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WV PURCHASING
DIVISION

PERFIDO WEISKOPF WAGSTAFF + GOETTEL
REQUEST FOR QUOTATION
WV PURCHASING DIVISION
ARCHITECTURE AND ENGINEERING SERVICES

for
**RENOVATIONS to BUILDING #4 in the
WV STATE CAPITOL COMPLEX**

APRIL 12, 2012



April 12, 2012

Krista Ferrell, Buyer
GENERAL SERVICES DIVISION
Department of Administration
Purchasing Division
Building #15
2019 Washington Street
Charleston, WV 25305-0130

RE: Expression of Interest for Architectural and Engineering Services - GSD126401
Building #4, State Capitol Complex- Charleston WV

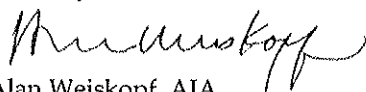
Dear Ms. Ferrell and Members of the Selection Committee:

Perfido Weiskopf Wagstaff Goettel (PWWG) is very pleased to submit our qualifications to provide Architectural and Engineering Services for exterior renovations of Building #4 at the Capitol Complex. We have carefully studied the RFP and we have previously visited the building. We are confident the enclosed materials demonstrate that our team is exceptionally well qualified to provide the best overall value to the state of West Virginia. The following items underscore specific qualifications of our team:

- PWWG is one of the most experienced firms in our region in the restoration and rehabilitation of historically and architecturally significant structures. Our work has included restorations of the WV Capitol, PA Capitol, other structures WV, PA, OH and NY, and of course Building #3.
- We are reassembling many of the team members that have been involved in Building #3 for design continuity. In particular, we will be working with CJL Engineering on the MEP/FP systems since they have a working knowledge of the Capitol Complex utilities and the preferences of the facilities staff at GSD.
- We have experience in the design of open office systems that meet the standards of today's workplace environment.
- We have experience in preparing comprehensive facility assessments and building consensus among constituent groups.
- We have experience in designing for continued occupancy during construction and have recently completed a project at Allegheny College where this was successfully achieved.

We view this project as an interesting challenge for one of the major public facilities in the state. We look forward to the opportunity of discussing your project in greater detail.

Sincerely,



Alan Weiskopf, AIA
Managing Principal

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Unique Qualifications & Specific Experience TAB 1

Experience Assisting Clients to Evaluate Options
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 Historic Structures
Achieving Life Safety, Accessibility & Code Compliance
Balancing Architectural Integrity and New Systems
Experience With Occupied Buildings
Effective Project Management & Delivery
Effective Approach to Budget, Schedule, and Cost
 Control
Highly Developed Design Visualization

Unique Qualifications and Specific Experience

Perfido Weiskopf Wagstaff + Goettel



PWWG's comprehensive renovation of the 1950's office building at Building #3 on the West Virginia State Capitol Campus includes 7 floors of open office space with maximum flexibility for the varied needs of each department. Systems furniture will be used to create the work group relationships.



PWWG is currently doing forensic evaluation and exterior facade restoration at Carnegie Mellon's historic Margaret Morrison Hall. Shown here, detail of decorative terra cotta cornice.



PWWG developed egress and life safety improvements for Carnegie Mellon's historic Mellon Institute materials research facility. Shown here is the complex ceiling layout of existing MEP systems.

Experience Assisting Clients Evaluate Options

Two areas of PWWG's expertise are renovation and the design of office space for commercial, academic, and institutional clients. We have produced award-winning projects that range from suburban campuses and single purpose urban office buildings, to repurposed historical structures in need of new layouts, amenities, data and telecom systems to accommodate new programming and 21st Century operation. We are particularly adept at working in existing buildings. In addition to architectural design and construction, PWWG has assisted owners with all of the up-front services needed to successfully implement renovations and additions, including code and zoning compliance evaluations, feasibility evaluations and space programming, facilitating stakeholder involvement, and 3D CAD visualizations of options.

PWWG understands the importance of designing workplaces that are aesthetically pleasing, efficient, flexible, and durable. We continually research and apply new technologies and materials to help clients minimize the ongoing cost of operation by maximizing performance and value, and by developing life-cycle improvements throughout the project to lower maintenance costs over time.

Experience Renovating & Repurposing Existing Historic Structures

PWWG is clearly one of the most experienced firms in WV, Ohio and Pennsylvania in renovation, rehabilitation and repurposing of historic structures. In addition to programming and architectural design, each of these projects also involves the complex coordination of MEP/FP system upgrades, code conformance, Life Safety, and Accessibility requirements. Our projects include rehabilitations at two state capitols (WV and PA), other buildings for state governments, several historic projects on college campuses (WVU, WVU Tech, West Liberty, Carnegie Mellon, Clarion, and the Univ. of Pittsburgh), residential conversions and other structures for business and hotel use. Our portfolio of historic projects includes buildings in Cincinnati, Pittsburgh, Charleston, Harrisburg, Morgantown, NYC's SoHo Cast Iron Historic District in Lower Manhattan, and several rural locations in the region. Among our active projects in various stages of progress are six historic structures either on the National Register or with determinations of eligibility. Through PWWG's 13 years of continuous service to the Pennsylvania Historical and Museum Commission (PHMC), we have undertaken literally over 100 task order assignments at historic museum sites throughout PA, about half of which were specifically for a historic structure. Our services for PHMC often include construction, so PWWG has served as the construction manager and directly contracted with many preservation tradesmen such as masons, specialty roofers, ornamental sheet metal crafters, etc. to implement the work.

Under PWWG's contract with the Pennsylvania Historic and Museum Commission, we have been responsible for several historic roof replacements including slate roofing at the Landis Valley Museum. Furthermore, we have included Lee Forbes on our team to assist us in the evaluation of all the roof materials. Lee is based in Lewisburg, WV and has consulted with PWWG on replacement of the Ludowici tile roofing on Building #3 in Charleston.

Achieving Life Safety and Accessibility & Code Compliance

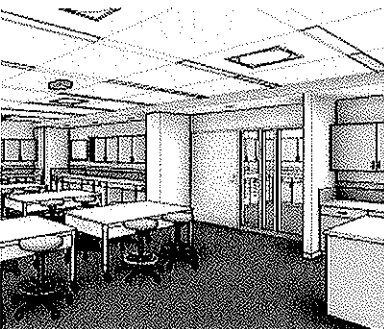
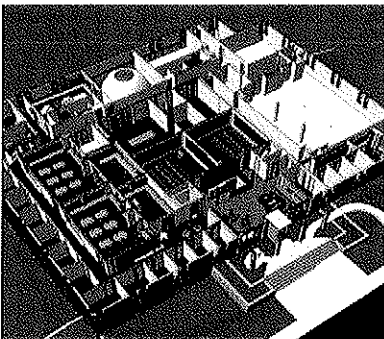
Over the past 30 years, PWWG has developed substantial experience in the thoughtful analysis of code compliance issues associated with building design and construction, particularly involving existing buildings. We achieve code compliance with minimal impact on the desired architectural character of the project. PWWG will begin the project at Building #4 by evaluating proposed options against code issues and ramifications in the early planning stages. We will also begin a dialogue with code officials so that the project parameters are familiar to them as the project progresses. Alan Weiskopf, who will serve as Principal-in-Charge, also serves as



PWWG's renovation of National Register Oglebay Hall and new addition Ming Hsieh Hall were both LEED Certified.



New Health Care Sciences Hall at West Liberty University, one of PWWG's current WV projects.



PWWG's 3D design exploration for the renovation of Carr Hall at Allegheny College helped the client visualize options early-on for new lab, office, and service spaces.

projects in occupied buildings, one of note being the restoration of the roof and envelope of the PA Capitol in Harrisburg, which was completed in its entirety while the building remained occupied. In addition to the temporary protections, we also imposed several work restrictions relative to noise, worker access and material deliveries. PWWG is currently administering the renovation of Carr Hall at Allegheny College, requiring us to maintain occupancy for a chemistry lab in a building that is otherwise vacant.

Effective Project Management & Delivery Methods

PWWG can point to deep experience with producing designs and documents for projects that combine new and existing construction.

- We have learned the importance of designing for a 'loose fit' so that when unforeseen conditions are exposed new work can be adjusted to existing work without substantial changes, and normally without additional cost.
- We have learned the importance of performing selective demolition during design to understand the history of a building and probe and uncover actual conditions. Actual conditions often vary significantly from recorded conditions.
- We have learned the value of interviewing Maintenance and Facilities personnel to understand their direct experience with buildings, and to probe their memory of past problems.

We take very little for granted when working with existing buildings, whatever their vintage or construction type. We take what we learn from interviews, selective demolition, and a 'loose fit' approach and build that knowledge and approach into our construction documents. Using these techniques, we are typically able to deliver completed and thorough renovations of older structures with Change Orders in the 1 to 2% range.

Approach To Budget, Schedule And Cost Control

PWWG places a very special emphasis on construction budgets from the outset of all of our projects. We strongly believe in maintaining an open dialogue between the client and the cost estimating consultant in order to promote teamwork and derive the best value for the Owner. Our decision making process concerning budgets does not only focus on the first costs of the project but rather engages all disciplines to weigh-in on operating and life cycle costs.

Cost Control

Cost control begins immediately and is integral to each phase of the project. Our first step upon completion of the programming is to break down the budget into systems costs, generally aligned with CSI formatting including appropriate contingencies. Having the benefit of the program, we will then have the data necessary to understand where there are unique costs associated with the project. As the conceptual phase of the project develops, we evaluate the cost impact of each of the schemes that are deemed worthy of further consideration. Using the systems costs as a guide, we have a general understanding of the cost impact of each scheme on the building system and the overall budget.

Cost Estimating Accuracy

Once a preferred scheme is identified, detailed cost estimates are prepared at the completion of Schematic Design, Design Development and at 75% completion of construction documents, with an update of that cost at 100%.

Schedule Control

Just as the contractor's first step in implementation of a construction project is the preparation of a schedule our process involves the immediate preparation of a design and

**Approach and Understanding of Key Issues TAB 2
and Project Schedule**

Approach and Understanding of Key Issues / Projected Project Schedule

Perfido Weiskopf Wagstaff + Goettel

The Objectives

As we see it, the Building #4 facilities plan and subsequent renovation project has three broad goals. PWWG understands these goals and will help the State of West Virginia maximize the return on this significant investment.

First – Increase operational efficiency and productivity

The renovation of an administrative structure such as Building #4 offers the opportunity to design a comfortable, efficient environment that supports logistics, staff productivity and retention. This is true whether the scope of work is limited to improving mechanical systems or includes a complete transformation of the interior environment. Our team will conduct a comprehensive evaluation which will look at both the existing physical facilities including all mechanical and electrical systems, as well as the programmatic activities and operations to be accommodated in the renovated spaces. We will conduct selective interviews with staff to develop a program and an interior design concept that will be functional, pleasant, and flexible. The goal is to create spaces where staff can perform at their best.

Second – Reduce operating costs for energy, maintenance and repairs

The State of West Virginia's investment in renovating existing infrastructure should result in a reduction in ongoing expenses going forward. This project will provide opportunities to replace building components and systems with energy efficient materials and equipment. For improved short- and long-term maintenance, our team will recommend upgrades that utilize durable materials and equipment. Lighting is just one of the areas where significant benefits can be achieved with improved quality and reduced energy consumption. We approach this project understanding that West Virginia will be a long term holder of this important piece of real estate.

Third – Provide state-of-the-art facilities that are transformative

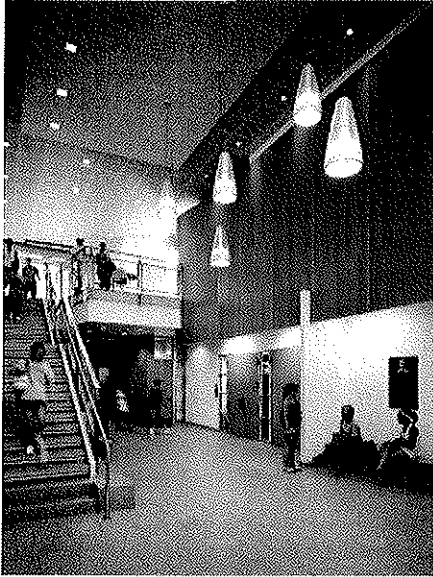
As with Building #3, the Building #4 project offers the opportunity to produce administrative facilities that are in step with the current standards for office space in the US. This also means that the new facilities can continue the cultural shift of state office environments and amenities to be more consistent with private sector office space and in turn, encourage the recruitment of high quality candidates to state government positions.

PWWG's Unique Experience, Capabilities and Design Approach

PWWG's experience, capabilities and design approach are particularly suited to the demands and goals of this project. Three particular aspects of our approach are critical:

First – Pragmatism

Much of our firm's work involves the renovation, restoration, or adaptive reuse of existing buildings. We are familiar with the messy reality of working with an existing structure and systems and in several cases, maintaining on-going operations. Our Oglebay Hall project at WVU demonstrates our ability to transform an obsolete but historic building into a modern academic facility. We are also proficient at working with modest budgets, helping clients to maximize the value of their investment. At Penn State's Altoona campus we designed an addition to their arts center to house a dance studio, art gallery and scene shop for a total cost of only \$2.3 million. The project has been very well received by the students, faculty and administration.



