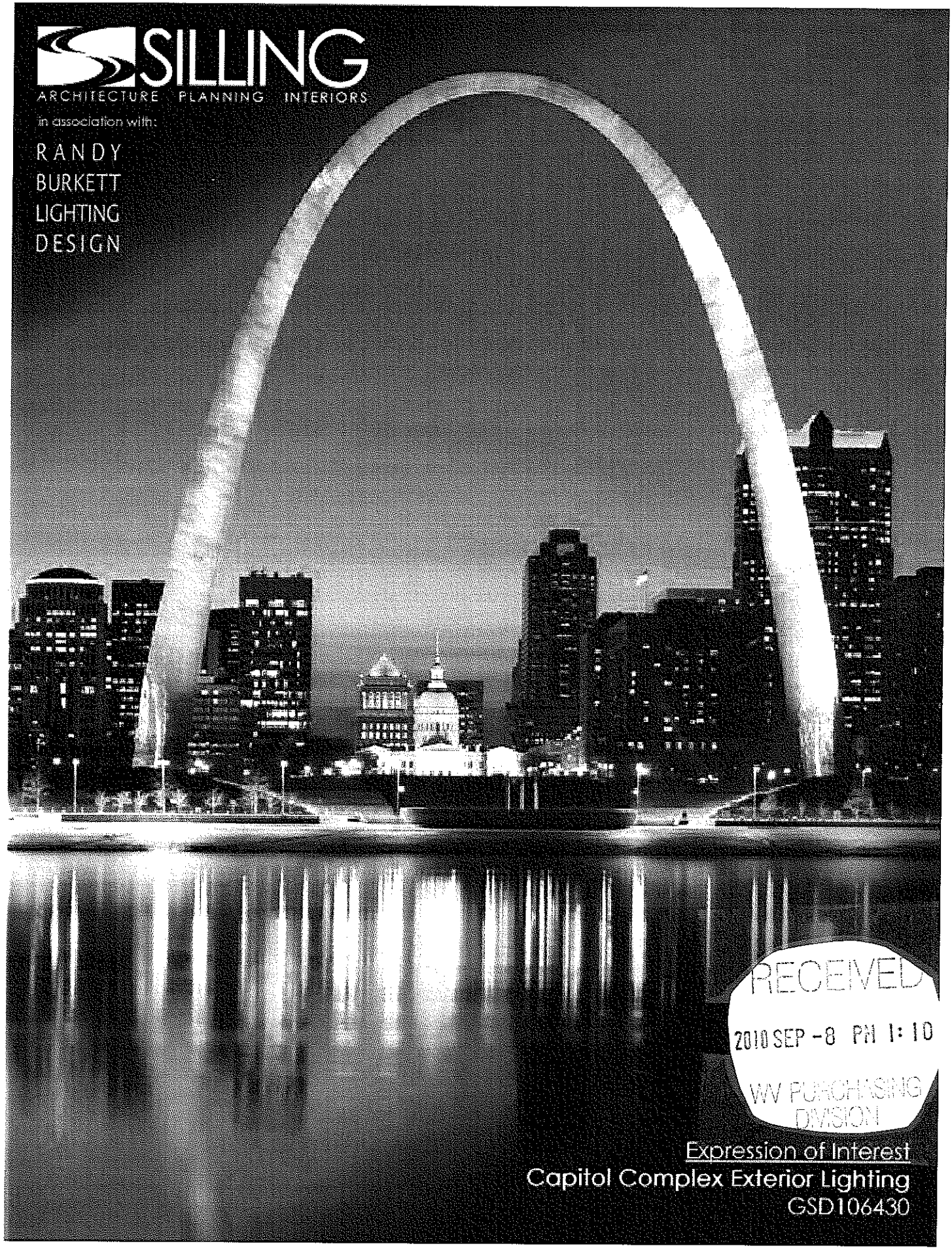
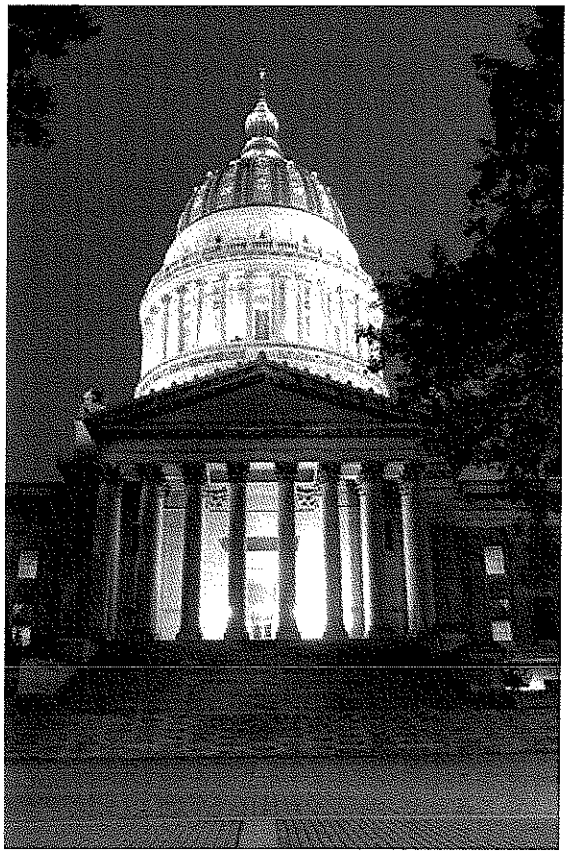


Expression of Interest

Capitol Complex Exterior Lighting

GSD106430

Introductions



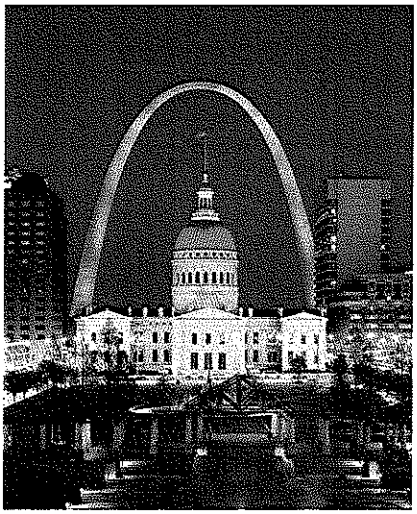
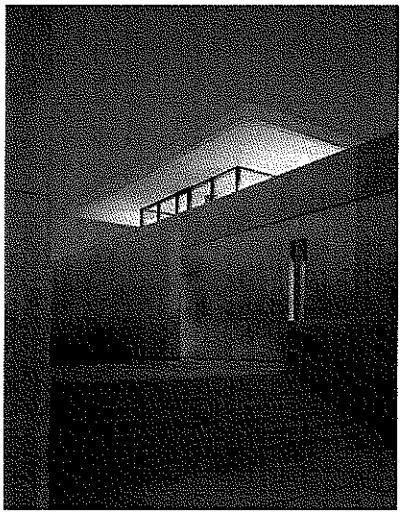
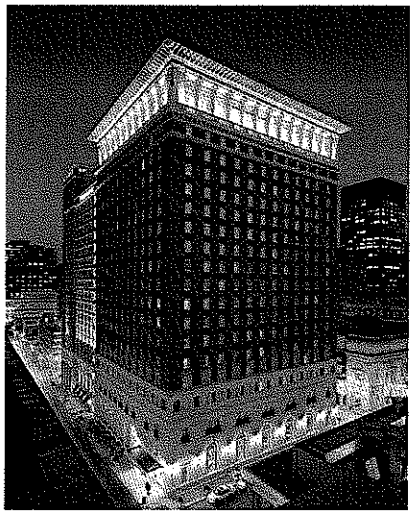
Architectural success is measured by vision and an unwavering dedication to excellence. This axiom was the philosophical birth of **Silling Associates Incorporated** by H. Rus Warne in 1902. Following the lead of partners like Warne and its namesake, Cy Silling, the firm today has the proud distinction of being the oldest continuing architectural firm in West Virginia and one of the oldest in the eastern United States. Throughout, Silling Associates has woven itself into the very fabric of West Virginia, providing planning and architectural services that have touched the lives of virtually every citizen and delivering landmark projects collectively defining its built environment.

Whether through its early century beaux arts and neo-classical collection, its mid-century modern and post-modern portfolio, or its current contextual vocabulary, Silling has always been renowned as one of the premier architectural firms in the state. Today, Silling Associates continues to have a powerful impact on the region's architectural landscape through fresh, yet solid design and responsible project management.

Scheeser Buckley Mayfield LLC is an Ohio-based Consulting Engineering firm that serves clients throughout Ohio and West Virginia. The firm was established in 1959 by Walter L. Scheeser and Edwin J. Buckley, specializing in the design of mechanical systems for the construction industry. The firm has enjoyed a steady growth in clients and geographical area served throughout its history, and its services now include electrical, civil, and telecommunication design. Entering its 50th year of operation, Scheeser Buckley Mayfield routinely serves Silling Associates and the State of West Virginia on a diverse mix of project types, sizes, and complexities.

Randy Burkett Lighting Design, Inc. is a nationally-recognized full service architectural lighting design and consulting practice. Founded in 1988, they offer a complete range of lighting design related services from initial conceptual development through final construction administration. Their team's wealth of professional experience includes: skills in complete design formulation and development, equipment layout and specification, architectural detailing, custom luminaire design, solar and daylighting analysis, lighting control concepts and lighting energy analysis.

Their highly diversified firm specializes in both interior and exterior project types including: civic and governmental buildings, corporate, retail, shopping malls, museum/exhibit, conferencing facilities, hotels, restaurants, religious structures, themed environments, monuments, bridges and private residences.

4.2.1 Concept

The project's lighting development will involve two primary phases – a review and summary of existing conditions; and development and implementation of a new, holistic exterior lighting design concept. Each phase must address a set of important tasks, fundamental to the ultimate realization of a new or updated lighting design revelation for the West Virginia State Capitol Complex and its site.

Review and Assessment Phase

-Documentation of the existing lighting design concept and the equipment used to sustain it.
-Assessment of the strengths and weaknesses of the current design.
-Assessment of the viability of the existing lighting system for incorporation, in part and if appropriate, with new lighting design concepts.
-Review of existing electrical infrastructure supporting the current lighting schemes and analysis of its capabilities to support new systems and technologies.
-Preparation of full written and oral report of survey results.

Design Concept Formulation and Documentation Phase

-Assessment lessons learned from detailed review of existing lighting conditions report.
-Clear identification of lighting design intent, goals and client expectations for the project.
-Establishment of lighting design concepts.
-Explanation of impact of each concept on sustainability related issues.
-Development of lighting design concepts.
-Preparation of cost scope for each concept.
-Client presentation and workshop to select desired lighting design concept(s).
-Following selection and approvals, development of concept details and formulation of implementation program.
-Concept documentation and drawing preparation.

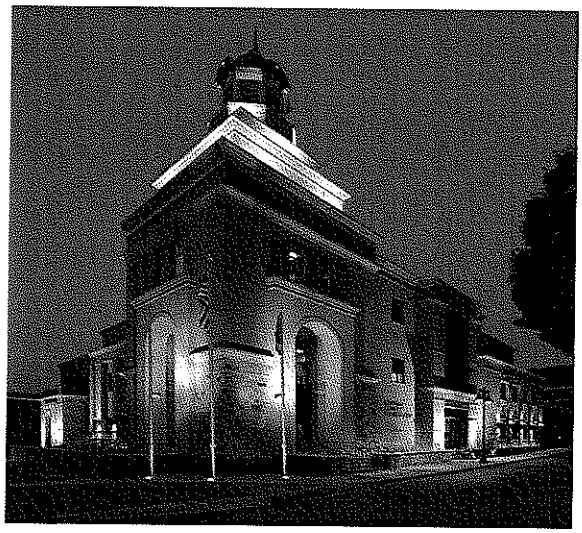
This basic outline has formed the backbone to numerous successful lighting design efforts for this team. Once on board, the team will develop more detailed task identification and proposed milestones/schedules.

Our team is very cognizant of the ongoing and upcoming capital improvement projects at the State Capitol Complex, and would ensure that the exterior lighting solutions are developed with the appropriate level of compatibility, efficiency, and flexibility.

4.2.2 Firm/Team Qualifications

A. Primary Contact

Edward Weber, AIA, LEED AP
Silling Associates, Incorporated
405 Capitol Street, Upper Atrium
Charleston, West Virginia 25301
Phone: 304.346.0565
Email: eweber@silling.com



B. Key Personnel from Silling Associates

Edward Weber, AIA, LEED AP
Project Executive & Lead Architect

Ed has seventeen years' experience as a practicing architect with significant work in all phases of architectural programming, schematic design, design production and construction contract administration. After graduating with a Master of Architecture and Urban Design from Notre Dame in 1992, Ed joined the Chicago office of Richard Gibbons and Associates. There he managed high-end custom residential projects of renovation and new construction work with construction budgets between $500,000 and $20,000,000. In 1999, Ed was offered partnership and the firm of Gibbons, Fortman & Weber was created in January of 2000. Under GFW, the office work expanded and projects became more diverse with commissions for hospitality design of restaurants and lounges, as well as residential and commercial developments throughout the city. Having joined Silling Associates in 2006, Ed brings his extensive project management experience and design talent to the firm's major commissions. His involvement is specifically appropriate in those projects pertaining to campuses and master plans, urban settings, historic contexts, and residential scale.

With Professional Accreditation by the U.S. Green Building Council (USGBC) in coordination with the Green Building Certification Institution (GBCI), Ed holds the title of LEED AP for New Construction and Major Renovations. As a LEED AP (Leadership in Energy and Environmental Design), Ed has distinguished himself as having the knowledge and skills necessary to participate in the design process, to support and encourage integrated design, and to streamline a building's LEED application and certification process.

Ed has also recently served as the Project Executive for several prominent renovation and historic restoration projects for the West Virginia Supreme Court, specifically involving the 3rd and 4th floors of the East Wing of the State Capitol Building.

Sean Simon, AIA
Construction Period Service Manager

Mr. Simon has sixteen years' experience involving all phases of architectural programming, design, construction document production, and construction contract administration. Sean joined Silling in 2008 as a Construction Period Service Manager, working closely with the firm's production staff throughout the construction document phase and providing construction contract administration services. Mr. Simon will lead the detailing of the project, prepare and align specifications with drawings, perform interdisciplinary design coordination reviews to assure compatibility of all major building systems, as well as provide building code analysis and review. He will also be responsible for facilitating pre-construction meetings providing clear definition of project goals and owner expectations, reviewing contractor

submittals, product samples, and shop drawings for conformance to the contract drawings and specifications, attending progress meetings to maintain clear communication with builders, observing installation of materials and systems to verify their conformance with the design intent, and monitoring the project schedule.

Sean earned a Bachelor of Architecture from the University of Tennessee in 1992 and is a member of the West Virginia Chapter of the American Institute of Architects.

Carmen Wong, Associate AIA, LEED AP
Designer

Carmen Wong, is a graduate architect who graduated first in her class from the Ricardo Palma University in Lima, Peru. In May of 2007, Wong received her Masters of Architecture from the University of Illinois at Urbana-Champaign. Her educational honors include being selected to participate in the honored Design Studio directed by Dr. Ken Yeang, an internationally renowned Malaysian-British architect specializing in sustainable green architecture, bio-climatic skyscrapers, and ecologically-responsive design; the Earl Prize in Design and Graduate Student Design Award; and the Coriwasi Award given to the top student in the 5-year undergraduate program.

In addition to her dynamic design talents, Wong utilizes a variety of three-dimensional computer modeling programs and rendering techniques, providing Silling's clients the ability to "see" and better visualize their proposed building throughout the entire design process.

