

REQUEST FOR QUALIFICATIONS NO. HST1012
September 15, 2009, 1:30 P.M. E.S.T.

The West Virginia Office of Miners' Health, Safety & Training
Mine Safety and Training Facility

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PROCUREMENT DIVISION
STATE OF WV

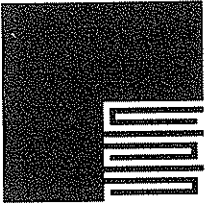


GERARD ASSOCIATES ARCHITECTS, L. L. C.
1601 ARROTT BUILDING, 401 WOOD STREET PITTSBURGH, PA 15222-1838 412.566.1531 Fax:412.566.1532



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GERARD
ASSOCIATES ARCHITECTS

JAMES E. GERARD, A.I.A.
DAWN M. DANYO, A.I.A.

September 15, 2009

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

RE: RFQ No. HST1012
West Virginia Office of Miners' Health, Safety and Training
Mine Safety and Training Facility

Dear Sirs:

In the preparation of this submittal, Gerard Associates Architects, L.L.C. hereby requests consideration to furnish professional Architectural services in accordance for the above referenced project.

Gerard Associates Architects, L.L.C., (GAA) believes that we are highly qualified to complete the necessary services for this proposed project. We have included in the pages that follow, similar projects that illustrate our experience with designing structures that house operations in mining, training and storage as well as sustainable design. Currently under construction is the United Mine Workers of America Mine Simulation Facility in Washington Township, PA, a facility dedicated to the practical training of mine safety and health. GAA designed a 40,000sf building addition to house the mine simulation laboratory, which joins an existing 25,000sf structure used for classrooms and offices. The mine simulation laboratory is designed to mimic a typical room and pier coal mine operation. The facility also provides traditional classrooms; a staging area to house mock-ups used in the simulation lab as well as serve as an area to service safety and rescue equipment; a 50hp mine fan; and an outside burn area used for hands-on practice in correct equipment use and fire fighting/protection. Upon its October 2009 completion, the Mine Simulation Facility will join only a few other facilities of its kind in the United States.

For over a decade, GAA has served as Project Architect to Consol Energy, Inc. for its portal offices, bathhouses and training centers throughout Pennsylvania and West Virginia. Facilities include changing/shower rooms, offices, repair shops, training rooms, classroom, first aid, waiting areas, dispatch and vaults; as well as act as a portal to the mine itself. Careful coordination of the connection of the Portal to the shaft elevator is an essential element.

The U.S. Army Reserve Center (USARC) in Fairview Township, Erie, Pennsylvania is a three (3) building complex housing a 36000sf Training Center, 5100sf Organized Maintenance Shop (OMS) and 2300sf Unheated Storage Building. GAA designed the project in compliance with the Sustainable Project Rating Tool (SPiRiT) which is an equivalent to the LEED rating system for sustainability and was able to achieve a SPiRiT Bronze rating. The Reserve Center project incorporates multi-purpose and specialized program components such as the Weapon Simulation Room, Kitchen, Vault and OMS Maintenance Bays along with the applicable security standards of the Department of Defense.

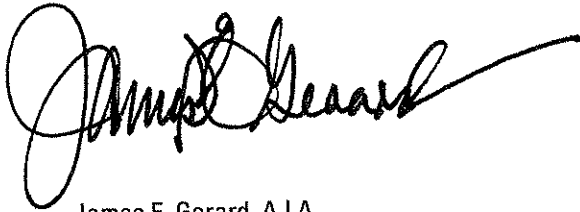
In the course of our firm's history, we have enjoyed great success completing work for both public and private institutions. We have been involved in many projects for both the local and federal government as evident in the United States Army Reserve

Center in Erie, Pennsylvania, as well as offices for the Mine Safety and Health Administration (MSHA.) We are well versed in sustainable design requirements. Members of both our firm and our consultants' have received LEED AP Certification and have worked on multiple projects demonstrating principles of sustainability. Examples are the USARC and the Monessen Riverfront Industrial Park Office Building, both of which are highlighted in this proposal.

We are proud to be a Small Business Firm and are currently pursuing official certification of our Women Owned Business status. We would be pleased to furnish documentation of such status upon request. It has been the privilege of Gerard Associates Architects, L.L.C. to share the process of design with the many Clients the firm has encountered in its fifty year history. It is with great pleasure that we have prepared this proposal for you.

