

PROCESSED FOR:  
WEST VIRGINIA ARMY NATIONAL GUARD  
BUCKHANNON COMPANY  
UPSHUR COUNTY, WV  
FEBRUARY 26, 2009

PERFID OF  
WEISKOMF  
WAGSTAFF +  
COBTTEL



RECEIVED  
2009 FEB 26 A 10: 14  
PURCHASING DIVISION  
STATE OF WV

February 24, 2009

Mr. John Abbot, Buyer  
Department of Administration, Purchasing Division  
Building 15  
2019 Washington Street, East  
Charleston, WV 25305-0130

RE: Requisition #DEFK 9015  
Expression of Interest for Architectural and Engineering Services  
West Virginia Army National Guard, Buckhannon Readiness Center, Upshur County, WV

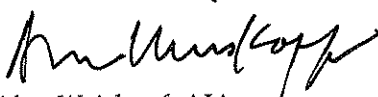
Dear Mr. Abbot and Members of the Selection Committee:

Perfido Weiskopf Wagstaff + Goettel (PWWG) is very pleased to submit our qualifications to provide Architectural and Engineering Services for the design of the West Virginia Army National Guard's Buckhannon Readiness Center in Upshur County, WV. We have carefully studied the RFQ and we are confident we have assembled a team with the capabilities to make your project a success. The following factors underscore our qualifications for this project:

- Collectively, PWWG and our team of consultants have recent experience in directly similar project types.
- By virtue of the array of markets that we serve, PWWG has proven experience in facilities that are flexible and contain each of the functions of the proposed structure, including classroom and training spaces, assembly spaces, offices, garage and warehousing spaces and overnight accommodations.
- Given the size and composition of our firm, we are able to offer uncommonly high levels of involvement by principals and registered architects.

PWWG has developed a successful track record of projects in West Virginia and we are currently working on the complete renovation of West Virginia State Capitol Building #3, which will be a LEED certified project upon completion. It would be an honor for us to once again be of service to the State of West Virginia and we look forward to the opportunity of an interview to discuss your project in greater detail.

Sincerely,



Alan Weiskopf, AIA  
Managing Principal

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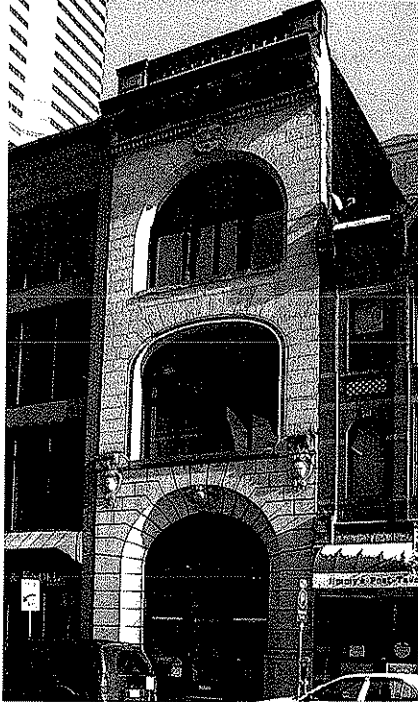
WV Vendor Certification  
Professional Liability Insurance Certificate  
Purchasing Affidavit

SECTION 1  
PROJECT TEAM

Perfido Weiskopf Wagstaff + Goettel Firm Profile  
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## About

### Perfido Weiskopf Wagstaff + Goettel



We are a design firm practicing architecture, planning, and urban design. We were founded in 1975 by Leonard Perfido, now Emeritus. Today we are led by three Principals; Alan Weiskopf, AIA, Sheldon Goettel, AIA, and Kevin Wagstaff, AIA. The full staff includes 9 Registered Architects, 8 Graduate Intern Architects, and 5 business support professionals.

In more than 30 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, theatres, galleries, stores, 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.

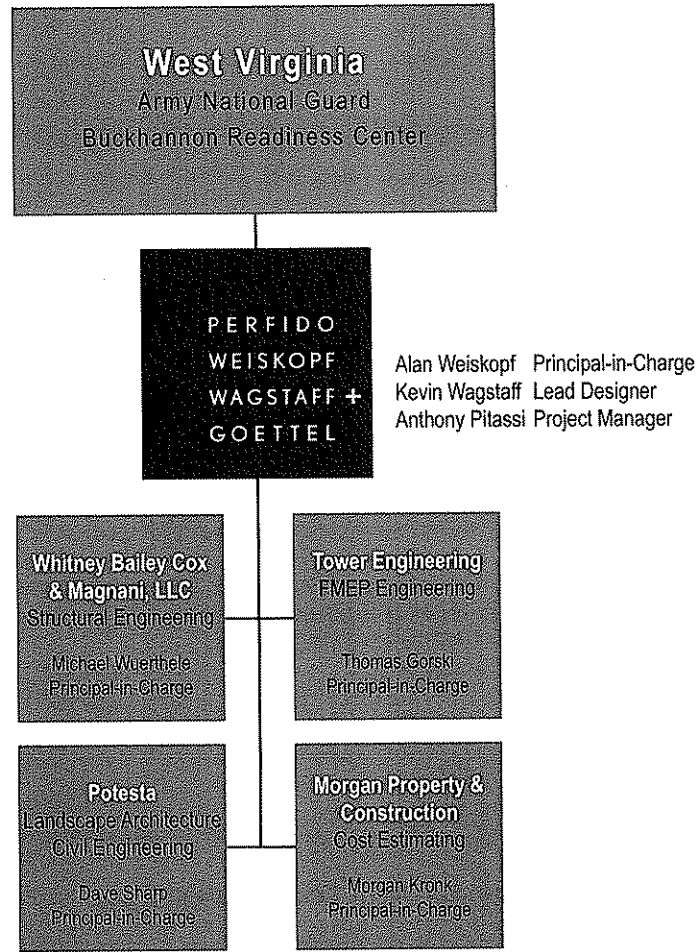
**Integrated Design** - We work in teams that follow projects from the first stages of planning through the completion of construction. The teams include all the necessary disciplines in a design process that is collaborative and highly interactive. Each team member understands the effect of their contributions 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. We are equipped with state-of-the-art technology, utilizing networked PCs, and we are continually improving that technology in synchrony with new innovations in hardware and software. Depending on client need, the firm can use 'Building Information Modeling' (BIM) design tools, via *Revit* software, or the more traditional *AutoCad* software. In either case we use 3-dimensional modeling as a design tool, and we prepare photo-realistic images and virtual tours of design proposals.



Buckhannon Readiness Center Upshur County, West Virginia

# Organization Chart



## About

### Additional Consulting Team Members

## Whitney Bailey Cox & Magnani, LLC

### Structural Engineering



We began WBCM Construction Services, LLC in 2002 distinguishing ourselves from the league of architecture and engineering firms in the area. This sister entity to Whitney Bailey Cox & Magnani, LLC empowers us to serve our clients and to support partnering firms with a unique, comprehensive approach of not only offering construction management, construction services, and also engaging in actual facility construction.

Today, WBCM is a full-service, multi-state multidisciplinary architecture, engineering and construction firm. With offices in suburban Baltimore and the Canton Waterfront in Baltimore, Maryland, and in Harrisburg and Pittsburgh, Pennsylvania, we satisfy the unique and varied AEC needs of public and private clients.

Most of our over 200 employees are licensed architecture, engineering, landscape architecture, surveying, planning and contracting professionals. This growing team has completed the design, engineering and construction of projects exceeding one billion dollars in construction value.

As we look to define our future history, we are continually expanding our reach into new markets and are ever broadening our scope of professional expertise. From dreams to accomplishments and back to dreams—or as we prefer to call them now, strategic goals.

## Tower Engineering

### Mechanical, Electrical, Plumbing and Fire Protection Engineering



Tower Engineering is a Consulting Engineering firm located in Pittsburgh, PA that has provided Mechanical, Electrical, Plumbing and Fire Protection Engineering services for a wide variety of clients and project types since 1931. Tower Engineering's highly-trained staff of project managers, engineers, designers, and technical support personnel are capable of providing consulting services for every type of project from a small, single family residence to a high tech research facility incorporating redundant mechanical/electrical systems, DDC energy management and thermal storage. The firm's 30-person staff includes 13 registered professional engineers; 4 graduate engineers, including 1 with an engineer-in-training (E.I.T.) certificate; and 1 staff engineer with CIPE certification. Each project is directed by a principal and assigned a project manager who has overall responsibility for the project from inception through completion.

Tower's engineers and designers have provided services on vast numbers of buildings (both renovation and new construction) throughout the state of West Virginia. The firm is very familiar with the code review process in West Virginia and they maintain excellent working relationships with major mechanical and electrical contractors who routinely bid projects located in the state.



Potesta  
Civil Engineering



Potesta & Associates, Inc. (POTESTA) was founded in 1987 to provide quality engineering and environmental consulting services to a wide variety of private and public clients in West Virginia and the eastern United States. The firm has grown to a large and very diverse staff that includes civil, geotechnical, environmental, mining and chemical engineers, Licensed Remediation Specialists, site designers, surveyors, CADD designers, biologists, toxicologists, ecologists, geologists, hydrogeologists, foresters, stream restoration design specialists, occupational safety and health specialists, field technicians, a land management team and support personnel.

Potesta takes pride in delivering innovative, cost-effective solutions to the clients' complex requirements. Our clients include mining, manufacturing and chemical companies, utility companies, municipalities, waste management companies, architects, attorneys, financial institutions, insurance companies, colleges/universities, land developers, construction companies, local, state and federal agencies and non-profit groups. The firm serves clients east of the Mississippi River, occasionally reaching further west. Services are provided from the headquarters in Charleston, West Virginia as well as branch offices in Morgantown, West Virginia and Winchester, Virginia.

POTESTA has a total staff of more than 100 people, including more than 30 engineers, about half of whom are registered professional engineers. The firm has seven licensed remediation specialists, four registered professional surveyors, one certified professional geologist, two professional foresters, a licensed asbestos abatement designer, three licensed asbestos inspectors and two GIS experts. Project teams are supported by a large group of designers, surveyors, biologists, scientists, technicians and other support personnel.

Ronald R. Potesta, President of the company, is a former Director of the West Virginia Department of Natural Resources. Dr. L. Eli McCoy, former Director of the West Virginia Department of Environmental Protection and Chief of the agency's Office of Water Resources, serves as POTESTA's Environmental Consulting Vice President. Dana L. Burns, P.E. serves as the firm's Engineering Vice President. Mr. Burns has more than 26 years of experience with civil, geotechnical, mining and environmental engineering projects.

Morgan Property & Construction Consultants  
Cost Estimating



Morgan Property & Construction Consultants works to recognize an Owner's or Architect's needs and support those needs by utilizing our knowledge of the construction process, provide ongoing support and creativity, and provide flexible choices as a response to their changing demands and cost associated with a project's timely and successful completion.

Morgan Kronk, President, has over thirty years of commercial/multi-family construction experience and has been beneficial to both architects and owners in understanding their costs and supporting their projects throughout construction. As an owner's representative, cost estimator or construction manager, he has provided measurable value to their projects.



## Alan Weiskopf, AIA

Principal-in-Charge **Perfido Weiskopf Wagstaff + Goettel**



### Education

University of Cincinnati  
Bachelor of Architecture, 1975

### Registration

Registered Architect in PA,  
WV, MD, OH, IN, NY, NC & SC

### Professional Associations

NCARB Certification  
American Institute of Architects  
Chairman, City of Pittsburgh  
Board of Appeals  
AIA Pittsburgh Board of  
Directors (1990-1996)  
AIA PA Board (1997-2001)  
Member, Urban Land Institute  
Member, CEO's for Cities

Alan joined PWWG in 1981 as an associate and became a principal of the firm in 1986. He has served as the project architect or principal-in-charge of many of the firm's most significant projects, including several award winning projects. He has a wide range of experience in terms of project type and size, with a particular emphasis on higher education projects, projects involving restoration, renovation and preservation of culturally significant structures and hotel projects. He has also managed several of the firm's joint venture relationships. Among other activities, Alan is a past President of AIA Pennsylvania and has served on the Convention Center Design Commission Task Force for the David L. Lawrence Convention Center in Pittsburgh. He is a graduate of Leadership Pittsburgh, a past member of the Board of Code Review and he currently serves as Chairman of the Board of Standards and Appeals for the Bureau of Building Inspection in the City of Pittsburgh.

### Notable Project Experience:

PA Historic & Museum Commission, Pennsylvania - three 5 year open-end contracts for historic restoration work  
575 Broadway, New York, NY - adaptive reuse of historic urban building for office and museum uses  
Main Capitol Rotunda, Charleston, WV - historic restoration of rotunda interior  
Main Capitol Restoration, Harrisburg, PA - multi-phased historic restoration  
Courtyard by Marriott Hotel, Pittsburgh - adaptive reuse of historic urban building for 182 room hotel  
FORE Systems Campus, Warrendale, PA - high tech office and manufacturing campus - 5 buildings  
Hamburg Hall, Carnegie Mellon University - renovation of historic building for academic facility  
Oglebay Hall & Ming Hsieh Hall, West Virginia University - 55,000 sf historic renovation and 20,000 new building, LEED  
Information Science & Technology Building, Penn State University - \$50 million academic building  
Uhler Hall, Indiana University of Pennsylvania - academic building for psychology department  
West General Robinson Street Garage, Pittsburgh - 10 story event garage with 1200 spaces  
West Virginia Capitol Building Three, Charleston, WV - renovation of historic office building  
Pittsburgh International Airport, Pittsburgh - addition of landside and airside building passenger elevators  
Metropole Hotel, Cincinnati, OH - rehabilitation of historic downtown hotel for new upscale 170 room hotel

## Kevin Wagstaff, AIA

Lead Designer **Perfido Weiskopf Wagstaff + Goettel**



### Education

Princeton University  
Master of Architecture, 1988  
University of Virginia  
B.S. in Architecture, 1986

### Registration

Architect in PA and NY

### Professional Associations

American Institute of Architects  
AIA Pittsburgh Board of  
Directors (2007-present)  
Chairman, Urban Design  
Committee (1994-1996)  
Carnegie Mellon University  
Adjunct Assistant Professor,  
2008

Kevin began his professional career working in New York, first for Skidmore Owings and Merrill and then for Perkins and Will. Kevin then spent two years teaching architecture at the Savannah College of Art Design before moving to Pittsburgh in 1993 and joining Perfido Weiskopf Architects as an associate. He became a principal in the firm in July of 2004. Kevin has a broad range of experience as a lead designer and project architect on diverse project types including higher education, market rate and subsidized housing, corporate offices, parking structures and retail. Several of his projects have received awards from the Pittsburgh and Pennsylvania chapters of the AIA, as well as national publications. In addition to his work with the firm, Kevin is a Vice-President of AIA Pittsburgh, and he teaches a fourth-year architectural design studio at Carnegie Mellon University.

### Notable Project Experience:

Oglebay Hall & Ming Hsieh Hall, West Virginia University - 55,000 sf historic renovation and 20,000 new building, LEED  
Misciagna Family Arts Center Addition, Penn State Altoona - dance studio, gallery and scene shop  
Uhler Hall, Indiana University of Pennsylvania - academic building for psychology department  
Riverview Center, Morgantown, WV - 600 bed student housing high-rise  
Indigo Hotel and Condominium, Asheville, NC - high-rise boutique hotel with 100 guest rooms & 12 condo units  
West General Robinson Street Garage, Pittsburgh - 10 story event garage with 1200 spaces  
Whole Foods Market, Pittsburgh - adaptive re-use of urban warehouse building  
FORE Systems Building Four, Warrendale, PA - suburban high tech office and manufacturing building  
Drake Well Museum, Titusville, PA - comprehensive museum renovation  
Crescent Court at Summerset, Pittsburgh - 36 unit condominium  
Reserve at Summerset, Pittsburgh - 40 unit townhouse group  
Madison on Bellefield, Pittsburgh - 40 unit condominium  
521 Shady Avenue, Pittsburgh - 12 unit rental loft apartment building  
Scattered Site Housing, Clairton, PA - 24 single-family houses for sale to low-income families  
Serody-Meisel Cabin, Eastbrook Maine - three season cabin on a pond

## Richard Miller, AIA

QA/QC and Construction Administration **Perfido Weiskopf Wagstaff + Goettel**



### Education

Carnegie Mellon University  
Bachelor of Architecture, 1975

### Registration

Registered Architect in PA, WV  
and MD

### Professional Association

American Institute of Architects  
CSI Certified  
National Trust for Historic  
Preservation, Preservation  
Forum Member

Richard has over \_\_\_\_ years of experience with a wide range of building types including new construction and renovations. In addition to serving as a project manager on projects, he has managed the construction administration of jobs ranging in value from \$100,000 to well over \$50,000,000. Richard oversees the construction administration phase of all PWWG projects and personally handles the construction administration for the firms largest and most demanding projects. He also plays a critical role in our quality control process, bringing seasoned field experience to the review of project design and documentation.