Jeremy Jones, Associate AIA
Designer

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

C. Design Team Consultants

Randy Burkett, FIALD, IESNA, LC
President & Design Principal , Randy Burkett Lighting Design, Inc.

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 convention centers, museums, retail malls and stores, corporate offices, government facilities, health care and laboratory facilities, site developments and building exteriors. 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 and is both a former board member and president. He is involved in IESNA Technical and Design committees including "Quality of the Visual Environment", and "Office Lighting". He has authored a wide variety of design and technical articles appearing in publications in over 40 countries. He is a frequent speaker to professional organizations on a variety of lighting design subjects and has served as an instructor at the University of Colorado in Boulder and Maryville University in St. Louis. He is currently a member of the Adjunct Faculty of Washington University's Graduate School of Architecture.

Ronald D. Kurtz, IALD, IESNA, LEED AP
Randy Burkett Lighting Design, Inc.
Associate and Senior Lighting Designer

Ron Kurtz has been with Randy Burkett Lighting Design since 1990. Ron's responsibilities as a 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 and exhibits.

Ron is an active member of the International Association of Lighting Designers and currently serves on the Sustainability Committee 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 is a member of ASHRAE's 90.1 Energy Standards Committee. He has been a speaker on a number of lighting topics at professional and educational conferences.

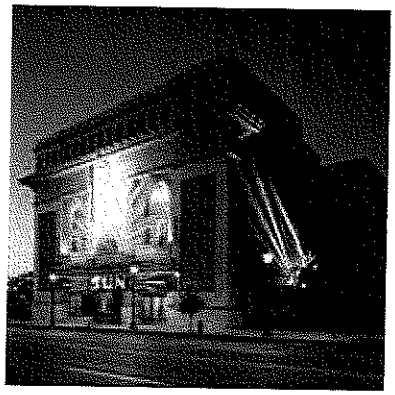
Jim Eckman, P.E., LEED AP, LC, CBCP
President, Scheeser Buckley Mayfield
Principal Electrical Engineer

Mr. Eckman attended The University of Akron where he received his Bachelor of Science Degree in Electrical Engineering in 1984. After graduation, Mr. Eckman began his career as a consulting engineer by accepting a position as junior engineer with Kucheman, Peters and Tschantz, Inc., an electrical consulting firm in Akron, Ohio. During this engagement, he gained experience in the electrical design of commercial, industrial and healthcare facilities. Mr. Eckman also served as project manager for many of the projects he designed. Concurrently, Mr. Eckman taught an electrical engineering course called "Illumination" at The University of Akron.

After leaving KPT, Inc. in 1987, Mr. Eckman gained additional experience in the construction industry by accepting the position of Engineer/Estimator for Thompson Electric, Inc. in Munroe Falls, Ohio. During this engagement, he designed and acted as project manager for several large industrial projects. He also earned electrical contractor licenses in several area communities.

Desiring to further his career as a consulting engineer, Mr. Eckman accepted a position of Senior Engineer with Scheeser Buckley Mayfield, Inc. in 1989. Mr. Eckman was promoted to the position of Associate in 1990, became a Principal in the firm in 1991 and Vice President of Electrical Engineering in 1992, and President in 2003.Mr. Eckman was a member of the Institute of Electrical and Electronics Engineers for eight years and is currently an active member of the Electrical League of Northeastern Ohio and the Illuminating Engineering Society (IES). Mr. Eckman has served as Treasurer and President of the Cleveland/Akron IES section and a member of the Executive Committee for the

Electrical League.



Additionally, Mr. Eckman is registered with the EPA as a Greenlights Surveyor Ally and has completed and passed the Technical Knowledge Exam (TKE) administered by the IES on a national basis to gauge individuals expertise in lighting concepts, fundamentals and design. Mr. Eckman served on the College of Engineering Advancement Council for The University of Akron from 2002 to 2004 and is currently serving on The University of Akron Electrical Engineering and Computer Engineering Advisory Council.

Jim is a LEED v2 Accredited Professional and is registered in the State of Ohio, West Virginia, Pennsylvania and Indiana.

David Holbrook, LC
Lighting Consultant, Scheeser Buckley Mayfield

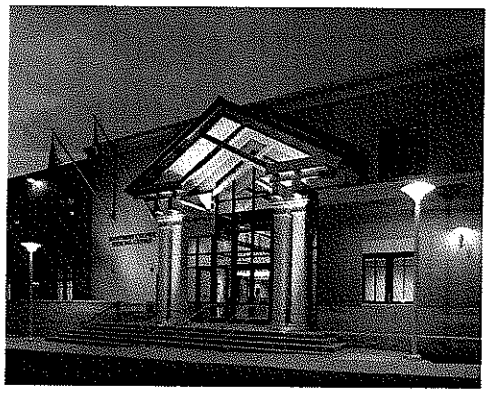
Mr. Holbrook attended Youngstown State University where he received his Bachelor of Science in Electrical Engineering. He began his engineering career working for an Electrical Contractor in Girard, Ohio. While employed there, he designed electrical systems for commercial, industrial, and retail sectors. His responsibilities included all aspects of electrical design, preliminary design calculations, site visits, feasibility studies, and architectural coordination meetings. Design experience at this level included lighting and power systems, energy management systems, conveying systems, and retail fire alarm systems. His other responsibilities included estimating, time-and-material project managing, infrared thermography, and PLC troubleshooting.

Mr. Holbrook joined Scheeser Buckley Mayfield LLC in October of 2001. Since joining the electrical department, he has completed a wide variety of projects. He has worked on a variety of Healthcare projects including major hospital additions, Heart Centers, Outpatient Medical Imaging Centers, Minor renovation projects. Other projects he has been involved with included University, correctional, Medical Office, Utility, Library, and Hospice facilities. He has been actively involved in the design of Essential Power Systems from the most basic to Tier 4 redundant power systems, Medium and Low Voltage Switchgear Design, Generator Plant design including Low and Medium Voltage Paralleling systems, CCTV, Fire Alarm Systems, and also advanced lighting design. Mr. Holbrook has become a registered LC by passing the "Lighting Certified" examination from the National Council for the Qualifications of Lighting Professionals (NCQLP). Recently, two of his projects were published by Healthcare Design magazine, Focal Point Lighting, and Kirlin Lighting.

Kevin Noble, P.E., LEED AP
Principal Civil Engineer, Scheeser Buckley Mayfield

Mr. Noble attended the University of Akron where he received his Bachelor of Science degree in Civil Engineering in 1987 and continued his education through night school to receive his Masters of Business Administration from Averett College in 1991.

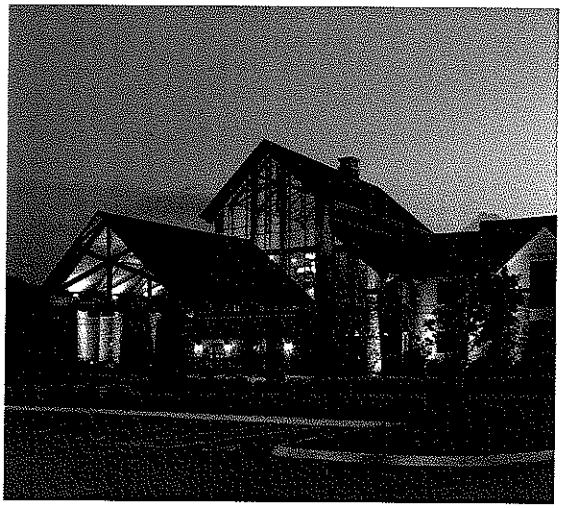
After graduating with a Civil Engineer degree, Mr. Noble accepted a position as a Water Resource Engineer at Dewberry & Davis, Inc., a top fifty engineering firm located in Washington, D.C. Mr. Noble was assigned to work on the firm's contract with the Federal Emergency Management Agency. His responsibilities included hydrologic and hydraulic analyses, flood plain delineations and storm water management facilities. Design of storm water management facilities, both underground and above ground, and wetland. 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 for a new civil engineering department. Since that time he has participated and managed the design of numerous residential and commercial site developments; stormwater management facilities; roadway extension and widening; water, storm, sanitary, gas, steam and chilled water lines extensions, and commercial and residential septic systems for public and private clients.

Kevin is a LEED™ Accredited Professional and is registered as a Professional Engineer in the State of Ohio, the State of West Virginia, the State of Florida, the State of South Carolina, the State of Pennsylvania, the Commonwealth of Virginia and the Commonwealth of Kentucky and is a member of the American Society of Civil Engineers, American Society of Plumbing Engineers, and the National Fire Protection Association.



D. Ability to Handle the Project

With a team of fifteen architects, designers, production staff ,and administrative support, Silling Associates has consistently proven itself capable of delivering a large volume of work annually, both in terms of numbers of projects as well as individual project size, scope, and complexity. Silling ensures principal involvement in all projects which is fostered within a studio environment, allowing our firm to build multiple-person teams within the office to focus on a variety of projects simultaneously. Likewise, open sharing of project information, project status, and large picture scheduling of our workload allow architects, designers, and technicians to be informed on a number of current project needs and deadlines and cross-pollinate from job to job and task to task. It is this efficiency and teamwork that is fundamental to our ability to service the number of very satisfied clients that we are fortunate to have.

However, it is primarily a culture of service that permeates everything that Silling does and leads to very satisfied clients. Aggressive communication is an axiom of our firm, and the heart-felt desire to be highly responsive to client needs and demands has proven to be one of the many reasons that owners select Silling Associates. This is most obvious in the number and references of our many repeat clients across the state, particularly with the state correctional system.

Scheeser Buckley Mayfield, consulting engineers, and Randy Burkett Lighting Design offer extensive staff resources to compliment the Silling team and have routinely executed successful project collaborations regionally, as well as nationally.

In summary, we offer the General Services Division extensive professional resources, immediate availability, and the ability to expedite the project's development, approval, and completion.

E. State of Acceptance and Understanding

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

F. Conformance with local, State, and Federal Regulations

Silling Associates and its Design Team members have proven record of conformance with all local, State, and Federal codes, regulations, and requirements, including building exterior lighting and related life safety code requirements.

G. Litigation or Arbitration Proceedings

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

4.2.3 Project Organization

The lighting design team assembled for the West Virginia State Capitol Exterior Lighting project has worked together on a number of similar, significant commissions. Teamwork is essential to ensure not only high quality lighting design and execution, but to realize a full, multi-disciplinary coordination effort.

Silling Associates, serving as your Project Executive and Architect of Record, is a Charleston-based design practice with over 100 years serving the state of West Virginia. Over the year, Silling has served the State Capitol Complex through several master planning commissions and the original design of the WV Science & Culture Center, and most recently with ongoing renovations to the East Wing of the State Capitol Complex. Within the last ten years alone, Silling has served as the Architect and Designer of Record for numerous civic/governmental centers, including the East Wing Renovations at the WV State Capitol Building, Morgan County Courthouse, Raleigh County Judicial Center, Hampshire County Judicial Center, Putnam County Judicial Building, Medina County (OH) Courthouse, and the Franklin County (PA) Courthouse and Justice Center.

Randy Burkett Lighting Design is a full service architectural lighting design and consulting practice. Founded in 1988, we offer a complete range of lighting design related services from initial conceptual development through final construction administration. Our team's wealth of professional experience includes: skill in complete design formulation and development, equipment layout and specification, architectural lighting detailing, custom luminaire design, solar and daylighting assessment, lighting control concepts and lighting energy analysis.

Recent large scale projects with similar demands include the Utah State Capitol Restoration; Missouri State Capitol Restoration; Illinois State Capitol Building Legislative Chambers Restoration; Saint Louis Art Museum Restoration; Pulitzer Foundation for the Arts; Renaissance Grand Hotel - Saint Louis; and the Jefferson National Expansion Memorial Gateway Arch permanent illumination.

Scheeser Buckley Mayfield, consulting mechanical/electrical/plumbing/civil engineers, will coordinate the overall site civil, lighting and electrical infrastructure design with Silling and Randy Burkett Lighting Design. SBM will perform the verification of the existing electrical infrastructure for the review and assessment phase and all of the new electrical infrastructure design for the design concept formulation and documentation phase of this project.

This project will be given the highest priority in the offices of Silling Associates, Scheeser Buckley Mayfield, and Randy Burkett Lighting Design, with the assembled team deployed to address both design and production milestones.

Roles and Responsibilities

We have prepared a team structure for the project, which involves five professional lighting designers. The principal duties of those involved in the project are as follows:

Edward Weber, AIA, LEED AP
Project Executive, Silling Associates
Charleston, WV

Mr. Weber will serve as your Project Executive with overall responsibility for overall project development, management and coordination of the Design Team consultants, project budget and schedule management, bidding and negotiating; document production.

Sean Simon, AIA
Construction Period Service Manager, Silling Associates
Charleston, WV

Mr. Simon will provide locally-based leadership during the Construction Contract Administration phase of the project. This is Sean's primary role at Silling and offers hands-on approach to administering the construction contract.

Randy Burkett, FIALD, IESNA
President and Design Principal, Randy Burkett Lighting Design
St. Louis, MO

Mr. Burkett will have the leadership role in the development of lighting designs for the project. His experiences in notable museum and historic restoration projects over a 30 year career will be a principal resource for the team. He will be the Principal-in-Charge for Randy Burkett Lighting Design.

Ronald Kurtz, IALD, IESNA
Senior Designer and Project Manager, Randy Burkett Lighting Design
St. Louis, MO

As a senior designer for the Project, Mr. Kurtz will work closely with Randy Burkett in the formulation and development of lighting designs. His extensive knowledge in the area of exterior lighting design and historic lighting restoration will be a critical resource for the team. He will also serve as the lighting design project manager, overseeing day-to-day activities and handling issues of scheduling and project oversight.

Jim Eckman, P.E., LEED AP, LC, CBCP
Principal Electrical Engineer, Scheeser Buckley Mayfield
Akron, Ohio

The roles of the various SBM team members will be to coordinate the overall site civil, lighting and electrical infrastructure design with Silling and Randy Burkett Lighting Design. SBM will perform the verification of the existing electrical infrastructure for the review and assessment phase and all of the new electrical infrastructure design for the design concept formulation and documentation phase of this project. Jim Eckman will be the Principal in Charge for SBM. He will be involved in the assessment phase and every major electrical design decision under the documentation phase of this project.