Sincerely,

GERARD ASSOCIATES ARCHITECTS, L.L.C.

A handwritten signature in black ink, appearing to read "James E. Gerard". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

James E. Gerard, A.I.A.



Firm Profile

Gerard Associates Architects, L.L.C. is a small, long established firm committed to the principles that have guided the organization since its inception. Edwin J. Gerard, A.I.A., established the firm in 1959 with a clear vision of the tenets that should guide practice:

- Master the fundamentals of Architecture.
- Establish a clear understanding of the Project.
- Develop a working relationship with the Client.
- Deliver a Project which is both aesthetically and technically complete.
- Adhere to the principles of Professional Practice.

Gerard Associates Architects, L.L.C. has preserved this hands-on, traditional approach to project development, and in the process, fostered longstanding professional relationships with many of its clients. These relationships are maintained through personal contact between the client and the project team throughout the duration of the design and construction processes.

The primary focus of the firm has traditionally been Religious and Institutional Architecture with two of its most prominent clients being The Church of Jesus Christ of Latter-Day Saints and Duquesne University of the Holy Ghost. Gerard Associates Architects, L.L.C. has served The Church of Jesus Christ of Latter-Day Saints for over twenty years and is now responsible for a majority of its work within Pennsylvania, West Virginia, Virginia, and Maryland. Since its founding, the firm has also maintained a continuing relationship with Duquesne University. Construction of the Allegheny General-Duquesne University Sports Medicine Clinic, the Arthur J. Rooney Athletic Field, the Bayer Learning Center, Vickroy Residence Hall, and various other renovation projects have all won the firm acclaim for its contribution to the University campus, termed as "the Miracle on the Bluff."

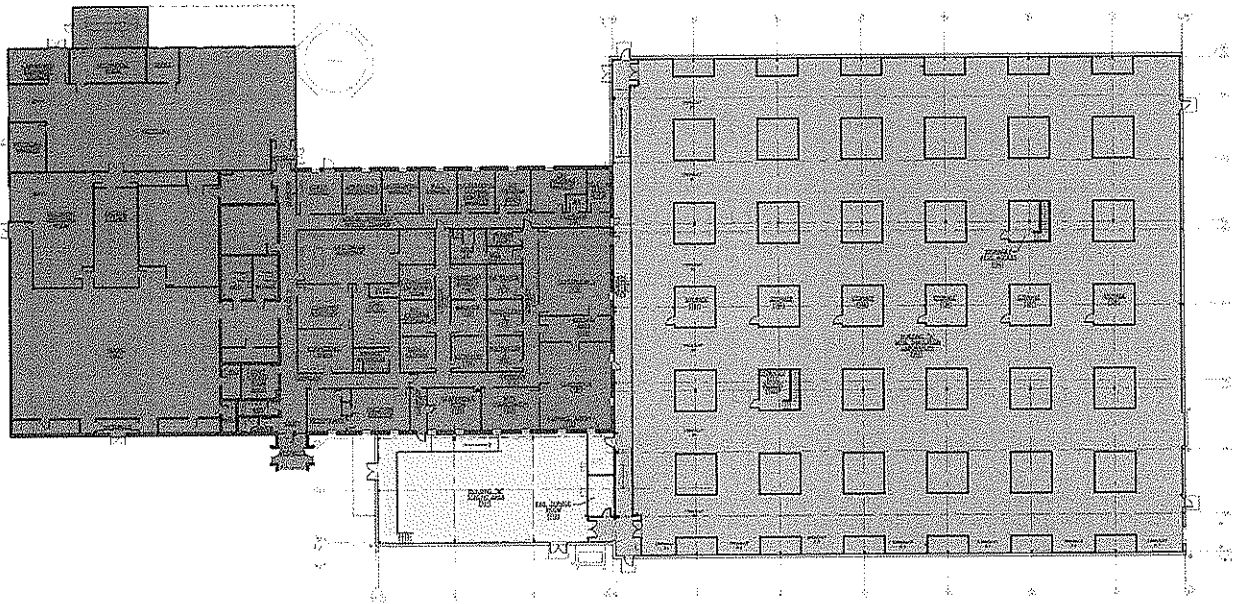
A compliment of municipal, office, research, medical, and production facilities complete the firm's resume. CYCAM, Inc., which produces medical and biotechnical appliances, has completed three (3) projects with the firm. Polycom-Huntsman, Inc., a plastics compounding company has completed five (5) facilities under the direction of principal James E. Gerard. These commercial structures, in conjunction with the Class "A" office facilities designed by the firm for Mylan Laboratories, Adelpia Business Solutions, and Metso Minerals in Southpointe Industrial Park, mark the firm's success in the corporate market; a success also seen in the 130,000 square foot medical professional office building and wellness center for the Monongahela Valley Hospital system, WillowPointe Plaza One. This structure, the third of its kind to be completed by the firm since 1999, has christened the firm's birth into the field of Wellness Center design. Private business ventures such as the Fitness Factory to non-profit organizations such as the Monongahela Valley YMCA have enlisted the firm's experience to both construct and revitalize their facilities.