### Notable Project Experience:

Oglebay Hall & Ming Hsieh Hall, West Virginia University - 55,000 sf historic renovation and 20,000 new building, LEED  
Information Science & Technology Building, Penn State University - \$50 million academic building  
Uhler Hall, Indiana University of Pennsylvania - academic building for psychology department  
West General Robinson Street Garage, Pittsburgh - 10 story event garage with 1200 spaces  
McKeesport Housing Authority, McKeesport, PA - master planning and design implementation for public housing  
Community Building, Clairton, PA - renovation and addition to community facility for housing development  
Hope VI - Allequippa Terrace, Pittsburgh, PA - planning and apartment design for market rate/public housing

## Anthony Pitassi, AIA

Project Manager **Perfido Weiskopf Wagstaff + Goettel**



### Education

Kent State University  
Bachelor of Architecture, 1989  
University of Pittsburgh  
Bachelor of Arts  
Architectural Studies, 1986

### Registration

Registered Architect in PA

### Professional Associations

American Institute of Architects

Tony Pitassi is a Senior Project Manager with 20 years of experience in a wide range of building types including new construction and renovation. He has extraordinary experience with both corporate and public clients, public agency leaders, and stakeholder groups. He joined PWWG in 1998 and continues to serve as project manager from the initial proposal through design and construction administration phases to project close-out for each project. Project types include a wide spectrum of typologies, size and budgets including multi-family housing, commercial offices, institutional, hospitality, adaptive reuse and historic rehabilitations ranging from \$.5M to \$45M. In addition, he has managed a variety of project delivery methods including, design / bid / build, design-build, GMP and negotiated contracts.

### Notable Project Experience:

College of Fine Arts, Carnegie Mellon University, Pittsburgh – code compliance modifications to historic building  
FORE Systems, Warrendale, PA – corporate campus office buildings No. 5 & 6  
Ericsson, Warrendale, PA – corporate office interiors  
Palace Theatre, Greensburg, PA – additions and renovations of historic theatre, lobby and administrative spaces  
Courtyard by Marriott Hotel, Pittsburgh – adaptive reuse of historic landmark building for 182-room hotel  
Holiday Inn Hotel & Suites, Beckley, WV – 110 room hotel with full service restaurant and indoor pool  
Country Inn & Suites, York, PA – 67 room hotel and indoor pool  
Country Inns & Suites, Gettysburg, PA – 83 room hotel and indoor pool  
Crescent Court Condominiums, Pittsburgh – 36-Unit Condominium with 50-car indoor parking garage  
1660- 1680 Murray Avenue Condominiums, Pittsburgh – 28-Unit Condominium with 44-car indoor parking garage  
Penn's Common Court, Reading, PA – senior housing exterior envelop replacement of failed EIFS system  
Penn State Altoona Community Arts Center Addition, Altoona, PA – dance studio, gallery an scene shop  
Riverview Center, Morgantown, WV – 600 bed student housing high-rise  
Little Sisters of the Poor, Pittsburgh – interior renovations for offices, community activities and apartments  
Operating Engineers Training Facility, New Alexandria, PA - multi-use facility will use "green technologies"



## Brian Channer, P.E.

Senior Structural Engineer **WBCM**

### Education

Lehigh University  
M.S., Civil Engineering, 1974  
Norwich University  
B.S., Civil Engineering, 1972

### Registration

Professional Engineer  
West Virginia, 2003  
Connecticut, 1994  
Maryland, 1980  
Ohio, 1980  
Pennsylvania, 1978

As a Structural Engineer, Mr. Channer has been involved in the analysis and design of new construction as well as existing structures. He has also written computer programs to analyze laboratory test results and to publish these and other results in the form of catalogues or brochures. He is knowledgeable in the use of concrete, masonry, steel and wood materials, as well as in hurricane and seismic design.

### Additional Experience:

Whitney, Bailey, Cox & Magnani, LLP, 2/00 – Present  
Michael Baker, Jr., Inc., 3/85 to 2/00  
Brian Channer Structural Engineers, 5/82 to 3/85  
R.M. Phillips & Associates, 5/78 to 5/82  
Epic Metals Corporation, 5/74 to 5/78

## Michael D. Wuerthele, P.E.

Senior Vice President & Office Manager, Building Structural Department **WBCM**

### Education

Bachelor of Architectural  
Engineering//1983  
Pennsylvania State University

### Registration

PA/Professional Engineer,  
1/22/89  
PE-039329  
NJ/Professional Engineer,  
1/1/95  
GE 38414  
MI/Professional Engineer,  
3/30/99  
43801

Mr. Wuerthele is a Senior Structural Engineer with extensive knowledge of concrete, steel, masonry, and wood design. He has over 25 years of experience in the construction industry including a large portion involving mid to high-rise construction. He also has obtained an in-depth knowledge of prestressed concrete design. Acting as the Structural department manager, he has been able to combine strong leadership qualities with an experience which allows WBCM to provide economical, efficient and effective engineering design solutions.

### Additional Experience:

Whitney, Bailey, Cox & Magnani, LLP, 3/1/99 – Present  
Michael Baker Jr. Inc., 8/17/87 to 2/28/99  
Brockette, Davis, Drake Inc. Consulting Structural Engineers, 8/83 to 8/16/87



## Thomas J. Gorski, P.E.

### Principal & Mechanical Engineering Department Head **Tower Engineering**

#### **Education**

BS, Mechanical Engineering  
Penn State University, 1982

#### **Registration**

PE, Pennsylvania  
PE-040568-E  
PE, West Virginia  
PE-11973  
PE, New York  
NCEES Registration

Mr. Gorski has twenty-six (26) years of experience as a mechanical engineer. His primary responsibilities are the design of HVAC systems and their components for schools, universities, commercial and light industrial office buildings, laboratory buildings, health care facilities and military facilities. He has designed HVAC systems including constant and variable air volume, air handling and exhaust systems; chilled water and hot water systems and steam distribution systems; electric/electronic control, pneumatic control and DDC systems.

Mr. Gorski's design responsibilities include load calculations, equipment selection and system layout, project specifications, cost estimates, direction of the project drafting effort, coordination with architectural and other engineering disciplines, and construction administration. He also performs system analysis and energy studies, maintains client contact, and supervises the engineering effort of the Mechanical Engineering groups.

#### **Additional Experience:**

Bethel Park, Pennsylvania  
New Community Center  
Municipality of Monroeville, Pennsylvania  
New Municipal Center  
Penn Township, Butler County, Pennsylvania  
Penn Township Municipal Buildings Renovation/Addition  
Ross Township, Pennsylvania  
New Municipal Complex  
Marshall Township, Pennsylvania  
Municipal Building Renovation  
Public Works Building Addition/Renovation

## Michael S. Plummer, P.E., C.I.P.E.

### Firm Associate & Plumbing & Fire Protection Engineering Department Head **Tower Engineering**

#### **Education**

Bachelor Mechanical  
Engineering  
Penn State University  
1997

#### **Registration**

PE, Pennsylvania  
PE-062304, 2003  
Certified in Plumbing  
Engineering (CIPE), 1998

With eleven (11) years of experience as a mechanical designer/engineer, Mr. Plummer is primarily responsible for the design of plumbing and fire protection systems and their components for educational, governmental, and commercial buildings.

Mr. Plummer's plumbing/fire protection design responsibilities include performing calculations for hydraulically designed sprinkler systems; designing water supply and pumping systems including fire mains and sizing of fire pumps; design/testing of fire protection and alarm systems; and design of plumbing sewage, gas and water systems. In addition to plumbing/fire protection systems, Mr. Plummer is an experienced HVAC system designer, and performs load calculations, equipment selection and systems layout. His duties include preparation of project specifications, cost estimates, project management, and coordination with architectural and other engineering disciplines.

Mr. Plummer also performs construction administration duties including review of submittals, preparation of punch lists, and field problem solving, as well as supervising the engineering efforts of the Plumbing/Fire Protection Department.

#### **Additional Experience:**

Canaan Valley Institute, Davis, West Virginia  
Headquarters/Educational Building (Design/Build)  
City of Fairmont, Fairmont, West Virginia  
Public Safety Building  
Pennsylvania Army National Guard, Connellsville, Pennsylvania  
New Readiness Center  
Stryker Brigade Combat Team, Cambridge Springs, Pennsylvania  
Readiness Center & OMS  
West Virginia High Technology Consortium, Fairmont, West Virginia  
Base Building & Tenant Fitup for \$13 Million Office Building Complex  
VA Pittsburgh Medical Center, Pittsburgh, Pennsylvania  
Radiology Department Offices



## Stephen J. Kisak, P.E.

Principal & Electronic Engineering Department Head & Senior Project Manager **Tower Engineering**

### Education

Master of Business  
Administration  
Frostburg University  
1997  
BS, Electrical Engineering  
University of Pittsburgh  
1988

### Registration

PE, Pennsylvania  
PE-052645-E  
PE, Virginia  
PE-0402-026204

An electrical designer/engineer for nineteen years, including 3 years as a high voltage electrical designer, Mr. Kisak has provided engineering services for the design of educational facilities, office buildings, college and university facilities, health care, assisted living/nursing homes, and commercial facilities. His primary responsibility is for the preparation of electrical opinions of cost, technical specifications, engineering drawings, field observation, and coordination with architectural and other engineering disciplines.

Mr. Kisak's design responsibilities including lighting layout and fixture selection, including calculations and system coordination studies and calculations; computer rooms and associated support facilities; fire alarm and detection systems; emergency power, public address, audio-visual, security and closed circuit television systems. Additional responsibilities include client contact, field observation, and project management.

### Additional Experience:

Pennsylvania Army National Guard, Connellsville, Pennsylvania  
New Readiness Center  
Stryker Brigade Combat Team, Cambridge Springs, Pennsylvania  
Readiness Center & OMS  
VA Pittsburgh Medical Center, Pittsburgh, Pennsylvania  
Inpatient Pharmacy Renovation  
IMRT and IMRT2 Renovations  
New Parking Garage  
Radiology Dept. Offices  
Parking Garage New Substation  
MSA, Tarentum, PA  
New Electrical Service for Data Center Expansion

## David B. Sharp, P.E.

Branch Manager **Potesta & Associates**

### Education

M.S. Civil Engineering  
West Virginia University, 1995  
B.S. Civil Engineering  
West Virginia University, 1993

### Registration

Registered Professional  
Engineer - West Virginia,  
Pennsylvania, Maryland, &  
Ohio

Involved with many aspects of civil engineering with a special interest in the geotechnical/environmental aspects. Responsibilities have included projects involving Civil Site Design, Geotechnical Design; Solid Waste Management Facility Design including geosynthetic applications; hydrologic, hydraulic design; transportation/highway projects, including geotechnical and right-of-way plans; and municipal water and wastewater projects.

Engineer responsible for performing subsurface investigations, preparation of geotechnical reports, coordinating laboratory analysis programs, providing recommendations for lateral earth pressures, bearing capacities, modulus of subgrade reactions, settlements, and construction specifications for multi-story structures. Foundations considered have included steel H-piles, auger-cast piles, drilled piers, spread footings, and mat foundations.

### Additional Experience:

Miscellaneous Foundation Projects, West Virginia  
Laurita Excavating, Inc., Morgantown, West Virginia  
Miscellaneous Slope Stability Projects, West Virginia & Ohio  
Geotechnical Projects for Department of Transportation, West Virginia  
Materials Testing Laboratory Manager, Validated by the U.S. Army Corps of Engineers for direct supervision



## Dana L. Burns, P.E.

Vice President **Potesta & Associates**

### Education

M.S. Civil Engineering  
West Virginia University, 1979  
B.S. Civil Engineering  
West Virginia University, 1978

### Registration

Professional Engineer - West  
Virginia, Illinois  
OSHA 40-Hour Health and  
Safety Training

Management of design and permitting of civil, environmental, geotechnical, and mining engineering projects. Siting, design and permitting of industrial and municipal waste disposal sites; reclamation of abandoned mine lands; and development of stormwater management plans and groundwater sampling programs. Environmental/reclamation liability assessments. Development of site plans for commercial and industrial facilities including hydrologic and hydraulic analyses. Expert witness testimony.

### Additional Experience:

Management of non-hazardous industrial landfill design project.  
Design, permitting, economic analyses, and preparation of construction bid documents for coal ash/refuse sites.  
Development of reclamation plans for over 60 projects including landslides, mine fires, acid mine drainage, mine subsidence, refuse piles, water supply systems and asbestos abatement.

## Morgan P. Kronk

Principal-in-Charge **Morgan Property & Construction Consultant, Inc.**

### Memberships

Rebecca Residence, Board of  
Directors (Secretary, Executive  
Committee)  
American Institute of Architects  
(Affiliate Member)  
Building Officials & Code  
Administrators (Affiliate  
Member)

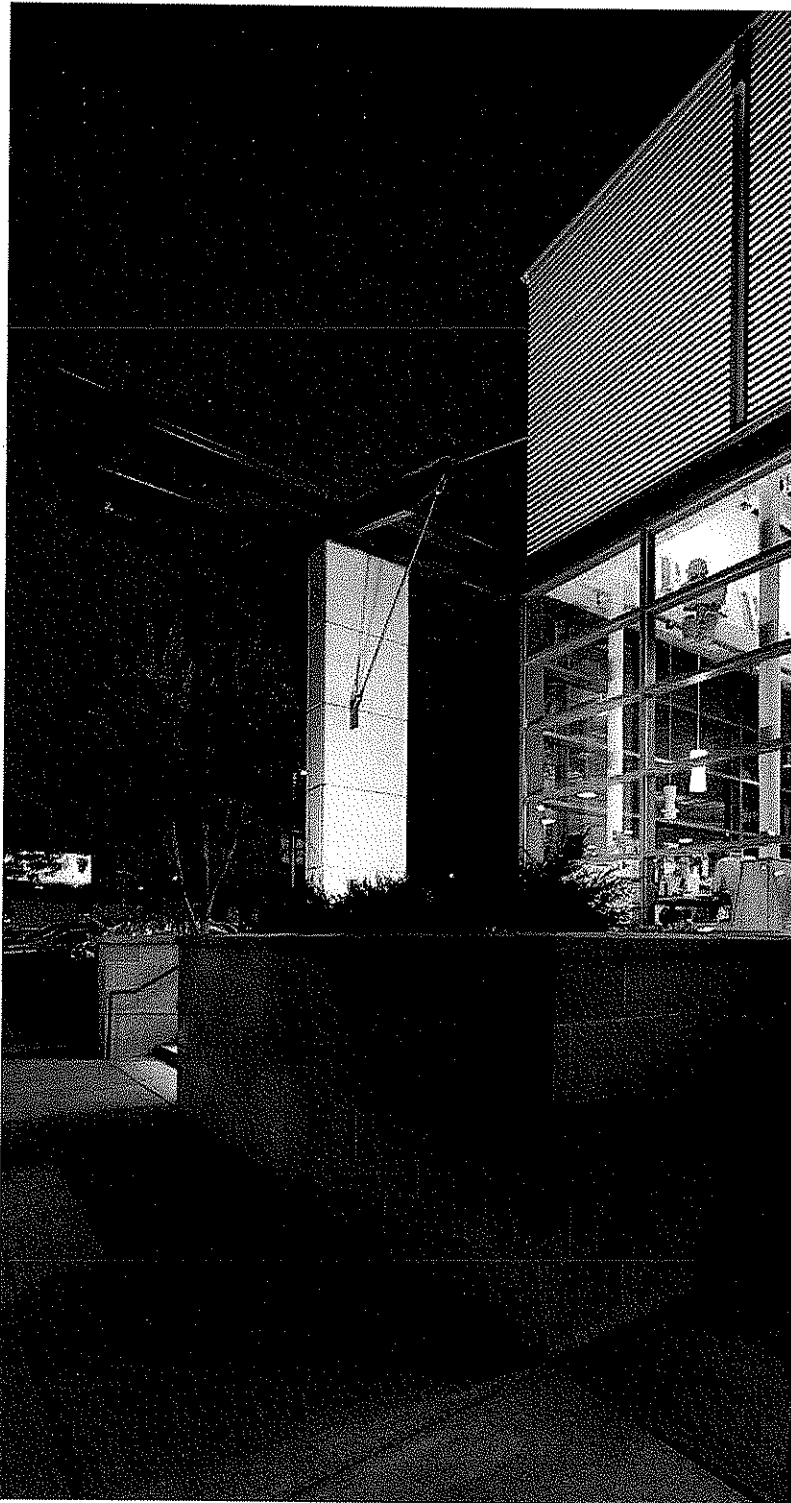
We work to recognize an Owner's or Architect's needs and support those needs by utilizing our knowledge of the construction process, provide ongoing support and creativity, and provide flexible choices as a response to your changing demands and cost associated with a project's timely and successful completion. We will exceed our client's expectations and help create the optimum value of their projects.