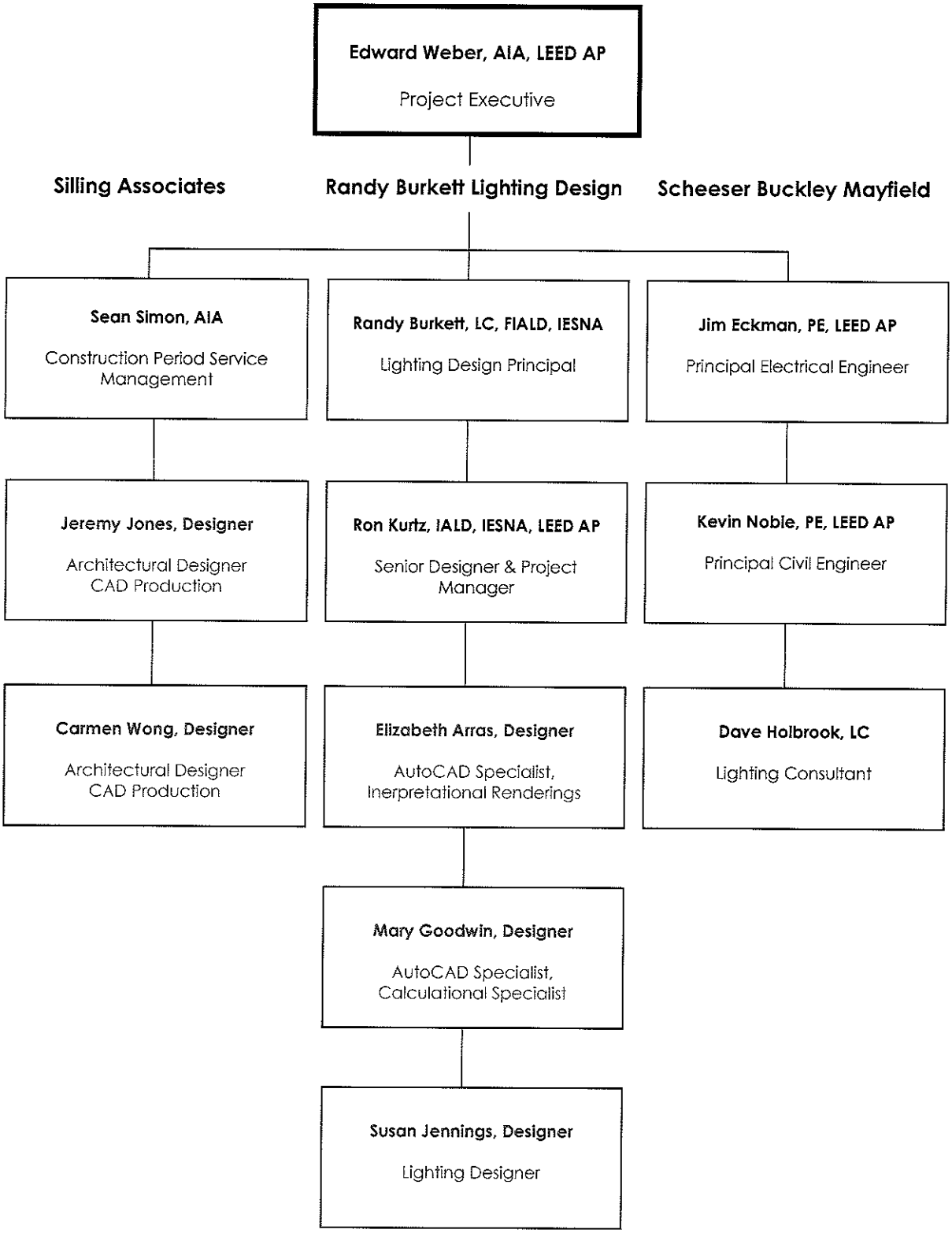
David Holbrook, LC
Lighting Consultant, Scheeser Buckley Mayfield
Akron, Ohio

Dave Holbrook will also be involved in the assessment phase and will perform the majority of the electrical infrastructure design in close coordination with Silling and Randy Burkett Lighting Design. Electrical wiring and control design is completely dependant on the lighting design so close coordination is essential.

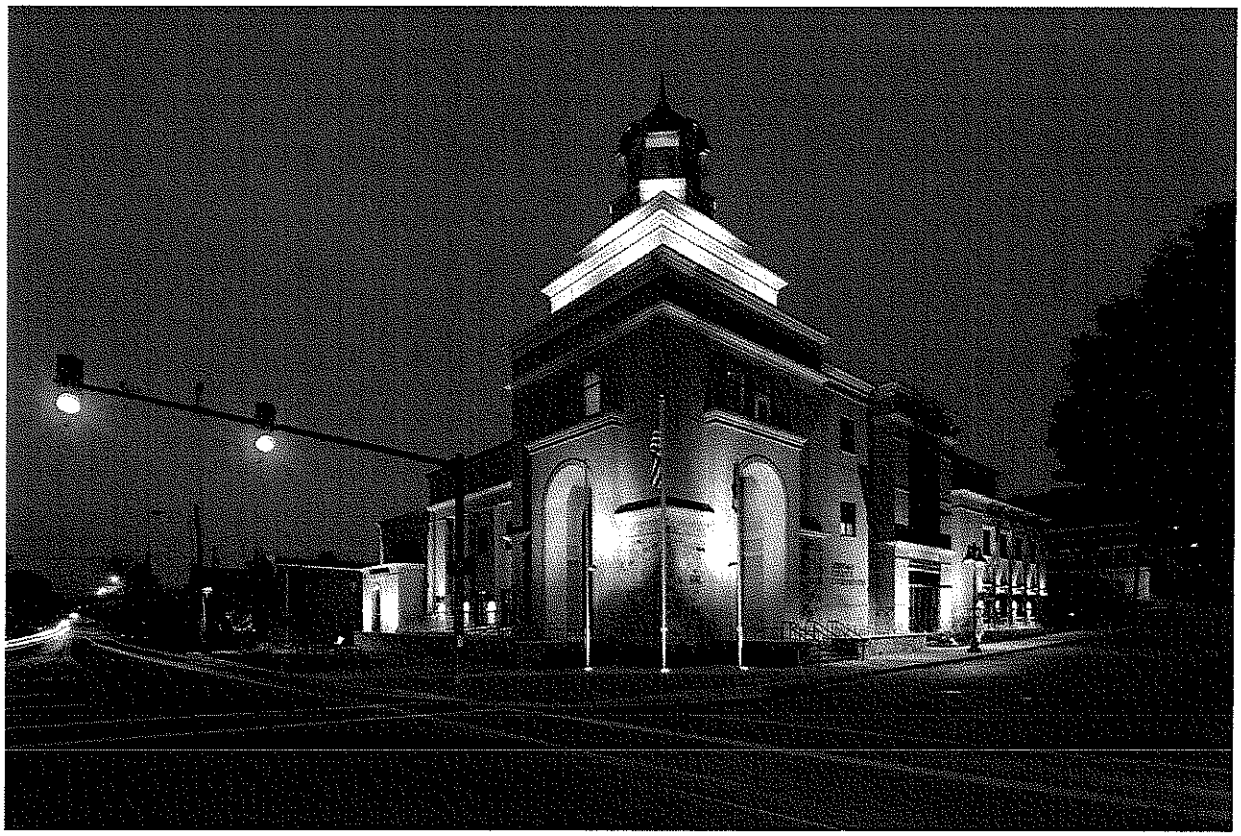
Kevin Noble, P.E., LEED AP
Principal Civil Engineer, Scheeser Buckley Mayfield
Akron, Ohio

Kevin Noble will provide any site civil design and coordination required on this project. Kevin will provide the required drawings and specifications for this work as well as the coordination with other existing site utilities should any new underground services be required.

Design Team Organizational Chart—Key Personnel



4.2.4 Demonstrated Experience



Morgan County Courthouse (Berkeley Springs, West Virginia)

August 8, 2006 marked the second time tragedy destroyed a Courthouse in Morgan County at the corner of Washington and Fairfax Streets in downtown Berkeley Springs. The new 47,000 square foot Courthouse will house all of the County's courts and administrative departments under one roof. A creative approach to the placement of security screening allows for convenient first floor access to the county administrative services, while providing appropriate queuing of court visitors as they make their way to the upper level court departments. The architecture of the new courthouse, which required great sensitivity to the downtown fabric of downtown Berkeley Springs, recalls some of the more prominent features of the historic courthouse, including the cupola, exterior materials, and cornice detail.

Construction Cost:
$11 million (Full A/E Services)

Project Size:
47,000 square feet

Owner:
Morgan County Commission
Brenda Hutchinson
Commission President
PO Box 28
Berkeley Springs, WV 25411
Phone: 1.304.258.8540

Date of Completion:
July 2010

MEP Engineering:
Scheeser Buckley Mayfield

Saint Timothy Lutheran Church (Charleston, West Virginia)

Begun in the spring of 2002, Silling Associates provided complete design services for the new worship center for St. Timothy Lutheran Church located on Lawndale Lane in Charleston, West Virginia. Design services involved programming for a congregation who had occupied the same sanctuary since the late 1940s. Silling Associates worked with the parish council and building committee comprised of thirty-five members, over a six-week period to define the spatial requirements of what would be a 27,800 square foot facility. The arrived upon architectural language and character of the project is a portrait of the congregation and comes from the design teams' personal understanding and ownership of the Church mission. Traditional imagery reflective of a deep appreciation of the Lutheran liturgy is combined with a fresh and delicate articulation of interior and exterior spaces, creating something both familiar and new for this diversely mixed family.

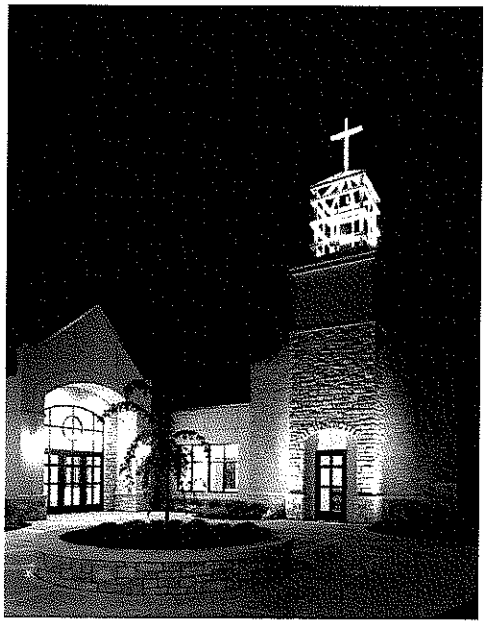
Construction Cost:
$4.5 million (Full A/E Services)

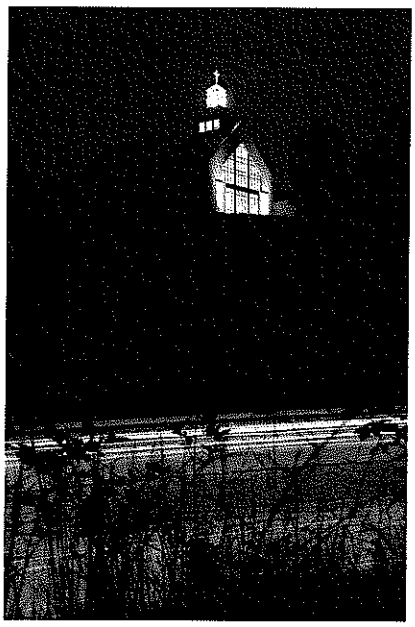
Project Size:
27,800 square feet

Owner:
Mr. Richard Mahan, Pastor
900 Lawndale Lane
Charleston, WV 25304
Phone: 1.304.343.0424

Date of Completion:
2005

MEP Engineering:
Scheeser Buckley Mayfield





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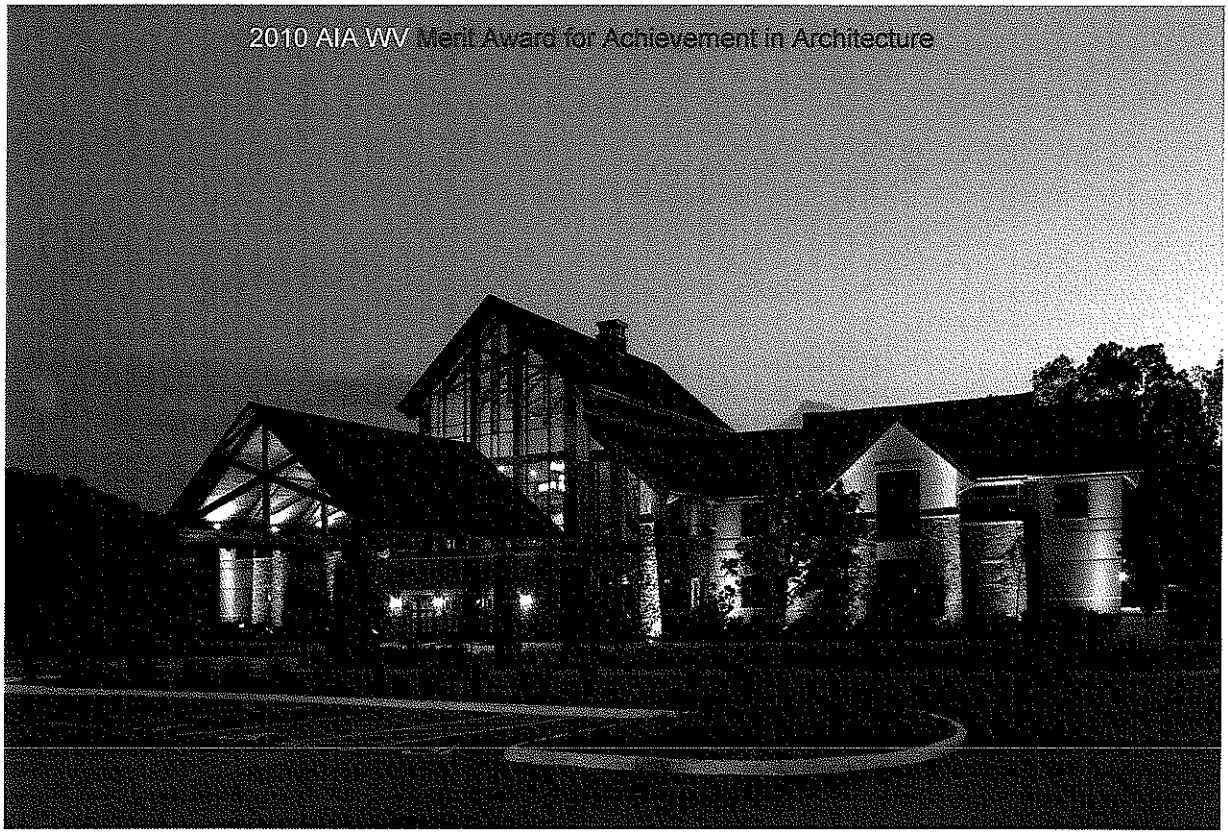
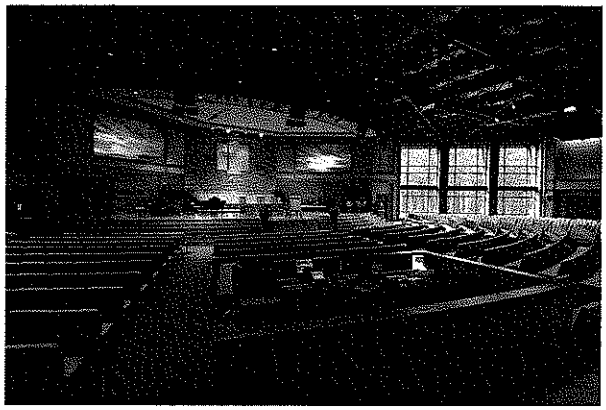


Bible Center Church (Charleston, West Virginia)



This 67,000 square foot worship center is situated on large, wooded site along Corridor G just outside of Charleston. Completed in April of 2008, the first phase of master plan development carried a total construction budget of $17,000,000 and utilizes heavy timber wood trusses, convention steel framing, dry-stack stone veneer, brick, EIFS, and high performance glazing in curtain and storefront window systems. 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.

Construction Cost:
$17 million (Full A/E Services)

Project Size:
67,000 square feet

Owner:
Mr. Lee Walker Church Administrator
Bible Center Church
1111 Oakhurst Drive
Charleston, WV 25314
Phone: 1.304.346.0431

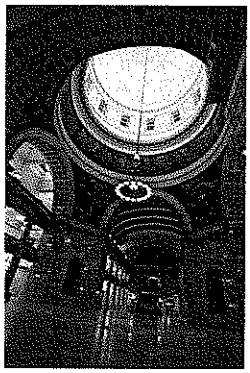
Date of Completion:
2008

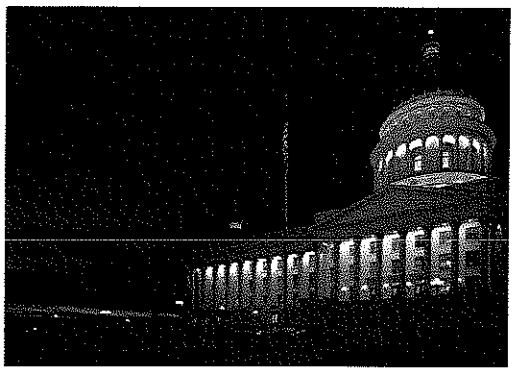
MEP Engineering:
Scheeser Buckley Mayfield

SILLING

609 E. Lockwood Ave.
Suite 201
St. Louis, MO 63119
Tel: 314.961.6650
Fax: 314.961.7640

RANDY BURKETT LIGHTING DESIGN





Utah State Capitol Restoration
Salt Lake City, Utah

A true testament to the process of collaboration, the restoration of the Utah State Capitol – exterior and interior – 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-influence building is home to one of the finest collections of early 20th century architectural lighting.