Gerard Associates Associates, L.L.C. strives to achieve a balance of projects of various scopes and styles while remaining conscious of each individual project's budget, space, time and physical limitations. We are proud to be a Small Business Firm. It is in conjunction with a qualified team of consulting engineers, Gerard Associates Architects, L.L.C. consistently delivers complete planning, programming, design, and budgeting services. However, it is the belief of the firm, independent of the project, that client relationships are the best endorsement of its work and that these relationships are an indication of the firm's sense of service to those clients as well as a commitment to the making of Architecture. It is this continued commitment to service that enables us to consistently address design issues with competence, to deliver solutions within time and monetary constraints, and to adapt to ever changing technologies, codes and market demands.

UNITED MINE WORKERS OF AMERICA MINE TRAINING FACILITY

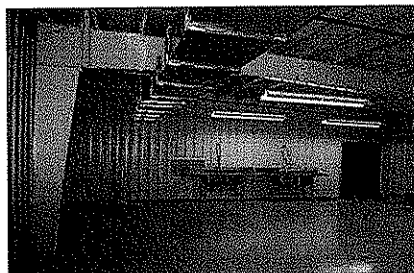
Washington Township, Pennsylvania

- Budgeting
- Programming
- Building and Interior Design
- Design Standards
- Construction Documentation
- Construction Administration
- Local Code / Zoning Administration

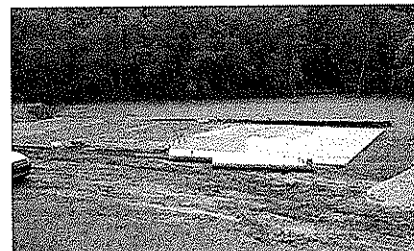


The United Mine Workers of America (UMWA) Mine Training Facility in Washington Township, PA, a facility dedicated to the practical training of mine safety and health, is currently under construction with completion scheduled for October 2009. A 40,000 sf pre-engineered building addition to house the mine simulation laboratory is joined to the existing 25,036 sf structure which is used for classrooms and offices.

The simulation laboratory is designed to represent a typical room and pier coal mine operation via a series of 15 ft x 15 ft "coal blocks" on 30 ft centers. An elevated viewing gallery is located adjacent to the simulation laboratory and allows for observation of the training activities.