### Additional Experience:

Morgan Construction Companies, Robinson Township, PA  
Principal-in-Charge, 1986-2001  
Tedco Construction Corporation, Pittsburgh, PA  
Vice President, 1977-1986  
Massaro Corporation, O'Hara Township, PA  
Field Engineer Estimator, 1975-77  
Michael Baker Corporation, Beaver, PA  
Surveying Party Chief, 1974-75

## References

Perfido Weiskopf Wagstaff + Goettel



### **John West**

Mascaro Construction Company  
1720 Metropolitan Street  
Pittsburgh, PA 15233  
(412) 321-4901  
jwest@mascaroconstruction.com

### **Michael Bell**

West Virginia University  
Oglebay Hall Room 310  
1600 University Ave, PO Box 6121  
Morgantown, WV 26506  
(304) 293-8595

### **Robert Krause**

WV General Services Division  
1900 Kanawha Blvd East  
Building 1, Room MB-60  
Charleston, WV 25305  
(304) 558-9018  
robert.p.krause@wv.gov

SECTION 2

RELEVANT EXPERIENCE

Perfido Weiskopf Wagstaff + Goettel

Whitney Bailey Cox & Magnani, LLC

Tower Engineering

Potesta & Associates



## 2875 West Eighth Street

Brooklyn, New York **Perfido Weiskopf Wagstaff + Goettel**

**Size** 48,000 s.f.

**Construction Cost**

\$ 3.5 Million

**Firm Responsibility**

Master Planning

Architectural Design

Contract Documents

Contract Administration

**Completion Date** 1993

**Client**

Department of Motor Vehicles, State of New York

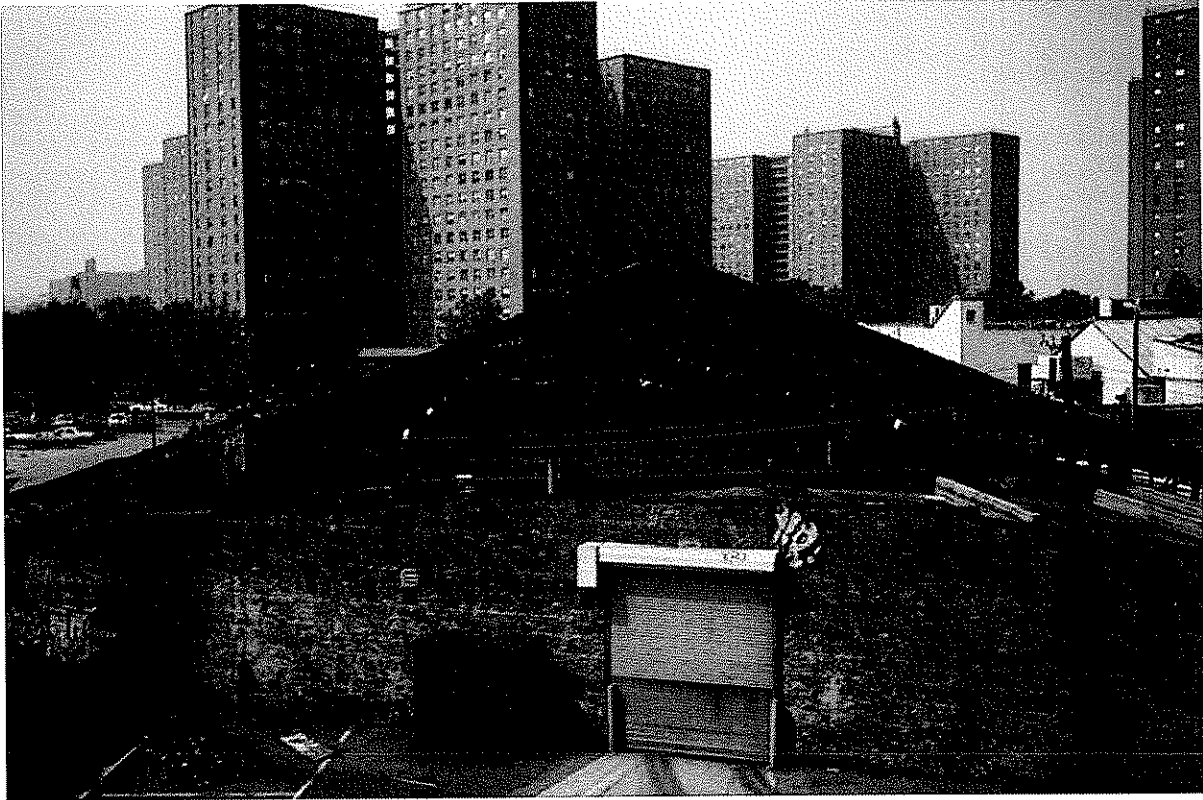


2875 West Eighth Street is a comprehensive renovation and adaptive reuse project to convert a former carousel manufacturing plant situated close to the Coney Island Amusement Park into a Department of Motor Vehicles (DMV) facility for the State of New York. The building contains a District Office where residents come from all DMV transactions, and a Traffic Violations Bureau. The one story building has 48,000 square feet of space of which 40,000 is occupied by DMV, and the balance of the building is leased to other commercial tenants. The project also includes improvements to an existing parking lot adjacent to the building to convert it into a controlled parking lot with revenue parking for transient users of the facility and lease parking for residents of a nearby high-rise apartment complex.

The dominant feature of the existing building is the system of massive clear span steel trusses and girders that create a major interior space of grand proportions, not dissimilar from railroad terminals of the early 20th century. The shape of the truss forms provides a gable roof in the center section reaching 40' high, flanked by two low roof sections of building on the north and south sides. A bank of clerestory windows separates the low roof and high-bay portions of the building.

PWA developed a plan for DMV that allows the entire steel truss structure to remain exposed. By locating smaller offices in the perimeter low roof sections, the high bay is predominantly devoted to queuing areas for patrons utilizing the District Office and Traffic Violations Bureau facilities. Where offices are required within this high-bay space, they have been designed as free-standing partitions without ceilings to allow the entire space to be seen from any point within. The clerestory windows and the gable end walls at both ends of the building have been enclosed with translucent wall panels to bathe the space in daylighting.

A cost effective system of multiple standard rooftop air conditioning units were installed on the low roof sections with ductwork that feeds into the high-bay space. The exposed ducts were coordinated to pass through the open webs of joists, and branch ductwork conforms to the slope of the trusses in order to blend into the entire system of exposed members.



# Morgantown Event Center

Pittsburgh, Pennsylvania **Perfido Weiskopf Wagstaff + Goettel**

## Size

76,200 s.f. Event Center

309 Car Garage

## Construction Cost

\$ 23,000,000

## Firm Responsibility

Programming

Architectural Design

Contract Documents

Contract Administration

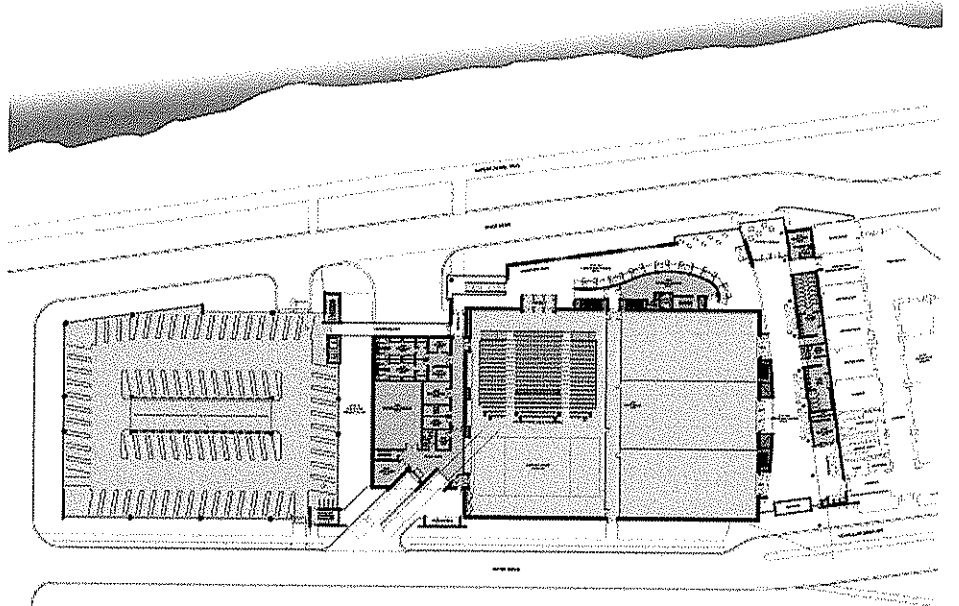
**Completion Date** Unbuilt

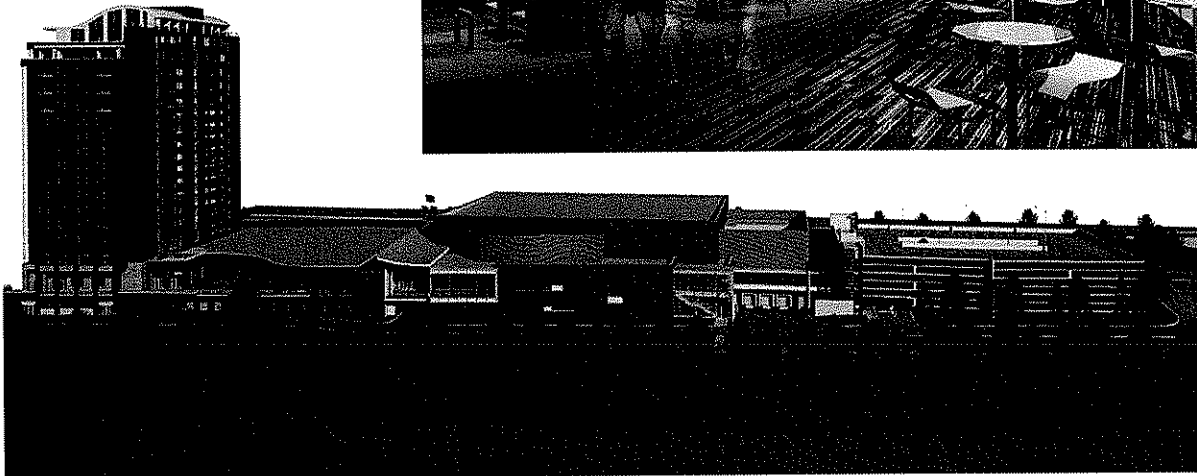
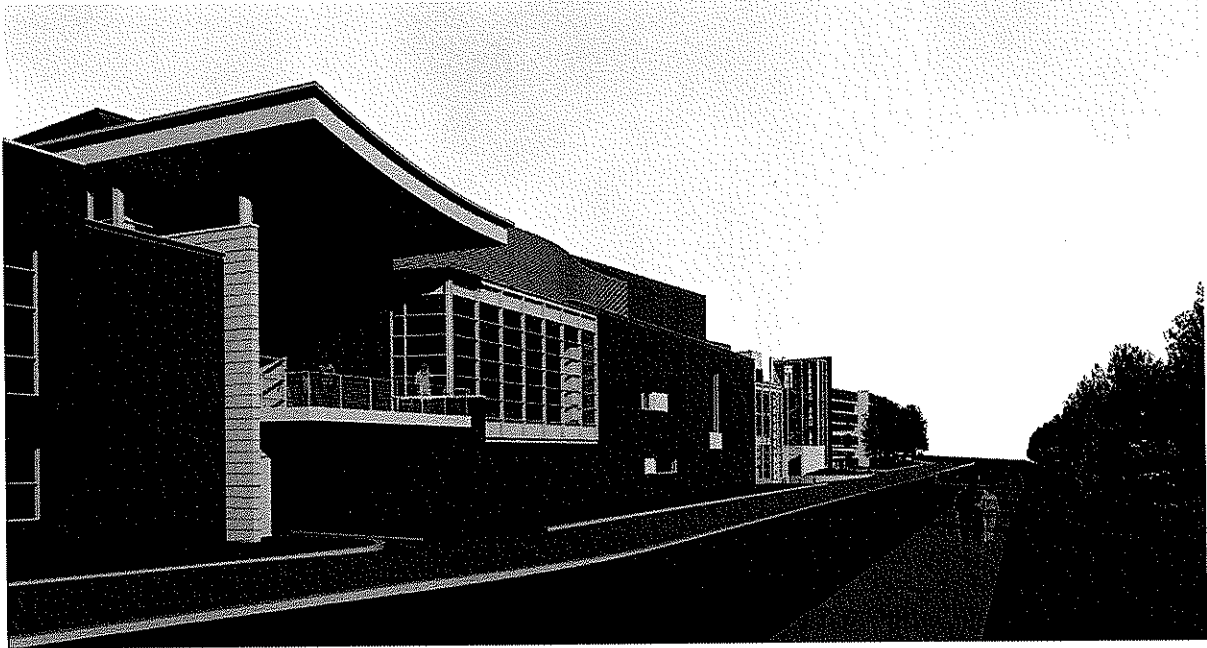
## Client

Massaro Corporation  
(Design/Builder) for the  
City of Morgantown



Approaching from Don Knotts Boulevard, you are greeted by a boldly cantilevered curving roof that marks the entrance to the Event Center. Upon entering the lobby you are presented with a vista down a daylight gallery terminated by a terrace overlooking the Monongahela River. The public lobby is flanked by a registration area and support spaces along the north side and three distinct entrance points into the event space on the south side. The space is articulated by a variety of materials and forms and punctuated by series of double height columns supporting the curving roof. At the west end of the lobby gallery, the lobby space turns south and changes character, becoming a more informal area accommodating varied seating groups. As you move west towards the theater entrance vestibule, you pass by a large glass bay overlooking the river and a curving volume concealing the catering staging area. Here your vista is terminated by a monumental stair descending down to the river trail in a double height glass bay. A balcony overlooking the lower lobby, and looking out towards the lock and dam, leads to a covered walkway connecting to the garage.

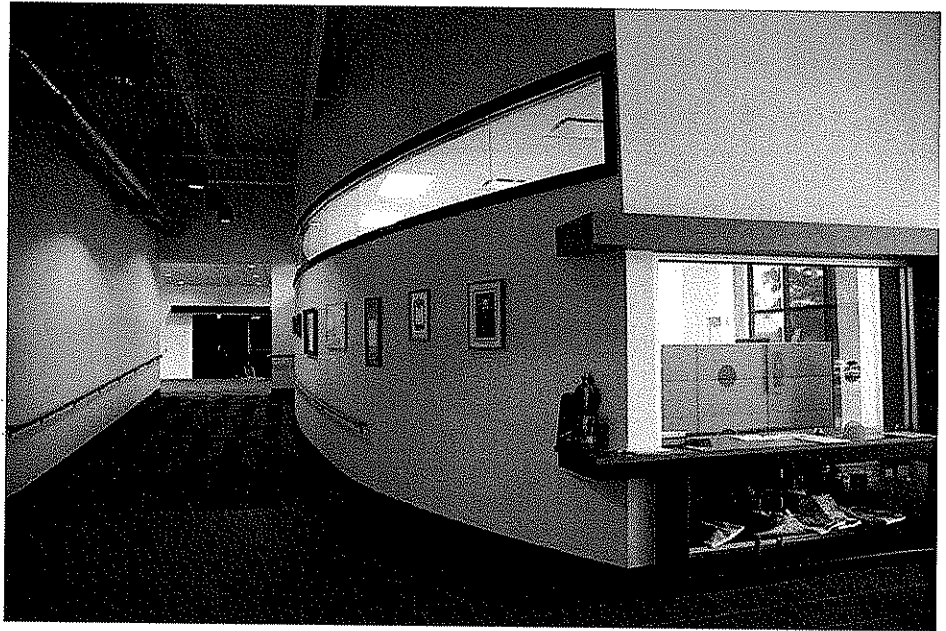




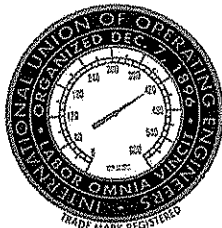
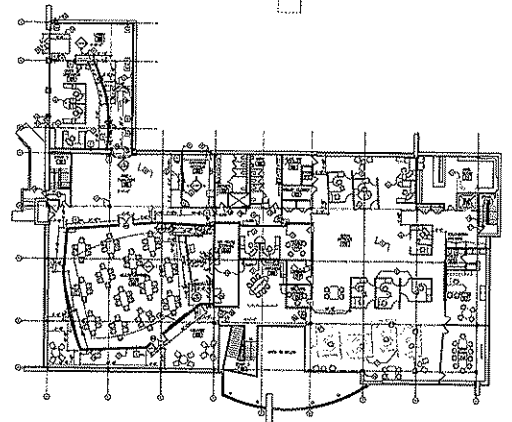
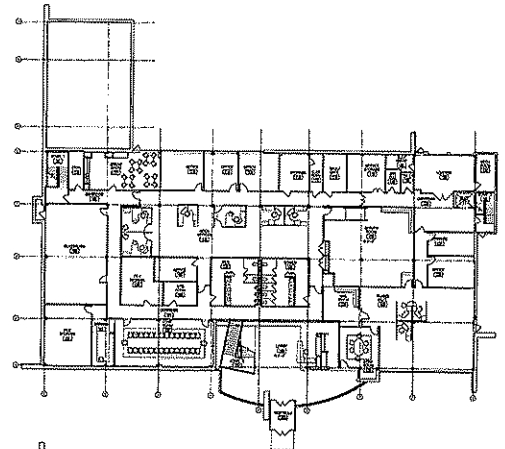
# International Union of Operating Engineers LU Local #66

