a beautifully executed example of the Beaux-Arts classicism.

As part of this LEED signature renovation, lighting played a key role in revealing the building at night from Alamo Plaza. Interior period chandeliers were restored and modernized with current LED-based sustainable technologies. The historic lobbies were restored to their former grandeur, including the thoughtful illumination of its frescos depicting San Antonio's place in Texas history. Carefully selected light source color spectrum profiles heightened the revelation of the sensitive materials.

<http://rldi.com/portfolio/gsa-hipolito-federal-building/>



PORTFOLIO

Illinois State Capitol Legislative Chambers

Springfield, IL



OWNER/CLIENT:

The State of Illinois

LOCATION:

Illinois State Capitol Legislative Chamber
Restoration in Springfield, Illinois

DESIGN TEAM:

Vinci Hamp Architects, Inc.; St. Louis
Antique Lighting (Design Assist
Manufacturer)

CONSTRUCTION COST:

withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Lighting Controls
- Project Delivery

AWARDS & RECOGNITION:

Illuminating Engineering Society
Award of Merit

The Saint Patrick Church of Merna was established in Bloomington in 1875 and has a storied history of serving the rural farming communities around Bloomington and, more recently, those living in the urban community as well. Interestingly, the church also has seen more than its fair share of adversity in the form of tornadoes. The church was rebuilt several times through the years culminating in the opening of a new church in 2006.

The lighting of the new church needed to serve the needs of a growing parish population with varying ages. The architecture of the chancel, nave and narthex offered the challenges associated with a ceiling constructed of mostly wood with minimal opportunity for concealment of lighting equipment. Light sources for functional needs and the highlighting of the chancel were recessed where possible or concealed behind structural members. Custom chandeliers were designed to provide light as decoration and to provide scale in the voluminous space. The chandeliers also incorporated downlight sources and concealed uplight to illuminate the central spine leading from the narthex to the chancel.

<https://rblldi.com/portfolio/st-patricks-merne/>

▲ PORTFOLIO

Cathedral of the Immaculate Conception

Springfield, IL



The Cathedral of the Immaculate Conception serves as the spiritual center for the Diocese of Springfield in Illinois. Constructed and dedicated in 1928, the Cathedral was showing its age. The pristine ceiling plaster work had need of update after 80 years of operation and repair work that was less than faithful to its origins. The lighting also needed to be updated to satisfy the needs of an aging congregation but needed to stay true to the original design intent.

The original lighting was provided by chandeliers and sconces with matching cast decorative elements. The chandelier finishes and fittings had been deteriorated by years of soot, smoke and dirt. The fixtures were removed and renovated to match the original finish and had their electrical components updated. The original sconces had been lost to time and so were recreated using photographic information and by recasting the decorative components from the chandeliers. While this satisfied the desire to maintain the original appearance of the nave and chancel, it could only partially address the functional illumination needs of the congregation.

One of the project goals was to restore the original volume's colors, gilding and trompe l'oeil patterns. Working in concert with the architect and the ceiling restoration team, downlights providing the functional illumination were integrated into the ceiling in specialized panels concealing their appearance within the ceiling coffers. Additional lighting was carefully concealed within the architecture to illuminate and bring focus to the alter and reardos.

<https://rblidi.com/portfolio/cathedral-immaculate-conception/>

OWNER/CLIENT:

Cathedral Diocese of Springfield in Illinois

LOCATION:

Cathedral of the Immaculate Conception in Springfield, Illinois

DESIGN TEAM:

Graham and Hyde Architects

CONSTRUCTION COST:

withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Lighting Controls
- Project Delivery
- Visualization

PORTFOLIO

Renaissance Grand

St. Louis, MO



OWNER/CLIENT:

HRI Properties

LOCATION:

Renaissance Grand & Suites in
Saint Louis, Missouri

DESIGN TEAM:

RTKL, ForrestPerkins

CONSTRUCTION COST:

withheld

SERVICES:

- Conceptual & Planning
- Documentation
- Project Delivery

Against all odds, a landmark hotel that defined excellence in St. Louis in 1917 as the Statler Hotel has triumphantly emerged from years in limbo as the Renaissance Grand Hotel. The restoration and expansion, designed by RTKL, architect, ForrestPerkins, interior designers, and Randy Burkett Lighting Design, lighting designer, not only provides modern luxury accommodations, including the original, 275 room hotel, a new 600-room tower and a new, 55,000 square-foot ballroom and meeting facility atop an adjacent parking structure. It also returns the lobby, atrium, and 22nd-floor ballroom to their original appearance.