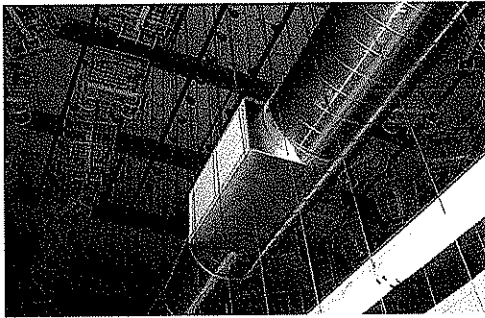
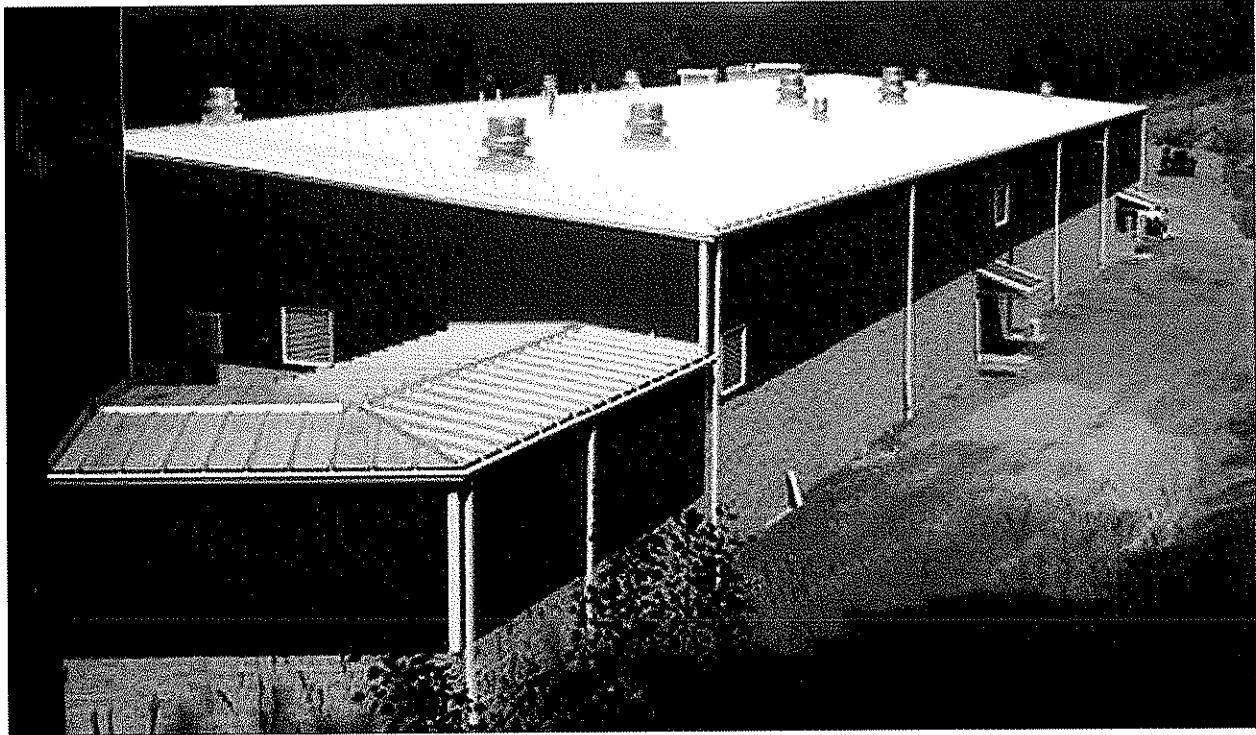


In addition to the mine simulation laboratories, a 3,164 sf staging area is used to store and assemble the mock-ups used in the simulation laboratory and service safety and rescue equipment. The training facility provides a series of traditional classrooms and meeting rooms, a 50 hp mine fan which was reclaimed and donated by a local coal company, and provisions for a potential 25 ft x 40 ft building addition. Outside, a burn area consisting of two (2) - 125 ft x 55 ft concrete pads is used for exercises that stress the appropriate safety practices and correct equipment use by having hands-on practice in fire protection and fire fighting. Once complete, the UMWA Mine Training Facility will be one of only a few such facilities in the United States.

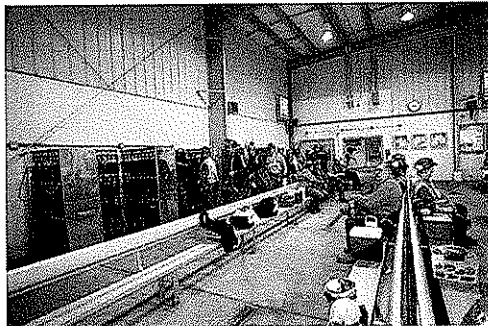


CONSOL ENERGY, INC. Pennsylvania and West Virginia

- Budgeting
- Programming
- Building and Interior Design
- Construction Documentation
- Construction Administration
- Local Code / Zoning Administration



For over a decade, Gerard Associates Architects, L.L.C. has served Consol Energy, Inc., the largest producer of high-Btu bituminous coal in the United States, as Project Architect for its portal offices, bathhouses and training centers throughout Pennsylvania and West Virginia at its Enlow Fork, Bailey, McElroy, Loveridge and Robinson Run Mines. The Camp Run Portal facility shown above includes changing and shower rooms, offices, lamp repair/storage, first aid, waiting area, classrooms, conference/meeting rooms, dispatch and vaults. Close coordination of the connection of the Portal to the mine shaft elevator is essential.