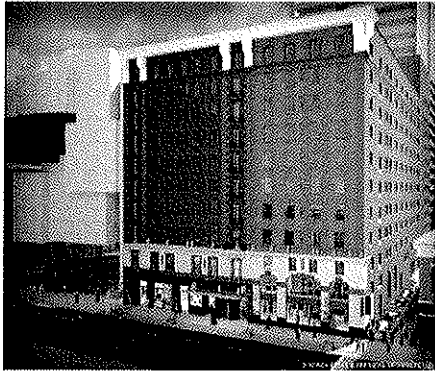
Lobby
Ming Hsieh Hall, West Virginia University



MEP Systems Routing in an historic structure,
Oglebay Hall Renovation, West Virginia University



Allegheny College Carr Hall Renovation Visualization



PWWG is coordinating reroofing of the historic 21c Museum Hotel.

plenums, shafts and crawlspace typically play a major role in the decision making process as to which mechanical and electrical systems can be practically put into place. Construction installation logistics, as well as the long term operation and serviceability of systems all depend on the thorough understanding of the options and limitations the existing building give us.

As with other similar type projects, a thorough walk-thru of the facility would be the proposed first step. Along with gathering information on existing construction, this recon would also allow for an understanding of the existing systems currently in place.

During this initial building survey, a few other critical items will be evaluated. From what we have been given, a few of the most important components to consider for this upgrade project are anticipated to be:

- Existing head end heating and cooling appears to be stand alone for the building. Given the facility's proximity to the central chilled water plant, and its relatively unobstructed route through the parking lots between the two buildings, we would explore the viability of a tie-in to this central plant. Understanding the central plant's current and long range capacity, along with current control strategies will be essential to this evaluation. From our work at #3, we had confirmed the plant could handle that additional cooling load. A continuation of this same line of discussion will be conducted with the plant operators.
- A similar approach will be taken with the heating system. A central steam heating plant exists in the penthouse of #5. On the #3 project, it was the State's desire to tie into the central plant. We would anticipate a review of plant capacity, existing pipe routing along with proposed route to #4, will all play a major role in determining which will be the most optimal way of providing heat to the renovated facility.

Once the main means of heating and cooling are locked in, we would then focus on the building's MEP infrastructure. The initial focus would be on the arrangement of such systems and how portions of them could remain on line during construction of a phased project while occupants remain in the building. A thorough understanding of the routing of air, water and electrical systems must be established. Whether the systems are set up on a floor-by-floor basis, or vertical shafts or perhaps even a combination will be what set the logistical rules for a successful "renovation while occupied" project.

On a parallel path to all of the above, we would also be developing the energy model. This model would be utilized to determine which mechanical systems would best serve the State as well as to assist the Architect in best approaches on window replacement, along with wall and roof insulation upgrade options.

Construction

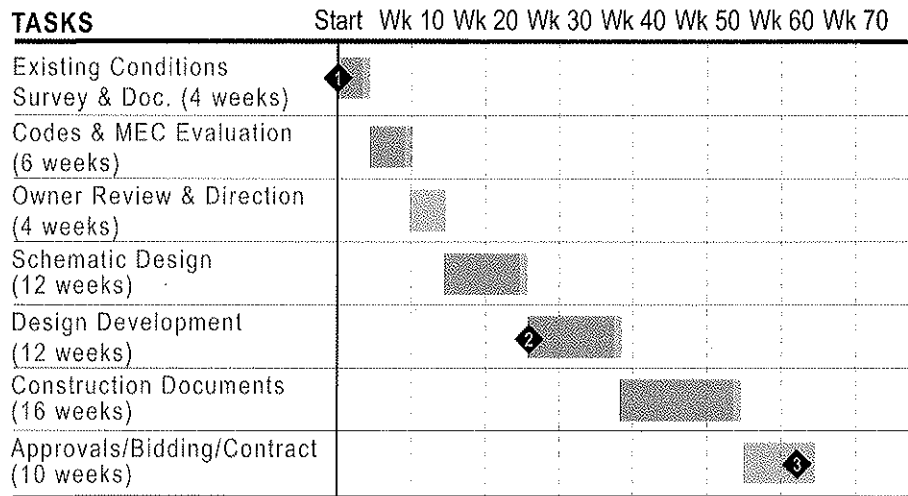
CJL Engineering performs construction administration including shop drawing review and site visits to observe mechanical/electrical systems compliance with drawings and specifications. We believe the involvement of the design engineer during this phase allows for verification that the designed systems are installed as specified, thereby reducing occupant complaints and improving energy efficiency.

Discussion of this approach on a similar previous project

A requisite example of the successful application of this approach is the HVAC renovation project that CJL conducted in the Chevron Science Center for the Uni-

Projected Project Schedule

Perfido Weiskopf Wagstaff + Goettel



Note: Construction dependent upon phasing decisions

█ Design

█ Owner Review/Approvals/Bid

◆ Milestones:

1: Contract Awarded

2: Confirm Phasing Strategy

3: Building Permit Issued

Project Organization TAB 3

Authorized Contact

Team Overview & Organization Chart

Team Profiles

Resumes for Key Team Members

Certifications


Authorized Contact

Perfido Weiskopf Wagstaff + Goettel

The following will be the authorized contact for this project, will be responsible for the project, and will have full authority to execute a binding contract on behalf of the firm/team submitting the proposal.

Alan Weiskopf, AIA, Managing Principal
Perfido Weiskopf Wagstaff + Goettel
408 Boulevard of the Allies
Pittsburgh, PA 15219

412.391.2884
aweiskopf@pwwgarch.com

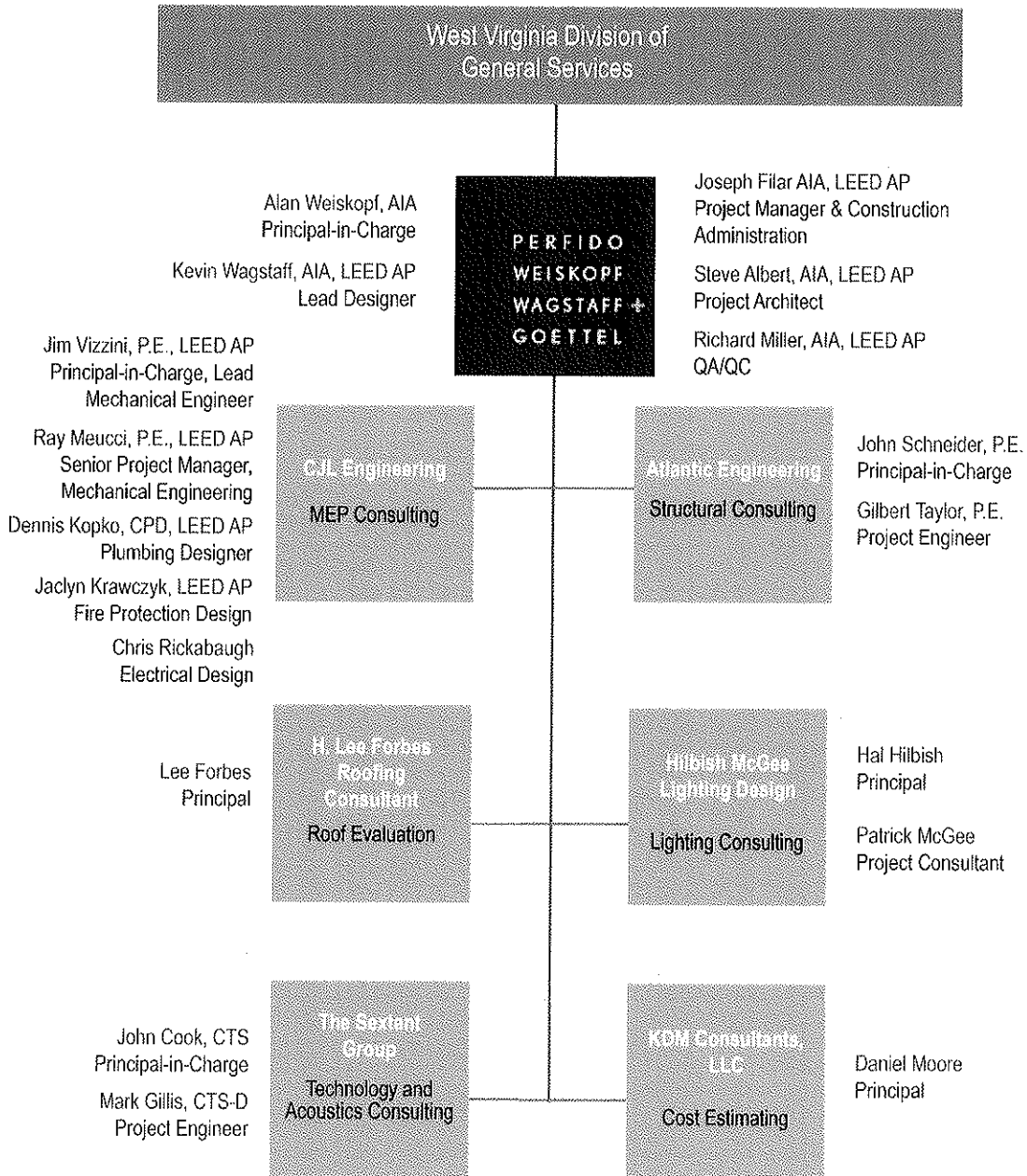


Team Overview & Organization Chart

Perfido Weiskopf Wagstaff + Goettel

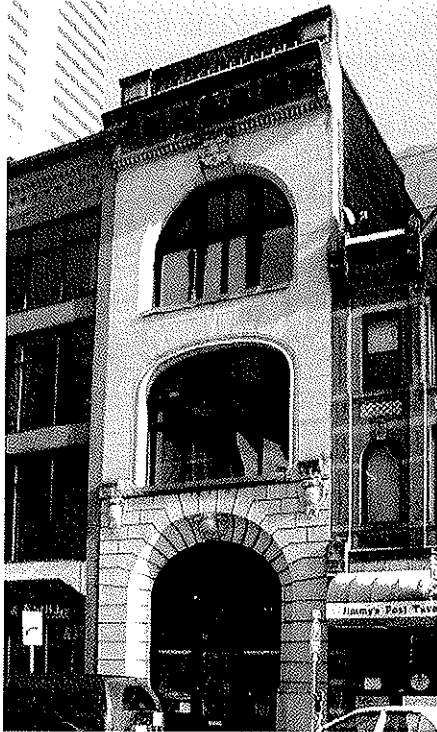
Perfido Weiskopf Wagstaff + Goettel will manage all aspects of the State of WV's project from its office in Pittsburgh, with administrative coordination by that same office. The initial point of contact for all project phases will be the Principal-in-Charge, Alan Weiskopf, and he will manage contractual arrangements and serve as a project resource. Kevin Wagstaff will serve as the Lead Designer and lead the programming and design process. PWWG's Joe Filar will be the Project Manager on day-to-day issues, and coordinate with consultants, prepare specifications, and provide Construction Administration services. He will also be a client contact. Richard Miller will perform QA and QC for all phases of the project and consult on special issues. Additional design and CAD staff will be assigned to the project as appropriate.

PWWG and all of our consultants will utilize an Integrated Design process that focuses on the early involvement of all consultants so that the beneficial input of any one consultant can be captured and leveraged to the best advantage of the project by all other disciplines at the earliest point in the design process.



Firm Profile

Perfido Weiskopf Wagstaff + Goettel



PWWG's office in a former City firehouse in downtown Pittsburgh

PWWG AT A GLANCE

Established

1975

Principals

Alan Weiskopf, AIA

Sheldon Goettel, AIA, LEED AP

Kevin Wagstaff, AIA, LEED AP

Structure

PA Limited Liability Company

Current Staff

14 Architectural; 11 Registered, 10 LEED AP

2 Administrative and Support

Offices

(One, located in downtown Pittsburgh)

408 Boulevard of the Allies

Pittsburgh, PA 15219

Project Size Range

Very small up to \$60M

We are a design firm practicing architecture, planning, and urban design. We were founded in 1975 as L. P. Perfido Associates. In 1996 the firm was renamed Perfido Weiskopf Architects and became a partnership. Today we are Perfido Weiskopf Wagstaff + Goettel, a Pennsylvania limited liability company, owned and led by three Principals: Alan Weiskopf, AIA, Sheldon Goettel, AIA, LEED AP and Kevin Wagstaff, AIA, LEED AP. The full staff includes 11 Registered Architects, 3 Graduate Intern Architects, and 2 business support professionals.

In our 35 years of practice we have developed a reputation for creative, thoughtful solutions to complex problems, most often involving college buildings, housing of various types, and historic structures. Accordingly we are focused on three main areas of specialization—facilities for higher education, multi-family residential design (including affordable and market rate housing, student housing, senior housing, and luxury condominiums), and the rehabilitation and preservation of historic architecture. We also design hotels, civic buildings, theatres, and parking structures. Repeat clients include private businesses, institutions, public/private partnerships, and government.

Our work is guided by 3 principles:

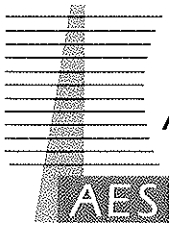
Form-making - We begin with the owner's needs and goals, the project and building type, and the surrounding context. Within these variables we find compelling reasons for some buildings to be contemporary, others traditional, and we work in many styles. What we find constant is the need to bring great usefulness, durability, and architectural clarity to each design. We therefore emphasize the 'craft' of architecture, and believe this approach yields results that are more authentic than work defined by allegiance to any one style.