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 façade.

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, multilamp reflector assemblies were designed.

Construction Cost:	$260 million
Scope of Service:	Full service lighting design from initial conceptual formulation to final installation and focusing; working as a part of a complete architectural and engineering team.
Project Size:	320,000 square feet interior 20 acre site
Owner/Client:	David Hart, FAIA Architect of the Capitol c/o MOCA Systems, Inc. 341 South Main Street Salt Lake City, Utah 84111 (801) 532-3390

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St. Louis, MO 63119
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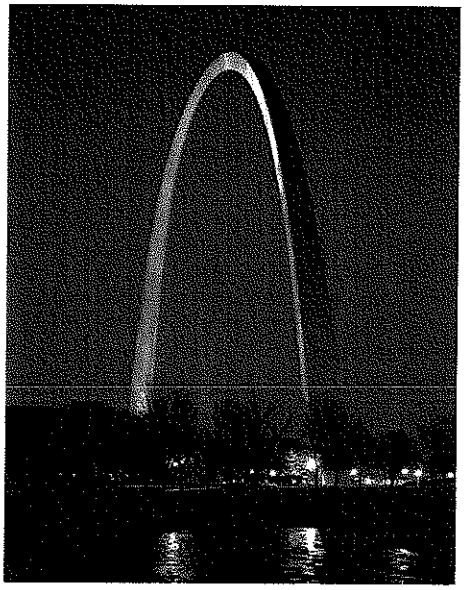
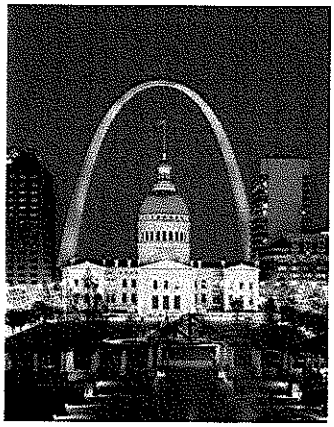


Jefferson National Expansion Memorial
Gateway Arch
Saint Louis, Missouri

Eero Saarinen's Gateway Arch had stood unlighted for 30 years. It was decreed that this design illuminate the 205m high stainless steel monument with a system virtually invisible by day, responsive to the site's archeological concerns, absent of reflected glare to surrounding highways and sensitive to one of the Nation's busiest bird migratory flyways. The solution, formulated by Randy Burkett Lighting Design, from 3 ½ years of mockups and computer analysis, was an innovative short-arc xenon computer controlled lighting system and laser detecting atmospheric monitor to realize the project goals.



Construction Cost:	Undisclosed
Scope of Service:	Full service lighting design from initial conceptual formulation to final installation and focusing.
Project Size:	205 meter high structure with 30 acre site
Owner/Client:	Christy Fox Gateway Foundation 720 Olive Street Suite 1977 St. Louis, Missouri 63101 (314) 241-3337 AND The National Park Service Washington, D.C.

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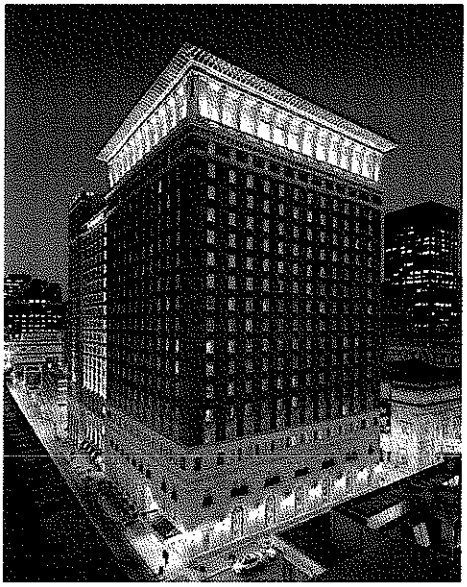

Renaissance Grand Hotel
Saint Louis, Missouri

Designing architectural environments to meet historic requirements offers unique challenges. The exterior light celebrated the building's splendid cornice detailing, while tying it visually to the street with dramatic façade accent uplighting at the ground floor. The lighting of the Renaissance Grand Hotel interiors required historical accuracy in the restored 1917 portion of the hotel, sympathetic but distinctive design in an attached contemporary tower addition, and compliance with all Marriott Hotel lighting requirements. Energy constraints dictated current ASHRAE 90 as a target model. Creative maintenance and operational strategies had to be employed to satisfy both historic and pragmatic concerns.

Construction Cost:	$270 million
Scope of Service:	Full service lighting design from initial conceptual formulation to final installation and focusing; working as part of a complete architectural and engineering team.
Project Size:	900,000 square feet
Owner/Client:	Ron Silverman Senior Vice President - Regional Manager HRI Properties 415 North 10th Street Suite 203 Saint Louis, Missouri 63101 314.436.8161

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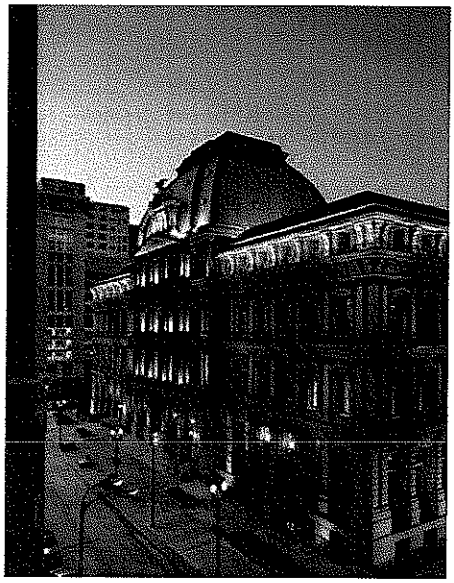

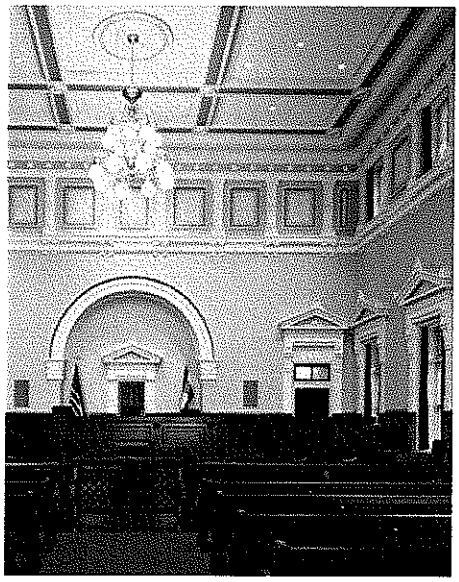

United States Old Post Office and Customs House
Saint Louis, Missouri

Working closely with a myriad of historic reviewing agencies, including the U.S. General Services Administration, the National Advisory Council, the Department of Interior, and the State of Missouri, the Old Post Office was redeveloped as a multi-use structure. The National Historic Landmark, built in 1872, is the sixth most historic building in GSA's inventory and one of the few second empire buildings still in existence. The building is now occupied by the Missouri Court of Appeals, Webster University, the Saint Louis Business Journal, Saint Louis Public Library, the Attorney General and the Missouri Secretary of State.

Randy Burkett Lighting Design was responsible for complete exterior and interior lighting design, as well as providing full consultation services for historic lighting fixture restoration/recreation. Federal energy and sustainability requirements/initiatives made the lighting development extremely challenging.

Construction Cost:	$35 million
Scope of Service:	Full service lighting design from initial conceptual formulation to final installation and focusing; working as part of a complete architectural and engineering team.
Project Size:	245,000 square feet
Owner/Client:	U.S. General Services Administration Washington, D.C. AND Michael Goellner The Desco Group 25 North Brentwood Saint Louis, Missouri 63105 (314) 994-4811

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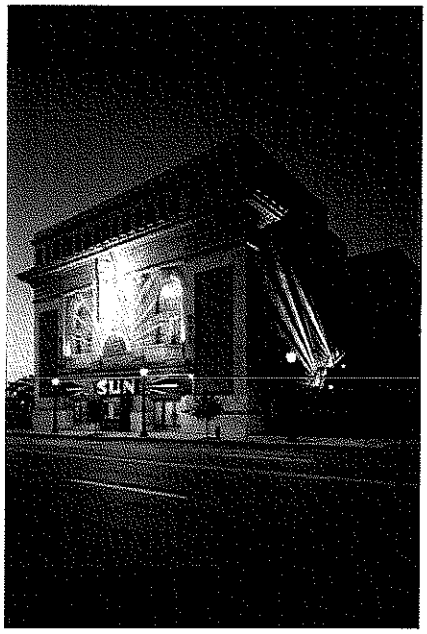
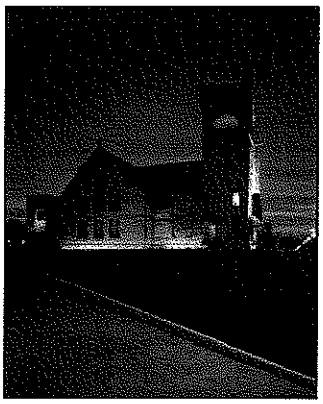
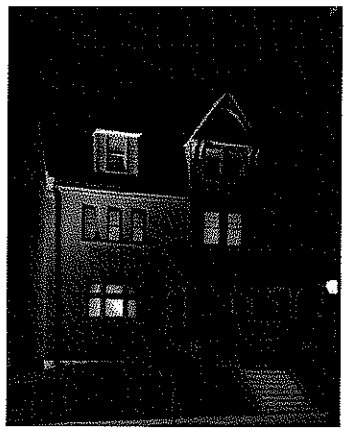
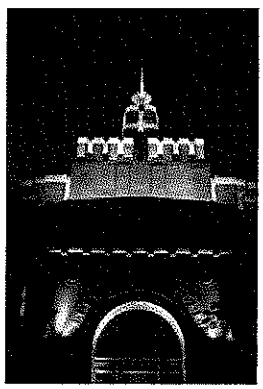








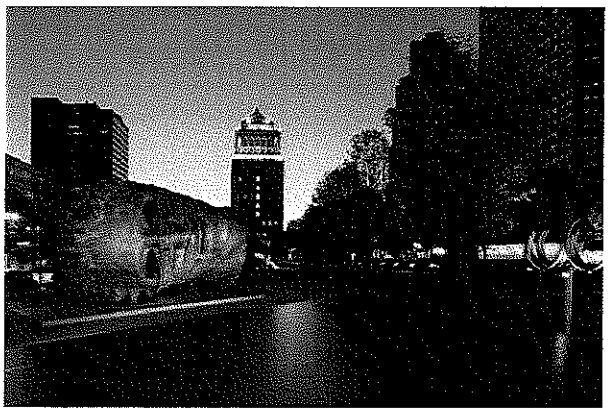
Grand Center Cultural District
Saint Louis, Missouri

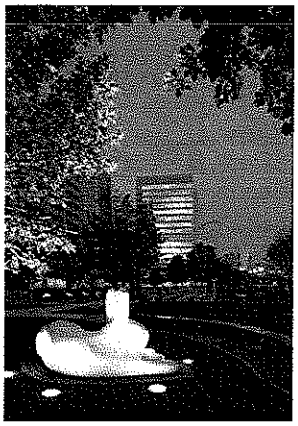
As the cultural heart of the performing arts in Saint Louis, Grand Center's nighttime appearance is of special importance to the District's persona. Randy Burkett Lighting Design used a variety of creative lighting techniques to reinforce both the architecture and experience, for those who attend events. The after-dark revelation of the streetscape and its buildings is key to the success of this vibrant urban setting.

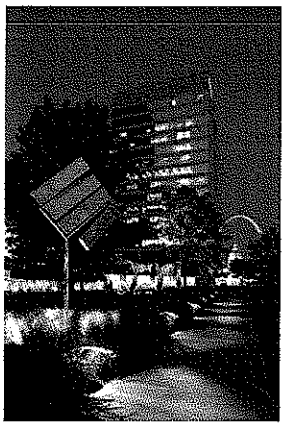
Construction Cost:	$4 million
Scope of Service:	Full service lighting design from initial conceptual formulation to final installation and focusing.
Project Size:	8 city blocks
Owner/Client:	Merrell Weigraffe Director of Facilities Grand Center, Inc. 3526 Washington Avenue 2nd Floor Saint Louis, Missouri 63103 (314) 289-1500

609 E. Lockwood Ave.
Suite 201
St. Louis, MO 63119
Tel: 314.961.6650
Fax: 314.961.7640

RANDY BURKETT LIGHTING DESIGN







CityGarden
Saint Louis, Missouri

Randy Burkett Lighting Design is proud to have been involved in the recently completed CityGarden, one of the most exciting urban projects in downtown Saint Louis in over forty years. It opened to critical and public raves in 2009, with lighting design playing a particularly critical role in its nighttime success.

Framed by office towers, two formerly vacant blocks have been transformed into a vibrant and serene blending of lush plantings and internationally renowned sculpture, with delights of water, stone, architecture and design.

Randy Burkett Lighting Design's role was the design of illumination for all of the Gardens artwork and sculptural pieces, as well as the site's only public building, the Terrace Café.

Construction Cost:	$30 million
Scope of Service:	Full service lighting design from initial conceptual formulation to final installation and focusing; working as part of a complete architectural and engineering team.
Project Size:	4 acres – Urban Sculpture Garden
Owner/Client:	Sara Myhre Nelson Byrd Woltz Landscape Architects 408 Park Street Charlottesville, VA 22902 (434) 984-1358

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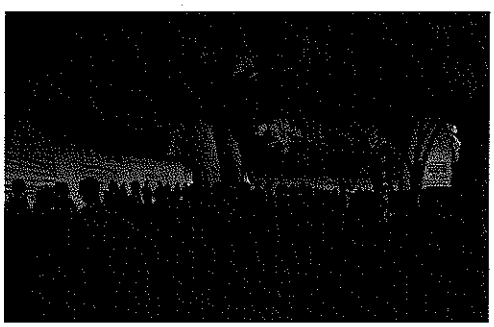
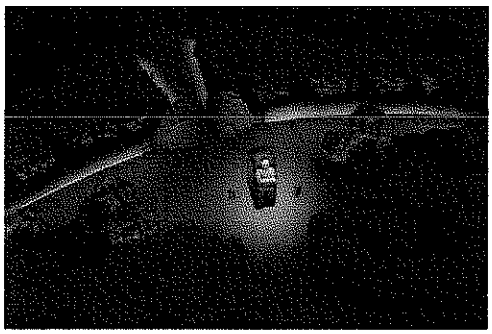
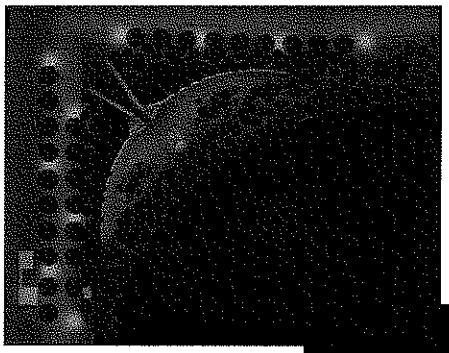
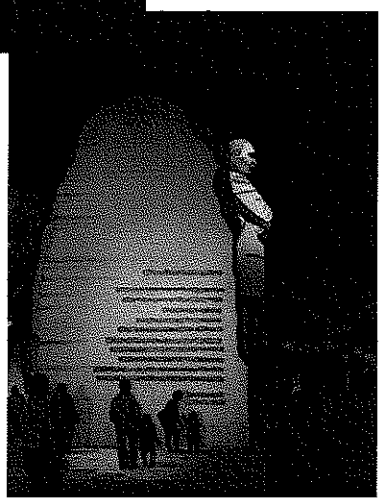
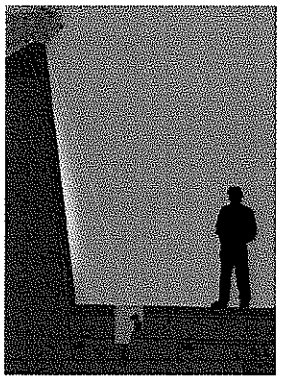










Martin Luther King, Jr. Memorial
Washington, D.C.