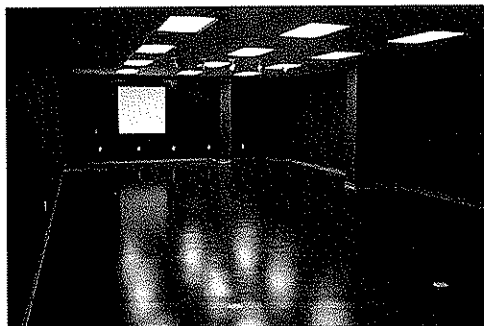
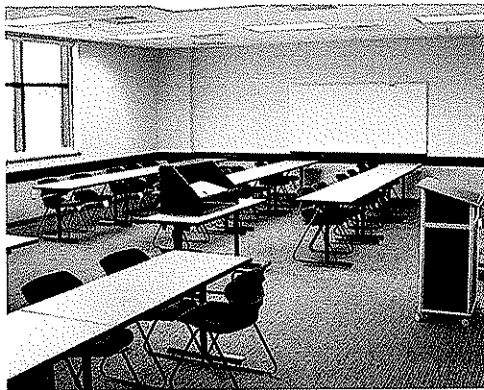


Gerard Associates Architects, L.L.C.'s services for this project included programming, design, contract documents, construction administration, coordination and enforcement of design standards and As-built documentation.



UNITED STATES ARMY RESERVE CENTER TRAINING CENTER Erie, Pennsylvania

- Budgeting
- Site Design
- Programming
- Building and Interior Design
- Coordination with Design Standards
- Sustainable Design
- Construction Documentation
- Construction Administration
- Local Code / Zoning Administration
- As Built Documentation



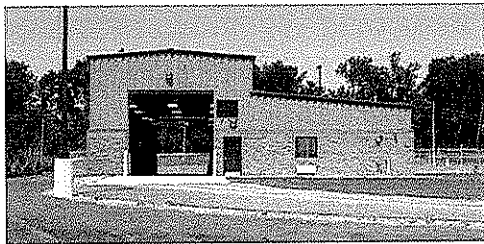
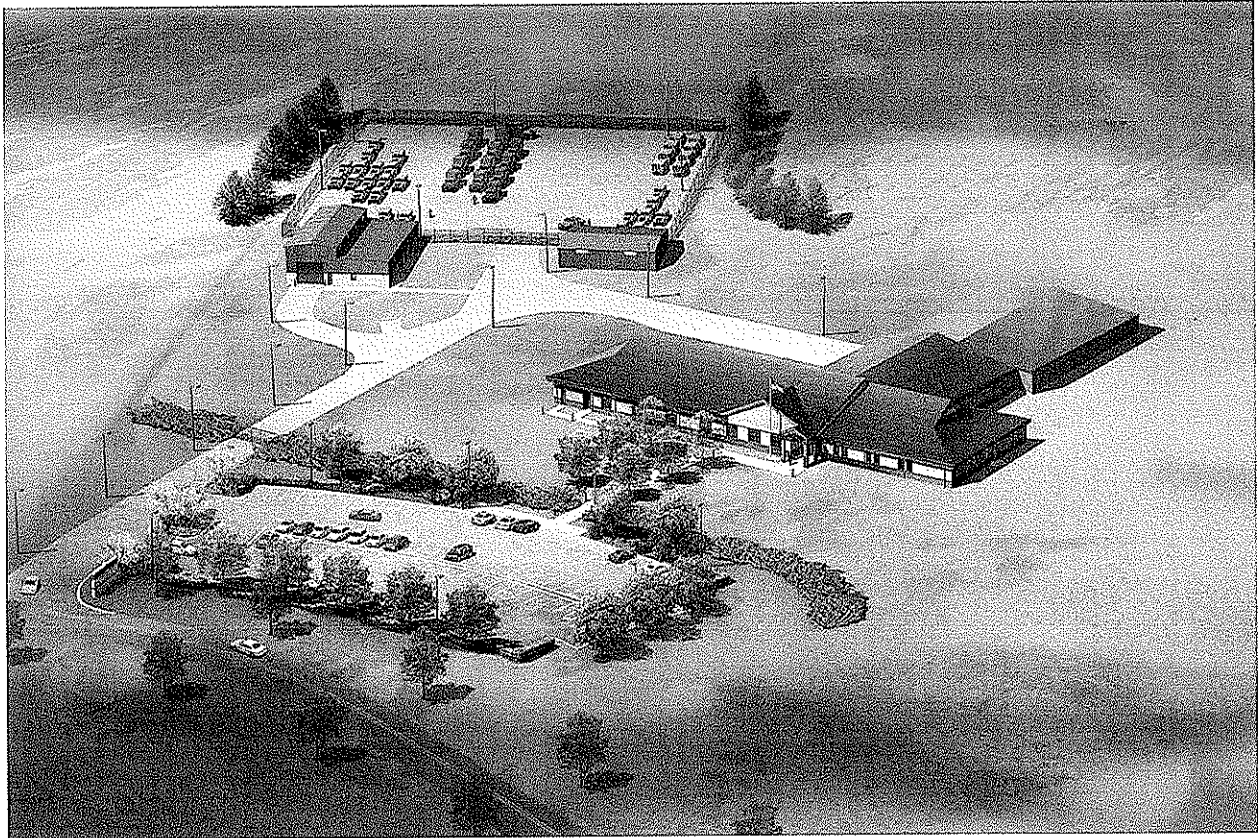
The U.S. Army Reserve Center in Fairview Township, Erie County, Pennsylvania was designed and constructed for the U.S. Army 99th Reserve for recruitment, retention, and training purposes. The 45,000 sf complex of structures includes the Training Center, Organization Maintenance Shop (OMS), and Unheated Storage (UHS) building. The Reserve Center project incorporates multi-purpose and specialized program components such as the Weapon's Simulator Room, Kitchen, Vault and OMS Maintenance Bays, along with the applicable security standards of the Department of Defense, and the SPiRiT (Sustainable Project Rating Tool) energy conservation standards adopted by the Federal Government.