Interaction - We pay great attention to the connections between buildings and their surroundings, and find that each commission presents unique opportunities. It might be the prospect of a new building forming a court with existing structures, or a chance for a dialogue between new and historic buildings, or an alignment of paths that could connect to a larger setting. It is always our goal that our buildings have an uplifting effect on their surroundings.

Integrated Design - We work in teams that follow projects from the first stages of planning through the completion of construction. The teams include all the necessary disciplines in a design process that is collaborative and highly interactive. Each team member understands the effect of their contributions on the design and the coordination of their work with others. The results are durable high performance buildings that are constructed on budget, with low operating and environmental costs, and that provide memorable settings for their occupants.

Perfido Weiskopf Wagstaff + Goettel is located in downtown Pittsburgh in a former City firehouse that dates from the 1890s. The high-ceilinged engine and crew rooms serve as our studios where we work together in an open office environment.





Atlantic Engineering Services

ATLANTIC ENGINEERING SERVICES FIRM OVERVIEW

Atlantic Engineering Services, with offices strategically located in Pittsburgh, PA, and Jacksonville, FL, provides consulting structural engineering services to the entire eastern portion of the U.S. including Boston, Minneapolis, Philadelphia, Cleveland, Norfolk, Charlotte, Birmingham, Orlando and Miami.

The organization's clients benefit from proactive structural engineers dedicated to searching out optimal solutions. The interaction of these engineers with other disciplines, along with regional experience, allows for enhanced design economies. Continuous interaction between designers and trained field observers helps assure that the design intent can be quickly understood and properly executed.

The practice is founded on the stable principals of synergy, creativity and timeliness. This successful philosophy is exemplified in more than 11,000 completed projects with a total constructed value of more than \$17 billion. The projects constructed over the past 38 years have been as high as 30 stories with a construction cost of more than \$120 million. Our experience includes hospitals and other medical facilities, laboratories, facilities of all kinds at institutions of higher learning, retail and warehouse facilities, distribution centers, telecommunications facilities, hotels and dormitories, residential structures of all types, and a range of military projects from housing replacement to carrier support facilities and airfield control. Out of concern for today's design issues, we are able to bring LEED expertise to the structural aspects of building design.

Our projects include university projects of all types: restorations and rehabilitation of structures, new construction and additions to existing buildings. AES's specialized approach to building restoration enables us to bring new life to old structures. Regional university campuses featuring recent AES projects include: Penn State University (Main Campus, Altoona Campus, New Kensington Campus, Behrend Campus and Beaver Campus), Carnegie Mellon University, Duquesne University, the University of Pittsburgh, Robert Morris University, Point Park University, Clarion University, Indiana University of Pennsylvania, California University, Fairmont State University, Edinboro University, and West Virginia University.

AES' recent university experience includes the Panther Hall dormitory on Pitt's Upper Campus, the New House Residence Hall at Carnegie Mellon, Falk Hall Additions and Renovations, Benedum Hall Upgrades, the Mascaro Center for Sustainable Innovation addition at Benedum Hall and the OC Garage Rehabilitation at the University of Pittsburgh. Recent new building experience for the Community College of Allegheny County includes the K. Leroy Irvis Science Building which is currently under construction. Recent relevant experience involving renovations and additions at CCAC includes the Student Center Catwalk and Stage Renovation project, the Physical Education Building Elevator Underpinning Design project, the Milton Hall Escalator Removal Consulting project, the Admin Building Server Room Load Study and the Jones Hall Fire Escape Structural Evaluation project.

The professionals at AES enjoy what they do and so they do it well. They are dedicated to producing buildings where people can live, work, play and worship into the 21st century and beyond. We take great pride in...

"Bringing architectural visions to life"

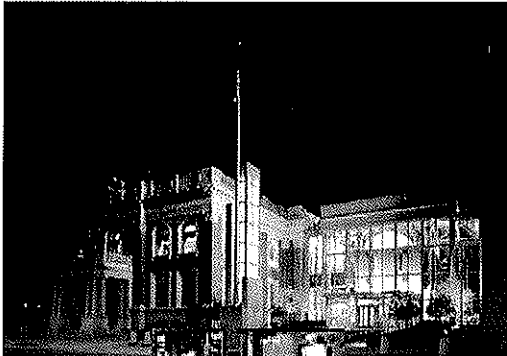
Pittsburgh * Jacksonville

THE SEXTANT GROUP

The Sextant Group is an independent consulting firm specializing in the planning and design of converged, technology-intensive environments where communication is mission-critical.



EXPERTISE



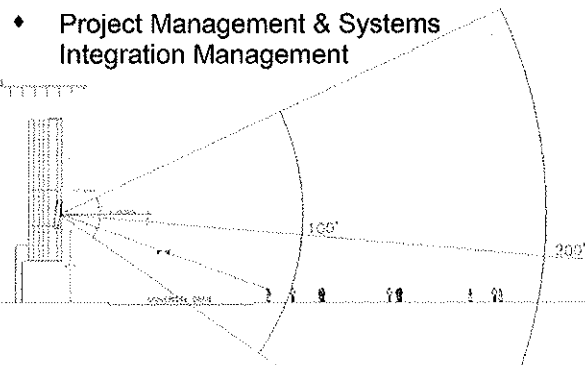
Since 1995 The Sextant Group has demonstrated expertise on over 700 projects for 350 owners in 36 states and 8 countries, from crafting sophisticated **audiovisual** systems, to the design and engineering of robust **information technology** infrastructure, to creating high performance **acoustical** environments and solutions.



SERVICES

The Sextant Group offers independent consulting services in distinct yet complementary disciplines:

- ♦ Strategic Technology Planning
- ♦ Audiovisual, Multimedia and Broadcast Systems Design & Engineering
- ♦ Voice/Data/Video Telecommunications Networking & Engineering
- ♦ Security and Surveillance System Design & Engineering
- ♦ Architectural Acoustics, Noise & Vibration Control
- ♦ Project Management & Systems Integration Management



EXPERIENCE

LEADERSHIP

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PHOENIX
480.831.8580

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www.TheSextantGroup.com

THE SEXTANT GROUP

The Sextant Group is an independent consulting firm specializing in the planning and design of converged, technology-intensive environments where communication is mission-critical.



LEADERSHIP

The active role taken in shaping and defining the converging audiovisual, information technologies and acoustics industries distinguishes The Sextant Group as one of the country's top consulting, planning and design firms.



- + The firm is classified as a Gold Level Certified Audiovisual Solutions Provider (CAVSP) under the AVolution™ program, an industry-wide certification program. Fewer than ten AV consulting firms in the world have achieved this status.
- + A Principal of the firm is a member of the faculty of the Facilities Management Institute, lecturing on emerging technologies and design strategies.
- + A Principal of the firm is an internationally recognized speaker on topics related to the integration of technology and facilities; engagements have included The National Learning Infrastructure Initiative and InfoComm, the audiovisual industry's most significant international trade show.
- + A Principal of the firm serves on the Board of Governors of InfoComm International, the leading global audiovisual industry association.
- + Two senior members of the firm served as past Chair of the Council of Independent Consultants in Audiovisual Technologies for InfoComm International, representing over 100 consultant firms worldwide.
- + A Principal of the firm has received eight national awards for audiovisual design, among the top leaders of the audio/video industry.
- + The firm assists manufacturers and software developers to define and develop new technologies including product form factors, technical features and capabilities, security encryption requirements and branding strategies.
- + Company Principals are published on diverse topics in variety of professional journals including Educause and Journal of Educational Psychology.
- + A Principal was one of two complete-text reviewers of the newly published *Basics of Audio and Visual Systems Design*. The original version, published in 1983, is considered to be the preeminent reference textbook in the industry; revision published 2003.
- + A Principal served as Chair of the Audiovisual Best Practices Working Group, a multidisciplinary volunteer effort to define the AV industry's best practices. The group's work was released as a companion volume to *Basics of Audio and Visual Systems Design* in June 2005.
- + The firm recently honored as Grand Prize winner of 2006 Archi-Tech AV Awards, a prestigious recognition of design excellence in the architectural and technology design communities.



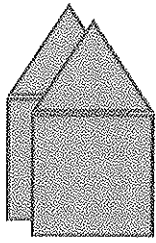
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KDM

KDM Consultants, LLC

KDM Consultants, LLC (Clarksburg, WV) is an independent construction cost estimating and project management firm.

KDM specializes in construction cost estimating, with specialties and qualifications in the disciplines of Civil, Structural, and Architectural estimating. Industries served include commercial, higher education, industrial, and residential. Delivery methods include design-bid-build, and design-build.

KDM is particularly adept at providing reliable "conceptual" estimates that are vital to decision making in the early stages of planning. In addition, they bring regional experience to understand the characteristics of the southern WV construction and bidding market.

Joe Filar AIA, LEED AP

Role in this project: Project Manager

Associate **Perfido Weiskopf Wagstaff + Goettel**



Education

Penn State University
Bachelor of Architecture, 1995
Sede di Roma - Foreign
Studies Program, 1993

Registration

Registered Architect in PA,

Professional Associations

American Institute of Architects
LEED Accredited Professional
National Historic Trust
Pittsburgh History &
Landmarks Foundation
Pittsburgh Downtown
Partnership

Joe began his professional career working in New York City, first for Castro-Blanco Piscioneri and Associates and then for Carpenter/Grodzins. After working in New York City, Joe moved back to Pittsburgh in 1999 and joined Perfido Weiskopf Architects as an intern architect. He became licensed and an associate in the firm in July of 2003. Joe has a broad range of design experience as a project architect on diverse project types including higher education, market rate and subsidized housing, corporate offices, and historic rehabilitation of landmarks buildings. Several of his projects have received awards from the Pittsburgh and Pennsylvania chapters of the AIA.

Notable Project Experience

West Virginia State Office Building No.3, Charleston, WV - historic renovation of a 154,000 sf office building, LEED
Dixie Cup Factory Lofts, Easton, PA - 588,000 sf historic factory renovation into +/- 300 one and two bedroom units
Oglebay Hall & Ming Hsieh Hall, West Virginia University - 55,000 sf historic renovation and 20,000 new building, LEED
R. B. Harrison Village, McKeesport, PA - conversion of 3 story walkups to townhouse apartments
Courtyard by Marriott Hotel, Pittsburgh, PA - conversion of 9-story historic building into a 182-room downtown hotel
Palace Theatre, Greensburg, PA - restoration and renovation of historical theatre and administrative spaces
Information Sciences & Technology Building, Pennsylvania State University - new 200,000 sf campus building
Three Rivers Center for Independent Living, Wilkinsburg, PA - conversion of a nursing home into a disability center
Marconi Communications, Buildings 5 and 6, Warrendale, PA - headquarters buildings in a corporate campus
Pittsburgh International Airport, Pittsburgh, PA - addition of private/public elevators in the airside terminal

Steven Albert, AIA, LEED AP

Associate Architect **Perfido Weiskopf Wagstaff + Goettel**

Role in this project: Project Architect



Education

University of Cincinnati
Master of Architecture, 2005
University of Cincinnati
B.S. in Architecture, 2003

Registration

Registered Architect in PA

Professional Associations

American Institute of Architects
LEED Accredited Professional

Steven Albert is a registered architect with over 7 years of experience in various types of projects including institutional, hospitality, high-end residential, multifamily housing facilities. Since joining PWWG in 2005, Steven has assisted in the planning, design development and documentation, and construction phases of a diverse range of project types. He has also performed construction administration for a number of projects and is currently overseeing construction of the Applied Technology Center and Child Development Center at West Virginia University, Parkersburg. Outside the office he volunteers with the Pittsburgh History and Landmarks Foundation as a guest juror offering feedback to high school students who participate in the organization's Architectural Design Challenge.

Notable Project Experience:

Margaret Morrison Hall West Facade Restoration, Carnegie Mellon University, Pittsburgh, PA - Exterior restoration of a historic campus building
Children's School Playground, Carnegie Mellon University, Pittsburgh, PA - 5,000 sf playground for children ages 3-6
Child Development Center, WVU Parkersburg, Parkersburg, WV - New 8,000 sf early learning and clinical teaching facility
Applied Technology Center, WVU Parkersburg, Parkersburg, WV - New 20,000 sf classroom & lab building
West Virginia State Office Building No.3, Charleston, WV - historic renovation of a 154,000 sf office building, LEED
Drake Well Museum, Titusville, PA - 21,000 SF renovation and lobby addition
Wadsworth Hall, Pittsburgh, PA - 9,000 SF Community Center renovation
Riverview Center, Morgantown, WV - 600 bed student housing high-rise
McKeesport Housing Authority Scattered Site Housing, McKeesport, PA - Construction Administration for 21 new homes
McKeesport Housing Authority, McKeesport, PA - master planning and design implementation for public housing
Lofts on Baum, Pittsburgh, PA - 32 unit loft condominium
Oglebay Hall & Ming Hsieh Hall, West Virginia University - 55,000 sf historic renovation and 20,000 new building, LEED



James M. Vizzini, P.E. LEED® Accredited Professional

James M. Vizzini, P.E. is a Managing Partner of CJL Engineering. He is responsible for management decisions, overseeing current projects, and maintaining relationships with architect and clients. He has also served as a project engineer on numerous historic renovation projects.

While at the Partner level, Jim has always maintained a close connection to all facets of his projects. His responsibilities continue to include on-site surveys, systems comparisons, scope determination, plan and specifications review as well as construction inspection.