Balancing the historic precedence with contemporary need, the lighting design helps integrate old and new spaces. For example, to showcase the original hotel lobby as the new premier dining facility, historically accurate pendant lighting fixtures (based on period photographs) were installed and supplemented with carefully integrated accent lights. Dramatic lighting embellishes the original atrium as the staging area for the hotel's three-meal restaurant. An expansive chandelier whose intricate glass structure comes with its own catwalk for ease of maintenance anchors the new adjacent lobby space. Lighting even rejuvenates the historic facade, thanks to sconces holding high-efficiency lamps and luminaires concealed in the original cornice.



Select Project Experience



**WEST VIRGINIA STATE CAPITOL COMPLEX
BUILDING 4 RENOVATION / LIGHTING UPGRADE**
Charleston, WV*

**MOUNT OLIVE CORRECTIONAL COMPLEX
NEW ELECTRICAL SUBSTATION**
Mount Olive, WV*

**WEST VIRGINIA SUPREME COURT OF
APPEALS RENOVATIONS**
Charleston, WV*

MORGAN COUNTY COURTHOUSE
Berkley Springs, WV*

RALEIGH COUNTY JUDICIAL CENTER
Beckley, WV*

LEWIS COUNTY JUDICIAL ANNEX
Weston, WV*

**HUNTINGTON FEDERAL COMPLEX
SIDNEY L. CHRISTINE FEDERAL COURTHOUSE**
Huntington, WV

DELAWARE COUNTY COURTHOUSE
Delaware, Ohio*

HAMPSHIRE COUNTY JUDICIAL CENTER
Romney, WV*

MARSHALL COUNTY PUBLIC SAFETY BLDG
Moundsville, WV*

**WETZEL COUNTY COURTHOUSE HVAC
& ELECTRICAL IMPROVEMENTS**
New Martinsville, WV*

**WEST VIRGINIA COURTHOUSE FACILITY
ASSESSMENTS / ALL 55 COUNTIES**
West Virginia*

CHARLESTON CORRECTIONAL CENTER
Parkersburg, WV*

PARKERSBURG CORRECTIONAL CENTER
Parkersburg, WV*

**MARSHALL UNIVERSITY ROBERT C. BYRD
BIOTECHNOLOGY SCIENCE CENTER**
Huntington, WV

**WV STATE UNIVERSITY WALKER CONVOCATION CENTER
ADDITIONS & RENOVATIONS TO FLEMING HALL**
Institute, WV*

**KANAWHA COUNTY PUBLIC LIBRARY
EXPANSION & RENOVATION**
Charleston, WV*

**WV STATE UNIVERSITY – CAMPUS WIDE
ELECTRICAL INFRASTRUCTURE UPGRADES**
Institute, WV*

**CABARRUS COUNTY COURTHOUSE EXPANSION
& RENOVATION**
Concord, NC*

**BROOKE COUNTY COURTHOUSE LIGHTING
& ELECTRICAL UPGRADES**
Wellsburg, WV*

**JOHN MARSHALL HIGH SCHOOL ADDITIONS
& RENOVATIONS**
Moundsville, WV*

**MARTINSBURG POLICE DEPARTMENT
& MUNICIPAL COURT**
Martinsburg, WV*

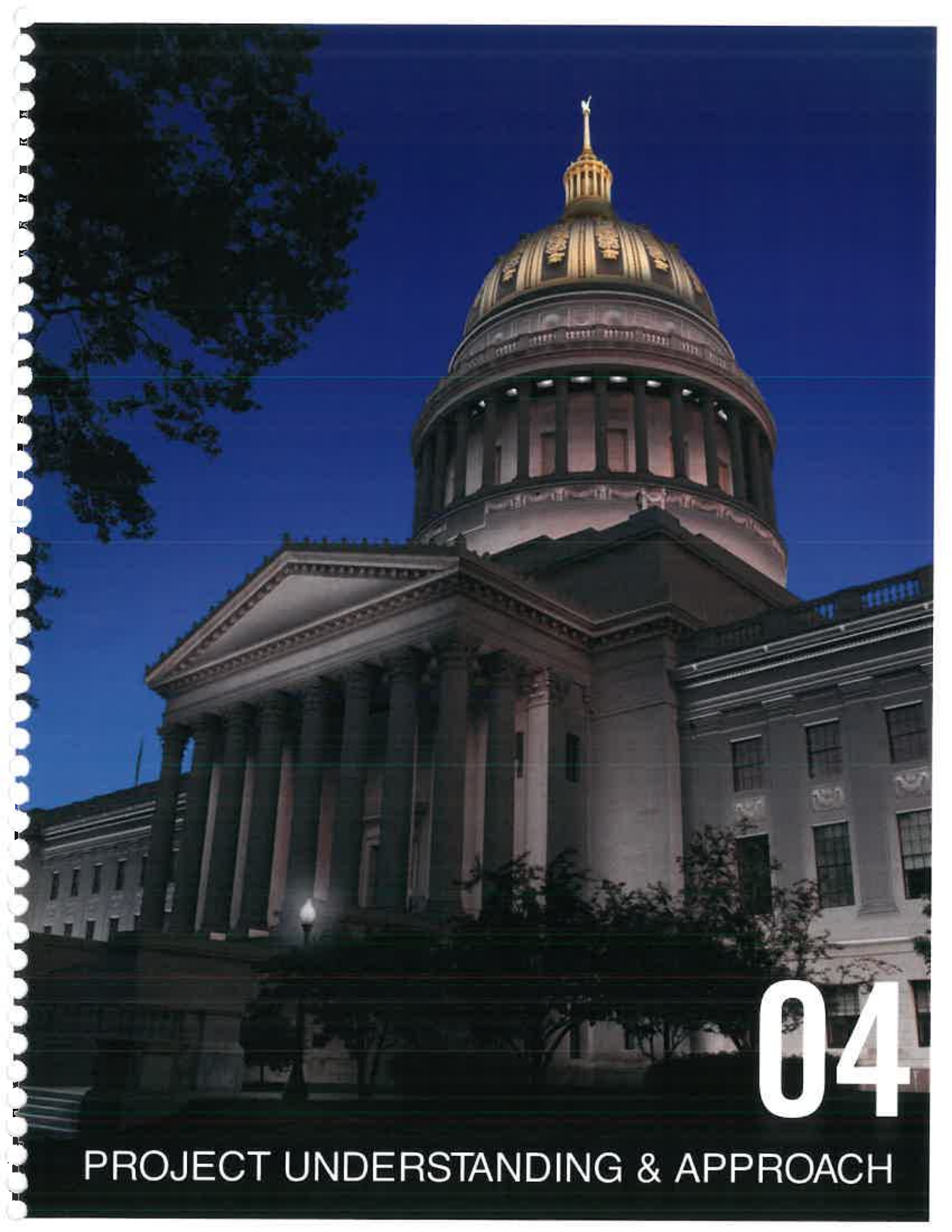
SENECA COUNTY JOINT JUSTICE CENTER
Tiffin, Ohio*