Security standards are maintained while the design conveys a feeling of openness. Critical building elements such as the blast-resistant walls of the Training Center and OMS define the exterior character of the buildings, and required earthen security berms are treated as landscape elements. The contextual nature of the Reserve Center also responds to the requirement that the project employ sustainable design and construction. The siting of the buildings preserved existing wetlands; storm water management of watershed from newly constructed elements is achieved on site. High efficiency hot water based heating system, local materials, construction waste management, and recycled products earned the Reserve Center a SPiRiT Bronze rating.



UNITED STATES ARMY RESERVE CENTER ORGANIZATION MAINTENANCE SHOP (OMS) Erie, Pennsylvania

- Budgeting
- Site Design
- Programming
- Building and Interior Design
- Coordination with Design Standards
- Sustainable Design
- Construction Documentation
- Construction Administration
- Local Code / Zoning Administration
- As Built Documentation



The United States Army Reserve Center (USARC) is a three (3) structure complex comprised of a 36000sf Training Center, 5100sf Organized Maintenance Shop (OMS) and 2300sf Unheated Storage (UHS) Building. The project site is 14.60 acres of a former horse racing track which has been developed into an industrial park in Fairview Township, Erie, Pennsylvania. The intent of the design was to create a series of structures from substantial materials, all designed to meet the technical demands of the Reservists while paying reverence to the natural contours of the site and architecture of the surrounding structures. The project was designed in compliance with the minimum requirements of the Department of Defense Antiterrorism/Force Protection Construction Standards which helped dictate the arrangement of the buildings on the site. The Reserve Center was also designed under the guidance of the Sustainable Project Rating Tool (SPiRiT) which is equivalent to the LEED rating system for sustainability. The final design was able to achieve a SPiRiT Bronze rating.



The OMS contains two Maintenance Bays, Controlled Waste Room, Flammable Storage Room, Parts and Tool Rooms, Rest Rooms, Janitor Closet, IT/Electrical Rooms, Mechanical Room and a shared Administrative Office Area. Special design features include a vehicle exhaust system in the Maintenance Bays along with an in floor radiant heating loop.



MINE SAFETY AND HEALTH ADMINISTRATION DISTRICT 2 FIELD OFFICE Hempfield Township, Pennsylvania

- Budgeting
- Building and Interior Design
- Construction Documentation
- Construction Administration
- Local Code / Zoning Administration



The Mine Safety and Health Administration (MSHA) District 2 Field Office is located at the Paladin Professional Center; a 43,000 sf multi-tenant office building designed by Gerard Associates Architects L.L.C. The two (2) story office building of masonry and steel construction is located in the Westmoreland Distribution Park II. Occupying 12,200 sf of the office building, special design elements were required to be incorporated into the build-out design. A blast resistant security window film was added to all of the exterior glazing units. A bootwash was included at the exterior of the building adjacent to the employee entrance. A secured, fenced-in parking lot was provided for the MSHA vehicles. Special coordination between the systems furniture supplier and the electrical and IT systems was imperative.