A commemoration of the life and work of Dr. Martin Luther King, Jr. with the creation of a memorial to honor his national and international contributions to world peace through non-violent social change. The memorial and park will be located on the Tidal Basin in Washington, DC, midpoint between the Jefferson Memorial and Washington Monument. Randy Burkett Lighting Design is responsible for complete memorial and site lighting, and all lighting controls.

Construction Cost:	$100 million
Scope of Service:	Full service lighting design from initial conceptual formulation to final installation and focusing; working as part of a complete architectural and engineering team.
Project Size:	4 acres
Owner/Client:	Ron Kessler McKissack & McKissack 1401 New York Ave, NW Suite 900 Washington, DC 20005 202.347.1446 AND The Martin Luther King Jr. Foundation Washington, D.C.

Client References—Silling Associates, Inc.

Mr. Steve Canterbury, Administrative Director for the West Virginia Supreme Court
State Capitol Complex
Building 1, Room E-100
Charleston, WV 25305-0830
304.558.0145

Mr. Jim Rubenstein, Commissioner
West Virginia Division of Corrections
112 California Avenue, Room 300
Charleston, WV 25305
304.558.2036

Client References—Randy Burkett Lighting Design, Inc.

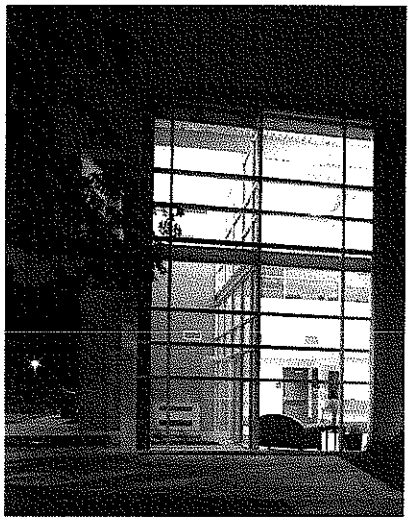
Robert Loversidge, Jr., FAIA
Schooley Caldwell Associates
300 Marconi Boulevard
Suite 100
Columbus, Ohio 42215
614.628.0300
Architect for the Utah State Capitol Restoration

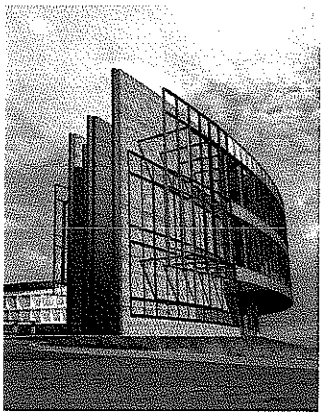
Robert Pett, AIA
Capitol Restoration Group
524 South 600 East
Salt Lake City, Utah 84102
801.364.5161
Architect for the Utah State Capitol Restoration

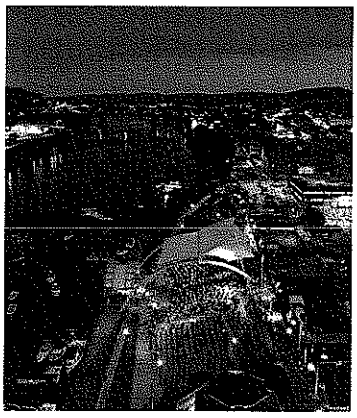
Philip Hamp, FAIA
Vinci Hamp Architects
1147 West Ohio Street
Chicago, Illinois 60622
312.733.7744
Architect for the Illinois State Capitol Restoration

Christy Fox
Executive Director
The Gateway Foundation
720 Olive Street
Suite 1977
St. Louis, Missouri 63101
314.241.3337
Client for the Jefferson National Expansion Memorial Gateway Arch and CityGarden

Ted Spaid, ASLA, CLARB
SWT Associates
7722 Big Bend Boulevard
St. Louis, Missouri 63119
314.644.5700
Architect for the Saint Louis Art Museum Art Hill Restoration



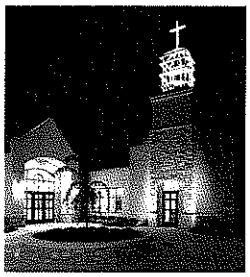
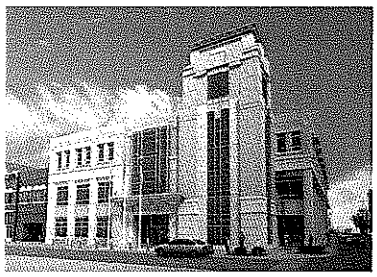
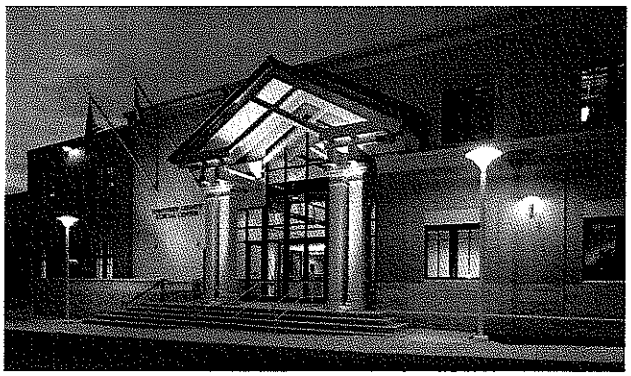




About **SILLING**ASSOCIATES, Inc.

Architectural success is measured by vision and an unwavering dedication to excellence. This axiom was the philosophical birth of Silling Associates Incorporated by H. Rus Warne in 1902. Following the lead of partners like Warne and its namesake, Cy Silling, the firm today has the proud distinction of being the oldest continuing architectural firm in West Virginia and one of the oldest in the eastern United States. Throughout, Silling Associates has woven itself into the very fabric of West Virginia, providing planning and architectural services that have touched the lives of virtually every citizen and delivering landmark projects collectively defining its built environment.

Whether through its early century beaux arts and neo-classical collection, its mid-century modern and post-modern portfolio, or its current contextual vocabulary, Silling has always been renowned as one of the premier architectural firms in the state. Today, Silling Associates continues to have a powerful impact on the region's architectural landscape through fresh, yet solid design and responsible project management.


ORGANIZATIONAL Structure

Silling Associates is a principal-led design practice, and the organizational structure of our firm is very much studio-oriented. The principals of our practice are actively engaged in all projects and routinely serve as daily project managers for all major design commissions. This structure ensures that first-hand project criteria, relayed directly from clients in programming and design review meetings, is directly applied to all work within the office; from conceptual design through construction detailing, specification writing, and construction observations services. Likewise, through this studio environment structure, all the talents and perspectives of the entire design and production staff at Silling are brought to each design task, allowing our firm to build multiple-person teams within the office to focus on a variety of projects simultaneously. Likewise, open sharing of project information, project status, and large picture scheduling of our workload allow architects, designers, and technicians to be informed on a number of current project needs and deadlines and cross-pollinate from job to job and task to task. This highly interactive and collaborative structure yield compelling design solutions, maintains client expectations throughout the process, and most importantly ensures quality through principal leadership.

However, it is primarily a culture of service that permeates everything that Silling does and leads to very satisfied clients. Aggressive communication is an axiom of our firm, and the heart-felt desire to be highly responsive to client needs and demands has proven to be one of the many reasons that owners select Silling Associates. This is most obvious in the number and references of our many repeat clients across the state.

AWARDS & Recognition

Consistent leadership, creative vision and service has always been a distinguishing characteristic of Silling Associates. Since our founding in 1902, the firm has consistently been recognized by leading industry organizations, publications, and professional groups. Recent awards through the WV Chapter of American Institute of Architects include a **2004 Honor Award for Excellence in Architecture** (Star USA Federal Credit Union), **2006 Merit Award for Achievement in Architecture** (James C. Wilson Union), **2008 Honor Award for Excellence in Architecture** (Chesapeake Energy Eastern Regional Headquarters), and **2009 Merit Award for Achievement in Architecture** (Bible Center Church).

Edward Weber, AIA, LEED AP™

Senior Associate

Professional Bio

Ed has over twenty years' experience as a practicing architect with significant work in all phases of architectural programming, schematic design, design production and construction contract administration. After graduating from Notre Dame in 1992, Ed joined the Chicago office of Richard Gibbons and Associates. There he managed high-end custom residential projects of renovation and new construction work with construction budgets between $500,000 and $20,000,000. In 1999, Ed was offered partnership and the firm of Gibbons, Fortman & Weber was created in January of 2000. Under GFW, the office work expanded and projects became more diverse with commissions for hospitality design of restaurants and lounges, as well as residential and commercial developments throughout the city. Having joined Silling Associates in 2006, Ed brings his extensive project management experience and design talent to the firm's major commissions. His involvement is specifically appropriate in those projects pertaining to campuses and master plans, urban settings, historic contexts, and residential scale.

With Professional Accreditation by the U.S. Green Building Council (USGBC) in coordination with the Green Building Certification Institution (GBCI), Ed holds the title of LEED AP for New Construction and Major Renovations. As a LEED AP (Leadership in Energy and Environmental Design), Ed has distinguished himself as having the knowledge and skills necessary to participate in the design process, to support and encourage integrated design, and to streamline a building's LEED application and certification process. Ed was most recently elected to the Board of Directors for the West Virginia Chapter of the USGBC.

Education

Bachelor of Architecture
University of Illinois, Chicago 1986

Master of Architecture and Urban Design
University of Notre Dame 1992

Licenses & Certifications

Licensed Architect in West Virginia & Illinois
LEED AP

Professional Affiliations

Self-Certified Architect, City of Chicago, DCAP; Registered Energy Professional, City of Chicago, DCAP; Former Board of Directors, Habitat for Humanity, Windy City Affiliate Former Construction Committee Chair, Habitat for Humanity, Windy City Affiliate; Board of Directors, WV Chapter of the United States Green Building Council

Awards & Recognition

2010 AIA WV Honor Award for Excellence in Architecture, Chesapeake Energy Eastern Regional Headquarters

Notable Project Experience

Charleston House Holiday Inn
for Plaza Management
Charleston, WV

Chesapeake Energy Eastern
Regional Headquarters
Charleston, WV

Chesapeake Energy Regional
Field Offices
WV, KY, PA, NY

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

WV Supreme Court of Appeals
East Wing of the State Capitol
Complex

Moses Residence
Barboursville, WV

McJunkin Residences
Charleston, WV

4100 Kanawha Avenue Residence
Charleston, WV

Pray Residence
Charleston, WV

Weintraub Residence
Charleston, WV

Charleston Mixed-Use
Development Study, CADCO
Charleston, WV

St. Matthews Episcopal Church
Charleston, WV

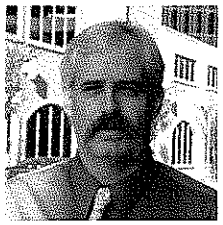
Sidetrack Rooftop Bar
Chicago, IL

Substation North Lofts
Chicago, IL

Gold Coast Residence
Chicago, IL

Winnetka Residence
Winnetka, IL

Chicago Loft Residence
Chcago, IL



Notable Project Experience

Morgan County Courthouse
Berkeley Springs, WV

Raleigh County Judicial Center
Beckley, WV

Hampshire County WPA Annex
Romney, WV

Hampshire County Sheriff's Building
Romney, WV

Tri-State Casino Resort Hotel
Cross Lanes, WV

Anthony Correctional Center

Huttonsville Correctional Work Camp
Huttonsville, WV

Martinsburg Correctional Center
Martinsburg, WV

Putnam County Courthouse
Winfield, WV

Hamblin Hall Boiler Replacement
West Virginia State University

Ferrell Hall Chiller Replacement
West Virginia State University

Sullivan Hall Elevator Replacement
West Virginia State University

Wyoming County Courthouse Annex
Pineville, WV

Sean Simon, AIA

Architect & Construction Period Service Manager

Professional Bio

Sean has sixteen years' experience involving all phases of architectural programming, design, construction document production, and construction contract administration. From 1998 through 2007, he operated his own architectural practice providing comprehensive design and project management services for a variety of project types including banking, commercial, government, education, health care, religious, and residential.

Sean joined Silling in 2008 as a Construction Period Service Manager, working closely with the firm's production staff throughout the construction document phase and providing construction contract administration services. He is responsible for facilitating pre-construction meetings providing clear definition of project goals and owner expectations, reviewing contractor submittals, product samples, and shop drawings for conformance to the contract drawings and specifications, attending progress meetings to maintain clear communication with builders, observing installation of materials and systems to verify their conformance with the design intent, and monitoring the project schedule.

Sean earned a Bachelor of Architecture from the University of Tennessee in 1992 and is a member of the West Virginia Chapter of the American Institute of Architects.

Education

Bachelor of Architecture
The University of Tennessee, 1992

Licenses & Certifications

Licensed to practice architecture in West Virginia, Maryland, Ohio, Virginia, and Pennsylvania.

Professional Affiliations

American Institute of Architects, West Virginia Chapter (AIAWV)

Civic Involvement

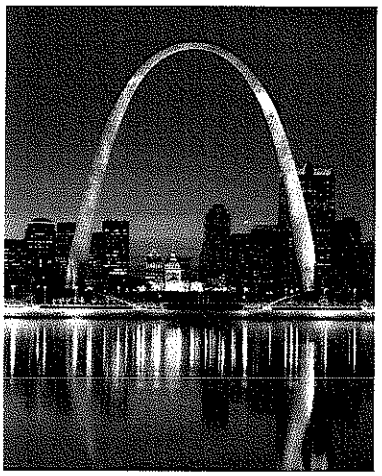
Cub Scoutmaster for Pack 434—Serves as Unit Commissioner for Little Kanawha District, Allohak Council; Little Kanawha District Roundtable

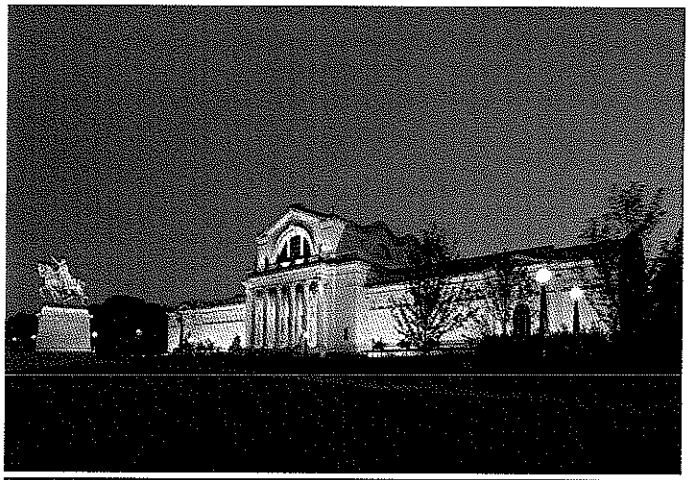
Randy Burkett Lighting Design, Inc.