SANDUSKY COUNTY COURTHOUSE
Sandusky, Ohio

STARK COUNTY COURTHOUSE
Canton, Ohio

CUYAHOGA COUNTY JUSTICE CENTER
Cleveland, Ohio

** Projects Completed with Silling Architects*



04

PROJECT UNDERSTANDING & APPROACH



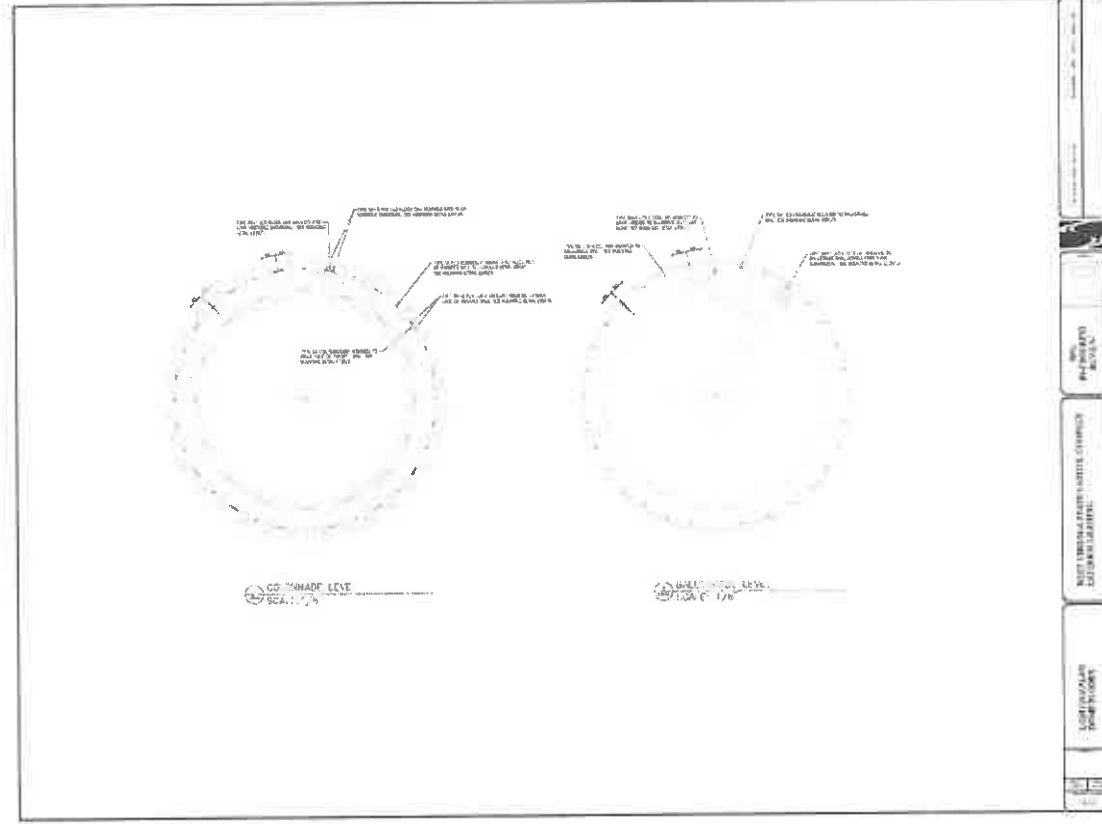
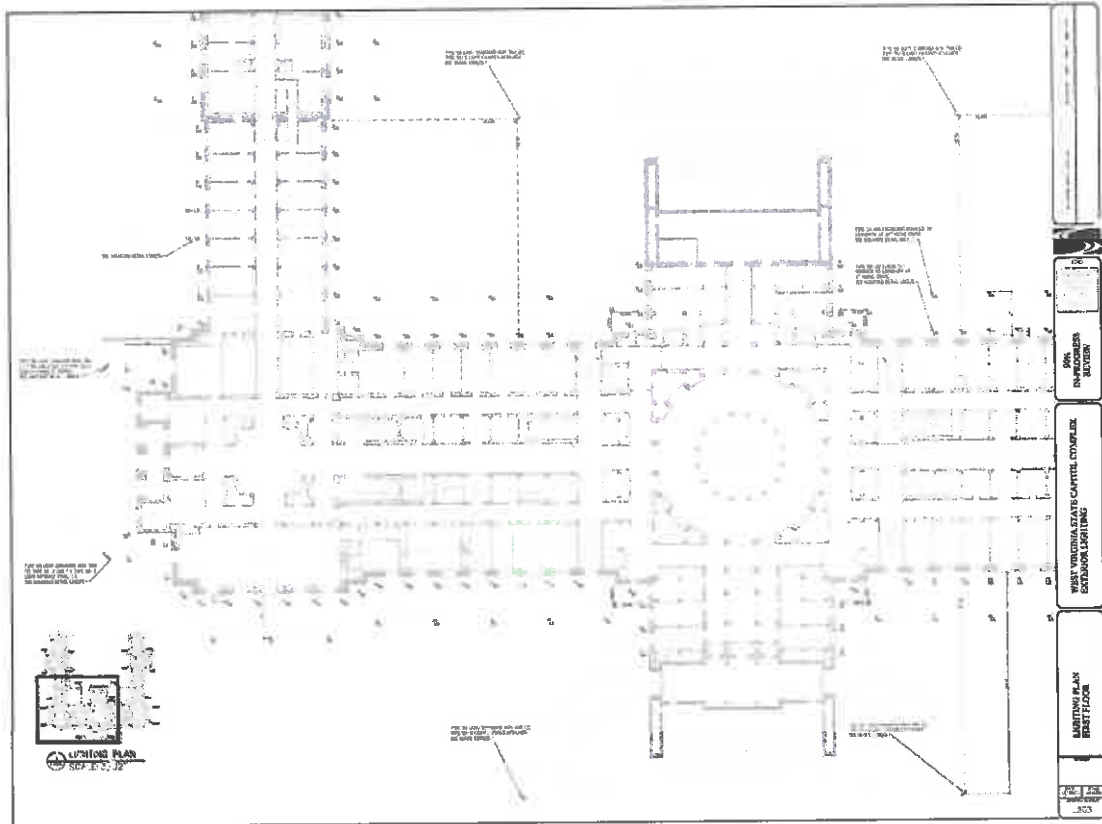