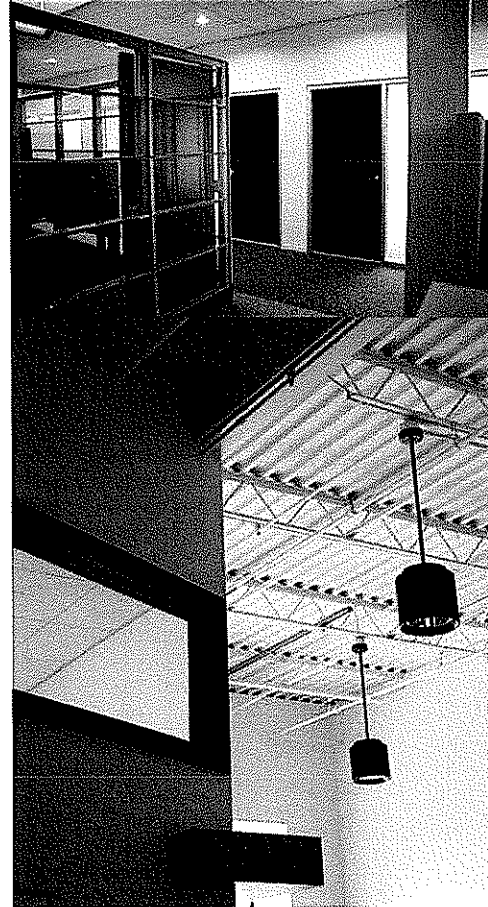
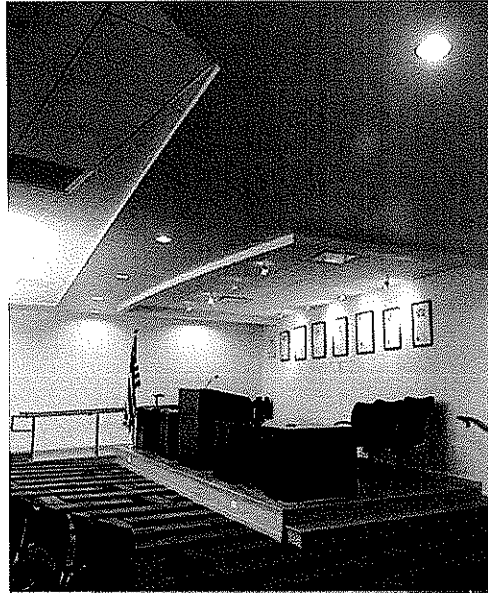
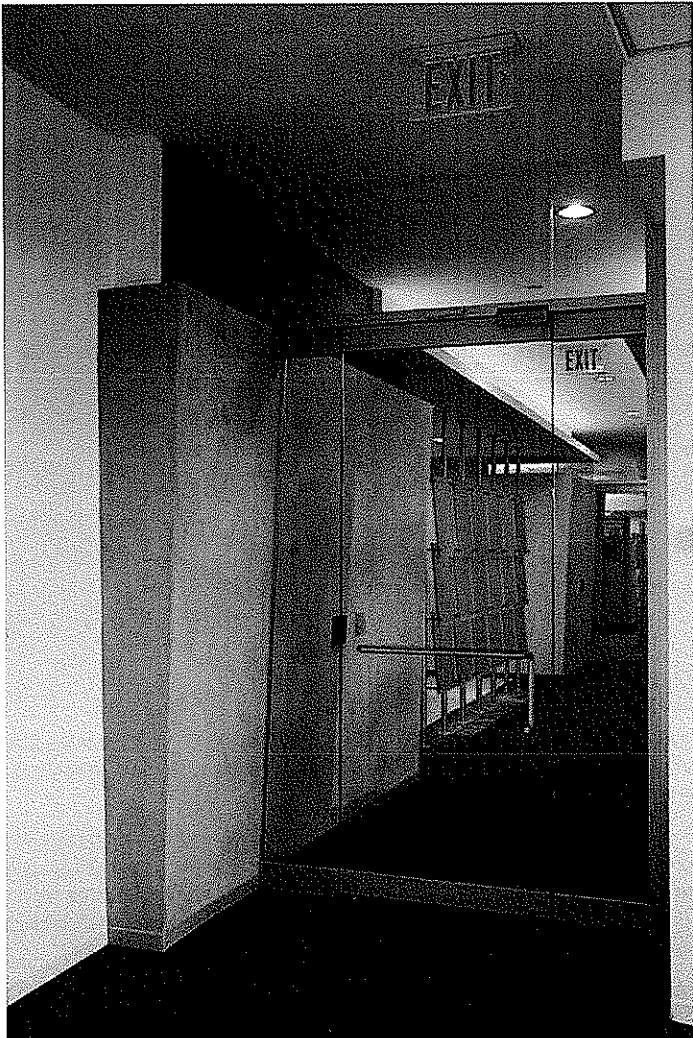
O'Hara Township, Pennsylvania Perfido Weiskopf Wagstaff + Goettel / Mascaro Construction

**Size** 35,000 s.f.  
**Construction Cost**  
\$ 1,000,000  
**Firm Responsibility**  
Programming  
Architectural Design  
Contract Documents  
**Completion Date** 2006  
**Client**  
Mascaro Construction, LP  
(Delivered via a Design-Build  
agreement with Mascaro)



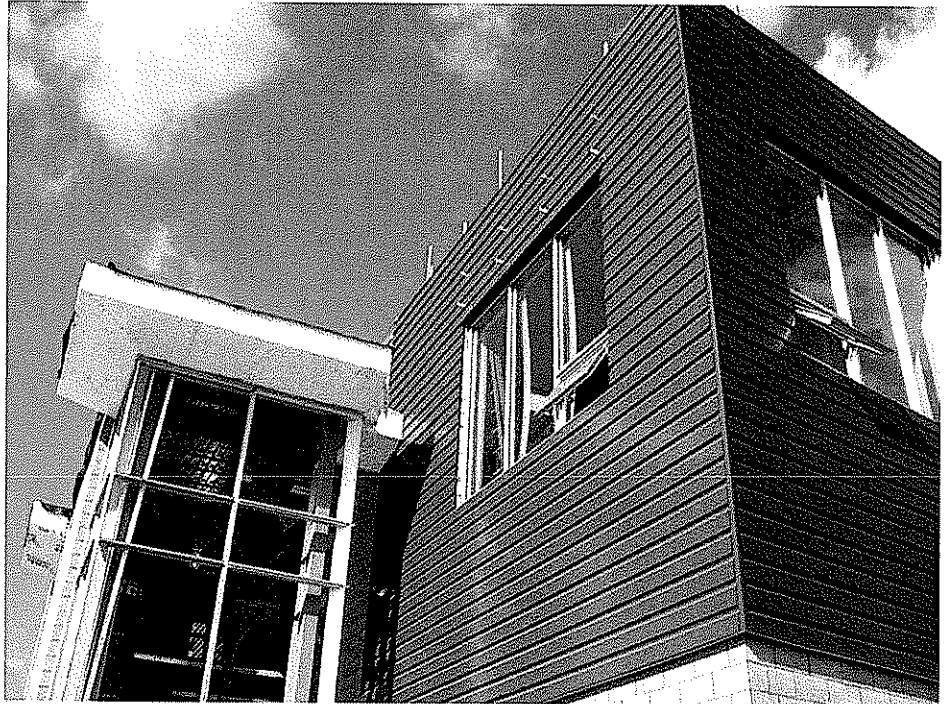
This project involved interior renovations to an existing two-story office building in the Regional Industrial Park in O'Hara Township outside of Pittsburgh, Pennsylvania. The work included the reconfiguring of existing work stations and the creation of new offices, a computer room, conference rooms, and a catering kitchen. A multi-purpose room and pre-function areas were also designed and built, and new signage was developed for the offices.





**Pittsburgh Plumbers Local #27 - Headquarters and Training Center**  
 Pittsburgh, Pennsylvania Perfido Weiskopf Wagstaff + Goettel / Mascaro Construction

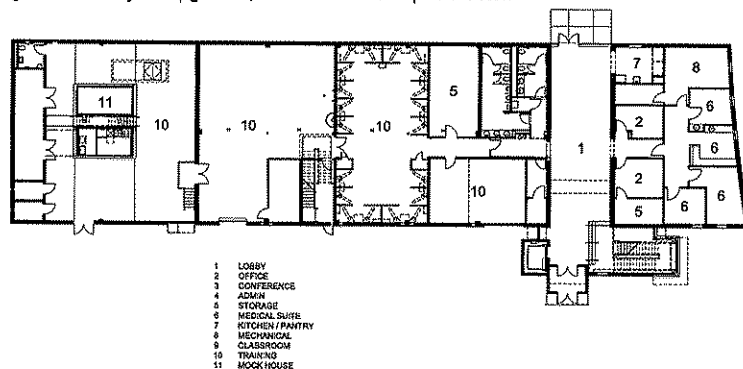
**Size** 25,000 s.f.  
**Construction Cost**  
 \$ 4,200,000  
**Firm Responsibility**  
 Programming  
 Architectural Design  
 Contract Documents  
**Completion Date** 2007  
**Client**  
 Mascaro Construction, LP  
 (Delivered via a Design-Build agreement with Mascaro)  
**Award**  
 Master Builders Assoc.  
 Design-Build Award 2007

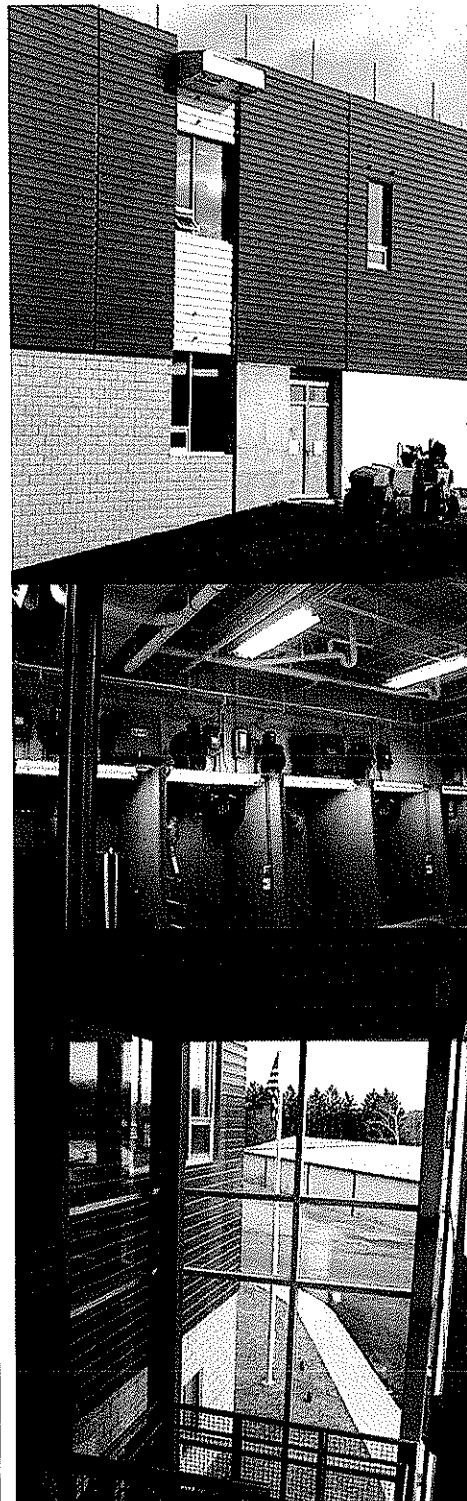


PWWG was faced with a severe space shortage at the existing Pittsburgh Plumbers Local #27 training facility. The existing structure (built in about 1970) was a print shop. The union had adapted it for training non-master journeymen, and apprentice plumbers.

To meet the growing needs of the union, two wings were added - one to the front and one to the rear of the building - and a second floor was added to the new, combined length. In total, 18,255 square feet were added to the original building, bringin it to 25, 070 square feet. Because the original roof was a light frame construction, it was decided to construct the second floor independently. Columns were added to the existing building to accommodate the new space.

The long, narrow site was configured for 70 parking spaces. This was an increase of 25. It accommodates the long, narrow 60-foot-wide building, plus loading areas and a small patio. The headquarters contains training facilities, classrooms, and shops. There is also a column-free, multi-purpose room, and an area with full-scale mock-ups of certain kinds of plumbing construction. Daylight is brought to the building through windows, but also via a large skylight with a cutout down to the first floor. The metal panel skin of the new second floor was meant to give the facility an upgraded, industrial workshop character.



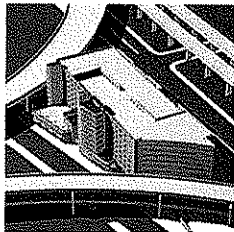
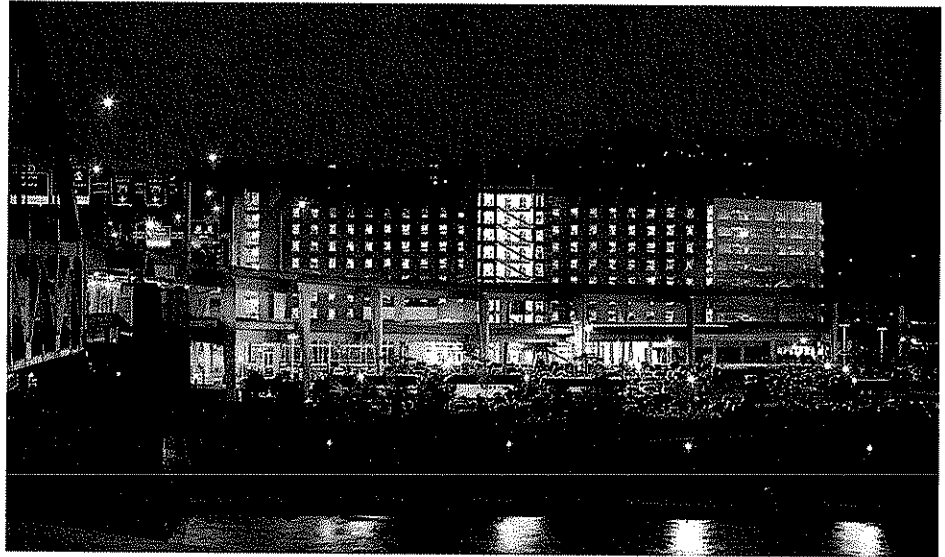




## West General Robinson Street Garage

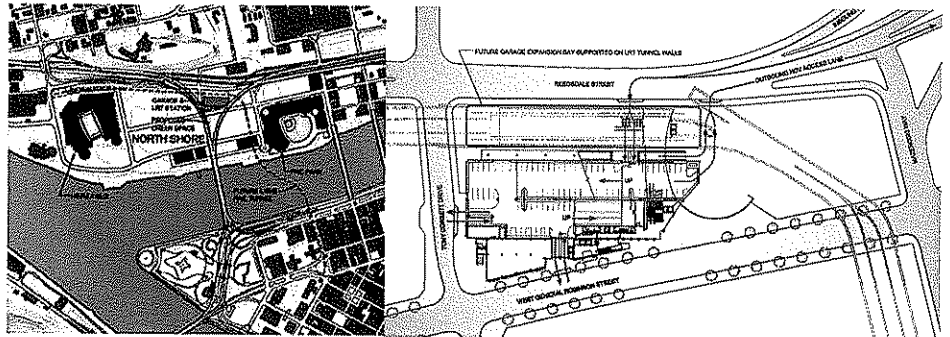
Pittsburgh, Pennsylvania Perfido Weiskopf Wagstaff + Goettel / Walker Parking Consultants Joint Venture

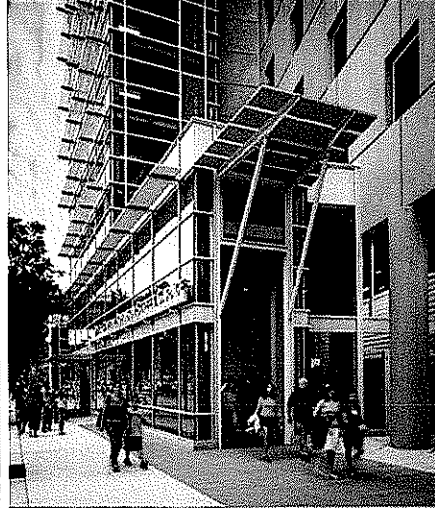
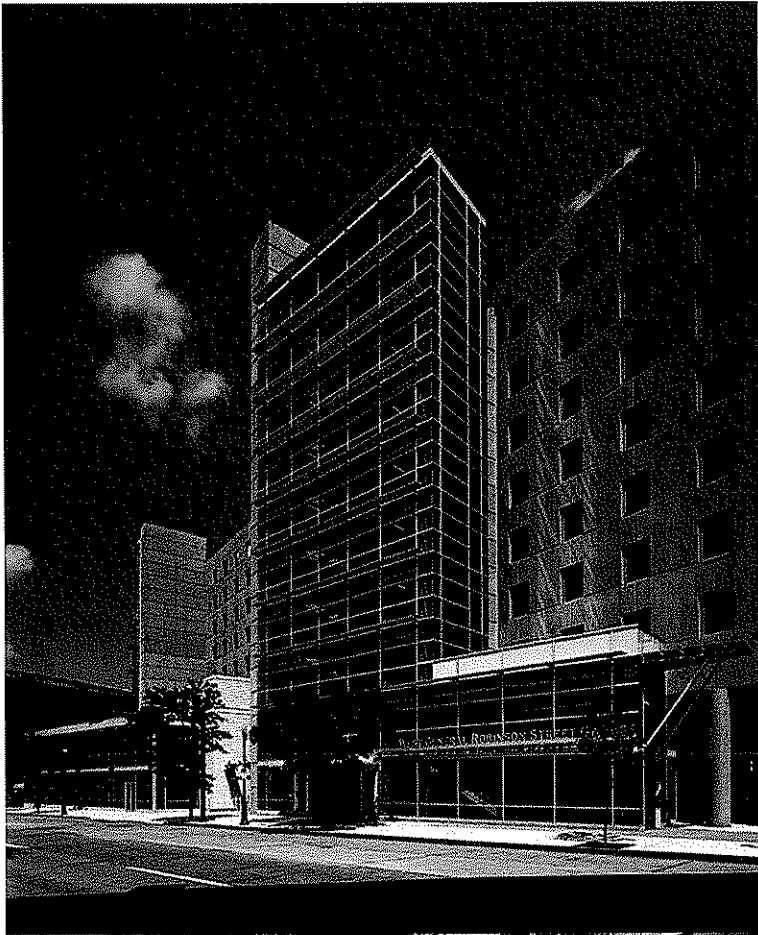
**Size** 400,000 s.f.,  
**Construction Cost**  
\$ 23,000,000  
**Firm Responsibility**  
Programming  
Architectural Design  
Contract Documents  
Contract Administration  
**Completion Date** 2006  
**Client**  
Sports & Exhibition  
Authority of Pittsburgh and  
Allegheny County  
**Award**  
Precast/Prestressed Con-  
crete Institute  
Best Large Garage Design  
Award, 2008



The West General Robinson Street Garage is located in the center of Pittsburgh's North Shore urban redevelopment where it is a short walk from both of Pittsburgh's new sports stadiums, the Pirates' PNC Park, and the Steelers' Heinz Field. The garage accommodates 1,233 cars on ten levels and was designed to serve both events and commuters. To serve stadium event patrons, the garage has a double-thread helix ramp with entrances and exits onto three separate streets. The garage ingress and egress has been coordinated with highway access and surface traffic patterns. Speed ramps on the north side of the parking decks allow rapid egress and a quick connection to the northbound HOV lane. On a daily basis, the garage serves commuters working in the North Shore neighborhood as well as downtown. The garage will become a true inter-modal facility when the underground light rail transit station is completed. The station's entrance will be integrated into the street level of the garage directly adjacent to the main lobby of the garage. As demand for structured parking increases, the design includes provisions for a parking deck extension to be built over, and bearing on, the light rail tunnel.