He also supervises HVAC systems design for various commercial and institutional projects, as well as schools (K-12), universities and health care facilities. These projects have ranged from large equipment replacement such as chillers, cooling towers, boilers and air handling units, entire HVAC systems design to district heating and cooling plants.

A general representative selection of Mr. Vizzini's projects includes:

State Office Building #3, West Virginia Capital Complex, Charleston, WV

Oglebay Hall (LEED Certified) University of West Virginia, Morgantown, WV

Soldiers & Sailors Memorial Hall / Museum, Pittsburgh, PA

Clarion University - Founders Hall, Clarion PA

Clarion County Courthouse, Clarion, PA

Benedum Theater – Pittsburgh Cultural Trust, Pittsburgh, PA

Community College of Allegheny County (CCAC) – K. Leroy Irvis Science Building, Pittsburgh, PA (LEED Silver)

University of Pittsburgh - Cathedral of Learning, Pittsburgh, PA

University of Pittsburgh – Chevron Science Building, Pittsburgh, PA

DiSepio Institute for Rural Health and Wellness, St. Francis University, Loretto, PA

Water's Edge (LEED Silver) Pittsburgh Zoo and PPG Aquarium Pittsburgh, PA

UPMC Mercy – Central Energy Plant, Pittsburgh, PA

PNC Tower 3 – Commissioning, Pittsburgh, PA

PNC Data Center – Central Cooling Plant, Pittsburgh, PA

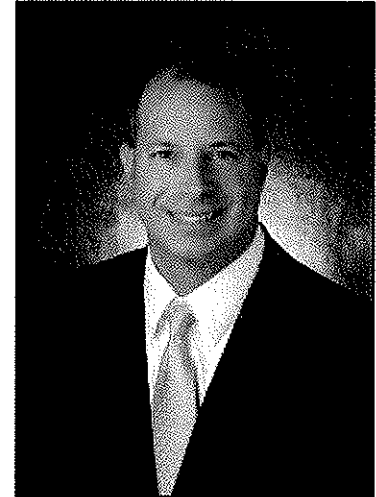
PNC Tower 1 – HVAC System Upgrade, Pittsburgh, PA

St. Francis University – New Science Building, Loretto, PA

Pennsylvania Department of Corrections – New Headquarters, Mechanicsburg, PA

Hermitage Technology Center, Hermitage PA

Seneca Nations of Indiana, Allegheny and Cattaraugus, New York



TITLE:
Managing Partner

SPECIALIZATION:
Mechanical Engineering
Master Planning
District Energy Plants

EDUCATION:
B.S. / 1987 / Mechanical Engineering
Technology
University of Pittsburgh at Johnstown

REGISTERED PROFESSIONAL ENGINEER:
Pennsylvania
District of Columbia
Maryland
New Jersey
Virginia
West Virginia
Delaware
North Carolina
Massachusetts

MEMBERSHIPS/ACTIVITIES:
LEED Accredited Professional

American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE)

U.S. Green Building Council (USGBC)

Publication:
Construction Specifying Engineer
October, 2006

Contributor:
"Full of Hot Air" (a new ventilation and energy-recovery scheme for Chevron Science Center at the University of Pittsburgh)

Presenter: Mentoring Science Program 2009 (Geothermal Design), St. Francis University, Loretto, PA



Dennis J. Kopko, CPD, LEED Accredited Professional

Before joining CJL Engineering Dennis previously worked at Meucci Associates, LLC. With over 16 years of experience as a plumbing designer, Dennis has been involved in numerous projects for primary and secondary education, colleges and universities, and performing arts facilities, hospitals, manufacturing facilities and office buildings. Dennis also has considerable experience in computer systems and operations.

Education

Allison Park Elementary School, Houston, PA
Avella Elementary School, Avella, PA
Carlow University School of Nursing, Pittsburgh, PA
Carnegie Mellon University Mellon Institute, Pittsburgh, PA
Clarion University Frame/Rhoades Halls, Clarion, PA
Davidson College Cunningham Hall, Davidson, NC
Duquesne University Des Places Residence Hall, Pittsburgh, PA
Duquesne University Library Plaza and Locker Rooms, Pittsburgh, PA
Lock Haven University Durrwachter Alumni Center, Lock Haven, PA
Mount Pleasant Field House, Mt. Pleasant, PA
Oakland Catholic High School, Pittsburgh, PA
Seton Hill University Sullivan Hall and University Center, Greensburg, PA
Slippery Rock University, Various Projects, Slippery Rock, PA
University of Pittsburgh, Various Projects, Pittsburgh, PA
University of Pittsburgh Bradford New Residence Hall, Bradford, PA
Upper St. Clair Ft. Couch Middle School, Upper St. Clair, PA
Washington & Jefferson College Dormitory, Washington, PA
Winchester Thurston School, Pittsburgh, PA
Wittenberg University New Dormitory, Springfield, OH
Woodland Hills School District Wolvarena, Pittsburgh, PA

Commercial

Army Reserve Center, Erie, PA
Dynavox, Pittsburgh, PA
Green Building Alliance Office, Pittsburgh, PA
McKees Rocks Building Fire Protection Report, McKees Rocks, PA
Mercer County Courthouse, Mercer, PA
NAVFAC Dental Clinic and Gymnasium, Newport, RI
North Hills YMCA, Pittsburgh, PA
Park Place Office Complex Fire Protection, Robinson Township, PA
Penn Hills YMCA, Penn Hills, PA
Phipps Conservatory, Oakland, PA
PNC Banks, Various Nationwide Projects
Sewickley Audi, Sewickley, PA
Benson Lincoln-Mercury, Whitehall, PA
Sewickley Car Store, Sewickley, PA

Healthcare

BJC Hospital ICU, St. Louis MO
Centre Avenue Surgery Center, Pittsburgh, PA
Edgeworth Commons – Dr. Moracca OB/GYN Office, Sewickley, PA
Family Hospice, Mt. Lebanon, PA
Frick Hospital MRI Room and ER, Mt. Pleasant, PA
Greenville Hospital Addition, Greenville, PA
UPMC Mercy Hospital
UPMC Greenville Operating Rooms, Greenville, PA
UPMC South Site PACU and Radiology, Pittsburgh, PA
UPMC Renaissance Center, Penn Hills, PA
UPMC Shadyside Family Health and Radiology, Shadyside, PA
UPMC South Side Roesch Taylor Building, Pittsburgh, PA



TITLE:

Associate
Plumbing Design
CJL Pittsburgh

SPECIALIZATION:

Plumbing Design

EDUCATION:

1989 Dean Institute of Technology,
Associates Degree

**REGISTERED PROFESSIONAL
ENGINEER:**

ASPE Certification in Plumbing Design

MEMBERSHIPS/ACTIVITIES:

American Society of Plumbing
Engineers

National Fire Protection Association

Kristoffer J. Rickabaugh, Associate

Kris Rickabaugh is an electrical designer, currently serving as the chairman of the CADD and Office Standards Committee. He brings a great deal of varied experience to the position. While Kris spends a great deal of his time doing electrical design work, he has also spent many years as a member of the IT staff and is highly skilled in the areas of modeling and rendering. Kris has been the head electrical designer on many projects, and uses his design experience to mentor designers who are new to the firm.

His experience enables Kris to move seamlessly from task to task. He is equally comfortable carefully reviewing project details with a client as he is visualizing, designing, and implementing an elaborate 3D rendering. While renderings give the client an opportunity to envision their project, Kris is able to compile exact measurements using modeling software to ensure that nothing is lost as the building moves from concept to reality.

Representative Projects

West Virginia University, Morgantown, WV
Oglebay Hall Renovations and Additions
Evansdale Campus – Master Plan

California University of Pennsylvania, California, PA
Steele Auditorium Renovations and Additions

University of Pittsburgh, Pittsburgh, PA
Barco Law Library Renovations

University of Pittsburgh, Pittsburgh, PA
Falk School Renovation and Addition

Presque Isle Downs, Erie, PA
Clubhouse

PNC Branch Office Site Lighting
Open-Ended Contract

East Liverpool City Hospital, East Liverpool, OH
New MRI

U.S. Secret Service, Pittsburgh, PA
New Office Fitout

UPMC Mercy Hospital, Pittsburgh, PA
Emergency Department Renovation

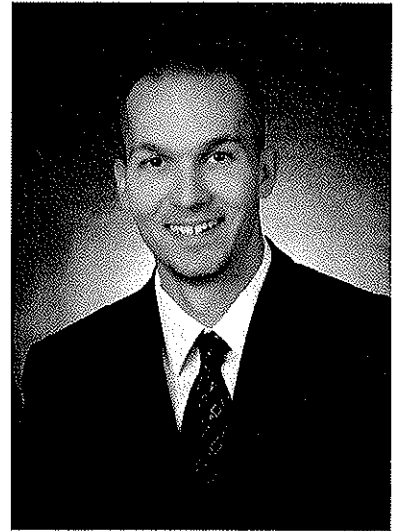
Monroeville Convention Center, Monroeville, PA
New Convention Center

Monroeville Doubletree Hotel, Monroeville, PA
Hotel Renovation

Seneca Nations of Indians, Sports Complexes at Allegany and Cattaraugus Reservations, New York

Dulles International Airport, Dulles, VA
Four gate and APM Addition

Bagram Army Base, Bagram, Afghanistan

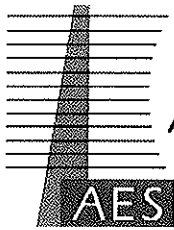


TITLE:

Associate/Electrical
CJL Pittsburgh

EDUCATION:

1998 / Associate of Applied Science in
Architectural Drafting and Design and
Computer Aided Drafting and Design /
Pittsburgh Technical Institute



Atlantic Engineering Services

GILBERT J. TAYLOR, JR., P.E.
Structural Engineer
Atlantic Engineering Services of Pittsburgh

Role for this Project: Project Engineer

Education: Bachelor of Architectural Engineering
The Pennsylvania State University, May 2000

Master of Architectural Engineering
The Pennsylvania State University, May 2000

Experience:

Mr. Taylor began his career consulting for architects as a full-time structural designer with Atlantic Engineering Services in July of 2000, shortly after earning his degrees from The Pennsylvania State University. During the ten year period prior extending from 1993 to 2003, Mr. Taylor also served in the U.S. Army as an airborne ranger infantryman with the 1st Battalion, 75th Ranger Regiment based in Savannah, GA. and in the Pennsylvania Army National Guard as a flight operations specialist with the 1st Battalion, 104th Aviation Brigade based in Johnstown, PA. In addition to becoming an associate of the firm in 2008, he has transitioned into the role of Project Engineer for a wide variety of projects throughout the United States including facility studies, new construction/renovation, building additions, and structural condition assessments.

Projects managed and designed by Mr. Taylor range in size from as small as \$1/4 million to as large as \$70 million. Some relevant project experience follows:

The Dinosaurs in Their World project included \$36 million of renovations and additions to the existing Carnegie Museum of Natural History. This project is the largest renovation at the museum since its founding in 1895 and converted an open-air courtyard of the original museum into a 3-story, tiered exhibit space. Special considerations for this project included design of structural systems capable of supporting fossilized dinosaur specimens such as the Diplodocus, Apatosaurus, and Allosaurus. The new roof structure included 65-foot clear-span roof trusses designed to provide a column-free exhibit space. A monumental spiral-stair consisting of miscellaneous steel shapes with glass railings and marble treads was also included within the structural scope of work. Construction for this LEED Silver Certified project was completed in November 2007 and the project won the 2008 Master Builder's Association award for "Best Renovation Project over \$10 million.

The Meadowcroft Rock Shelter is a natural outcropping of rock carved by the flow of a nearby stream and used by prehistoric humans as camp site during travel through western Pennsylvania. The dig site, operated by the Heinz History Center, is an historic landmark discovered in 1955 and excavated by an archeological team led by Dr. James Adovasio during the mid 1970's. Construction of the Meadowcroft Rockshelter Enclosure included a new public observation platform and a 70 foot clear span glu-laminated timber roof structure. The structure is supported by shallow foundations at the lower end of the site but attached directly to an irregular cliff face at the upper end. The new enclosure was designed to protect the 16,000 to 19,000 year old artifacts while granting the public viewing access to portions of the site that were previously accessible to only archeologists. The project was opened to the public in May 2008 and it received the 2008 Master Builder's Association award for "Best New Construction Under \$10 Million".



PROFESSIONAL SUMMARY

John A. Cook CTS*Principal-In-Charge*

Education: Master of Science Degree, School of Education, Purdue University, 1987

Bachelor of Science Degree, School of Technology, Purdue University, 1984

As a Principal at The Sextant Group, John's responsibilities include overseeing a team of audiovisual and acoustic engineers, planning and programming, strategic technology planning, audiovisual systems design and user training. His portfolio includes the design of corporate training centers for Mitsubishi Electric and Dick's Sporting Goods, executive boardrooms for food retailer Giant Eagle and communications and design firm ThoughtForm (formerly Agnew Moyer Smith), plus multiple projects for Carnegie Library of Pittsburgh, a permanent large-scale audiovisual exhibit at the Pittsburgh Convention Center, a corporate boardroom and meeting space for Equitable Resources, and a series of divisible training rooms, video conferencing rooms, board room, meeting rooms, studios and lobby displays for GlaxoSmithKline.