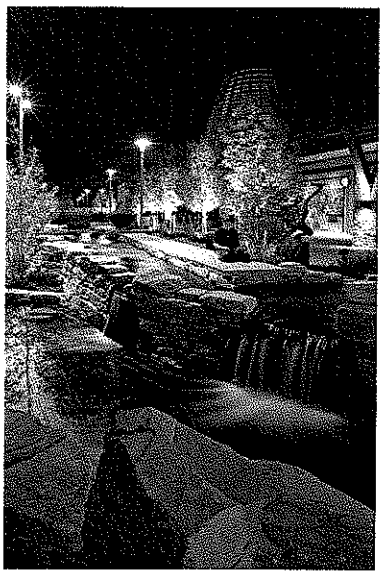
609 East Lockwood Avenue
Suite 201
Saint Louis, Missouri 63119
314.961.6650
314.961.7640 (Fax)
www.rbldi.com

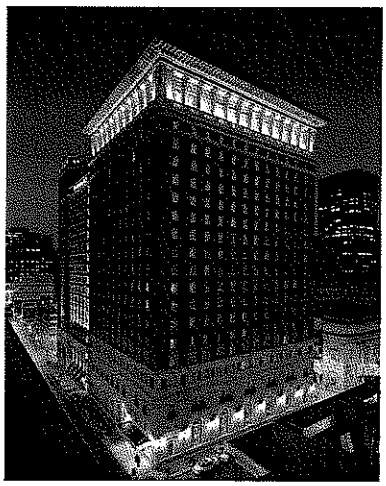
RANDY
BURKETT
LIGHTING
DESIGN

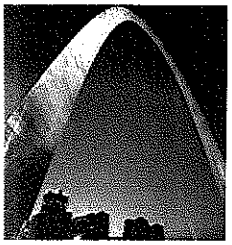
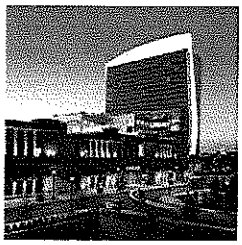
Exterior Building and Façade Lighting

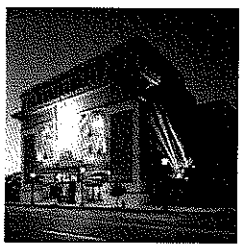










RANDY BURKETT LIGHTING DESIGN

Exterior

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 excitement of a bustling theme park to the majesty of one of the world's greatest monuments, Randy Burkett Lighting Design has been responsible for the illumination of a diverse collection of outdoor structures and spaces throughout the world.

Jefferson National Expansion Memorial Gateway Arch
St. Louis, Missouri

Grand Center
St. Louis, Missouri

Empress River Casino
Joliet, Illinois

1999 K Street
Washington, DC

Lesner Bridge Replacement (2011)
Virginia Beach, Virginia

St. Louis Art Museum
St. Louis, Missouri

Underwater Lighting at the Red Sea
Saudi Arabia

Zhe Jiang Fortune Finance Center
Hangzhon, China

Moscow Administration Building
Moscow, Russia

Renaissance Place
Highland Park, Illinois

Corridors Office Building
Chicago, Illinois

Bannockburn Office Building
Bannockburn, Illinois

Chain of Rocks Bridge
St. Louis, Missouri

Shaw Park Plaza
Clayton, Missouri

The Plaza in Clayton
Clayton, Missouri

Old Post Office and Customs House
St. Louis, Missouri

Packard Lofts
St. Louis, Missouri

Martin Luther King, Jr. Memorial (2010)
Washington, DC

Petronas Towers Lighting Enhancements
Kuala Lumpur, Malaysia

Gateway Center
Chicago, Illinois

Blessed Sacrament
Springfield, Illinois

City Place
St. Louis, Missouri

Sigma Aldrich
St. Louis, Missouri

Citimortgage
St. Louis, Missouri

Riverwalk of San Antonio Master Plan
San Antonio, Texas

Old Post Office Renovation/Restoration
San Antonio, Texas

Missouri State Capitol
Jefferson City, Missouri

Utah State Capitol
Salt Lake City, Utah

20 West Kinzie
Chicago, Illinois

The Renaissance Grand Hotel
St. Louis, Missouri

Packard Lofts
St. Louis, Missouri

Goethels Bridge (2012)
New York, New York

Ely Walker Building
St. Louis, Missouri

Gateway Sculpture Garden
St. Louis, Missouri

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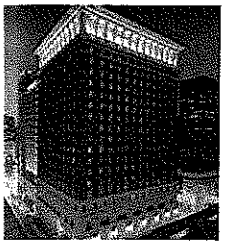
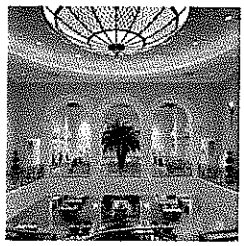
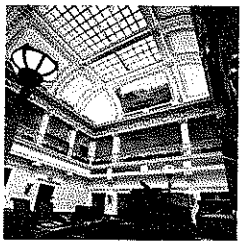
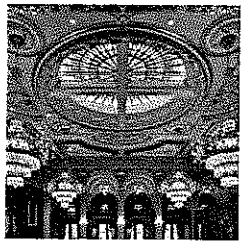





RANDY BURKETT LIGHTING DESIGN



Historic Restoration

The respect for, and preservation of, man's achievements in art and architecture are among his noblest pursuits. As a part of that work, the understanding of lighting's role is of paramount importance. 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.

St. Louis Gateway Renaissance Hotel
St. Louis, Missouri

Utah State Capitol
Salt Lake City, Utah

U.S. Post Office Renovation/Restoration
San Antonio, Texas

Lennox Hotel
St. Louis, Missouri

Missouri State Capitol Rotunda
Jefferson City, Missouri

Missouri State Capitol – Senate Chamber
Jefferson City, Missouri

Illinois State Capitol – Senate and House Chambers
Springfield, Illinois

Westin – Cupples Station
St. Louis, Missouri

Washington University Holmes Hall
St. Louis, Missouri

The Piper Plant House at Tower Grove Park
St. Louis, Missouri

Delta Queen Steamboat
New Orleans, Louisana

Washington University Brookings Hall
St. Louis, Missouri

United States Custom House and Post Office
St. Louis, Missouri

Renaissance Grand Hotel
St. Louis, Missouri

Graham Chapel at Washington University
St. Louis, Missouri

Chain of Rocks Bridge
St. Louis, Missouri

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RANDY
BURKETT
LIGHTING
DESIGN

Randy Burkett, FIALD, IESNA, LC
President and Design Principal

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 convention centers, museums, retail malls and stores, corporate offices, government facilities, health care and laboratory facilities, site developments and building exteriors. 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 and is both a former board member and president. He is involved in IESNA Technical and Design committees including "Quality of the Visual Environment", and "Office Lighting". He has authored a wide variety of design and technical articles appearing in publications in over 40 countries. He is a frequent speaker to professional organizations on a variety of lighting design subjects and has served as an instructor at the University of Colorado in Boulder and Maryville University in St. Louis. He is currently a member of the Adjunct Faculty of Washington University's Graduate School of Architecture.

Education:

The Pennsylvania State University
Bachelor of Architectural Engineering 1978
Institute of Advanced Architectural Studies; York, England 1977
University of Leeds; Leeds, England 1977

Professional Affiliations:

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

Awards:

International Illumination Design Awards
Award of Distinction 1993
Award of Excellence 1988, 1996, 2000, 2002, 2004
Special Citation 1987
Edwin F. Guth Award of Merit 1986, 1988, 1990 thru 2002, 2004 thru 2007, 2008, 2009
The Edison Award – First Place, 1992
The Edison Award of Excellence 1991, 1996, 2003, 2005, 2008
International Association of Lighting Designers
Award of Excellence 1993
Award of Merit 2002
Citation 1993

RANDY
BURKETT
LIGHTING
DESIGN

Ronald D. Kurtz, IALD, IESNA, LEED AP
Associate and Senior Lighting Designer

Ron Kurtz has been with Randy Burkett Lighting Design since 1990. Ron's responsibilities as a 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 and exhibits.

Ron is an active member of the International Association of Lighting Designers and currently serves on the Sustainability Committee 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 is a member of ASHRAE's 90.1 Energy Standards Committee. He has been a speaker on a number of lighting topics at professional and educational conferences.

Education:

The Pennsylvania State University
Bachelor of Architectural Engineering 1987

Professional Affiliations:

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

Awards:

International Illumination Design Awards
- Award of Excellence 1996, 2000, 2002
- Edwin F. Guth Award of Merit 1992, 1993, 1997, 1999, 2000, 2001, 2002, 2004, 2005, 2007, 2008, 2009

Edison Awards
- Award of Excellence 2006, 2008
- Award of Merit 1995, 2003

International Association of Lighting Designers
- Award of Merit 2002

DESIGN AWARDS 2010

OUTSTANDING ACHIEVEMENT

Utah State Capitol Restoration

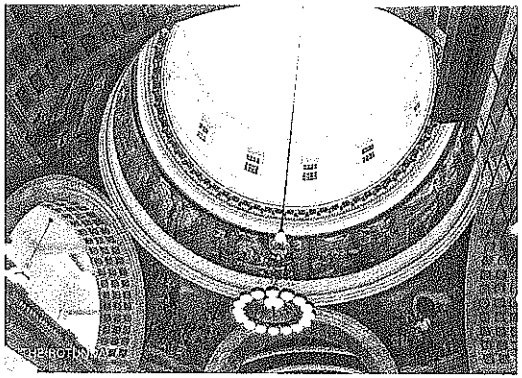
RANDY BURKETT
LIGHTING DESIGN

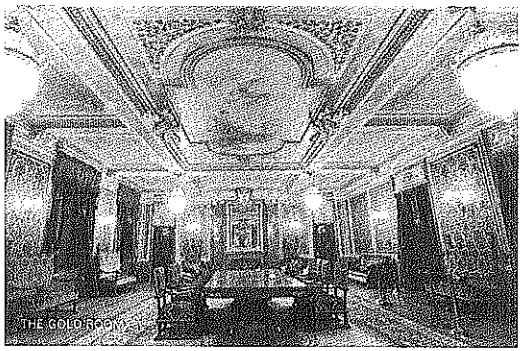
Category: Whole Building

Jury Comments:
The scope of the project and the project delivery is unique. • There is an extraordinary attention to detail in creating a lighting strategy that is sensitive to the historic architectural context. • A true collaborative effort.

Details
Client: State of Utah, Salt Lake City
Architect for the Utah State Capitol and Executive Director of the Capitol Preservation Board (duration of project): David Hart, FAIA
Consortium of Architects (assembled specifically and only for the duration of the project): Capitol Restoration Group, Salt Lake City
Restoration Architect: Schooley Caldwell Associates, Columbus, Ohio
Lighting Designer: Randy Burkett Lighting Design, St. Louis
Electrical Engineer: Spectrum Engineers, Salt Lake City
Design Assist Consultant: Rambusch Lighting, Jersey City, N.J.
Photographers: Dunn Communications, Salt Lake City; Capitolshots Photography, Corona, Calif.
Project Size: 320,000 square feet
Project Cost: $260 million
Lighting Installation Cost: $5 million
Watts per Square Foot: 1.25

Manufacturers
Columbia Lighting, Elliptipar, Litecontrol, Rambusch Lighting, Sterner Lighting, Winona Lighting

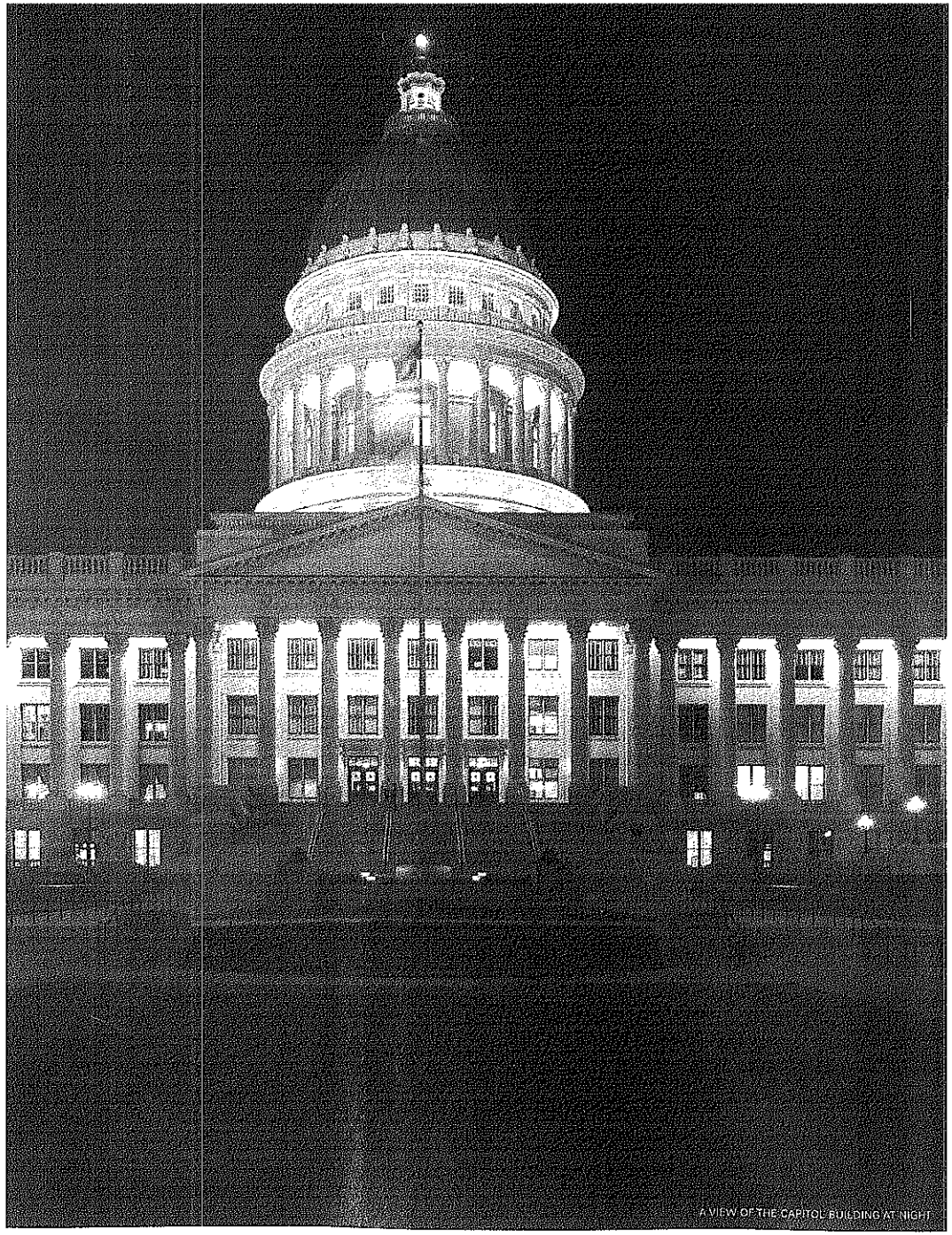

THE ROTUNDA


THE GOLD ROOM

A true testament to the process of collaboration, the restoration of the Utah State Capitol—exterior and interior—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. But before the team, including lighting designer Randy Burkett, could embark on the restoration, they had to evaluate the range of historic light fittings and decide how they would both restore original luminaires and upgrade the lighting to meet 21st century standards. To that end, Burkett enlisted Edwin Rambusch of Rambusch Lighting as a design assist consultant so that the lighting restoration work and the recreation of historic fixtures could be properly assessed for scope of work and budget.