The design of the garage reconciles and integrates the experience of the building at the macro scale of the urban environment dominated by the large infrastructure of elevated highways, bridges and stadiums and the pedestrian scale experience of walking from one's car to and from an event at one of the stadiums. The building's stair/elevator towers have been pulled out of the volume of the parking deck to animate views of the building for drivers traveling on the surrounding highways, while at the same time offering garage patrons dramatic views of the city's downtown skyline, stadiums and rivers. As patrons move down through the towers they enter a pedestrian streetscape along General Robinson Street where the garage lobby, light rail "T" entrance, and two-story retail space establish a pedestrian scale and activate the street. During events, large overhead doors in the garage lobby are raised to allow a free flow of sporting event crowds up into the over-sized stairs to encourage use of the stairs and reduce the load on the elevators.





## Whole Foods Market

Pittsburgh, Pennsylvania Perfido Weiskopf Wagstaff + Goettel

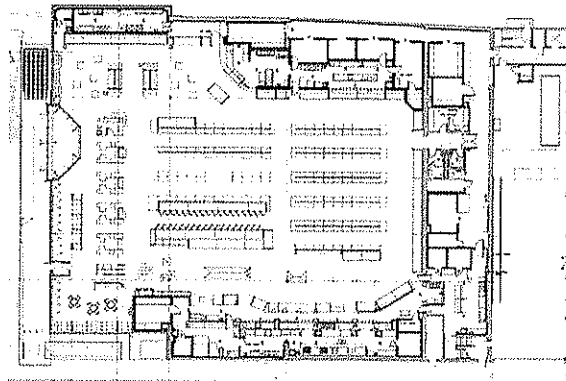
**Size** 24,000 s.f.  
**Construction Cost**  
\$ 2,500,000  
**Firm Responsibility**  
Programming  
Architectural Design  
Contract Documents  
Contract Administration  
Interior Design by  
MV+A Associates  
**Completion Date** 2002  
**Client**  
The Mosites Company  
**Award**  
AIA Pittsburgh Chapter  
Certificate of Merit, 2003

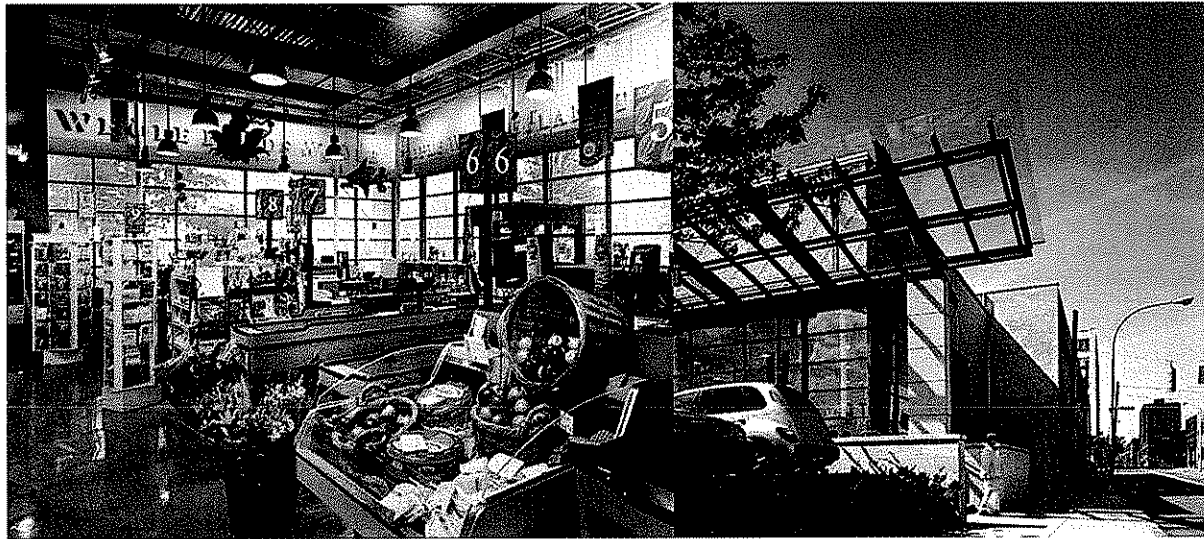


The Whole Foods project is the first piece of a master development plan for Pittsburgh's 20-acre East Liberty business district, and is the anchor of the "EastSide" development. East Liberty was once known as Pittsburgh's "second downtown", but the failed urban renewals of the 1960s left it physically and economically isolated. The Whole Foods project serves as a zipper-development to re-link the redeveloping East Liberty district with the prosperous Shadyside residential and commercial district.

The project is the third incarnation of four early-20th-century buildings with masonry-bearing walls. The original commercial buildings were built independently, and had different floor and roof levels, but were consolidated into one warehouse in the 1970s. The design strategy for the project was to capitalize on the existing "market" environment - the tall spaces, brick walls, and the massive structural elements that would be needed to remove the bearing walls. The exterior corrugated metal, oversized masonry units, glazed canopy structure, and skylight of the "façade addition" further enhance the market environment.

The development team coordinated a significant public-private venture beyond the project, restoring traditional traffic patterns and creating the site access necessary to secure tenant commitments. East Liberty Development, Inc, a non-profit community development corporation, participated as a partner in the project, helping to integrate community design goals with the master planning and project design effort. This market-changing development sets a new benchmark for quality of design and material, truly transforming the East Liberty marketplace and demonstrating that investing in a higher quality product results in a higher value product. This Whole Foods Market has been an unprecedented economic success, and has remained one of the national chain's top-performing stores since its opening.

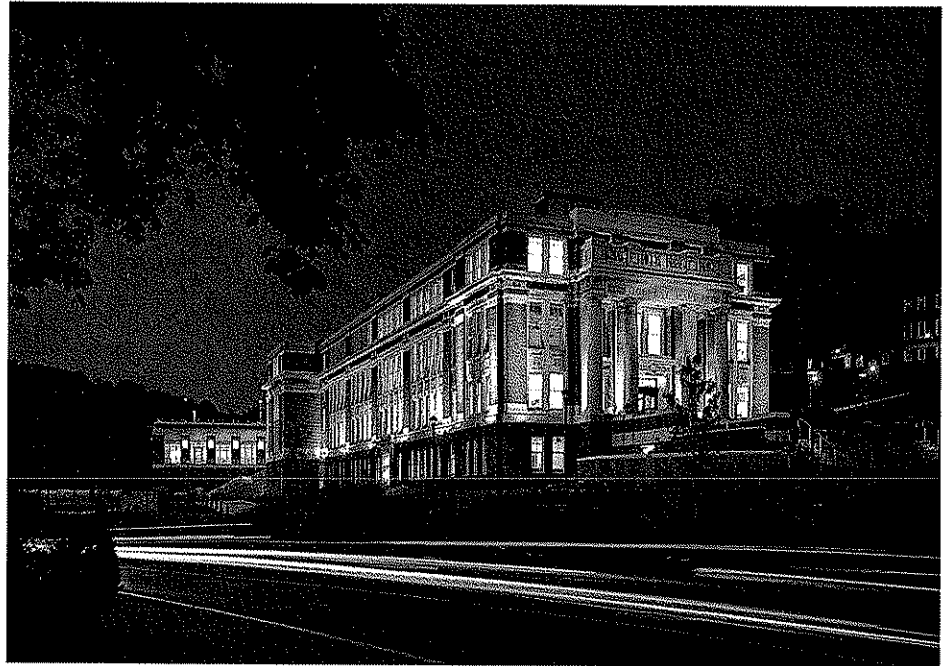




# Oglebay Hall & Ming Hsieh Hall, West Virginia University

Morgantown, West Virginia **Perfido Weiskopf Wagstaff + Goettel**

**Oglebay Hall Size**  
55,000 s.f. renovation  
**Ming Hsieh Hall Size**  
20,000 new building  
**Construction Cost**  
\$ 20,000,000 combined  
**Firm Responsibility**  
Programming  
Architectural Design  
Contract Documents  
Contract Administration  
**Completion Date** 2008  
**Client**  
West Virginia University  
**Certifications**  
National Register Listed  
LEED Certification Pending



## Campus Paths and Places

When classes change, as many as 3000 students are moving through the two buildings and the site. Consequently, the design maximizes ways in and out of both buildings, capitalizing on the slope of the site to create "at grade" entrances at four different levels. Paths are organized to link to the existing patterns of movement, integrating stairs and bridges to navigate the grade changes. Places are provided for students to linger and gather. An oval plaza at the front of Oglebay Hall serves memorial functions for the University and incorporates a mast from the USS West Virginia. A terrace between the buildings becomes an intimate outdoor room with a view.

## Vehicular Access, Conflict and Parking

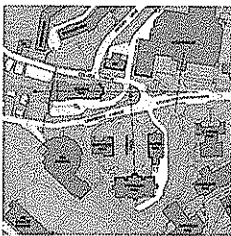
By relocating surface parking to the roof of Ming Hsieh Hall and rerouting the service entrance, fragmented pedestrian paths were stitched together and impervious surface area was reduced despite the construction of a new building. A pedestrian bridge crosses University Avenue alleviating the conflict between students and heavy arterial traffic.

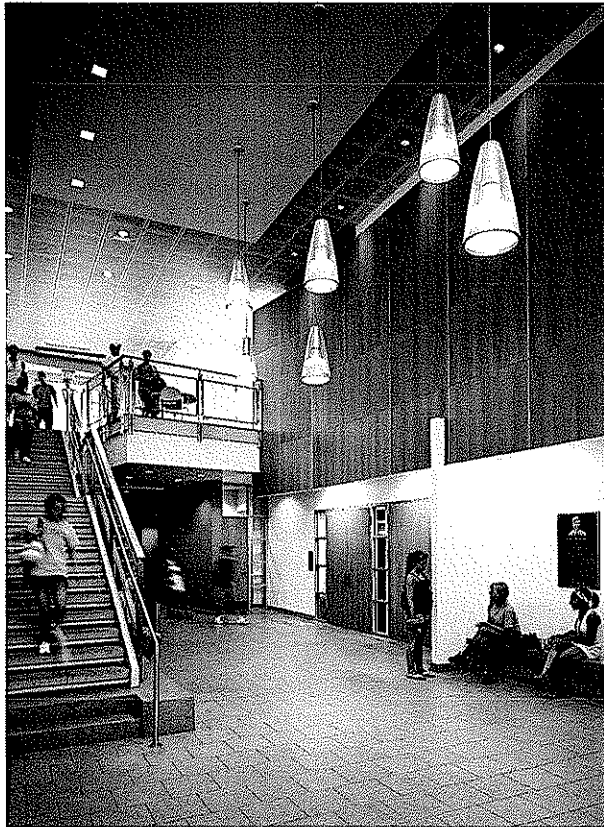
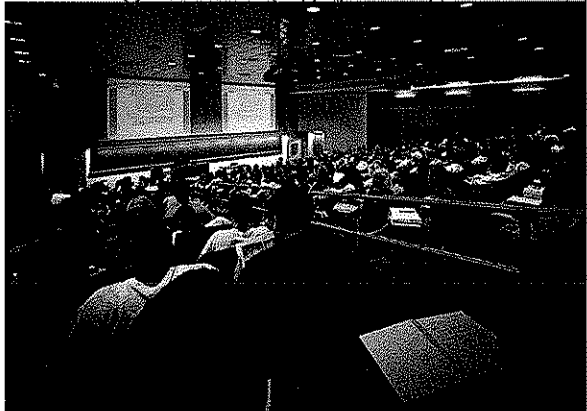
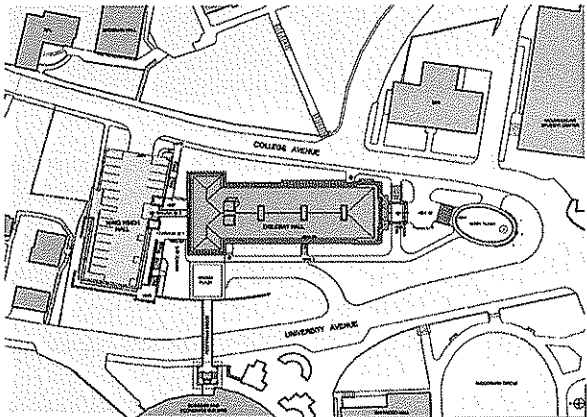
## Oglebay Hall - Historic Rehabilitation

The National Register listed Beaux Arts classroom building was designed by architect Paul Davis and built in 1917. The vacant deteriorated building was stripped to its masonry shell and wood frame structure. The brick, limestone and terra-cotta exterior was restored and the interior was completely refitted with state-of-art classrooms, office and laboratories. The top two floors are now the home of WVU's Forensic and Investigative Science Program and contain high technology labs including Mitochondrial DNA labs. The lower two floors contain a mix of general purpose classrooms, labs and support spaces. Intensive mechanical systems were integrated into the building utilizing the existing attic and ventilation chimneys avoiding any impact on the building exterior.

## Ming Hsieh Hall - Expanded Classroom Capacity

A new classroom building was built to increase capacity for lower level classes in the downtown campus. Ming Hsieh Hall occupies a previously vacant slice of land behind Oglebay Hall with a grade change of over 50' from College Avenue down to University Avenue. The building is organized around a double height gathering space with two large, technology intensive lecture halls built into the hillside. The new building has its own form and identity while at the same time playing a supporting role in the ensemble of new and old.





## West Virginia State Capitol Building #3

Charleston, West Virginia Perfido Weiskopf Wagstaff + Goettel

**Size** 165,000 s.f.  
**Construction Cost**  
\$ 24,000,000  
**Firm Responsibility**  
Programming  
Architectural Design  
Contract Documents  
Contract Administration  
**Completion Date**  
Projected 2010  
**Client Contact**  
David Oliverio  
Dept of General Services  
State of West Virginia



The State Capitol Campus in Charleston, West Virginia consists of seven buildings including the main Capitol Building and Rotunda. The second most prominent building, Building #3, was built in 1950 and designed by the successor firm of the main building, Cass Gilbert Jr. It was intended for the sole use of the Department of Motor Vehicles and was the singular facility for this department, drawing people from across the state. The first floor was designed to handle the large influx of people. Just off its marble clad, main lobby is an equally grand, large bank-like space with a counter and "teller" windows to serve the people.