Cook is currently working on the City of Toronto *311 Contact Centre*, a Conference Center for the new \$500M Children's Hospital of Pittsburgh, extensive office expansion and renovation for Charleston WV legal firm Spilman Thomas & Battle, and a new *Courtroom of the Future* for Texas Tech University School of Law. He was Principal-In-Charge of Syracuse University's *Global Collaboratory*, Pittsburgh International Airport's check-in security and baggage screening systems, and a series of projects for West Virginia University, including *Oglebay Hall*, *Brooks Hall*, *Mylan Distance Learning* facility, and the *Life Sciences* building.

Prior to joining The Sextant Group, Cook worked in audiovisual systems integration field for 12 years and was involved with hundreds of projects involving Instructional Technologies and Presentation Systems. He participated on the design team of over fifty telemedicine and audiovisual systems in various facilities, winning eight national awards in the process. Facilities recognized in the "Best Presentation Rooms" competition by *Presentations* magazine and *Training* journal include video conference room for Bell Atlantic (now Verizon), a training center at DDI (Development Dimensions International) and two Grand Rounds auditoria for Allegheny General Hospital. For the "Best Telecommunication Installation" competition by Gentner Communications Corporation, his award-winning projects include the boardroom at Allegheny General Hospital and the boardroom at the University of Pittsburgh Medical Center.

Cook was also on the design team for other renowned presentation and conferencing spaces such as the Sales Training Center for Eli Lilly in Indianapolis IN featuring 24 training classrooms, 24 technology-enhanced role-play rooms, a distance learning facility and a large divisible conference space. Additional projects include audiovisual consulting and design of office and conference facilities for Steelcase Inc, Marconi Corporation, Deloitte Consulting of New York, plus a series of corporate spaces including a boardroom, divisible training room, executive conference room, and PC training room at the Westpointe Operating Center of Nova Chemical in Pittsburgh PA.

In addition to being a Certified Technology Specialist (CTS) by InfoComm International, John's education includes a BS in Organizational Leadership and an MS in Educational Technology from Purdue University.

ATLANTA
404.529.9714

DALLAS
972.613.0158

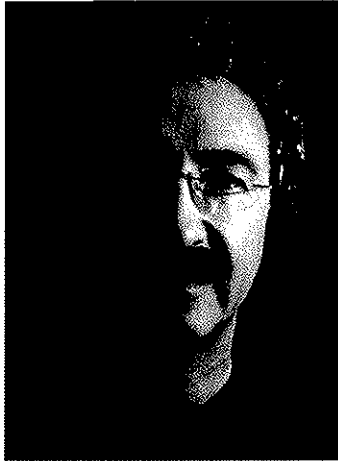
PHOENIX
480.831.8580

PITTSBURGH
412.323.8580

www.TheSextantGroup.com

Hilbish McGee Lighting Design

Haldane E. Hilbish, IALD, IES



Graduate of University of Cincinnati, School of Design, Architecture, and Art with a Bachelor of Science in Design. Began working with John Maguire Associates Illumination Consultants in 1977, while a student, and continued as a full time employee, in 1979, aiding in the firm's expansion into larger, more complex projects. His contributions to the firm and its ideals led to his partnership and the formation of Maguire Hilbish Associates, of which he attained ownership in 1995. Has been involved with the design of lighting systems for a myriad of project types both large and small, public and private. This work, throughout the United States, includes development of lighting systems for all types of architectural spaces, both interior and exterior. He continues touring extensively in United States, Europe, and Canada to study architecture, history, and attendant lighting. His interest in the

visual arts has led to collaboration with both John Maguire and other artists in the creation of various light art works including site specific installations.

Patrick McGee, IES

Graduate of West Virginia University, with a Bachelor of Science in Design. Joined the firm in 1988 after completing an Internship with another leading lighting consultant firm in New York City through the International Association of Lighting Designers (IALD) affiliated program and attained partner status in 2002. Involvement in projects includes all phases of the design process from initial meetings and estimates to design development, computer assisted drawings and lighting analysis, sustainable and control coordination, construction administration, through final aiming. He continues his informal education with associated courses, attendance at lighting expositions and forums, and world travels. Has completed private works in light art and stained glass along with



commercial installations of light art in collaboration with the firm and various artists. He maintains an active membership with IALD and IES and has promoted the role and importance of lighting as a design medium through speaking engagements and tours. Currently serves as board member and technological chair for Pittsburgh IES Chapter..

402 peebles street
sewickley, pa 15143
ph 412.749.0533
fax 412.749.0523

architectural
+ landscape
illumination
consultants

PROJECT MANAGEMENT: Personnel & Placement, Purchasing, Field Operations, Project Schedules, Schedule of Values, Job Cost Coding and Monitoring, Job Cost Evaluations, AIA Billings, Change Orders, Contracts/Purchase Orders, Company Safety Officer,

MCANALLEN CORPORATION, General Contractors/Construction Managers, Bridgeport, WV

Project Manager

Estimating, Purchasing (Was on the Barton Mallow/Mcanallen Project Estimating team for the Veterans Administration Medical Center Additions/Renovations Project \$23,000,000.00

SELECTED COMMERCIAL JOBS of NOTE (as Chief Estimator/ Project Manager)

APPALACHIAN POWER PARK, Charleston, WV

WEST VIRGINIA DEP OFFICE CONSOLIDATION PROJECT, Charleston, WV

ELEANOR MAINTENANCE FACILITY – PHASE I, Eleanor, WV

ELEANOR READINESS CENTER – PHASE II, Eleanor, WV

MARIETTA COLLEGE RESIDENCE HALLS, Marietta, Ohio

ROBERT C. BYRD ACADEMIC & TECHNOLOGY CENTER, MARSHALL UNIVERSITY GRADUATE COLLEGE
Marietta, Ohio

DOW CHEMICAL BUILDING 307 RENOVATIONS & NEW MAIN ENTRANCE, South Charleston, WV

WV HUNTINGTON CONSOLIDATION PROJECT, Huntington, WV

MUSEUM IN THE COMMUNITY, Hurricane, WV

MARION-FAIRMONT REGIONAL CANCER CENTER, Fairmont, WV

U.S. ARMY RESERVE CENTER, Charleston, WV

APPALACHIAN POWER COMPANY – NORTH CHARLESTON SERVICE CENTER, Charleston, WV

ADDITIONS/RENOVATIONS TO STONEWALL JACKSON MEMORIAL HOSPITAL, Weston, WV

YEAGER AIRPORT PARKING FACILITY, Charleston, WV

Certifications

Perfido Weiskopf Wagstaff + Goettel

Certification Regarding Capacity

For all proposals and expressions of interest, PWWG performs an internal review of the firm's schedule for existing projects and adds an "overlay" of the estimated schedule for the project being sought. We have undertaken that exercise for the State of West Virginia's contract and have determined that we have ample qualified staffing, facilities, and technology to perform the services as outlined, and that they can be available in the time frame to successfully complete the project.

All members of this team are available to start working on the State of West Virginia's project at Building #4 starting in the second quarter of 2012.

Statement of Agency Ownership

PWWG accepts and understands 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.

Statement of Ability to Conform With Regulations

Building and Life Safety Code Compliance

Over the past 30 years PWWG has developed substantial experience in the thoughtful analysis of the code compliance issues associated with new building design and construction that achieves code compliance with minimal intrusion of the desired architectural character of the project. PWWG begins applying code issues in the early planning stages of every project. Building design options are often evaluated with regard to the code ramifications and solutions. We begin an open dialogue with code officials so that the project parameters are familiar to them as the project progresses.

ADA Compliance


In addition to simply understanding the rules, PWWG can provide the judgment that is necessary to efficiently apply these regulations in ways that satisfy their intent and make spaces accessible. Through dialog with the stakeholders, accessibility issues can be prioritized and documented for successful inclusion in the building design.

LEED

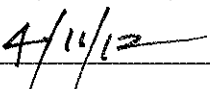
PWWG is committed to integrated design that in turn facilitates the efforts to provide sustainable facility design for our clients. The built environment is responsible for the majority of the impact on the future of the planet and its inhabitants. Through careful design we are able to provide the people that inhabit these buildings with a healthy environment for any intended purpose. Our staff includes eleven accredited professionals in the LEED program. Our designs will be sustainable regardless of any desire to obtain certification.

Certification Regarding Outstanding Litigation

No member of this team has litigation or arbitration hearings, including vendor complaints, that have been filed relating to their respective delivery of design services for the State of West Virginia's Purchasing Division or with other Agencies of the State of West Virginia.



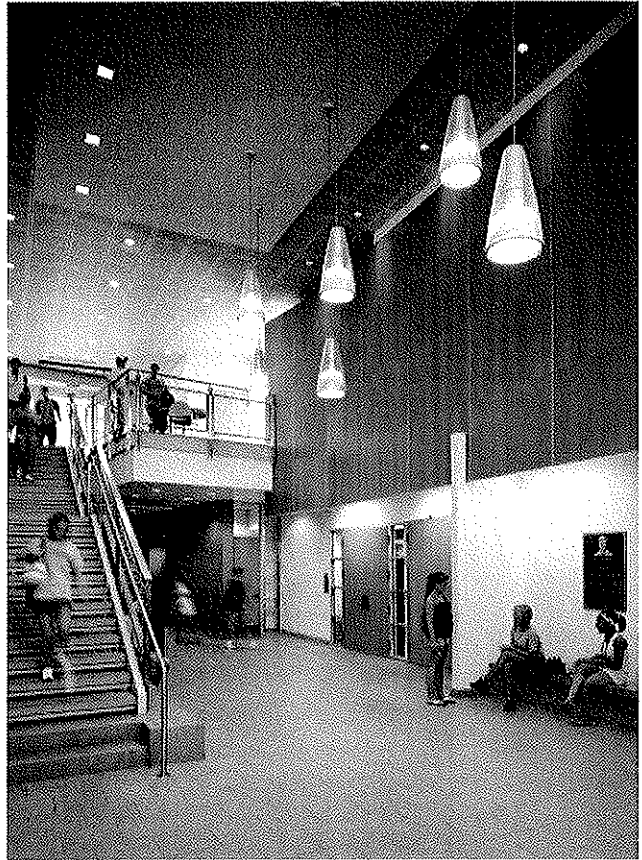
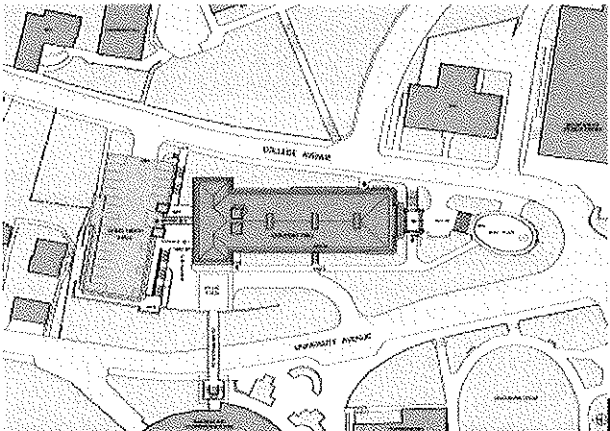
Alan Weiskopf, AIA, Principal in Charge

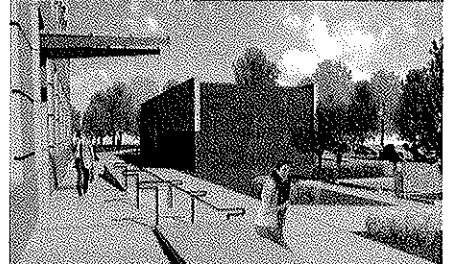
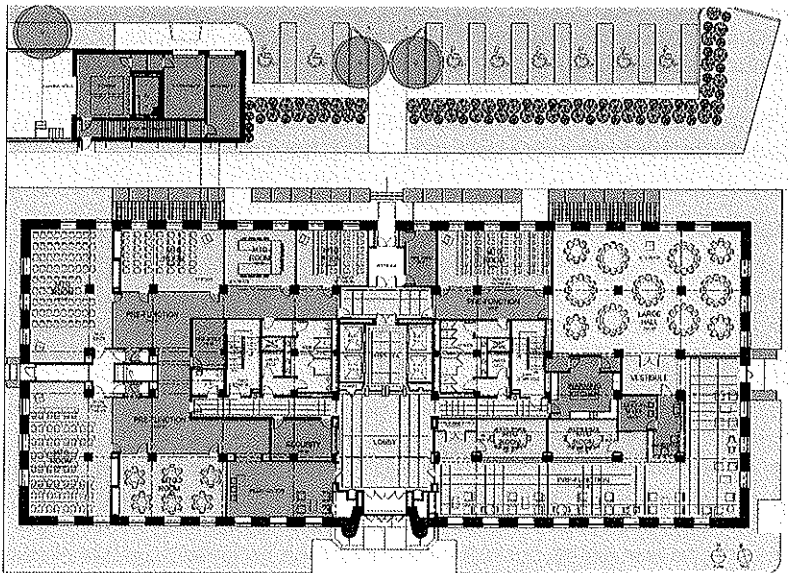
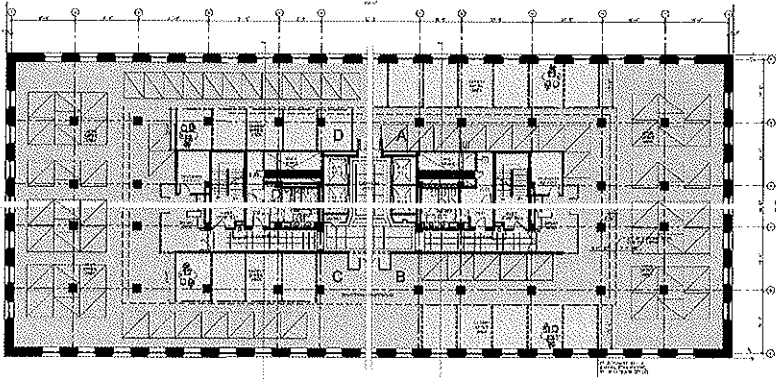
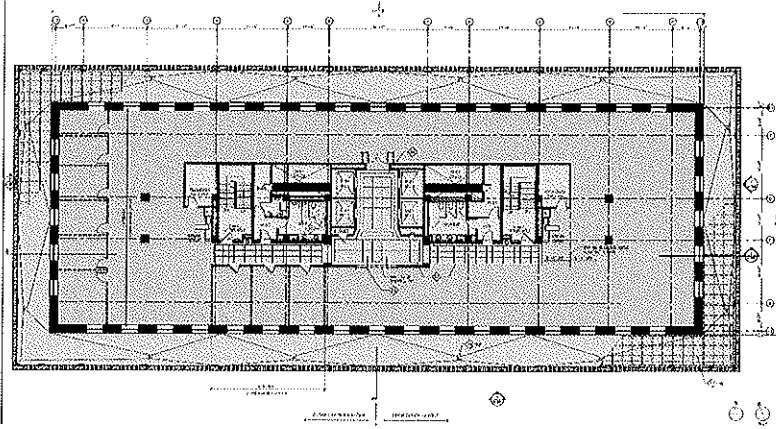