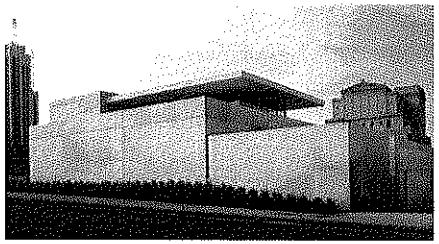
The first order of business was to illuminate the exterior. The 300-foot-tall dome is softly, but precisely, lit from the rooftop corners with 400W metal halide floodlights. Additional layers of illumination highlight the lower portion of the dome's drum, and portico of Corinthian capitals on the façade.

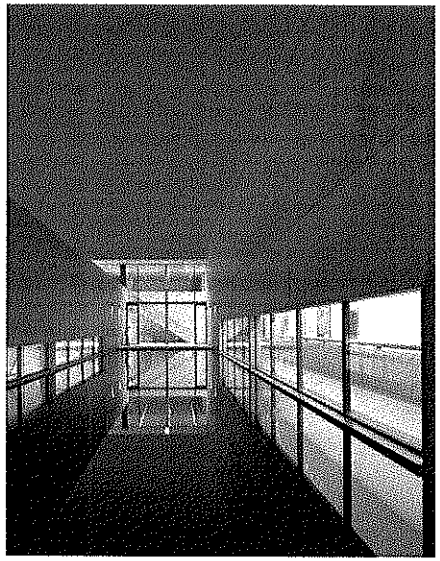
For the interior, luminaries were recreated using archival photographs as references and working from the extant decorative castings. The team always gave thought to both the look of the fixture as well as the quality of light emanating from it. To address the vast array of luminaires and variable conditions, open and recessed-gear-tray, multilamp reflector assemblies were designed to work with compact fluorescent, ceramic metal halide discharge, and halogen sources. More than 10 years in the making, the restoration of the Utah State Capitol celebrates light across the ages. ELIZABETH DONOFF


A VIEW OF THE CAPITOL BUILDING AT NIGHT

Randy Burkett Lighting Design, Inc.

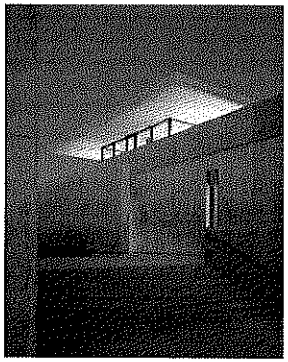
Pulitzer Foundation for the Arts
St. Louis, Missouri

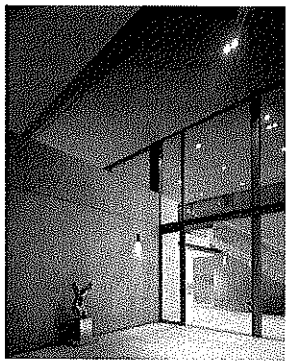


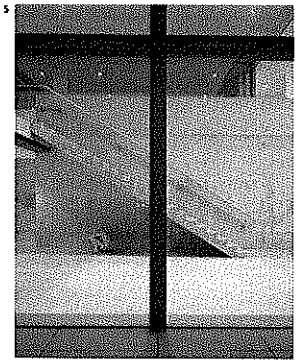


Lighting the first U.S. public commission for Pritzker laureate Tadao Ando, the three-floor, 43,000-square-foot Pulitzer Foundation for the Arts, in St. Louis, offered a rare design opportunity for Randy Burkett Lighting Design. Since the Foundation's major permanent works of art—Ellsworth Kelly's wall sculpture, Blue Black, and Richard Serra's torqued spiral sculpture, Joe—were commissioned specifically for the building, they were created at the same time as the architecture and lighting. This rare concurrence helped inspire a lighting design that treats architecture and art as a seamless environment. During the day, light entering through narrow skylights, clerestories and low glass sidelights is filtered by inter-reflections off interior walls and a centrally located exterior reflecting pool. The baffling provides a softer view of the art while dramatizing the architecture's concrete planes. Electric lighting in daylighted galleries plays a minimal role before nightfall, when dimmable, mostly halogen-source wallwashing and accenting are required. By contrast, other galleries use flexible recessed track lighting, controlled by dimming and neutral density filters, while public spaces are lighted "quietly" with recessed PAR-halogen point sources and spread lenses that softly bathe planes and provide visual cues for orientation. The visitor's experience of art and architecture is made more memorable by a lighting design that celebrates it through respectful revelation.

1 - 5: Pulitzer Foundation for the Arts, St. Louis, Missouri, Tadao Ando, architect; Robert Pettus, photographer.

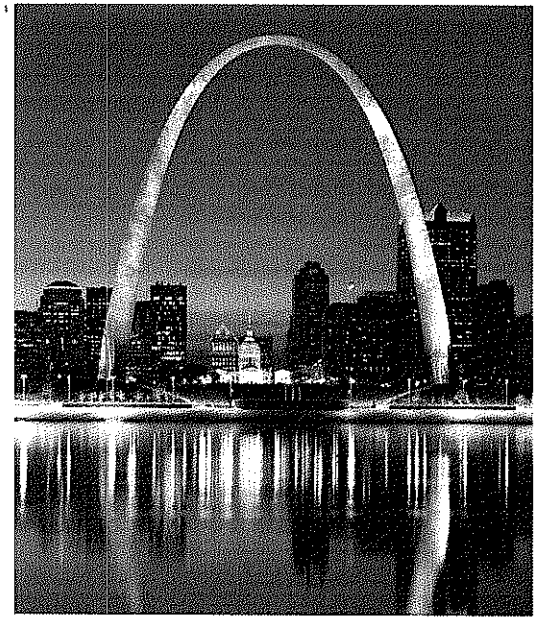


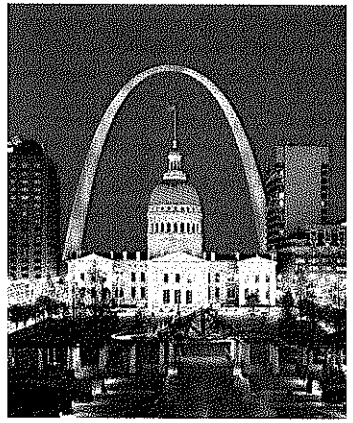


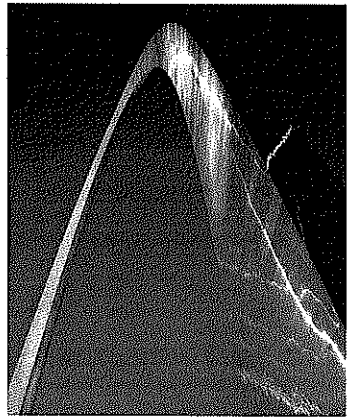


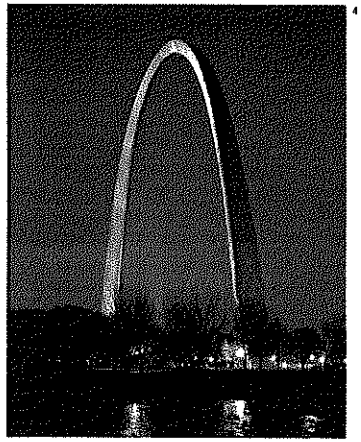
Randy Burkett Lighting Design, Inc.

Jefferson National Expansion Memorial Gateway Arch
St. Louis, Missouri







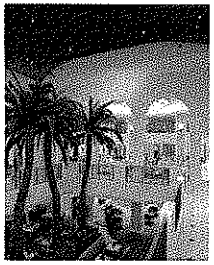


Although St. Louisans had longed for nighttime displays of their iconic Jefferson National Expansion Memorial Gateway Arch, designed by Eero Saarinen, no lighting design proposed for the 630-foot-high stainless steel structure since its 1965 opening proved acceptable. The technical challenges, bureaucratic hurdles, resistance from historians, and risks to waterfowl seemed insurmountable. Now, following three and 1/2 years of design, computer analysis and full-scale mockups, an award-winning lighting installation by Randy Burkett Lighting Design successfully honors Saarinen's vision and meets a variety of special requirements. Because the National Park Service insisted the lighting be invisible by day, 44 custom-designed, 3000-watt, short-arc xenon luminaires were mounted within four subterranean concrete vaults on the Arch's east and west sides. The vaults' excavation received detailed archaeological reviews to ensure that buried artifacts were undisturbed or relocated. To permit precise beam shaping and nuanced intensity, each luminaire employs a computer adjustable reflector system, along with a special lens that elongates and softens distribution, while minimizing spill light. Because the Mississippi River is a major migratory corridor for waterfowl, luminaires are automatically extinguished by a central computer in bad weather to protect birds from harm. Of course, on clear nights the Arch is the "must-see" it is in daylight.

1 - 4: Jefferson National Expansion Memorial Gateway Arch, St. Louis, Missouri, Eero Saarinen, architect; Debbie Franke, photographer. IES IIDA Award of Excellence, IALD Award of Merit.

Randy Burkett Lighting Design, Inc.

Renaissance Grand Hotel
St. Louis, Missouri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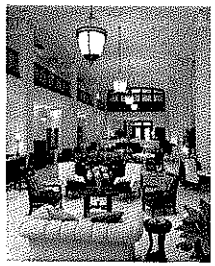
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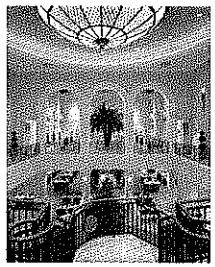
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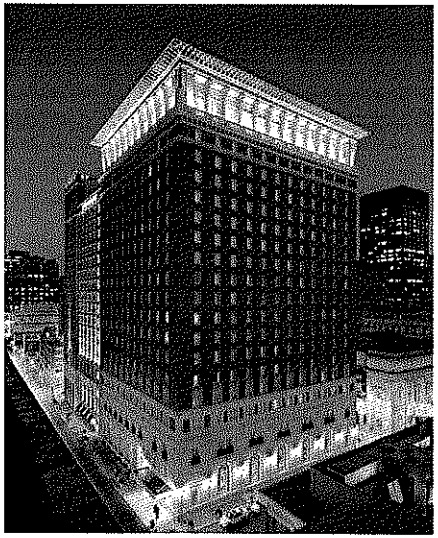
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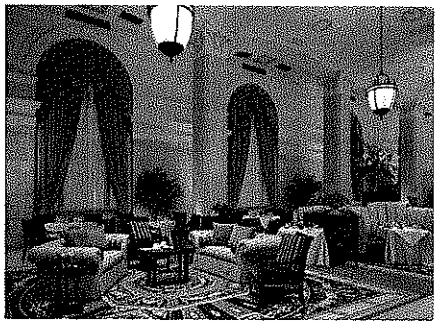
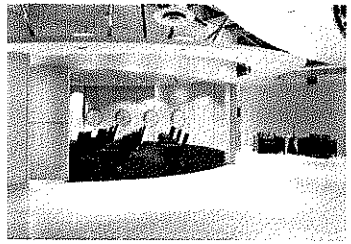
The rebirth of the former Statler Hotel, the standard for hospitality in early 20th century St. Louis, as the new Renaissance Grand Hotel challenged RTKL Associates, architect, Forest Perkins, interior designer, and Randy Burkett Lighting Design, lighting designer, to devise a new architectural environment that met historic requirements—while providing all the expected hotel amenities. The award-winning lighting design demanded historical accuracy in the restored 1917 section, sympathetic yet distinctive design in the contemporary tower addition, compliance with Marriott's lighting standards, all while meeting a project cap based on a $9-million design-build bid. With ASHRAE 90 as the target model, the lighting in such spaces as the historic hotel lobby, atrium, and 22nd-floor ballroom was restored to its original splendor, while new facilities received their own opulent identity. The Renaissance Grand's premier dining facility, for example, now occupies the Statler's lobby, highlighted by replicated pendants that glow with long-life A-lamp halogen warmth while 100-watt quartz halogen uplights dramatize resplendent vaulted ceilings. Not to be outdone, the new lobby sparkles beneath an expansive ornamental chandelier, an intricate glass structure incorporating a "catwalk" for servicing its compact fluorescent sources. Such careful detailing explains why the hotel met the client's expectations while coming in $1 million under the bid price.


5

1 - 4: Renaissance Grand Hotel, St Louis, Missouri, RTKL Associates, architect; Forest Perkins, interior designer; Alise O'Brien Architectural Photography, photographer. IES IIDA Award of Merit, Edison Award of Merit.

Randy Burkett Lighting Design, Inc.

i2 Technologies, Inc.
Center of Excellence
Dallas, Texas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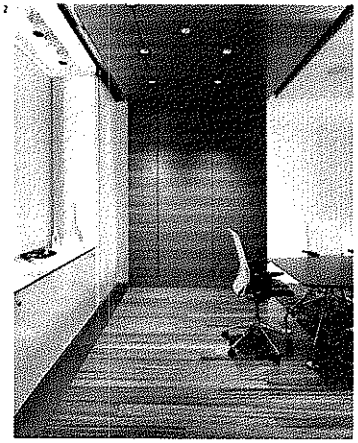
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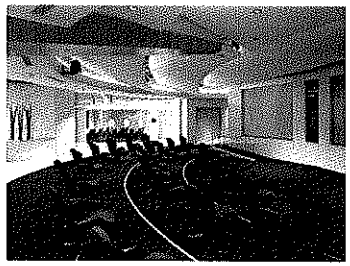
i2 Technologies' 20,000- square-foot Center of Excellence, in Dallas, Texas, designed by Lauck Group, architect, is a tour de force presentation space where everything expresses the power of products from this publisher of supply chain management software. Lighting created by Randy Burkett Lighting Design is integral to the environment, making vertical and horizontal planes glow while layering accent light with color in a kinetic way that suggests constant movement. Under the command of a centralized dimming and AV control system, lighting is orchestrated to produce a unique solution in every space. Entering visitors immediately catch glimpses of high-tech conferencing, breakout and presentation areas in the lobby, with small aperture MR16 halogen downlights, within copolymer ceilings, providing ambient light, and filtered PAR halogen accents backlighting luminous planes in surrounding spaces. Small presentations are held within intimate theaters where curving surfaces are highlighted by MR16 halogen track lighting. In the main theater, hosting large presentations, MR16 halogen downlights supply task light, while 4500°K white neon concealed between ceiling planes delineates the structure. Lighting isn't the sole reason why customers find presentations at the Center of Excellence hard to forget, but it certainly keeps everything visible, clear and compelling.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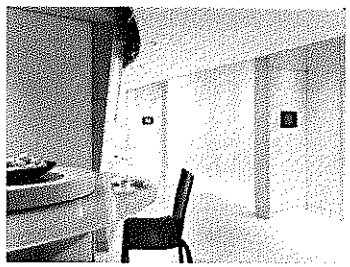
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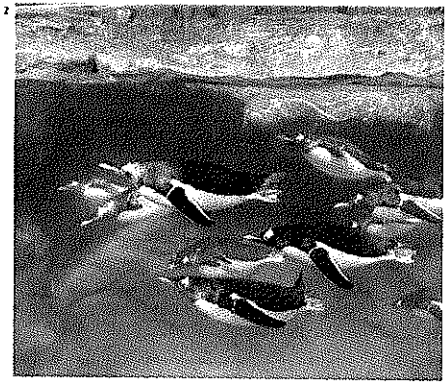
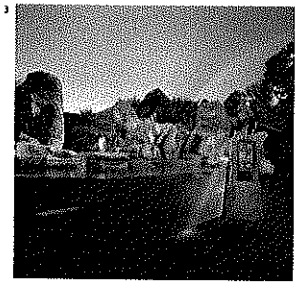
1 - 5: i2 Technologies, Center of Excellence, Dallas, Texas, Lauck Group, architect; Aker/Zvonkovic Photography, photographer. IES IIDA Award of Merit.