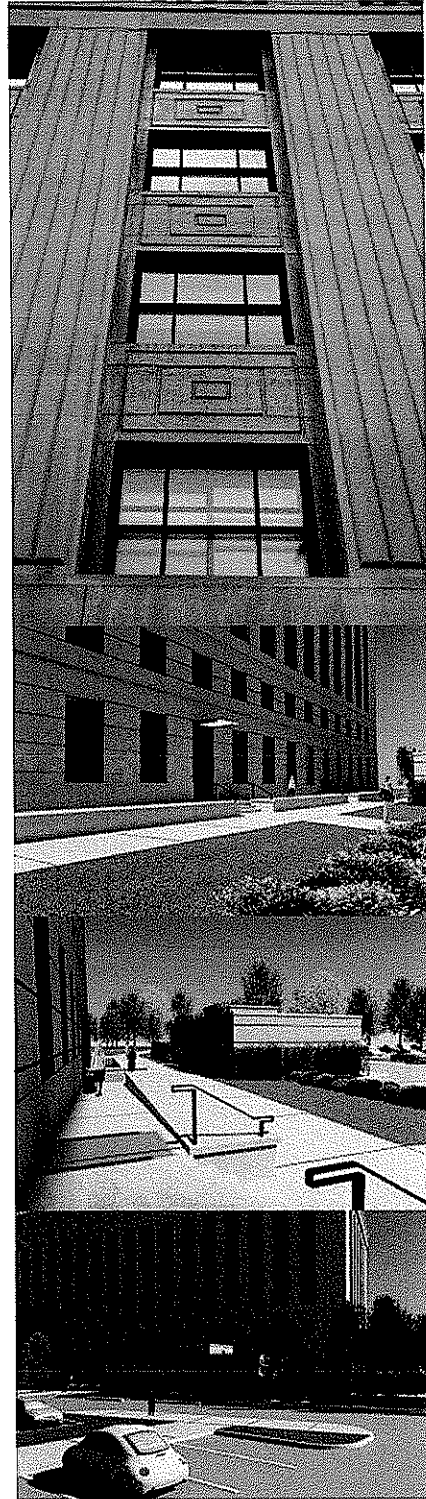
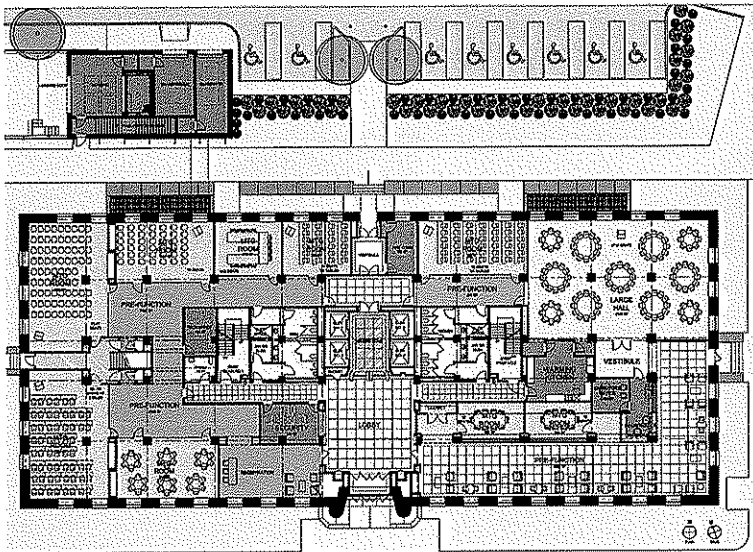
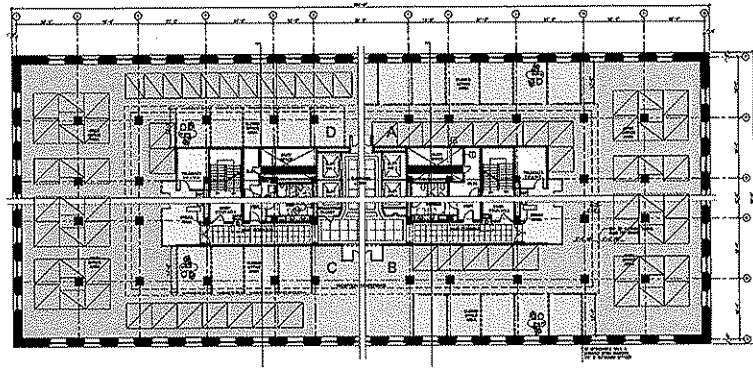
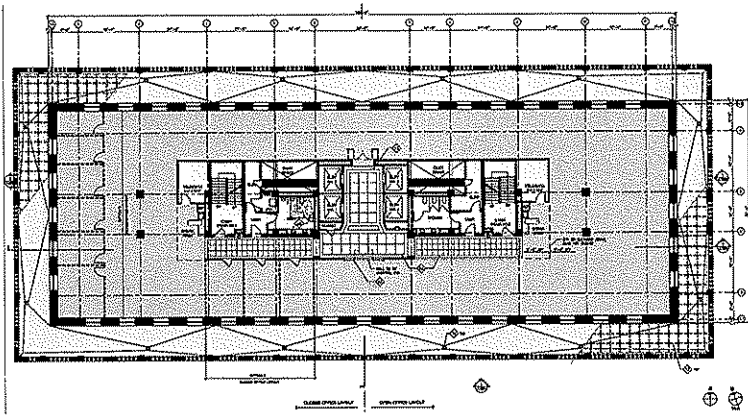
Over the years several other departments have been located in the 8 story building and all original systems have been used beyond expected life and capacity.

The design challenge is to renovate the building so that it can be an office building for the 21st century. This requires extensive demolition on all levels. The building will be taken back to its structural shell and core, while maintaining and restoring the historically important features and spaces. The exterior of the building will also receive extensive restoration. The functional core of the building will be reconfigured to provide new amenities to the building occupants. New utilities including data and telecommunications will be installed.

The planning concept for floors 2 through 8 will provide maximum open office spaces that permit maximum flexibility for the varied departmental needs. Systems furniture will be used to create the varied working group relationships required.

The first floor will house a conference center for the variety of users needing this kind of space in the state capital. A variety of meeting rooms and work spaces will service those who work on the State Capitol Campus as well as those who visit for a single day or extended stay. Individuals will be able to spend time in separate work carrels or small meeting rooms to conduct business while in Charleston. Large meetings, receptions or exhibits will be accommodated as well, including food service.

The building will be LEED certified.

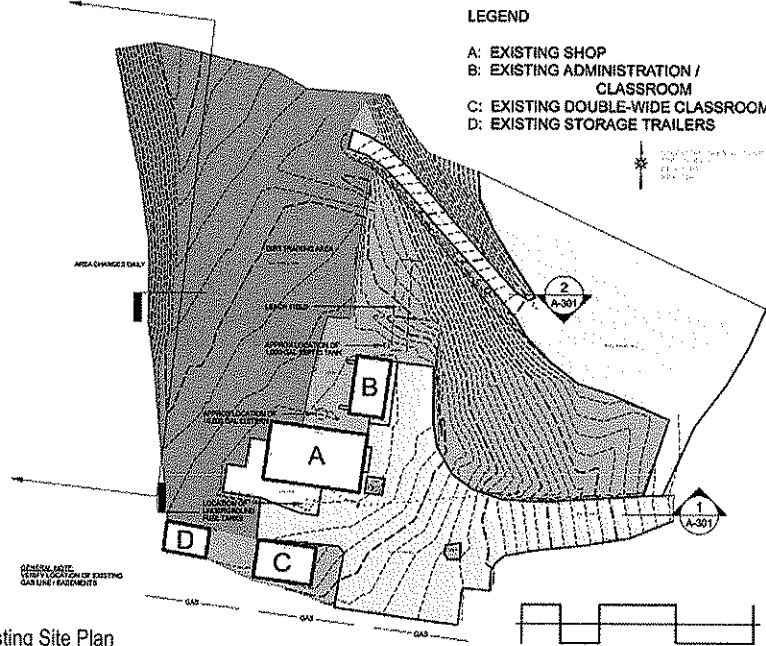




# Operating Engineers Training Facility

New Alexandria, Pennsylvania Perfido Weiskopf Wagstaff + Goettel / Mascaro Construction

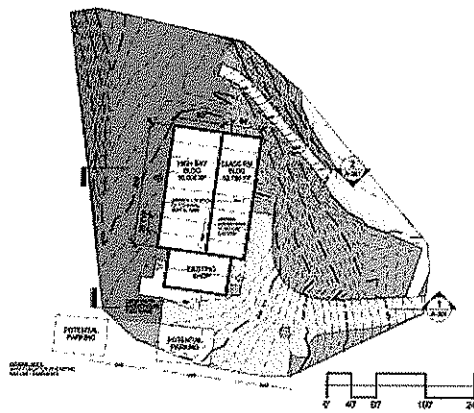
Size 28,000 s.f.  
 Construction Cost \$ 3.5 Million  
 Firm Responsibility Facilities Planning  
 Completion Date April 2009  
 Client Western Pennsylvania Operating Engineers



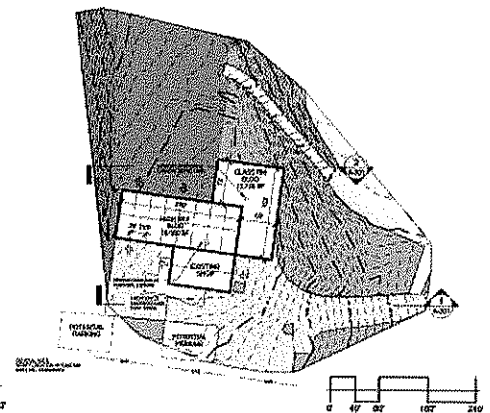
Existing Site Plan

The Operating Engineers Training Facility (OETF) is a multi-use facility located in New Alexandria, Pennsylvania. This 28,000 sf sustainable facility will use "green technologies" to provide a 16,000 sf high bay shop building and a 12,600 sf building for administration and classrooms. PWWG, in partnership with Mascaro Construction, CJL Engineering, Center for Building Performance & Diagnostics, and Strategic Development Solutions, LLC, is developing a conceptual planning study that considers building footprints, orientation, circulation, access, building/land relationships, advanced systems integration, materials, the reuse of existing assets, and the relation to all of these to the needs of the Operating Engineers (OE).

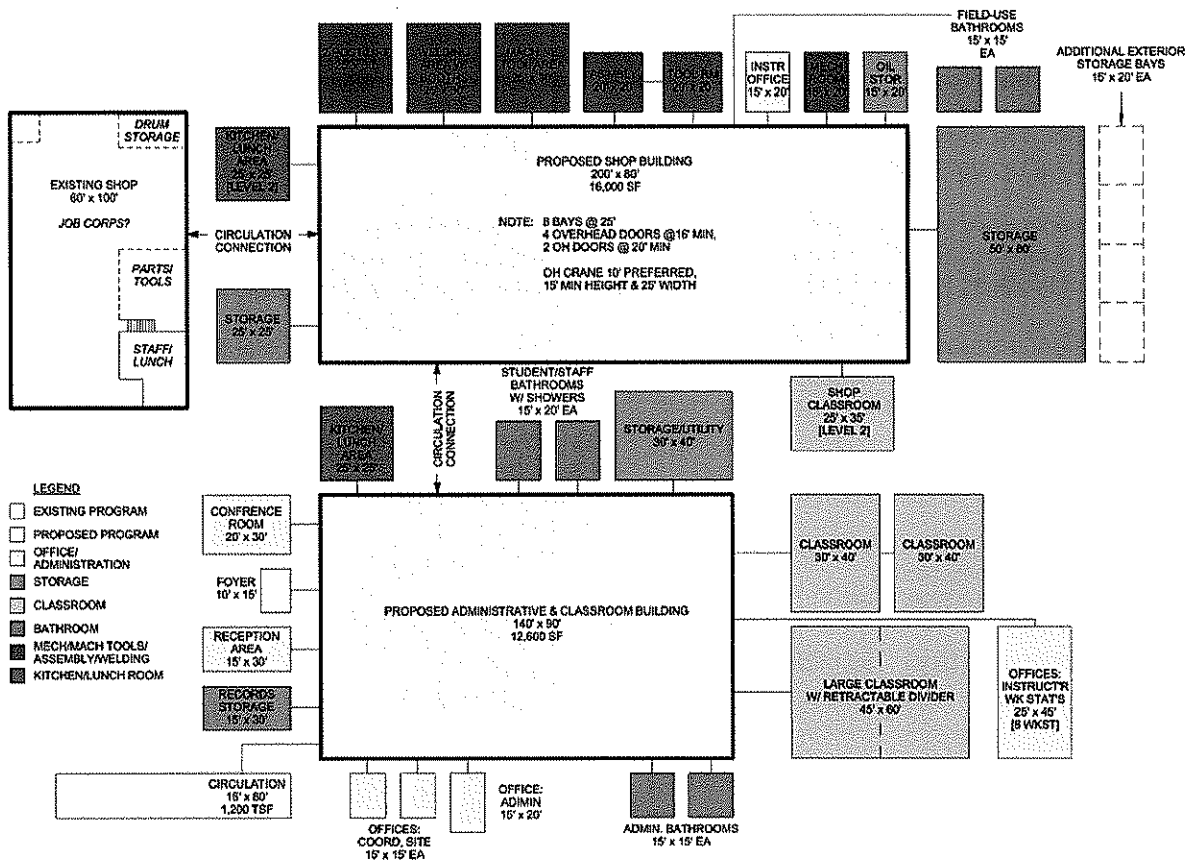
The facility will allow employees and students to work in better proximity to their training field, shop and classrooms. Design strategies include: natural ventilation, daylighting, earth tubes and a grey water system for storm water run-off. Other systems considered are: geo-thermal, solar collectors, wind turbines, earth mounds, radiant heat slab and a waste oil reuse system. The goal is to provide an innovative 'green' model for similar facilities.



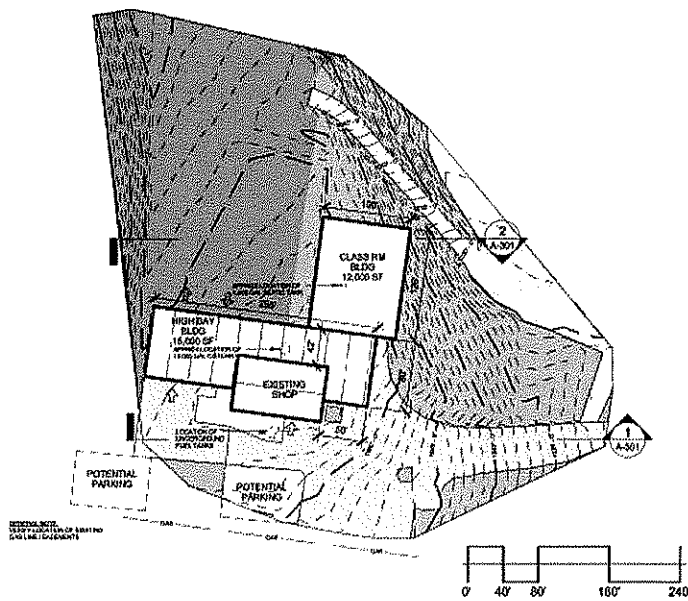
Scheme 1



Scheme 2



Program Diagram



Scheme 3

**NGIC Foreign Munitions Facility**  
*Aberdeen Proving Ground, MD*

2008

**WBCM** provided the structural and civil engineering design services for a new NGIC Foreign Munitions Facility located at Aberdeen Proving Grounds in Harford County, Maryland. The project was a design/built type with a construction cost of \$5 million. The WBCM design team provided all the engineering services included the mechanical, electrical, plumbing, and fire protection which was designed by a sub-consultant. The services provided also included preparing concept design and construction phase support services for the contractor.

The project consisted of a new munitions holding area for vehicle storage, a new 10,000 feet water supply line for domestic and fire suppression, four (4) new munitions storage bunkers and the new 7,000 sft Foreign Munitions building which have offices, locker rooms, storage bays and testing bays.

The design included the newly developed explosion design requirements, state of the art fire suppression and HVAC system and special requirements for explosion resistance requirements for architectural, structural and civil disciplines due to the mission operation and the site location.

**Images are not available for this project due to security issues.**

Owner: Aberdeen Proving Ground DIO  
Jerry Norris  
410-306-1166

Total Construction Cost: \$5 million

2000

**Building 3217 Vehicle Maintenance Facility**  
*Andrews Air Force Base, MD*

**WBCM** provided structural, civil, and surveying services for the additions to Building 3217, the vehicle maintenance facility, at Andrews Air Force Base include a new refueler bay, extension of existing repair bays and shop rooms, and new office space totaling over 2,500 SF. Alterations to the building include conversion of the existing refueler bay to a wash and repair bay, addition of a new mezzanine for storage, new metal fascia panels, and reorganization of internal spaces. Structural work to be performed to facilitate the noted changes include shoring and bracing of existing roof framing, demolition of portions of existing exterior masonry bearing walls, new structural steel framing, new concrete roof plank, and areas of new concrete footings and slab-on-grade.

Due to the nature of materials stored and used in the new refueler bay, a concrete blast wall was designed to separate the new refueler bay from the rest of the structure. The wall is designed to withstand Building Code prescribed blast pressures.

Selective demolition of existing masonry walls is required for new penetrations, installation of new lintels and bearing of new framing. As indicated, shoring and bracing of the existing roof framing is required to allow for the demolition of large areas of the existing exterior masonry bearing walls. New construction materials were designed to match existing. Selective demolition and patching of the existing slab-on-grade will be required to install new plumbing and piping.

Owner: Andrews Air Force Base  
N/A

Total Construction Cost: \$870,000

**LAMP Ship/Air Lab, Testing and Training Facility**  
Patuxent River Naval Air Station, MD

2004

**WBCM** was responsible for the design of a new Light Airborne Multi-Purpose System (LAMPS) Ship/Air Integration Facility to facilitate specialty electronics laboratory sensor testing and training operations. The new 12,000 SF facility simulated ship-board operations and included specialty electronics laboratories, and necessary support and mechanical equipment areas. In addition, a 55-meter high tower/mast with all associated platforms and hardware were installed on the site.

The LAMPS facility was designed to simulate multiple ship platforms in its massing and design with the tower mast dominating the complex. Site development and amenities reflected a visually open and unencumbered site typical of the Naval Air Station. Orientation of the building provided direct visual access to the Chesapeake Bay. The building into a multi-level facility with building evaluations incorporated symmetrical arrangements of architectural features.

The major components of the facility included laboratory spaces, office and open office areas, conference room, equipment rooms, storage space, loading dock area, comfort stations, lounge, and necessary support spaces. The entire facility including parking lots and site access to the building were barrier-free in accordance with UFAS and ADAAG. The design also took into consideration topography, existing vegetation, and natural characteristics of the environs, climate conditions, and prevailing winds at the site. Green Architecture and Sustainable Design principles were also incorporated into this project.