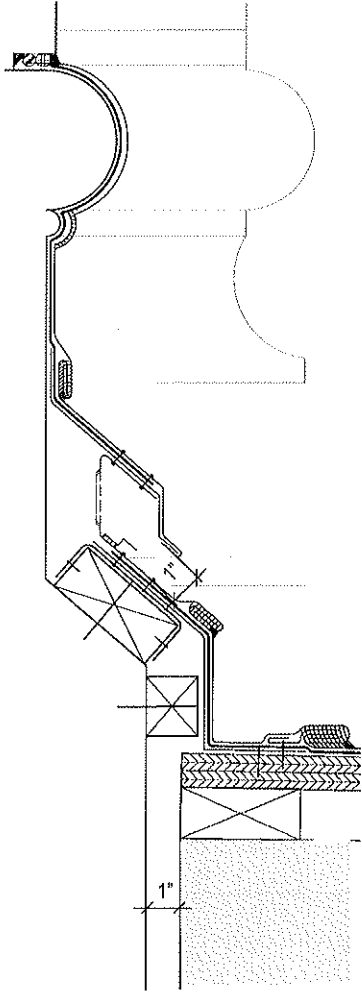
Date

Relevant Project Experience TAB 4
Project Pages for Similar Projects
PWWG
CJL Engineering

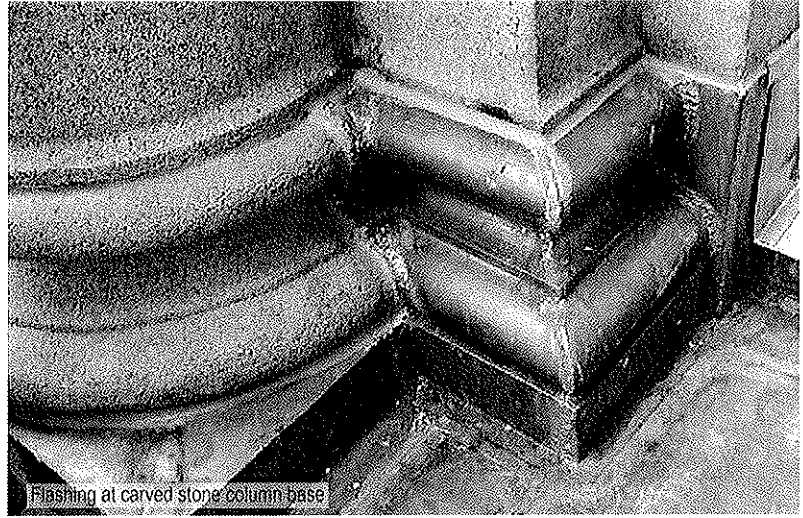
(References for PWWG and CJL projects included in this section are presented in Tab 5)



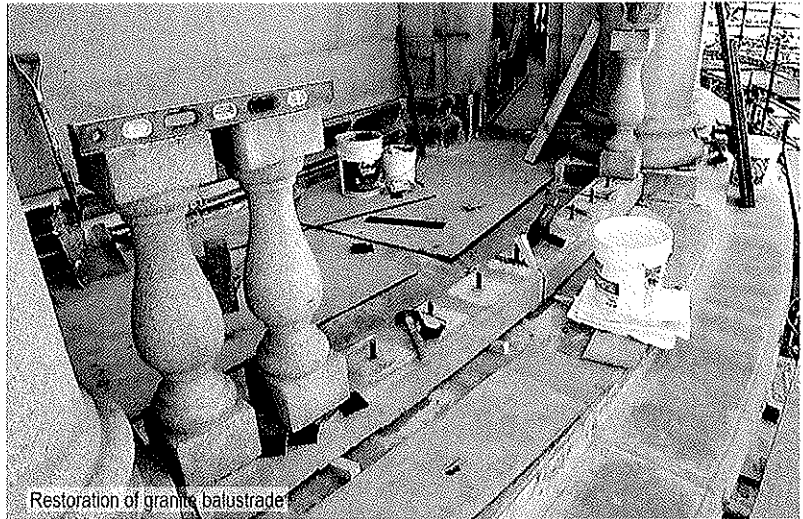




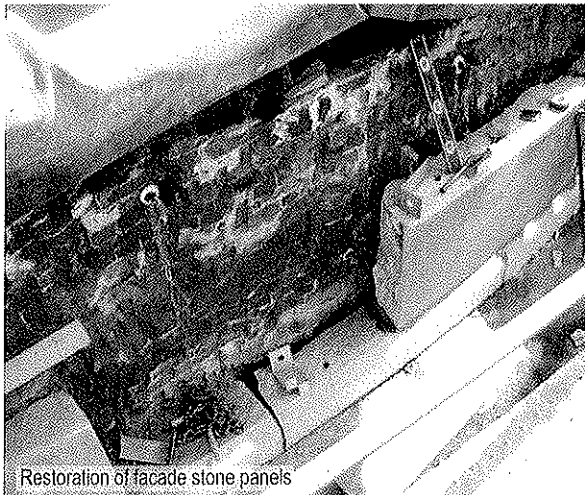
Section/detail at vented drum flashing



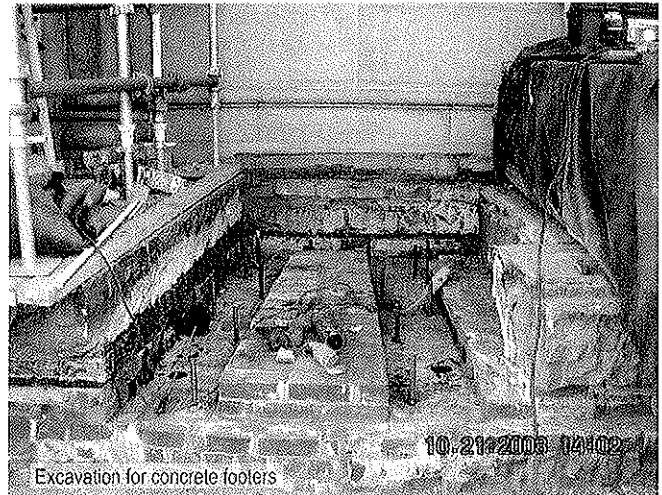
Flashing at carved stone column base



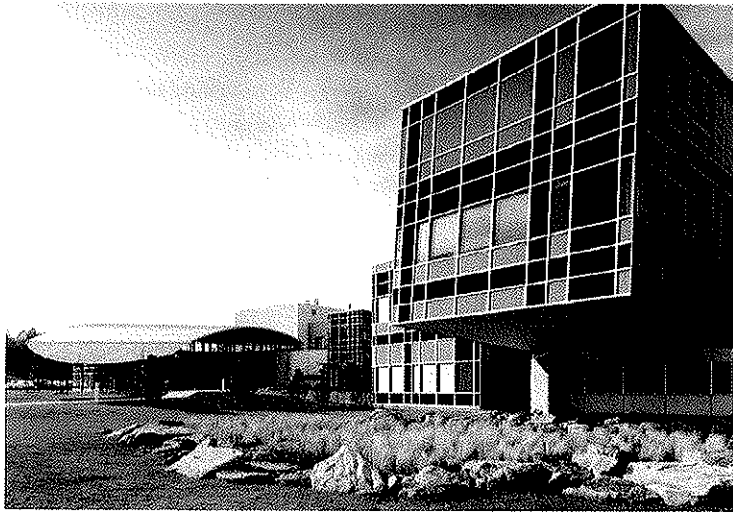
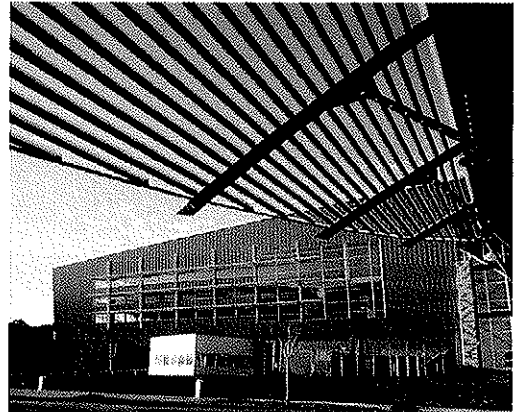
Restoration of granite balustrade

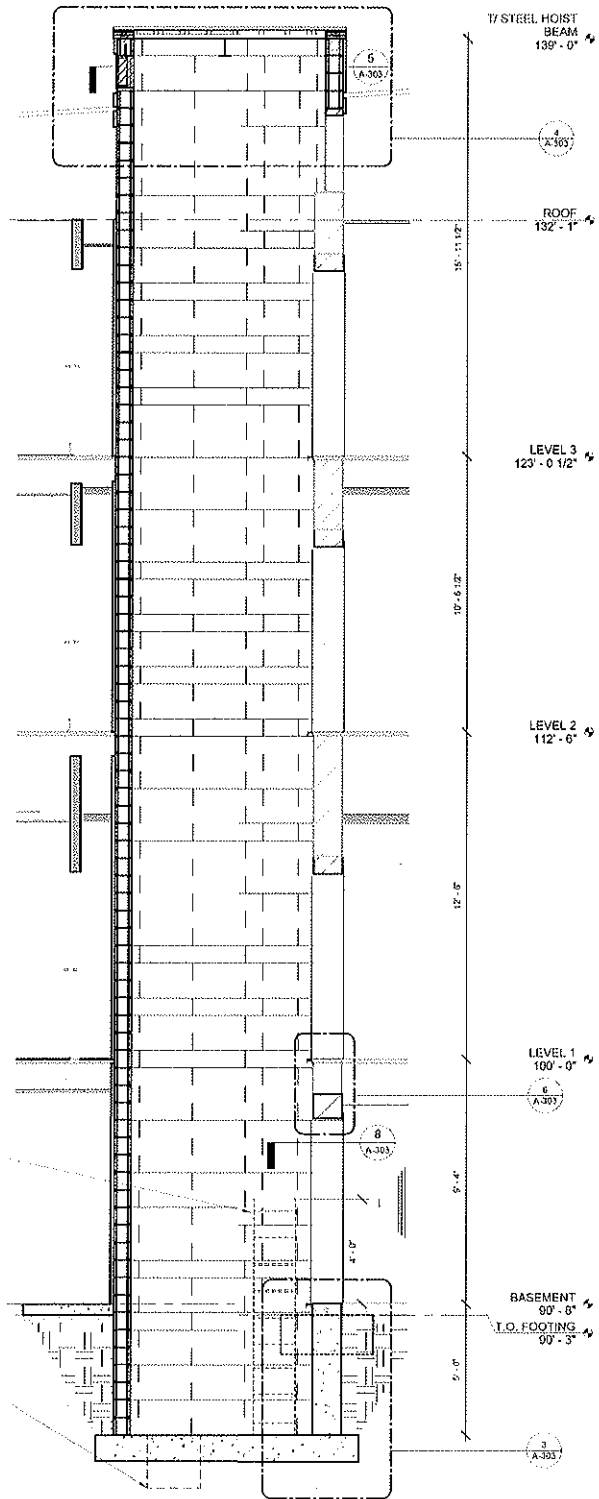


Restoration of facade stone panels

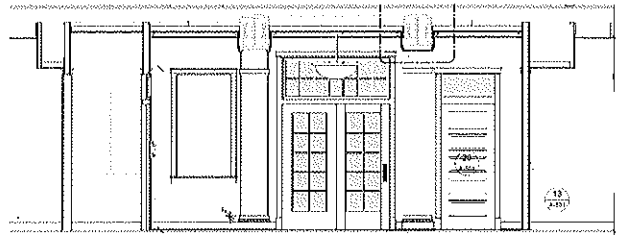


Excavation for concrete footers

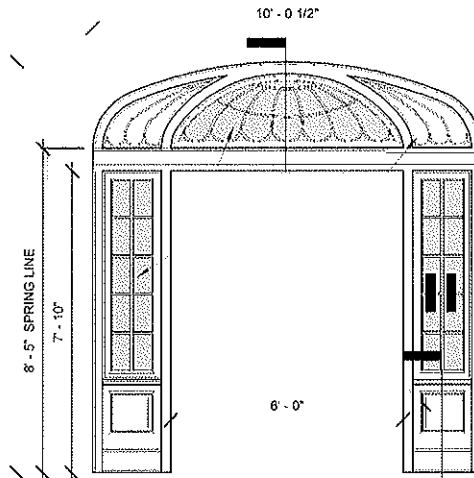




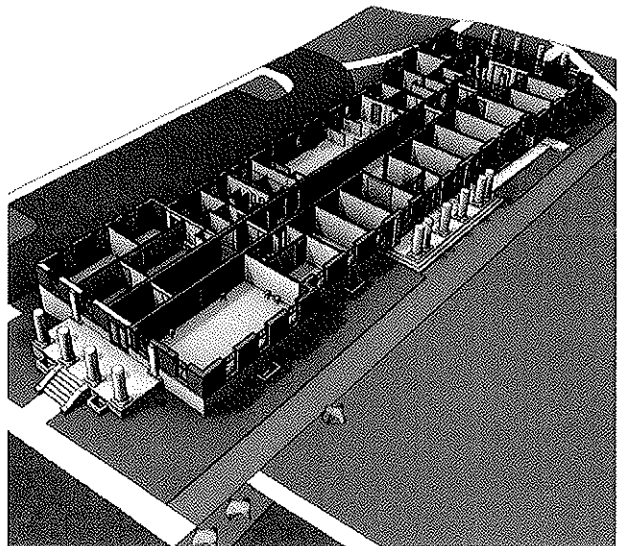
New elevator shaft inserted into the core of the existing building attaches to an existing masonry wall.