Understanding of the Project /

Silling and its team of lighting designers and consulting engineers performed a comprehensive analysis of the Capitol Campus Exterior Lighting and Electrical Infrastructure in 2011. As part of that analysis we provided the following analysis and recommendations for the following:

- Existing Lighting Conditions & Assessment** - Building 1 Main Unit with East & West Wings, Site Circulation, Sculptures, Memorials, and Fountains, and Landscape & Specialty Areas
- Proposed Lighting Upgrades and Enhancements** - Lighting for Proposed Building 1 Main Unit with East & West Wings, Proposed Site Circulation Lighting, Proposed Sculpture, Memorial and Fountain Lighting, Proposed Landscape & Specialty Area Lighting, and Proposed Site-wide Lighting Control Strategy
- Project Infrastructure** – Existing & Proposed Electrical Infrastructure
- Preliminary Cost Opinion** - Detailed Assessment and Final Summary and Recommendations
- Documentation of Existing Conditions**

After issuing the report of our assessment findings and recommendations, Silling, Randy Burkett Lighting Design, and Scheeser Buckley Mayfield completed 90% Construction Documents for Building One.






Existing Lighting Conditions and Assessment (Continued)
Building 1 Main Unit with East & West Wings

Main Unit East and West Entries

Current Lighting – These entries vary, depending on the stage of historic fabric renovation/restoration, and induction lamp glass globe upgrade implementation.

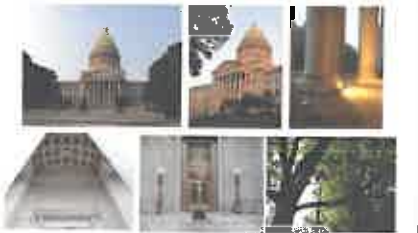
Assessment – The historic fabric improvements are effective and should be continued where not yet completed. Some further consideration of light source should be given. Full induction lamp globe upgrades should be made where appropriate. Limited low-wattage floodlighting should be considered behind columns, where occurring, to soften top to bottom contrast.



Main Unit Primary North and South Entrances

Current Lighting – Induction sources, glass globe luminaires are mounted within the coffers of the main entry portico. Not all are fully operational as yet, with trouble shooting some taking place as part of another project. A pair of Cass Gilbert designed floor recessed trocieres, operate a single HID light source with a glass or acrylic globe. Each portico also includes a single floor mounted high pressure sodium floodlight positioned directly behind one of the central columns to illuminate the entry wall. At the building's south entry, pole mounted floodlights positioned in the flanking tree groves, contribute some soft illumination to the face.

Assessment – With the limited operation of the induction lamped globes, coupled with the flickering high pressure sodium illumination of the entry's wall, lighting of the central faces of the portico is borderline successful, at best.

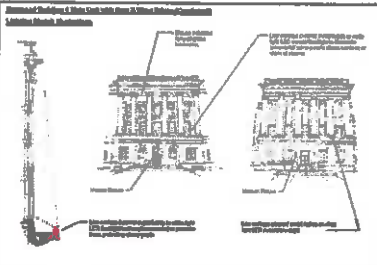


RANDY BURKETT
LIGHTING DESIGN


West Virginia State Capitol – Lighting Study

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Assessment and Planning of Entry Wall with East & West Wings-Continued
Lighting Model Illustration



Assessment and Planning of Entry Wall with East & West Wings-Continued
Lighting Model Illustration



The knowledge gained and work performed during this previous analysis and design services offers financial and timeline efficiencies that can be of benefit to the project and the State. Our approach process will:

- Build upon our extensive knowledge of the Capitol Campus site, building, and systems infrastructure gained from our 2011 analysis by verifying that our findings and recommendations comply with the most current versions of the Building Codes adopted by the State.
- Continue a highly collaborative relationship with the West Virginia General Services Division and other State agencies while reviewing the previous report and design scope in order to gain an understanding of the new vision the State has for the project and its budget.
- Identify opportunities for improved operating costs, energy efficiency, and sustainable design strategies to achieve an optimal level of performance.
- Collaborate with the State Historic Preservation Office and Capitol Building Commission on any proposed exterior renovations, additions or other enhancements determined necessary based on our evaluation of the existing Campus and planning work sessions with GSD staff.
- Generate strategies for appropriate phasing of the Campus exterior lighting and related infrastructure work.
- Provide detailed conceptual renderings, plans, and third-party cost estimates.