Owner: US Navy, EFA Chesapeake  
Deepika Cheriathundam  
202-685-3082

Total Construction Cost: \$3 million



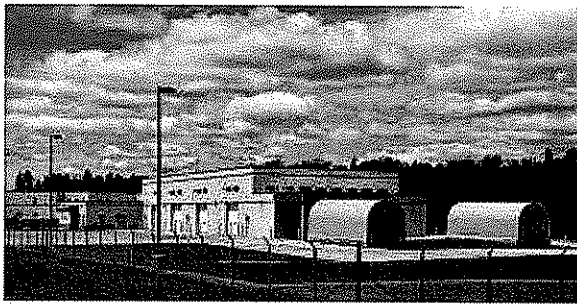
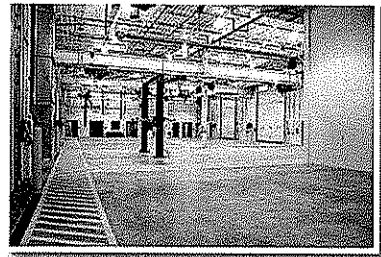
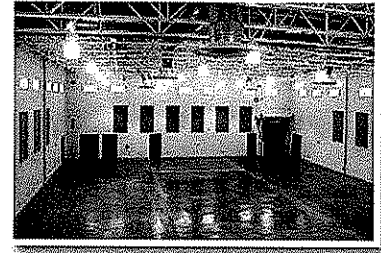
# Project Example

Pennsylvania Army National Guard  
Stryker Brigade Combat Team  
Readiness Center & OMS  
Cambridge Springs, Pennsylvania

Tower Engineering provided engineering services for the design/build of a new 69,900 s.f. Readiness Center and 19,800 s.f. Organizational Maintenance Shop (OMS) for the Stryker Brigade Combat Team. These facilities will provide spaces for training and housing of troops, as well as storage and maintenance of military vehicles and equipment. The center was constructed to replace outdated armories in Erie, Corry and Meadville.

Sustainable design features were included in the design and construction of these facilities, with a goal of a SPiRiT rating of Gold. Design requirements included Anti-Terrorism/Force Protection (AT/FP).

Construction costs were \$19.6 million. This project was completed in 2008.



**TOWER**  
ENGINEERING

115 Evergreen Heights Drive  
Suite 400  
Pittsburgh, Pennsylvania 15229  
Phone (412)931-8888  
Fax (412)939-2525

Facilities for the Armed Forces

# Project Example

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West Virginia Army National Guard  
Armed Forces Reserve Center  
Fairmont, West Virginia

Tower Engineering is currently providing engineering services for the construction of a new \$22 million multipurpose facility to be located in East Fairmont. At 65,000 s.f., the facility will feature an assembly hall, classroom and distance learning center. Other major components include a kitchen/dining area, toilets/showers, administrative, training and storage spaces, and vehicle maintenance.

The project also includes a new multipurpose center that will also serve the city and county as a special events and convention facility.

This project is currently in design.



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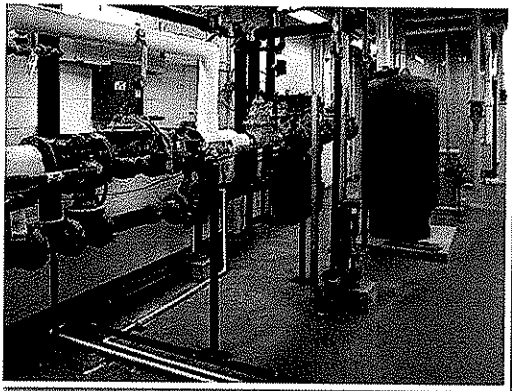
Facilities for the Armed Forces

## Project Example

Pennsylvania National Guard Readiness Center  
Connellsville, Pennsylvania



Tower Engineering recently provided mechanical/electrical engineering services for construction of a new 23,017 square foot armory at the Pennsylvania National Guard Readiness Center in Connellsville, Pennsylvania. This specially designed facility of permanent masonry type construction is constructed of brick and concrete block units with concrete floors, and a metal standing seam roof, including a one-story structure with mechanical and electrical equipment. The building contains offices, drill hall, classrooms, locker rooms, kitchen, toilets, storage, arms vault, Abrams Full-Crew Interactive Simulation Training ALIST Simulation Room, and maintenance training workbays. Cost effective energy conserving features were incorporated into the design, including energy management control systems and high efficiency motors, lighting, and HVAC systems. Construction of this new Armory was completed in 2005. Total construction costs were \$4.1million; mechanical/electrical construction costs were \$1.1 million



**TOWER**  
ENGINEERING

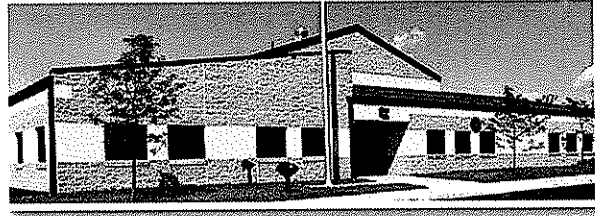
115 Evergreen Heights Drive  
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Fax (412)939-2525

Facilities for the Armed Forces

# Project Example

---

U.S. Army Reserve Centers  
Jane Lew, West Virginia and  
Clarksburg, West Virginia



Tower Engineering provided engineering services for the U.S. Army Reserve Training Center in Jane Lew, West Virginia. The Center provides a suitable facility for weekend and other intermittent training exercises of the Army Reserve. At 7,400 square feet, the facility includes offices, a large Assembly area, a full service Kitchen, Arms Storage, and supporting storage and mechanical areas.

A separate Organizational Maintenance Shop Building (OMS) provides an enclosed garage area for maintenance operations on the various vehicles, an office, and tools and parts storage.

Tower Engineering also provided mechanical and electrical consulting engineering services for the construction of an 16,120 s.f. Training Building and 10,168 s.f. Organizational Maintenance Shop at the U.S. Army Reserve Center in Clarksburg, West Virginia.

These facilities, as well as the buildings at Jane Lew, West Virginia, were designed in accordance with the U.S. Army Corps of Engineers' "Architectural and Engineering Instructions, Design Criteria."



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Facilities for the Armed Forces



*Project Abstract*

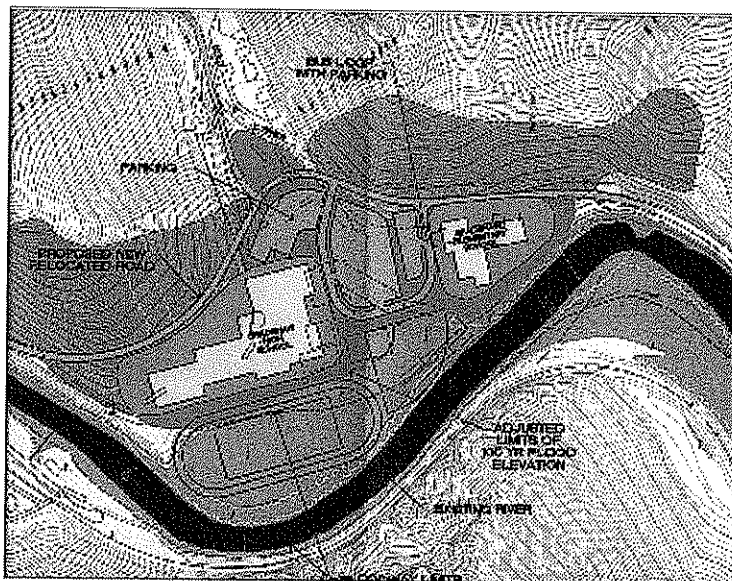
## **NEW ELEMENTARY AND HIGH SCHOOLS** **ZMM, Inc.**

*Bradshaw, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by ZMM, Inc., a Charleston, West Virginia architectural firm whose client, the McDowell County Board of Education, is developing four new schools in McDowell County at a total cost of more than \$50 million. POTESTA's project involves the site design and engineering for a new elementary school and new high school in Bradshaw, WV on the site of an existing elementary school.

Other significant elements of this challenging project will be the demolition of the existing elementary school and other structures in the area, relocation of approximately 2,000 linear feet of West Virginia Route 80, the relocation of approximately 1,000 linear feet of Oozley Branch, and the site development of the two schools, including the site layout of buildings, school access road, bus loop, parking, athletic fields and stadium and playground for the elementary school.

POTESTA will provide flood plain modeling of the site with the proposed development and prepare all the necessary federal and state permits for the site design.



**POTESTA & ASSOCIATES, INC.**

Charleston, WV • Morgantown, WV • Winchester, VA  
(304) 342-1400/[www.potesta.com](http://www.potesta.com)

*Project Abstract*

# **THIRD AVENUE PARKING GARAGE**

## **Marshall University**

### *Huntington, West Virginia*

Potesta & Associates, Inc. (POTESTA) worked under contract to Bastian & Harris, Architects to prepare topographic mapping for the site of a proposed parking garage facility on the campus of Marshall University in Huntington, West Virginia. POTESTA also completed a boundary survey of the various parcels planned for development as well as performing a preliminary geotechnical exploration of the site.

Site mapping development included the location of buried site utilities, limits of WVDOH and City of Huntington right-of-ways and 1 foot topographic contours based on a site ground survey. Collected field survey information was tied to the existing campus coordinate system. POTESTA contacted all the utility providers maintaining utilities at the site to ensure that all existing buried utilities were located. Surveyors then located the utilities for placement and coordination with the final site mapping. In addition to the preparation fo the site mapping, POTESTA surveying personnel also completed a boundary survey of the property. Final plats and deed descriptions were prepared and submitted to the University for their use in finalizing the funding structure of the project.



The geotechnical exploration included the completion of eight subsurface borings to determine the subsurface conditions underlying the site. Several of the borings were completed to refusal on bedrock to allow for the evaluation of deep foundation alternatives. Soil and rock samples were collected from the individual borings and tested to determine strength criteria. A preliminary report indicating the results of the drilling program, as well as the results of the laboratory analyses, was prepared.

**POTESTA & ASSOCIATES, INC.**  
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(304) 342-1400/www.potesta.com

*Project Abstract*

# TRAP HILL MIDDLE SCHOOL

## SEM Partners

*Daniels, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by SEM Partners, the architect for the new school, to provide environmental review, survey, site design and engineering for the school site. Analysis indicated there were wetlands on the property. After delineation by POTESTA and review by the West Virginia Department of Environmental Protection (WVDEP), it was concluded that the loss was insufficient to trigger further permitting and mitigation.

POTESTA prepared construction documents for the site development,



including layout for roads, parking and adjoining play/field spaces, grading plan and site utilities. The sewer line required an on-site lift station, as well as coordination with CSX Transportation for both sewer and gas line crossings.

Sewer design was coordinated with the local public service district and the school's access road and bus loop were designated to meet WVDOH requirements for accepting the road into the state's system. POTESTA also prepared the WVDEP NPDES permit for sediment and erosion control.

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(304) 342-1400/[www.potesta.com](http://www.potesta.com)

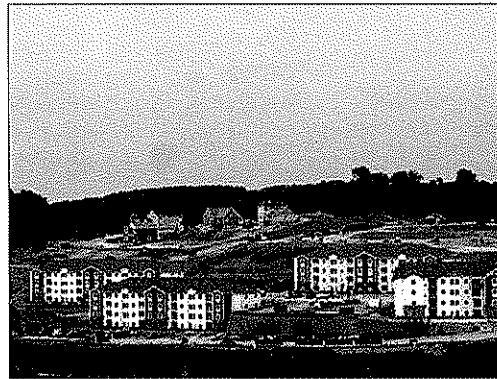
# **WEST RUN STUDENT HOUSING**

## **West Run Student Housing Associates, Inc.**

### ***Morgantown, West Virginia***

Potesta & Associates, Inc. (POTESTA) was retained by West Run Student Housing Associates, Inc. of Pittsburgh, Pennsylvania to provide environmental consulting services as well as civil and geotechnical engineering for the West Run Student Housing project located at Morgantown, West Virginia. This proved to be a complex grading/site design project, as it involved 944 student beds in 17 buildings and more than 1,000 parking spaces, plus a clubhouse and basketball courts.

The site is approximately 20 acres in size and most of the property is on a natural 20 percent slope. POTESTA's services included roadway design and permitting, including upgrade of approximately 1/4 mile of a county road; storm water management and permitting, including conveyance systems, a storm water management pond and erosion and sediment control; and site design, including building placement and conceptual design of more than 50,000 square feet of segmental retaining walls. The site also includes a reinforced soil slope that reaches more than 35 feet in height and is more than 800 feet in length.



Other project services performed by POTESTA included a Phase I Environmental Site Assessment, and evaluation of a coal seam located on the property, geotechnical drilling and recommendations, an ALTA survey, preparation of contract and bidding documents, and construction administration.

The project design was completed on an accelerated schedule to allow the developer to secure financing and begin construction within a few months after receiving a purchase option on the project. The construction phase of the project has been sequenced to allow for occupancy of the first seven buildings within eight months after the contractor received notice to proceed.

The first phase of the project is to be completed in 2007, while the anticipated completion date is 2008.

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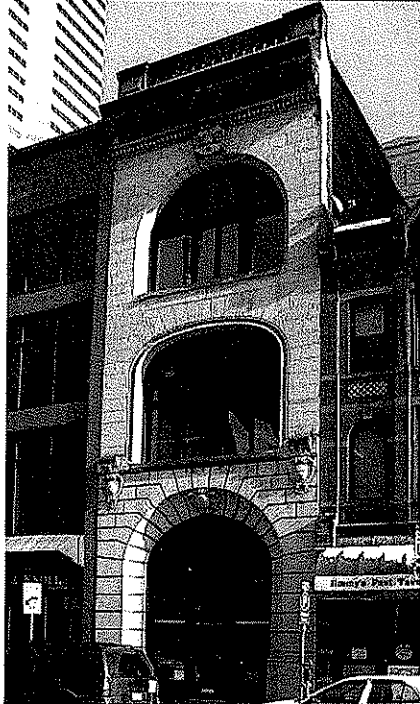


SECTION 3  
OUR APPROACH

Integrated Design  
Quality Control  
Cost Control  
Technology  
Sustainable Design

## About

Perfido Weiskopf Wagstaff + Goettel



We are a design firm practicing architecture, planning, and urban design. We were founded in 1975 by Leonard Perfido, now Emeritus. Today we are led by three Principals; Alan Weiskopf, AIA, Sheldon Goettel, AIA, and Kevin Wagstaff, AIA. The full staff includes 9 Registered Architects, 8 Graduate Intern Architects, and 5 business support professionals.

In more than 30 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, theatres, galleries, stores, and parking structures. Repeat clients include private businesses, institutions, public/private partnerships, and government.

Our work is guided by 3 principles:

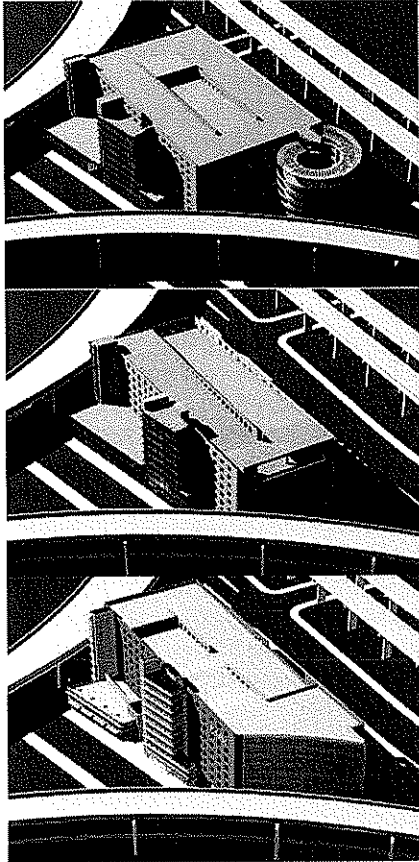
**Form-making** - We begin with the owner's needs and goals, the project and building type, and the surrounding context. Within these variables we find compelling reasons for some buildings to be contemporary, others traditional, and we work in many styles. What we find constant is the need to bring 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. We are equipped with state-of-the-art technology, utilizing networked PCs, and we are continually improving that technology in synchrony with new innovations in hardware and software. Depending on client need, the firm can use 'Building Information Modeling' (BIM) design tools, via *Revit* software, or the more traditional *AutoCad* software. In either case we use 3-dimensional modeling as a design tool, and we prepare photo-realistic images and virtual tours of design proposals.

## Integrated Design



West General Robinson Street Garage, Pittsburgh, PA  
"Exploration" of Design Options using 3D Modeling

For a project to truly be successful, it must realize the collaborative vision of a diverse group of constituents. The architect must assemble a team that embodies as much of the constituent group as possible, combine it with the architectural design team and conduct a process in an open and inclusive manner that enfranchises all of the participants with an "ownership" stake in the project. The architect serves as the facilitator and interpreter, but the collective team is the real decision maker.

Our philosophy recognizes the fact that we must explore alternatives, openly and without bias, in order to evaluate how different solutions to the problem respond to each of the project objectives. No one solution will achieve all the objectives perfectly and fair evaluation and prioritization of the merits of each approach are instrumental in deriving the best overall solution.