The Reception Area has new trim, ceiling and cornice detailing.

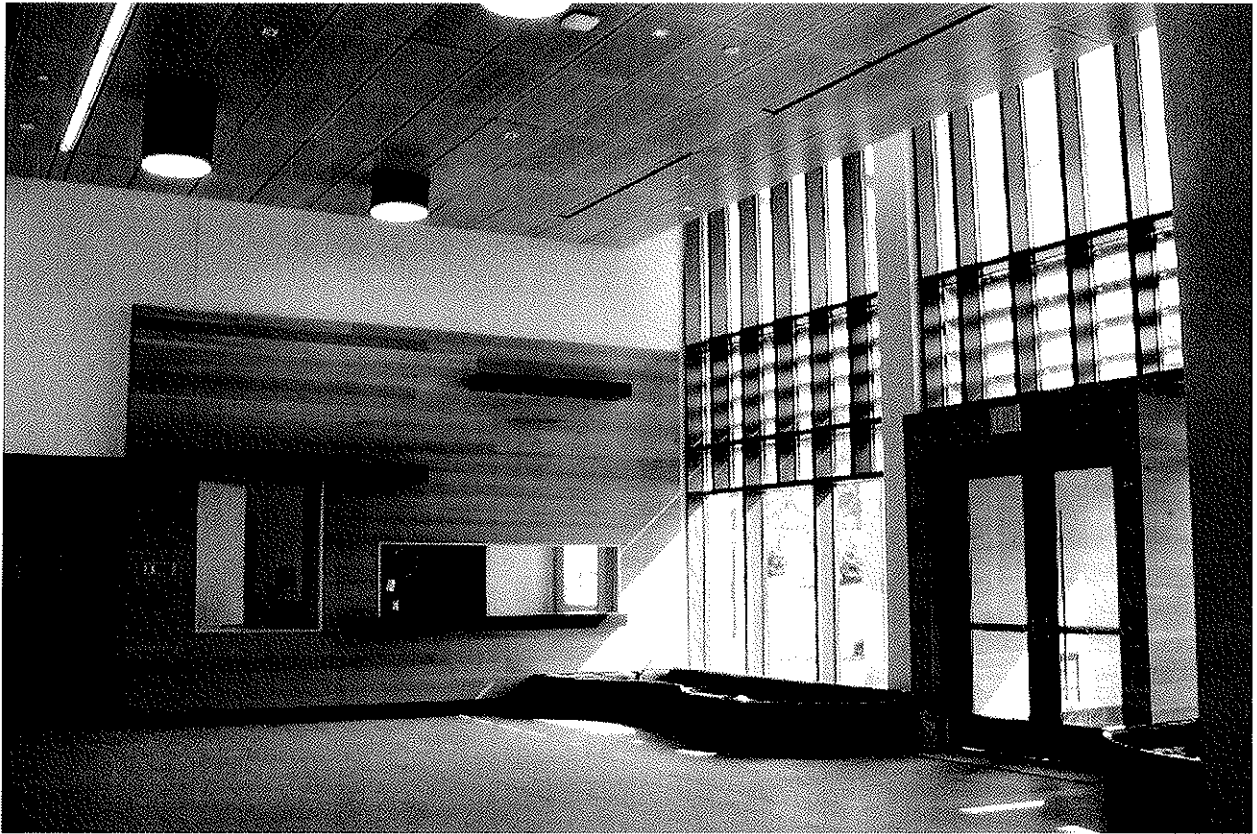


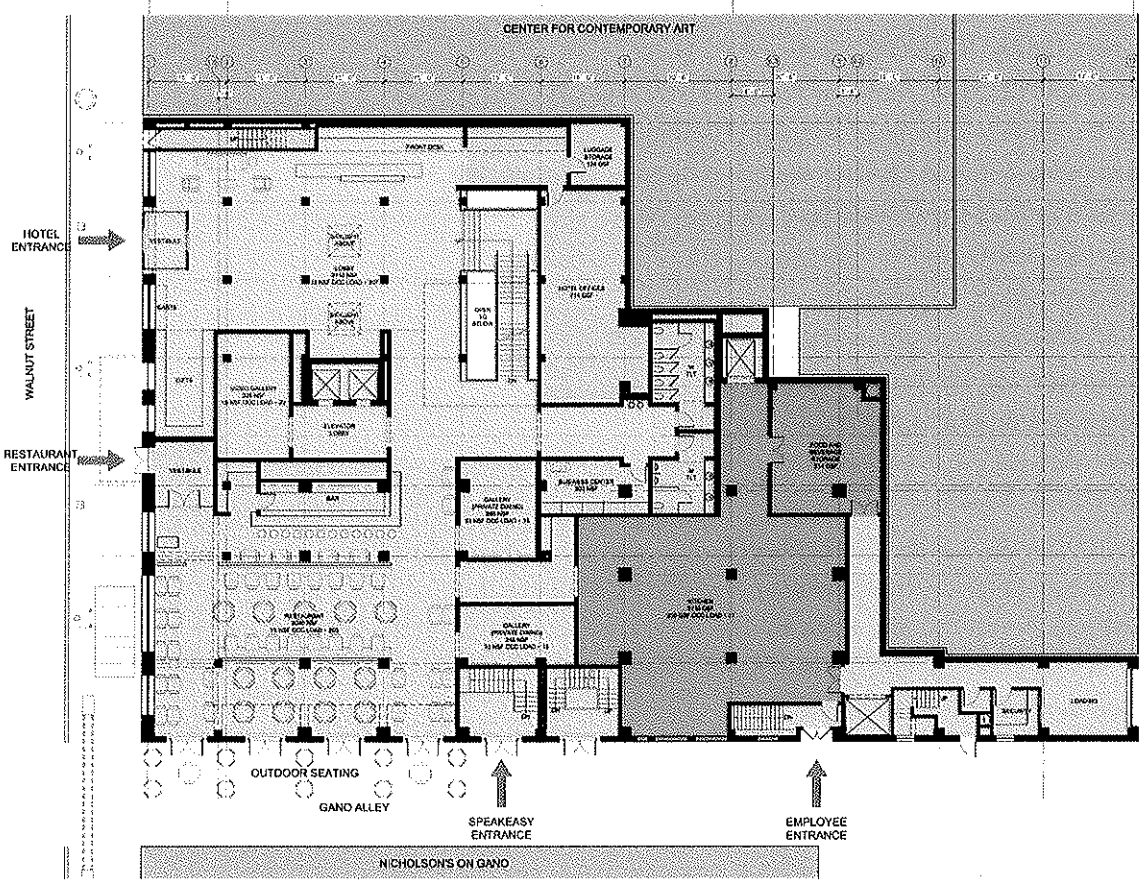
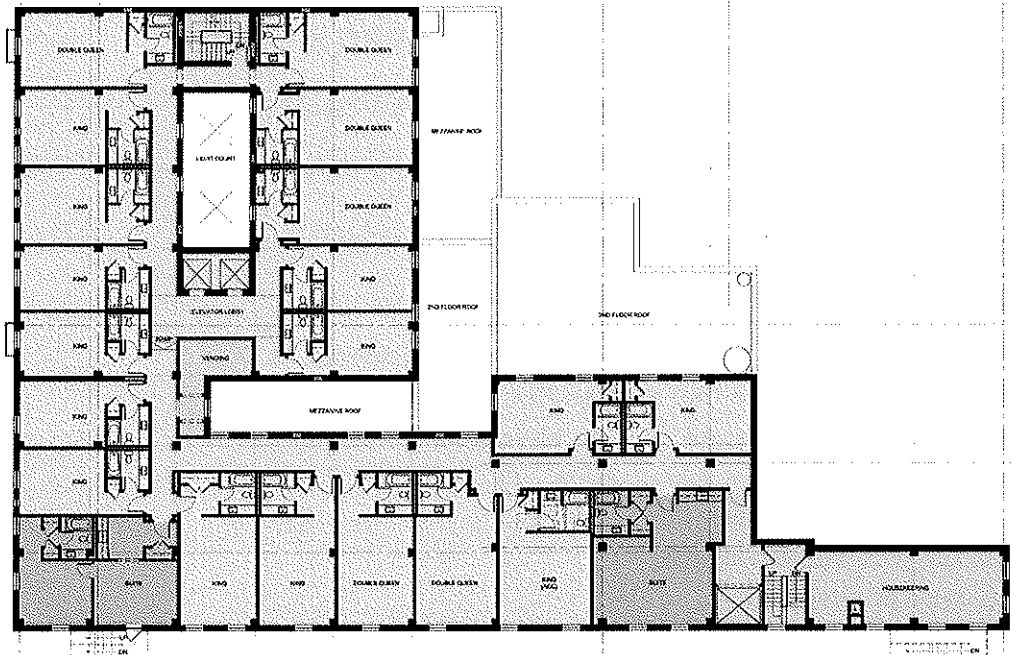
Ornate new door and trim at the Main Entry.



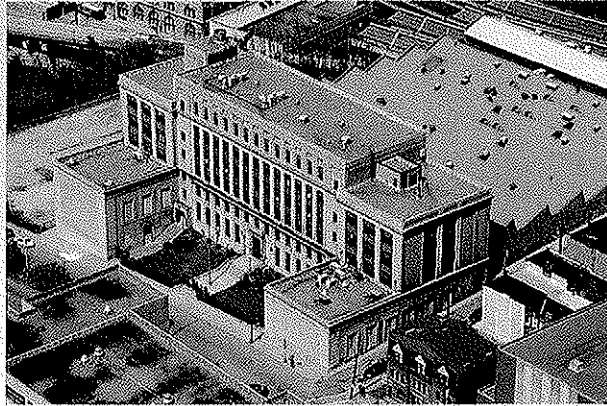
Program Diagram Developed in Revit







**Energy Innovation Center
(LEED Platinum Anticipated)
Pittsburgh, PA**



The Project:

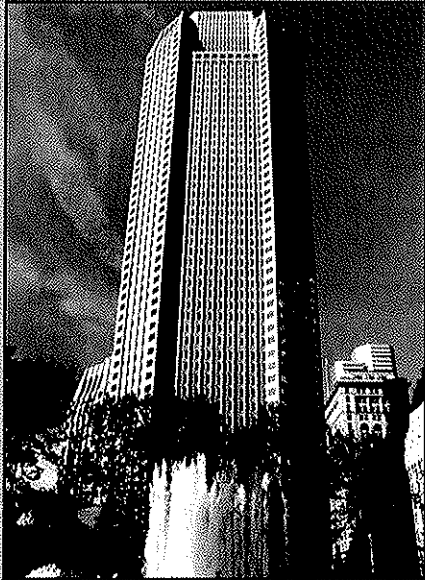
The Pittsburgh Energy Innovation Center (EIC) is a cutting-edge training, education, and research center that will support the new green economy in Western Pennsylvania. Pittsburgh Gateways, a non-profit economic development support organization, purchased the former Connelly School complex in Pittsburgh's Hill District. EIC will showcase new and evolving green building technologies and provide start-up facilities for emerging green business ventures. The construction renovation is anticipated to start in early 2012.

The building itself is to be converted into a green energy showplace. The three phase plan calls for utilizing geothermal wells, hot water solar heating, solar roof panels, wind turbines, energy efficient lighting, demand controlled ventilation, micro turbines, energy use monitoring and many other technology upgrades. The buildings are to be engineered to generate a 64% energy savings over conventional methods by implementing a value-engineered energy efficient design.

To complement the physical transformation of the property, a central underlying theme is to align workforce development, education, technology development and demonstration, along with business incubation in the emerging clean energy, technology and sustainable business markets.