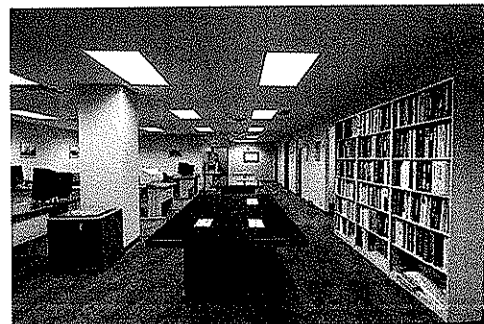
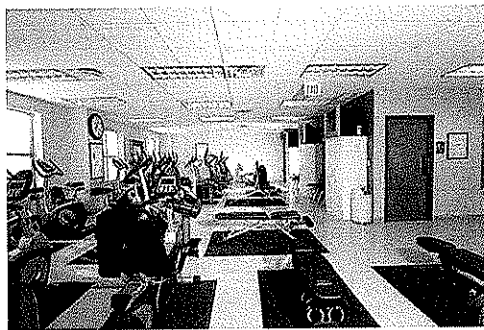
Other amenities at the MSHA Field Office include administrative offices, technical specialists area, lab, storage, break room, copy room, conference rooms with operable dividing partitions, toilet rooms and locker/shower facilities and dedicated rooms for LAN and telecommunications.



MONESSEN RIVERFRONT INDUSTRIAL PARK OFFICE BUILDING

Monessen, Pennsylvania

- Budgeting
- Site Design
- Programming
- Building and Interior Design
- Sustainable Design
- Construction Documentation
- Construction Administration
- Local Code / Zoning Administration
- As Built Documentation



The Monessen Riverfront Industrial Park Office Building is a 54,000 sf, multi-tenant facility. The four (4) story office building is constructed on a Brownfield site. It includes a shared cafeteria and wellness center in addition to administrative, engineering and research offices. Although L.E.E.D. Certification was not pursued due to cost constraints, many "green" components were incorporated, including a reflective roof membrane to reduce solar gain; site selection of a "brownfield" site; building orientation to maximize views and take advantage of natural daylighting; and use of interior finishes with low V.O.C. content to name a few. Due to the close proximity of the building to the Monongahela River, careful attention to control site water runoff and erosion was essential.



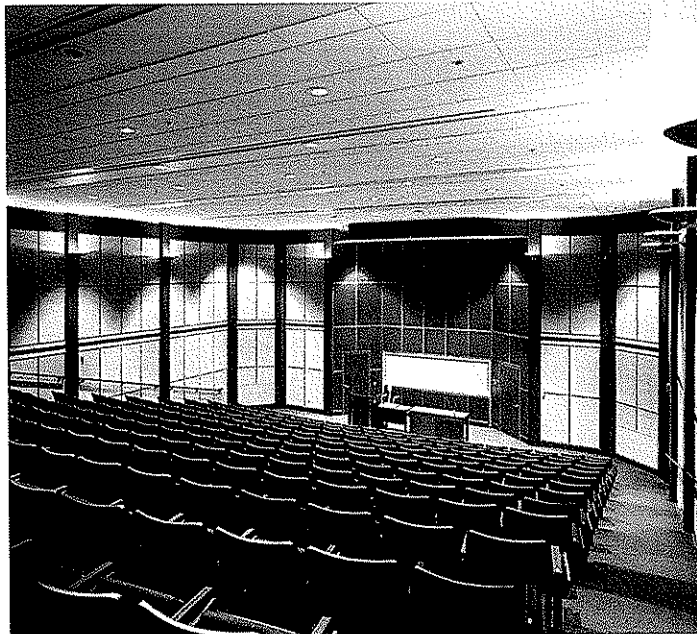
DUQUESNE UNIVERSITY BAYER LEARNING CENTER

Pittsburgh, Pennsylvania

- Local Code/Zoning Coordination
- Master Plan Implementation
- Programming
- Building and Interior Design
- Construction Documentation
- Construction Administration
- 1998 Excellence in American University Educational Interior Design



Among the academic buildings that Gerard-Nagar Associates has designed is Bayer Learning Center at Duquesne University. Bayer Learning Center is a 56,000 square foot, three-story building originally conceived as a science center. Due to a change in the priorities of the University, the program for the building was revised to reduce the amount of space dedicated to scientific laboratories and increase the general classroom space. The changes were affected during the construction phase of the project with no detrimental affect on the schedule or budget. Additional academic building projects at Duquesne University include the School of Law, Duquesne University Sports Medicine Institute, and Fisher Hall, among others. Gerard-Nagar Associates has also designed several academic centers for the Community College of Allegheny County including the Neville Technical Center, the Downtown Center and the Airport West Education Center.