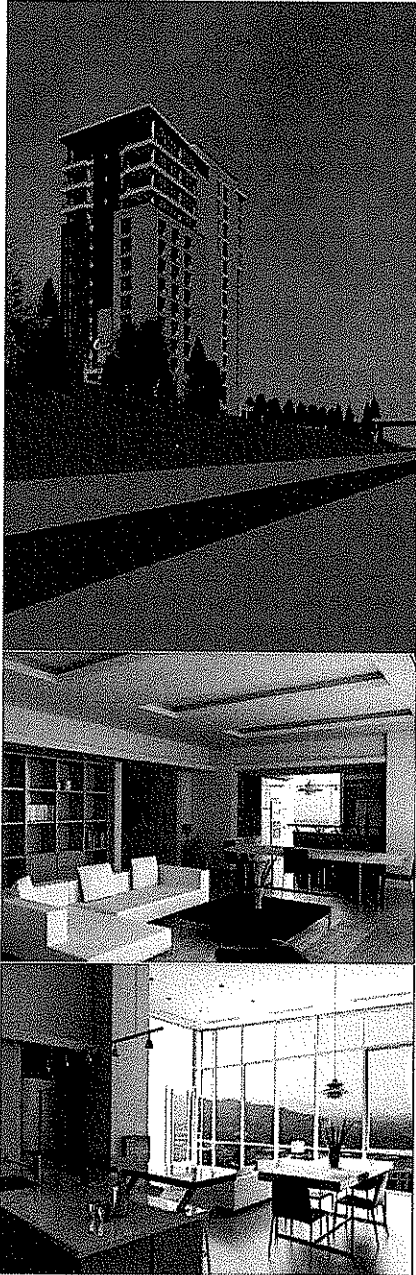
Over our 30+ years of practice, PWWG has developed an integrated design process that supports our philosophy and is focused on achieving consensus on the design, translating that design into a high quality set of contract documents, and providing construction administration services that serve the best interests of the client.

While the term "Integrated Design" has been specifically associated with green-building, it actually reflects a rational, balanced approach to achieving the maximum number of objectives in any design project. Integrated design is a highly collaborative approach to design that is truly inclusive of all the disciplines that can influence the design of the project. It replaces the outdated sequential approach where the architect develops the idea and passes it on to other disciplines to make it work, with a team approach where each discipline contributes to the creation of the concept by contributing valuable insights before the project gets "locked" into a single solution. The architect still serves as the creative leader of the team, but in integrated design, the architect is also a facilitator to produce an atmosphere where all team members have an opportunity to contribute.

The process continues to evolve over time, and is tailored to the organizational structure of each particular client. It generally is composed of the following steps:



## Integrated Design



Indigo Hotel and Condominium CAD Visualization

### Listening and Understanding

We begin each project with an intensive process of information gathering focused on two aspects of the project – the client organization and the physical site/building. Listening to the client includes getting to know the culture of the client organization; understanding their specific needs, preferences and standards; learning from their past experiences including similar projects that may serve as precedents or prototypes; and clearly and accurately developing and documenting the project program. Understanding the physical site involves spending time at the site, and/or building, to understand how to work with and enhance the assets and overcome the deficiencies. It also means gathering all the necessary technical data including any master plans, zoning, easements, environmental and soils reports, and site utilities.

### Exploration

After listening and understanding, comes exploration, PWWG utilizes a process of open-minded exploration that is designed to rapidly identify pertinent ideas and alternatives for comment and critique, both within the design team and in multiple meetings with the stakeholders. We use computer generated 3D modeling in conjunction with physical scale models to study and present alternatives in a medium that is immediately accessible and understandable to all concerned. Alternatives include such issues as the configuration of space and functions within the building, potential expansion flexibility, and cost criteria, including first costs and operating costs. The goal of this exploration is to insure that we have identified the best options and we can confidently reach a consensus regarding the best approach. Use of the Integrated Design process insures that alternatives are evaluated not just on their architectural merits, but in their totality with respect to engineering, sustainability, and constructability.

### Creation

Once a single design concept is selected, the building design is developed in detail. The Integrated Design process, involving a more rigorous design approach with more meetings, decisions, research and documentation helps insure that the end result is a design that is responsive to the program, climate, context, construction limitations, life expectancy and maintenance requirements. PWWG maintains a detailed manual of office procedures addressing among other things, drawing standards and a Quality Assurance/Quality Control program. Our drawings standards strive to achieve consistency in the documents produced at PWWG and an adherence to recognized national standards.

## Quality Assurance and Control

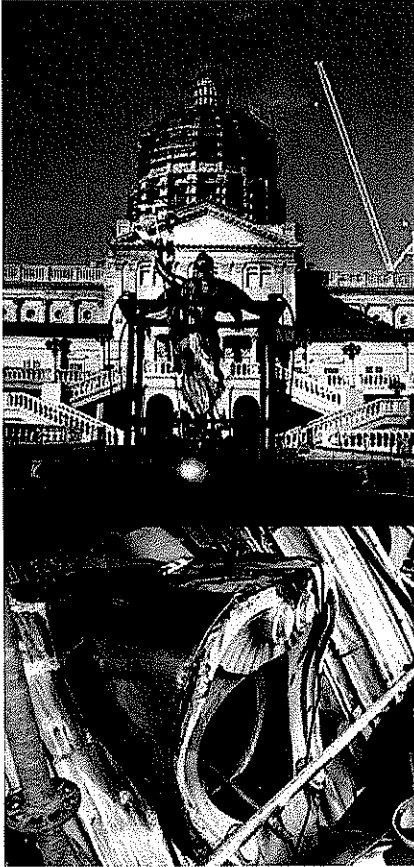
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### Quality Control and Quality Assurance

The quality Assurance/Quality Control program has the following objectives:

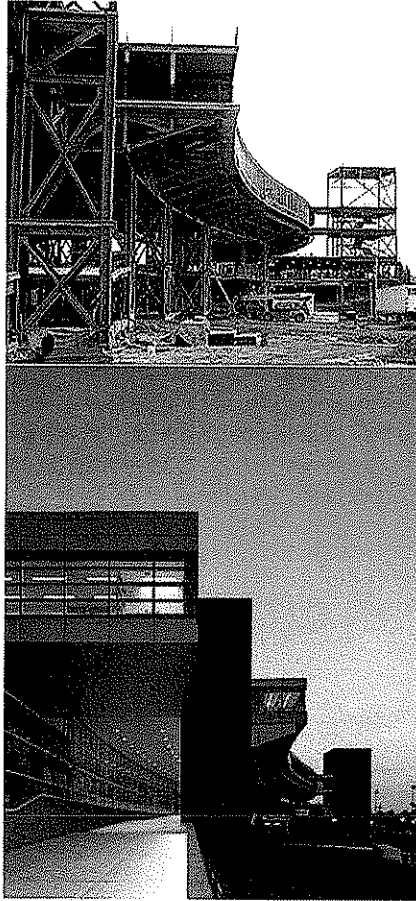
- Consistent, accurate and complete documents;
- Full coordination among the architect and all consultants;
- Full coordination of drawings and specifications; and
- Compliance with applicable codes and design criteria

We differentiate between Quality Assurance and Quality Control in the following manner; QA is about getting it right the first time and QC is independent checks to verify the QA is working. Our document standards for QA are focused on a clear understanding of the roles of each member of the team. In addition to understanding their own role, the members question each other to make certain that they have the information to do their jobs. On the other hand, QC is a series of procedures, including regular internal reviews and peer reviews of the drawings and specifications. In effect, it is a check of the QA process.



Pennsylvania Capitol Building Restoration

## Schedule and Cost Control



Information Sciences and Technology Building,  
Penn State University

Schedule and cost control begin immediately and are 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.

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%. If a CM is involved, we typically have an open book review with the CM during a reconciliation process at the 100% CD level, targeted toward achieving consensus among the team members on the cost for the project.

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 production schedule. We believe that the key to schedule maintenance is the establishment of standing team meetings, similar to construction job conferences and often occurring twice a month, in which firm but realistic milestones are established. At every point in the project, there is always a milestone just ahead that must be met.

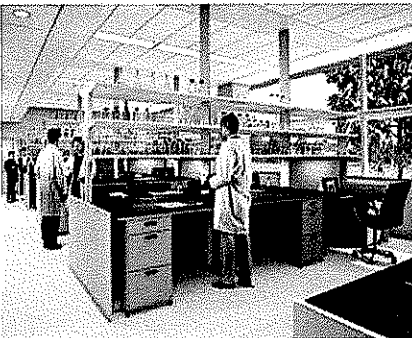
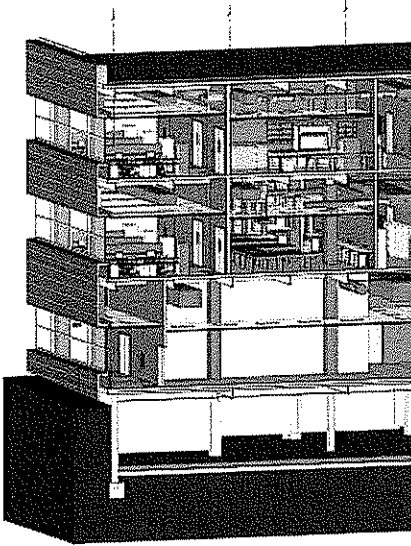
Internally, our project teams meet on a weekly basis to address design development issues, technical issues, coordination issues and provide overall management of the process. The Project Manager attends each of the meeting types and our consulting team members attend both types of meetings where deemed appropriate. PWWG understands the importance of reliable scheduling, and the firm is fully prepared to do what takes in terms of a time commitment from each of the key staff members to achieve on-time performance.

## Technology

PWWG utilizes a networked system of Pentium processor based workstations, running on Microsoft's Small Business Server, for virtually all of the architectural and normal business functions of the firm. This system is used to design, and produce construction drawings and specifications, to produce schedules, and provide the normal business office functionality of electronic communications. Our designs are produced on Autodesk Architectural Desktop 2008 software that is fully compatible with all versions of AutoCAD as well as Autodesk REVIT, Building Information Modeling (BIM), software.

In the design phases of a project, we construct three-dimensional models that allow us to create photo-realistic images and virtual walkthroughs of design proposals. We generate perspective views with our CAD system while experimenting with color, transparency, materials, textures, light and shadow. Thus, we are able to rapidly investigate a broad range of design options and accurately develop designs for effective working meetings and presentations. The office also has Adobe PhotoShop, InDesign and Illustrator programs that can be utilized as appropriate.

We utilize a password protected FTP site for the posting and exchange of current drawing information with our clients, consultants, and other team members. In addition, when appropriate, we utilize VPN connections to team members where very frequent exchanges of drawings are required. In the construction documents phase, we use standard database software for the management of construction phase documentation, including RFI's and ASI's.



BIM Model, Millennium Science Complex, Penn State

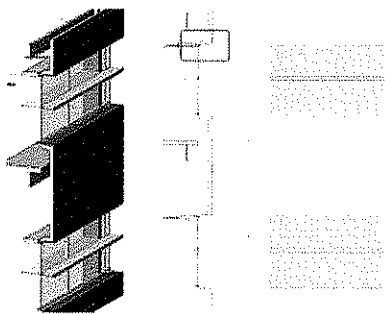
## Sustainable Design



Oglebay and Ming Hsieh Halls, WVU



West Virginia State Capitol Building #3



Millennium Science Complex, Penn State University

PWWG is committed to integrated design incorporating 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 three accredited professionals in the LEED program. We strive to make all our designs sustainable regardless of whether there is a desire to obtain certification. The following are examples of our LEED projects.

Oglebay Hall is a National Register Beaux Art classroom building, built in 1917 and designed by architect Paul Davis. The project restored the historic fabric of the building while completely updating its systems and interiors. The top two floors of Oglebay Hall house the forensic science program, with general purpose classrooms, labs, and support spaces on the lower two levels. A two-story addition contains two large lecture halls and additional classrooms.

PWWG is currently designing the comprehensive renovation of this 165,000 sf office building designed by the firm of Cass Gilbert Jr. in 1949. Architecturally significant spaces such as lobbies and the Department of Motor Vehicles will be restored but the remaining spaces will be substantially renovated to bring the building into 21st century office standards, including LEED certifications. The office space will be designed in such a way the various state departments can occupy in various configurations, using work stations of systems furniture. This is the first of multiple office renovation projects the state of West Virginia will undertake

PWWG in association with Rafael Vinoly Associates is currently designing the Millennium Science Complex at Penn State University. This facility is a combination of Materials and Life Sciences research that supports new interdisciplinary programs. It will be 315,000 SF including expansion space for each department. It brings together researchers in various buildings dispersed throughout the University. It will be a flexible and expandable facility to maximize the site include unfinished shell space. There will be quiet labs that are free of vibration and electromagnetic influence including an Electron Microscopy suite. It will have a sizable cleanroom facility and Animal vivarium.

SECTION 4  
INSURANCE AND CERTIFICATIONS

WV Vendor Certification  
Professional Liability Insurance Certification  
Purchasing Affidavit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ADMINISTRATION  
PURCHASING DIVISION  
2019 WASHINGTON STREET, EAST  
POST OFFICE BOX 50130  
CHARLESTON, WEST VIRGINIA 25305-0130  
03/10/2008

CONNIE GRILLIOT  
PERFIDO WEISKOPF WAGSTAFF  
408 BOULEVARD 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 03/10/2008, 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 ERIKA.R.VANCE@WV.GOV. THANK YOU.

SINCERELY YOURS,

  
VENDOR REGISTRATION

VENDOR NUMBER : \*709020221  
GROUP NUMBER :  
PASSWORD : 30394

# The West Virginia Board of Architects

certifies that

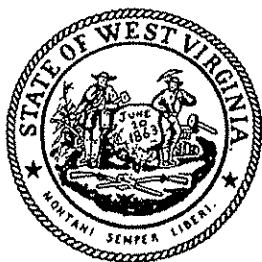
ALAN WEISKOPF

is registered and authorized to practice  
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued  
by the authority of this board.

Certificate Number 3563

*The registration is in good standing until June 30, 2009.*



*Leta C. Lewis*

Board Administrator



# ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)

9/25/08

**PRODUCER**

Wells Fargo Insurance Services  
of Pennsylvania, Inc.  
444 Liberty Avenue, Suite 1500  
Pittsburgh PA 15222  
(412) 765-3510

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**COMPANIES AFFORDING COVERAGE**

- COMPANY  
**A** ACE American Insurance Company
- COMPANY  
**B**
- COMPANY  
**C**
- COMPANY  
**D**

**INSURED**

Perfido Welskopf Wagstaff + Goettel, LLC  
408 Boulevard of the Allies  
Pittsburgh, PA 15219

**COVERAGES**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT				GENERAL AGGREGATE \$ PRODUCTS-COMP/OP AGG \$ PERSONAL & ADV INJURY \$ EACH OCCURRENCE \$ FIRE DAMAGE (Any one fire) \$ MED EXP (Any one person) \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EACH ACCIDENT \$ AGGREGATE \$
	<b>EXCESS LIABILITY</b> <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> THE PROPRIETOR/PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL				IWC STATUTORY LIMITS OTH-ER EL EACH ACCIDENT \$ EL DISEASE-POLICY LIMIT \$ EL DISEASE-EA EMPLOYEE \$
A	<b>OTHER</b> Professional Liability	EONN04873063001	2/24/08	2/24/09	\$2,000,000 Each Claim \$4,000,000 Aggregate

**DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS**

**CERTIFICATE HOLDER**

FOR ILLUSTRATION ONLY

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

*Mark P. Susser*

# ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)

9/25/08

**INSURER**  
 Wells Fargo Insurance Services  
 of Pennsylvania, Inc.  
 44 Liberty Avenue Suite 1500  
 Pittsburgh PA 15222  
 (412) 765-3510  
**AGENT**  
 Alfredo Weiskopf Wagstaff + Goettel  
 108 Boulevard of the Allies  
 Pittsburgh, PA 15219

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**COMPANIES AFFORDING COVERAGE**

- COMPANY  
**A** Hartford Casualty Insurance Company
- COMPANY  
**B** Trumbull Insurance Company
- COMPANY  
**C**
- COMPANY  
**D**

**DECLARATIONS**

INSURER CERTIFIES THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT Per Location General Aggregate	40SBAP19826	1/01/08	1/01/09	GENERAL AGGREGATE	\$ 2,000,000
				PRODUCTS-COMP/OP AGG	\$ 2,000,000
				PERSONAL & ADV INJURY	\$ 1,000,000
				EACH OCCURRENCE	\$ 1,000,000
				FIRE DAMAGE (Any one fire)	\$ 300,000
				MED EXP (Any one person)	\$ 10,000
<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	40SBAP19826	1/01/08	1/01/09	COMBINED SINGLE LIMIT	\$ 1,000,000
				BODILY INJURY (Per person)	\$
				BODILY INJURY (Per accident)	\$
				PROPERTY DAMAGE	\$
<b>TRUCK LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT	\$
				OTHER THAN AUTO ONLY:	\$
				EACH ACCIDENT	\$
				AGGREGATE	\$
<b>EXCESS LIABILITY</b> <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM	40SBAP19826	1/01/08	1/01/09	EACH OCCURRENCE	\$ 6,000,000
				AGGREGATE	\$ 6,000,000
					\$
<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> <input type="checkbox"/> THE PROPRIETOR/ <input type="checkbox"/> PARTNERS/EXECUTIVE <input type="checkbox"/> OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL	40WECPP9764	5/01/08	5/01/09	<input checked="" type="checkbox"/> IWC STATUTORY LIMITS <input type="checkbox"/> OTHER	\$
				EL EACH ACCIDENT	\$ 500,000
				EL DISEASE-POLICY LIMIT	\$ 500,000
				EL DISEASE-EA EMPLOYEE	\$ 500,000
OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

**CERTIFICATE HOLDER**

FOR ILLUSTRATION ONLY

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE  
*Mark V. Susco*

STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

*West Virginia Code* §5A-3-10a provides that: 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.

**PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:**

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor must make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

**ANTITRUST:**

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

**LICENSING:**

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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.

Vendor's Name: Alan Weiskopf, AIAAuthorized Signature:  Date: February 25, 2009

Purchasing Affidavit (Revised 01/01/09)