The C.J.L. Engineering MEP concept for the Energy Innovation Center has been developed to meet the goals of the project while maintaining the historical aspects of the former trade school. The three main aspects of the building mechanical systems: Heating, Ventilation and Air-conditioning (HVAC), will each be handled separately, but in general shall consist of a dedicated ventilation system, a chilled water cooling system and a hot water heating system. These services shall be distributed throughout the building to individual leased spaces where the tenants will be able to tie into the central systems for their own use.

Jones Day
One Mellon Bank Center
Pittsburgh, PA



The Project:

Jones Day is an International law firm with over 2,300 lawyers and thirty offices worldwide. The Pittsburgh office of Jones Day is located at One Mellon Bank Center, a 54-story, 1.7 million sq. ft. commercial office tower situated at 500 Grant Street. The Jones Day's Pittsburgh office includes 68,450 sq. ft. of rentable space for sixty lawyers, and accompanying support staff. The design application includes private offices, workrooms, training / conference rooms, areas for document storage, administrative support, library, technology and communication rooms, pantry / servery and restrooms.

CJL Engineering was contracted to provide Jones Day with a Mechanical / Electrical / Plumbing and Fire Protection tenant fit-out design

CJL Engineering Design Solutions:

- Power Distribution System.
- Mechanical, Electrical and Plumbing Systems design to client specifications.
- Architectural lighting design
- Life Safety System design.
- Base building MEP infrastructure modifications.
- "Hands-on" Commissioning of MEP Systems.
- Optional LEED® Construction Inspection services.
- Daylight analysis using computerized analysis tools.
- Integrated daylighting design systems.
- Site lighting photometric calculations to meet all LEED requirements and "Dark Sky" compliance. Point by point lighting calculations.



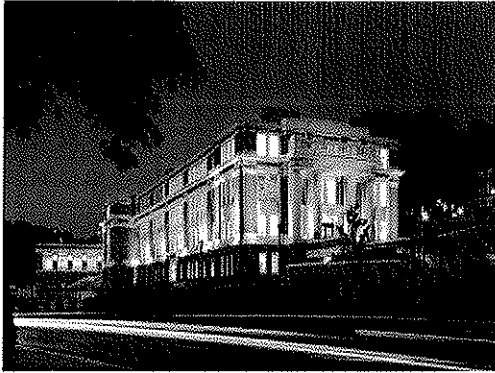
LEED® PROJECTS

A. W. Beattie Career & Technology Center (LEED Gold), Pittsburgh, PA
Allegheny Sports Complex (LEED Silver), Seneca Nations, NY
ART WORKS (LEED Silver anticipated), Johnstown, PA
BJC Progress West Data Center, (LEED Gold) O'Fallon, MO
Boyce Middle School, Upper St. Clair School District, Pittsburgh, PA
CamTran Maintenance Facility, Johnstown, PA
Cattaraugus Sports Complex (LEED Silver), Seneca Nations, NY
CJL Engineering Office Building, (LEED Silver), Johnstown, PA
Community College of Allegheny County, K. Leroy Irvis Science Center, Pittsburgh, PA
Downtown YMCA, Pittsburgh, PA
Duquesne University, Des Places Residence Hall, (LEED Gold anticipated), Pittsburgh, PA
East End Cooperative Ministries (LEED Platinum anticipated), Pittsburgh, PA
Edinboro University, Institute for Human Services and Civility (LEED Silver), Edinboro, PA
Energy Innovation Center (LEED Gold anticipated), Pittsburgh, PA
Fairmont Hotel at Three PNC Plaza (LEED Gold), Pittsburgh, PA
Fort Couch Middle School, Upper St. Clair School District, Pittsburgh, PA
Green Building Alliance (LEED CI Platinum), Pittsburgh, PA
Hermitage Technology Center, Sharon PA
IBEW Apprentice Building, Steubenville OH
Naval Air Station, Oceana – Child Development Center (LEED Silver), Virginia Beach, VA
PANG Readiness Center, Hermitage, PA
PANG Stryker Brigade Facility, US Army 'Spirit' Program, Bradford, PA
PANG Stryker Brigade Facility, US Army 'Spirit' Program, Punxsutawney, PA
Park Place One, Robinson Township, PA
Phipps Conservatory Center for Sustainable Landscapes 'Living Building Challenge Project'
(LEED Platinum anticipated), Pittsburgh, PA
PNC Bank (a subsidiary of PNC Financial Services Group), **Over 160 LEED Silver and LEED Gold**
Branch Bank Locations: PA, OH, NJ, VA, MD, IL, FL, DC, DE, NY, WI
Point Park University Dance Studio Complex (LEED Gold), Pittsburgh, PA
Reed Smith at Three PNC Plaza (LEED Gold), Pittsburgh, PA
Robert Morris University MU Business School, Moon Township, PA
Slippery Rock University Student Union (LEED Silver anticipated), Slippery Rock, PA
St. Francis University, DiSepio Institute for Rural Health and Wellness, Loretto, PA
The Pittsburgh Project, (LEED Gold), Pittsburgh, PA
Three PNC Plaza (LEED Gold), Pittsburgh, PA
UPMC East (LEED Gold), Pittsburgh, PA
UPMC Passavant Hospital (LEED Silver), Pittsburgh, PA
West Virginia University, Oglebay Hall (LEED Certified), Morgantown, WV
West Virginia Capitol Complex, Building #3, Charleston, WV
Youngstown Air Reserve Station, Joint Services Lodging Facility #106, Youngstown, OH
Youngstown State University, Williamson College of Business Administration (LEED Gold), Youngstown, OH

References for Similar Projects TAB 5

References for Similar Projects

Perfido Weiskopf Wagstaff + Goettel



For PWWG

21c Museum Hotel

Brad Wilcox, Project Manager
River City Development Corp.
Louisville, KY 40214
502.361.9268
bwilcox@rivercitydevelopment.com

Oglebay Hall

John Thompson, Manager of
Design & Construction Svcs.
West Virginia University
Morgantown, WV
304.293.3625
John.Thompson@mail.wvu.edu

Carr Hall, Allegheny College

Clifford Willis, Dir. of Physical Plant
Allegheny College
814-332-5378
cwillis@allegheny.edu

Shaw Hall Restoration

Jack Wright, VP/CFO
West Liberty University
West Liberty, WV
304.336.8180
jewright@westliberty.edu

FORE Systems

William Bates
Eat 'n Park Hospitality Group, Inc.
285 East Waterfront Drive
Pittsburgh, PA 15230
412.461.2000, ext. 1294
wbates@eatnpark.com

For CJL

Paul Fusan
Vice President and Manager
PNC Realty Construction Services
620 Liberty Ave
P2 PTPP 19 3
Pittsburgh PA 15222
412-762-8538
paul.fusan@pnc.com

Lou Mittleman, P.E., LEED AP
Program Manager
Baker and Associates
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100 Airside Drive
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David Heaton
Oxford Development Company
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Pittsburgh, PA 15219
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dheaton@oxforddevelopment.com

Eugene Ciavarra
V.P. Operations - Theaters and
District Amenities
Pittsburgh Cultural Trust
Pittsburgh, PA 15222
412-471-6070
ciavarra@pgharts.org

David Freese
Project Manager, WVU Facilities
Management
West Virginia University
979 Rawley Lane, PO Box 6572
Morgantown, WV 26506
304-293-2876
David.Freese@mail.wvu.edu

Forms **TAB 6**
Purchasing Affidavit

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

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

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

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

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Perfido Weiskopf Wagstaff + Goettel

Authorized Signature: *Perfido Weiskopf* Date: 11 April 2012

State of Pennsylvania

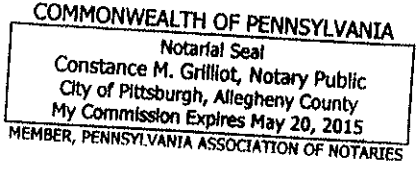
County of Allegheny, to-wit:

Taken, subscribed, and sworn to before me this 11 day of April, 2012.

My Commission expires MAY 20, 2015.

AFFIX SEAL HERE

NOTARY PUBLIC *Constance M. Grilliot*



STATE OF WEST VIRGINIA
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON STREET, EAST
POST OFFICE BOX 50130
CHARLESTON, WEST VIRGINIA 25305-0130
03/22/2011

RECEIVED

MAR 25 2011

**PERFIDO WEISKOPF
WAGSTAFF + GOETTE**

CONNIE GRILLIOT
PERFIDO WEISKOPF WAGSTAFF
408 BLVD OF THE ALLIES

PITTSBURGH PA

15219-1301

THIS IS TO CONFIRM RECEIPT OF YOUR VENDOR REGISTRATION FEE. PAYMENT OF THE FEE ENABLES YOU TO PARTICIPATE IN THE PURCHASING DIVISION'S COMPETITIVE BID PROCESS AND ENTITLES YOU TO A ONE-YEAR SUBSCRIPTION TO THE WEST VIRGINIA PURCHASING BULLETIN. A NEW ISSUE OF THE WEST VIRGINIA PURCHASING BULLETIN IS POSTED ON OUR WEB SITE EACH WEEK. BID OPPORTUNITIES ESTIMATED AT \$25,000 OR MORE ARE ADVERTISED IN THIS PUBLICATION. WE ENCOURAGE YOU TO LOG ON AND VIEW THE BULLETIN EVERY FRIDAY SO AS NOT TO MISS IMPORTANT BIDDING OPPORTUNITIES. OUR WEB ADDRESS IS:

[HTTP://WWW.STATE.WV.US/ADMIN/PURCHASE](http://www.state.wv.us/admin/purchase)

IN ORDER TO ACCESS THE WEST VIRGINIA PURCHASING BULLETIN, YOU WILL NEED YOUR VENDOR NUMBER, GROUP NUMBER (IF ANY), AND YOUR PASSWORD WHICH ARE PRINTED BELOW. YOUR ACCESS WILL BECOME EFFECTIVE ON THE FIRST MONDAY AFTER 03/22/2011, STATE HOLIDAYS EXCLUDED.

HELPFUL TIPS: YOUR COMPUTER-GENERATED VENDOR NUMBER BEGINS WITH AN ASTERISK, BUT DO NOT USE THE ASTERISK WHEN LOGGING IN. ALSO, OUR LOGIN SCRIPT IS CASE SENSITIVE. THEREFORE, IF YOUR VENDOR NUMBER CONTAINS A CHARACTER LIKE A, B, OR C, PLEASE TYPE IT IN UPPER CASE.

IF YOU HAVE QUESTIONS, FEEL FREE TO CONTACT US AT 304-558-2311 OR JEANNE.B.BARNHART@WV.GOV. THANK YOU.

SINCERELY YOURS,

Jeanne Barnhart

VENDOR REGISTRATION

VENDOR NUMBER : *709020221
GROUP NUMBER :
PASSWORD : 34035



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
GSD126401

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF
**KRISTA FERRELL
 304-558-2596**

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING FOUR
 112 CALIFORNIA AVENUE
 CHARLESTON, WV
 25305 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/21/2012				

BID OPENING DATE: **04/12/2012** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>NO CONTACT BETWEEN THE VENDOR AND THE AGENCY IS PERMITTED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE STATE BUYER. VIOLATION MAY RESULT IN THE REJECTION OF THE BID. THE STATE BUYER NAMED ABOVE IS THE SOLE CONTACT FOR ANY AND ALL INQUIRIES AFTER THIS EO HAS BEEN RELEASED.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: GSD126401...</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:</p> <p>NO. 1 X</p> <p>NO. 2 N/A</p> <p>NO. 3 N/A</p> <p>NO. 4 N/A</p> <p>NO. 5 N/A</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 412.391.2884	DATE 4.11.2012
TITLE Managing Principal	FEIN 25-1544159	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ INSERT NAME AND ADDRESS IN SPACE ABOVE LABELLED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFP NUMBER
GSD126401

PAGE
3

ADDRESS CORRESPONDENCE TO ATTENTION OF:
**KRISTA FERRELL
 304-558-2596**


VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING FOUR
 112 CALIFORNIA AVENUE
 CHARLESTON, WV
 25305 304-558-2317

DATE PRINTED: 03/21/2012	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: 04/12/2012		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">  SIGNATURE Perfido Weiskopf Wagstaff + Goettel COMPANY April 11, 2012 DATE </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE EOI.</p> <p>REV. 09/21/2009</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED EOI MUST BE SUBMITTED TO:</p> <p style="text-align: center;"> DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 </p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 412.391.2884	DATE 4.11.2012
TITLE Managing Principal	FEIN 25-1544159	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELLED "VENDOR"



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
GSD126401

PAGE
4

ADDRESS CORRESPONDENCE TO ATTENTION OF
**KRISTA FERRELL
 304-558-2596**

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING FOUR
 112 CALIFORNIA AVENUE
 CHARLESTON, WV
 25305 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS		
03/21/2012						
BID OPENING DATE: 04/12/2012		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE EOI SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE EOI MAY NOT BE CONSIDERED:</p> <p>SEALED EOI</p> <p>BUYER: KRISTA FERRELL-FILE 21</p> <p>EOI. NO.: GSD126401</p> <p>EOI OPENING DATE: 04/12/2012</p> <p>EOI OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR EOI: 412.391.1657</p> <p>-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): Alan Weiskopf, AIA</p> <p>-----</p> <p>***** THIS IS THE END OF RFQ GSD126401 ***** TOTAL: _____</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE			TELEPHONE	DATE		
			412.391.2884	4.11.2012		
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE				
Managing Principal	25-1544159					

WHEN RESPONDING TO RFQ INSERT NAME AND ADDRESS IN SPACE ABOVE LABELLED 'VENDOR'