Our assessment and planning process is inclusive and iterative, utilizing planning charrettes to obtain input from a wide cross section of stakeholders. We also solicit and value the contributions of facilities and maintenance staff, who already have a base of information about the building and complex that will prove beneficial to our team's planning efforts.



Experience with National Register of Historic Places, Section 4.3

Both Silling and Randy Burkett Lighting Design has extensive experience in working on both public and private buildings that are included on the National Register. Early engagement with both the West Virginia State Historic Preservation Office (SHPO) and the Capitol Building Office (CBC) will be important to this Campus-wide project. Due to the potential direct visibility of some lighting fixtures required for façade illumination, careful coordination will be vital for integration or concealment. Where lighting instruments need to be attached directly to the building stone, thoughtful detailing will be essential to minimize impact on the historic fabric. The design of any exterior lighting system for buildings and sites must be sensitive to both the physical constraints of the grounds and the site's history.

Randy Burkett Lighting Design has worked on a number of successful historic commissions that possessed similar exterior lighting challenges to those that can be found on this project. In addition to the 2011 effort on the West Virginia Capitol lighting design, other projects found on the Historic Register, including:

- Utah State Capitol Restoration (exterior and interior), Salt Lake City, Utah
- GSA Hipolito Federal Building (exterior and interior), San Antonio, TX
- Illinois State Capitol Restoration (exterior and interior), Springfield, IL
- Renaissance Grand & Suites Saint Louis, Missouri
- United States Old Post Office and Customs House, St. Louis, Missouri

Scheeser Buckley Mayfield has an extensive understanding of the historic nature of this project. Establishing pathways and mounting techniques for light fixtures that will satisfy the preservation of the historical integrity and the architectural mastery of the building is paramount in the electrical design. In-building wiring will be coordinated with all necessary parties so as to not disturb

any historical attributes of the building. Many of the acceptable pathways for routing of conduits through the building have been determined. These will need to be verified early in the design process.

Project Design & Execution /

The original design developed by this lighting and engineering team in 2011 will serve as a foundation for the final overall approach. Detailed development of the construction documents will be at the forefront of the effort, while lighting and lighting control equipment technology must be the centerpiece of a comprehensive design development update to make certain the final solution is a lasting one.

The original lighting design work included a comprehensive nighttime lighting mock-up and technical demonstration to fine-tune the overall approach. It also allowed for detailed fine-tuning of lighting fixture locations, preliminary wattages and optical beam distributions. The ability to show the lighting effects to key decision-makers at the Capitol helped in making final, more confident decisions concerning illumination intensities, color of light and integration details. It may be advantageous to consider another mock-up for the project early in the restart for the design development phase. This specialized service could be provided as an Additional Service, either for new stakeholder consensus or verification of technology enhancements or technologies.

The electrical design includes infrastructure upgrades to/replacement of lighting panelboards to accommodate the additional lighting loads and the design of the lighting controls to operate the fixtures. The electrical systems will be brought to code during the replacements/upgrades. The lighting control system will be based upon a fully networked DMX system and will employ both white light and color changing technologies. The DMX system will allow the owner to have virtually unlimited control of the fixtures through the campus Trane Trace energy management system.



Phased Design & Construction /

Silling Architects considers project phasing to be one of the critical factors in a successful project. We believe pre-planning and team involvement are essential to this endeavor. Team members are very experienced in the phasing, scheduling and delivery of complex renovation projects. Our design team partners, Randy Burkett Lighting Design and Scheeser Buckley Mayfield, are also experienced in the design of complex renovation projects in occupied facilities. On each of these projects, Silling worked closely with the Owner and construction partners to effectively coordinate scheduled phasing of required renovations, system upgrades, and related building and site improvements.