Randy Burkett Lighting Design, Inc.

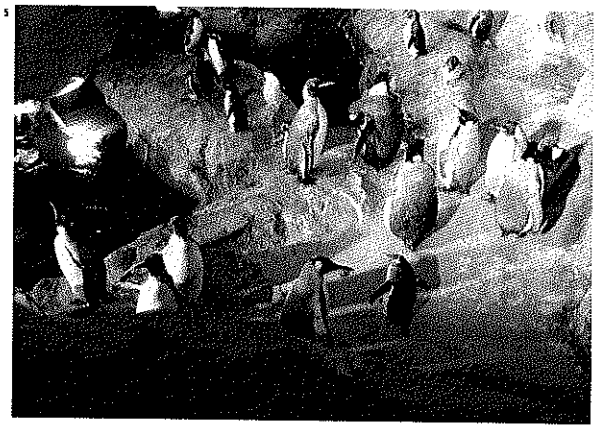
Saint Louis Zoological Park
Penguin & Puffin Coast
St. Louis, Missouri





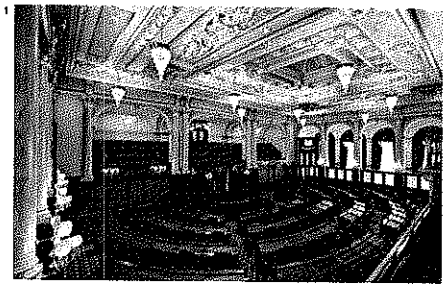
1 - 5: Saint Louis Zoological Park, Penguin & Puffin Coast, St. Louis, Missouri, PGAV Architects, architect; Debbie Franke, photographer. IES IIDA Award of Excellence.

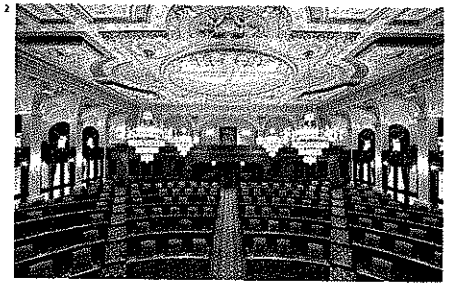
Brrrr! Inside the Saint Louis Zoological Park's Penguin & Puffin Coast, the public is enjoying a delightful experience with these popular creatures. The 30,000-square-foot building, designed by PGAV Architects with Randy Burkett Lighting Design, arranges animal habitats, support spaces, gallery and gift shop so visitors can explore the indoor exhibition area along a pathway carved through synthetic rock formations. (Penguins are found in Antarctica while puffins spend their lives in subarctic regions, so there are actually two unique "daylighting" conditions within the 7,000-square-foot interior exhibition area.) The lighting is discreetly hidden, while the matte white co-polymer ceiling that envelopes the three-story exhibit volume is transformed into a cool blue polar sky by a color-filtered T-5HO dimmable lighting system concealed by rockwork just below the horizon. Direct sunlight is simulated by ceramic metal halide and halogen adjustable accents integrated into the habitats, and deep rock pools are revealed by marine-grade ceramic metal halide accents concealed in rockwork just above the water. The hourly, daily, and seasonal lighting changes for both habitats, essential to the birds' molting and reproductive cycles, are choreographed by a centralized dimming system. Such attention to the habitat's detail may not be readily appreciated by visitors, but it is most certainly an essential ingredient to the environment's success.



Randy Burkett Lighting Design, Inc.

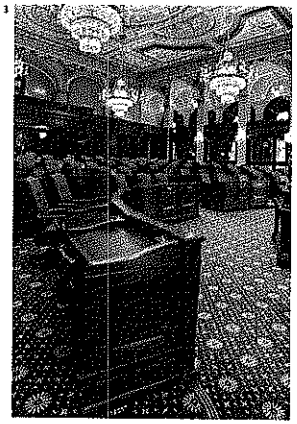
Illinois State Capitol
Legislative Chambers Renovation
Springfield, Illinois

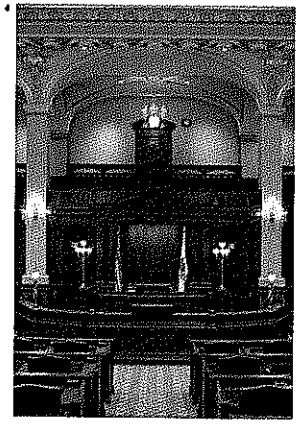


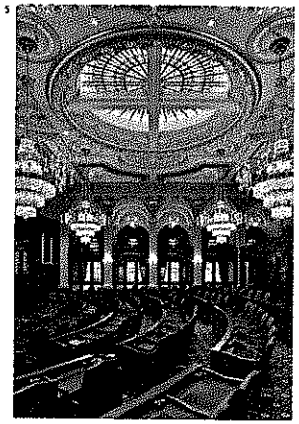


From the highest point in Springfield, Illinois, the sixth and current Illinois State Capitol has been serving the Prairie State since 1877, occupying land first chosen as the burial grounds of Abraham Lincoln. The Neoclassical building, designed by Alfred Piquenard, looks better than ever thanks to a recent renovation of the two-story, 22,200-square-foot Senate and House Chambers, designed by Vinci Hamp Architects with Randy Burkett Lighting Design. The makeover corrects questionable earlier modernizations by restoring the spaces to their original Second Empire style. Since it raises illumination levels and reduces energy consumption to meet today's standards, the new lighting doesn't duplicate 19th-century conditions. However, the chambers now incorporate restored original fixtures as well as recreations of chandeliers, sconces and torchieres documented in historic photographs, blending historic styles with modern technologies. Crystal chandeliers are equipped with low-wattage, 130-volt exposed filament lamps dimmed to 1880's gaslight intensities, independently dimmed 150W halogen uplights that wash the radiantly restored ceilings, and lowering devices for relamping. The House's long-darkened art-glass skylight simulates daylight using an enclosure above the oculus concealing dimmable T5HOs. Existing 300W incandescent downlights and accents have been refurbished with precision reflectors using 100W halogen lights. The past faces a bright future at the Capitol.

1 - 5: Illinois State Capitol, Legislative Chambers Renovation, Springfield, Illinois, Vinci Hamp Architects, architect; Saint Louis Antique Lighting, Historic Lighting Fixture Restoration and Fabrication; Eric Hausman, photographer. AIA National Honor Award, IES IIDA Award of Merit.





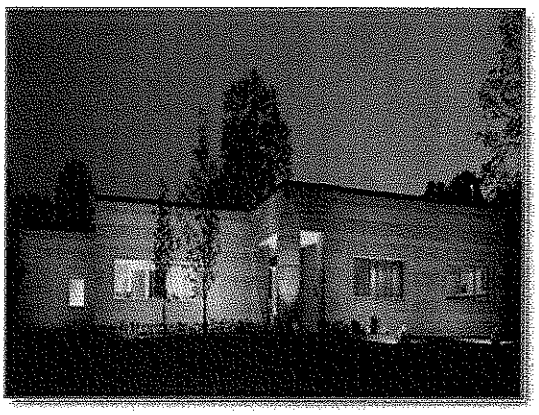


ABOUT THE FIRM

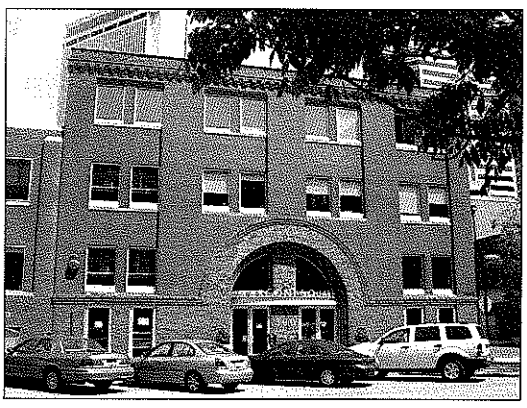
Scheeser Buckley Mayfield LLC is an Ohio-based Consulting Engineering firm that serves clients throughout Ohio and the surrounding states. The firm was established in 1959 by Walter L. Scheeser and Edwin J. Buckley, specializing in the design of mechanical systems for the construction industry. The firm has enjoyed a steady growth in clients and geographical area served throughout its history, and its services now include electrical, civil, and telecommunication design. Scheeser Buckley Mayfield is entering its 50th year of operation and has opened a downtown Columbus based branch office (January, 2009).

Scheeser Buckley Mayfield LLC has developed an outstanding reputation for both its accessibility to its clients and the clarity and completeness of its documents. The firm has been a leader in the application of new technology. It has extensive experience in the design and analysis of projects of all sizes, which it can draw upon for future projects. Each project requires an analysis of the most cost effective system available based on the client's design parameters. It is also the responsibility of the design team to determine if other options exist which may be beyond the scope of the current budget and which need to be considered on the current project to allow for future growth. Scheeser Buckley Mayfield LLC gives this personal attention to each project by determining the project design which can be implemented within the client's budget while applying innovative design concepts.

Many of Scheeser Buckley Mayfield's projects originate from clients who have used its services previously and wish to continue a professional association. Scheeser Buckley Mayfield LLC strives to provide very professional and competent engineering services to all of our clients and to develop a personal relationship with these clients. This on-going association with clients provides an opportunity for them to better understand design concepts as well as the logic behind the decisions which may affect their systems for many years after the project's completion.



1540 Corporate Woods Parkway
Uniontown, Ohio 44685

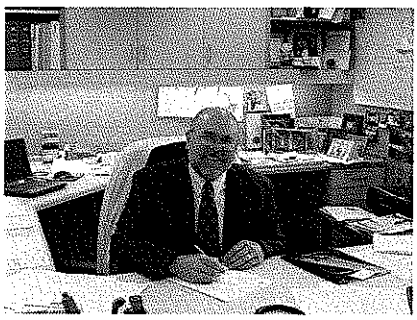


300 Marconi Blvd., Suite 306
Columbus, Ohio 43215

SCHEESER*BUCKLEY*MAYFIELD, INC.

PERSONAL RESUME

JAMES E. ECKMAN, P.E., LEED AP, CBCP
PRESIDENT



Mr. Eckman attended The University of Akron where he received his Bachelor of Science Degree in Electrical Engineering in 1984.

After graduation, Mr. Eckman began his career as a consulting engineer by accepting a position as junior engineer with Kucheman, Peters and Tschantz, Inc., an electrical consulting firm in Akron, Ohio. During this engagement, he gained experience in the electrical design of commercial, industrial and healthcare facilities. Mr. Eckman also served as project manager for many of the projects he designed.

Concurrently, Mr. Eckman taught an electrical engineering course called "Illumination" at The University of Akron.

After leaving KPT, Inc. in 1987, Mr. Eckman gained additional experience in the construction industry by accepting the position of Engineer/Estimator for Thompson Electric, Inc. in Munroe Falls, Ohio. During this engagement, he designed and acted as project manager for several large industrial projects. He also earned electrical contractor licenses in several area communities.

Desiring to further his career as a consulting engineer, Mr. Eckman accepted a position of Senior Engineer with Scheeser*Buckley*Mayfield, Inc. in 1989. Mr. Eckman was promoted to the position of Associate in 1990, became a Principal in the firm in 1991 and Vice President of Electrical Engineering in 1992, and President in 2003.

Mr. Eckman was a member of the Institute of Electrical and Electronics Engineers for eight years and is currently an active member of the Electrical League of Northeastern Ohio and the Illuminating Engineering Society (IES). Mr. Eckman has served as Treasurer and President of the Cleveland/Akron IES section and a member of the Executive Committee for the Electrical League. Additionally, Mr. Eckman is registered with the EPA as a Greenlights Surveyor Ally and has completed and passed the Technical Knowledge Exam (TKE) administered by the IES on a national basis to gauge individuals expertise in lighting concepts, fundamentals and design. Mr. Eckman served on the College of Engineering Advancement Council for The University of Akron from 2002 to 2004 and is currently serving on The University of Akron Electrical Engineering and Computer Engineering Advisory Council.

Jim is a LEED v2 Accredited Professional and is registered in the State of Ohio, West Virginia, Pennsylvania and Indiana.

DAVID HOLBROOK, LC
ELECTRICAL ENGINEER

PERSONAL RESUME

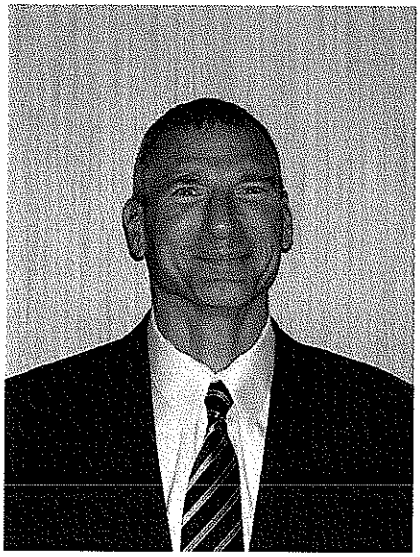
Mr. Holbrook attended Youngstown State University where he received his Bachelor of Science in Electrical Engineering.

He began his engineering career working for an Electrical Contractor in Girard, Ohio. While employed there, he designed electrical systems for commercial, industrial, and retail sectors. His responsibilities included all aspects of electrical design, preliminary design calculations, site visits, feasibility studies, and architectural coordination meetings. Design experience at this level included lighting and power systems, energy management systems, conveying systems, and retail fire alarm systems. His other responsibilities included estimating, time-and-material project managing, infrared thermography, and PLC troubleshooting.

Mr. Holbrook joined Scheeser Buckley Mayfield LLC in October of 2001. Since joining the electrical department, he has completed a wide variety of projects. He has worked on a variety of Healthcare projects including major hospital additions, Heart Centers, Outpatient Medical Imaging Centers, Minor renovation projects. Other projects he has been involved with included University, correctional, Medical Office, Utility, Library, and Hospice facilities. He has been actively involved in the design of Essential Power Systems from the most basic to Tier 4 redundant power systems, Medium and Low Voltage Switchgear Design, Generator Plant design including Low and Medium Voltage Paralleling systems, CCTV, Fire Alarm Systems, and also advanced lighting design. Mr. Holbrook has become a registered LC by passing the "Lighting Certified" examination from the National Council for the Qualifications of Lighting Professionals (NCQLP). Recently, two of his projects were published by Healthcare Design magazine, Focal Point Lighting, and Kirlin Lighting.

KEVIN M. NOBLE, P.E., LEED AP
PRINCIPAL – CIVIL / PLUMBING ENGINEERING

PERSONAL RESUME



Mr. Noble attended the University of Akron where he received his Bachelor of Science degree in Civil Engineering in 1987 and continued his education through night school to receive his Masters of Business Administration from Averett College in 1991.

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. Design of storm water management facilities, both underground and above ground, and wetland. 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 for a new civil engineering department. Since that time he has participated and managed the design of numerous residential and commercial site developments; stormwater management facilities; roadway extension and widening; water, storm, sanitary, gas, steam and chilled water lines extensions, and commercial and residential septic systems for public and private clients.

Kevin is a LEED™ Accredited Professional and is registered as a Professional Engineer in the State of Ohio, the State of West Virginia, the State of Florida, the State of South Carolina, the State of Pennsylvania, the Commonwealth of Virginia and the Commonwealth of Kentucky and is a member of the American Society of Civil Engineers, American Society of Plumbing Engineers, and the National Fire Protection Association.