Our team's work for the D. Stephen and Diane Walker Convocation Center at WVSU required both the addition of a new arena and convocation center and associated public entry and support spaces as well as the comprehensive renovation of the existing, historic Fleming Hall gymnasium and academic building – all the while continuing to house athletic department and coaching administrative offices and working around the athletic competition and training seasons of six varsity sports. Silling worked hand in hand with the University to develop a critical-dates calendar to be overlaid with the infrastructure upgrades and



plans for new and renovated spaces. System upgrades, including complete replacement of electrical service and all HVAC systems, were carefully planned with realistic projections included for the contractor in the construction documents, establishing concrete milestone dates and delineating key spaces scheduled for construction, completion, and occupancy while allowing for construction planning of all the work.

Likewise, the John Marshall High School Additions and Renovations in Moundsville, WV included new secure entry and connector additions as well as comprehensive architectural renovations and complete replacement of electrical, HVAC, and communications systems of an existing 180,000 square foot educational facility. Funded within a complex 5-year fiscal cycle, the design and construction sequence were required to be completed with minimal interruptions to school operations and allow for continual use of the entire campus. Two new entry additions were phased to maintain constant accessibility for student, staff, and visitors. The main cafeteria and commons were designed to be renovated in two halves to allow for continuous dining opportunities throughout construction, and the library/media center renovations were phased near the completion of the project to allow for academic swing space while classrooms and labs were renovated on curriculum driven sequences. This \$36 million-dollar project was completed in 2017, with fast-track design and construction of foundations and structural packages as well as chiller plant replacement and piping infrastructure.

Our team of architects, lighting designers, and engineers will once again review the existing infrastructure to understand any changes since 2011, the needed upgrades, and plan the necessary improvements. As we do so we will evaluate the feasibility of the upgrades and will take into consideration the least disruptive methods of construction and phasing. Our planning will be shared with the General Services Division for their comment and buy in, developing options to maximize cost and efficiency while minimizing disruption to the operations. Phasing of the project will be incorporated in the project design to maintain uninterrupted service to the building and its occupants and minimize interruptions. Phasing will be carefully coordinated among the architect, lighting designer, engineering team, and all of the on-site parties affected by the installation, e.g. protective services, landscaping/grounds, and the business section for special events.

Phased renovation projects in occupied facilities are always a challenge for the design team and general contractor, as well as the Owner/Occupant. It is only through open communication, mutual trust and respect that these complex projects are delivered. Issues will arise, conflicts will be addressed and problems will be solved. Our team is up to the challenge and will provide the experienced and dedicated personnel necessary to successfully deliver this complex, challenging and critical project for the General Services Division.



Technology and Energy Efficiency /

The exterior lighting for this project will involve the full upgrade of both lighting and lighting control technologies. It is likely that all light sources will be solid state LED, affording the most efficient realization of the design goals. The precise optical control provided by LED sources also permits the most effective use of the light generated, further maximizing system efficacy. Controls will also allow for careful consideration of issues involving light scatter, such as light trespass and sky glow, as well as managing any possible impacts on indigenous and migrating birds.

Since the 50% Design Development document was issued, a number of significant technical advancements in solid state LED lighting technologies have taken place which will further enhance the realization of the building and site lighting design. Some of the following improvements:

- LED chip efficiencies have increased by over 100%.
- LED source life has increased substantially
- Color dependability of LED chips throughout their operational life has been largely stabilized, now to a point that they are superior to virtually all of the older, legacy lighting sources – high pressure sodium, metal halide, etc.
- Optical control of LED sources has undergone manifold improvements due to the introduction of nano-optic lensing and other light beam management techniques.
- Off-peak dimming and power controls for LED sources are increasingly affordable and can demonstrate cost-effective returns on investment.
- Lighting control related to site poles and widely scattered site floodlights is considerably more reliable, with several new protocols available depending on the specific needs of the project.



Quality Control Program /

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 throughout West Virginia in meeting our client's budget requirements, we believe, is second to none. It is this record and our continuous ability to accurately estimate and appropriately administer construction projects that will greatly benefit the State of West Virginia in proper project planning, funding, and implementation. Certainly, no public agency 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 GSD at the initial project steps: developing accurate project estimates at critical design milestones of 50% and 95% by proven West Virginia-based estimators; relying on the information and relationships with general contractors, subcontractors and industry suppliers; compiling a thorough, well-coordinated, and unambiguous set of contract documents; and appropriately administering the construction contract and controlling construction phase changes.

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