Clients

EDUCATIONAL

California State University
Carnegie Mellon University
Community College of Allegheny County
Duquesne University of the Holy Ghost
LaRoche College
University of Pittsburgh
Wesley Highland School

RELIGIOUS

All Saints Greek Orthodox Church
Weirton, West Virginia
All Saints Greek Orthodox Church,
Canonsburg, PA
Allegheny Center Alliance Church
Central Assembly of God
Christian Life Church
Gospen Fellowship Presbyterian Church
Hebron United Presbyterian Church
Lakeview Christian Life Church
Northview Christian Church
South Hills Christian Center
SRI Venkateswara Temple
St. Michael's Antiochian Orthodox Church
St. Alphonsus R.C. Church
The Church of Jesus Christ of Latter-Day Saints
Tri-State Kikh Cultural Society
Windover Hills United Methodist Church

GOVERNMENT/MUNICIPAL/COMMUNITY

Bradford City Water Authority
California Volunteer Fire Department
Department of General Services
Commonwealth of Pennsylvania
Department of Environmental Protection
Commonwealth of Pennsylvania
Mon Valley YMCA
Municipal Authority of the Borough of Westview
Redevelopment Authority of the County of Washington
Roscoe Volunteer Department
Southwestern Pennsylvania Water Authority
Washington Township Municipal Authority
Washington County Fairgrounds Association

COMMERCIAL/RETAIL

Anything Wood
Bank on Engineers Incorporated
Community Bank
Davis Markets
FCF Partnership
Fitness Factor
Indian Garden Restaurant
LaCarte Enterprises
LE Smith Glass Company
McMillen Engineering, Inc.
MIHM Rental
Mill Craft Design Services
Mon Valley Federal Credit Union
Mountaineer Race Track and Gaming Resort
PNC Bank
Solomon Auto Dealership
Southpointe Golf Club
Taylor Rental
Tru-Green Chemlawn
United States Gypsum Corporation
Youghioheny Country Club



Clients

CORPORATE

Aldelphia Business Solutions
BEA, Inc.
Broadstreet Communications
Champion Way Associates, LP
Corporate Drive Associates, LP
Crown Pointe Enterprises
General Industries
GMG Corporation
Horizon Properties, LP
Meadowpointe Professional Office Complex
RKL Associates, LLP
Racetrack Road Associates, LP
Solutions RE, LLC
Valle-Vista Associates
Willowpointe Partners, LP

MEDICAL/HEALTH CARE

Fresenius Medical Care, NA
McKnight Medical Inc.
Mon Valley Hospital
Natrona Heights Neurology
Progressive Health Care
St. Francis Hospital
Tri-County Cardiology Associates

INDUSTRIAL

Advanced Acoustic Concepts
All Clad Incorporated
All-Pak Inc.
Alstom T&D
Alstom USA
Aquatech International Corporation
BOC Processing, Inc.
Bolsan Company Inc.
Consol Energy, Inc.
Cycam, Inc.
Ductmate Industries
Ebara-Solar
Fairless Energy, LLC
Fife Moving & Storage Company
Gupta Permold Corporation
Middle Monongahela Industrial Inc.
National Polymers, Inc.
Noresco
Pennatronics Corporation
Pittsburgh Wool Company
Polycom Huntsman Corporation
RADCOM Associates, Inc.
Ragnar Benson Inc.
Rose Plastics, Inc.
Santiago Distribution Inc.
Spartech-Polycom, Inc.
Timberline Packaging
Vesley Brothers Inc.
Walco, Inc.



References

UMWA Mine Training Facility

Mr. Clemmy Allen, Executive Director
UMWA Career Centers, Inc.
640 Jefferson Avenue
Washington, PA 15301
Phone: (724) 223-9332

Consol Energy

Mr. Brian Rabbitt, Project Engineer
CONSOL ENERGY, Inc.
1575 Pleasant Grove Road
Claysville, PA 15323
Phone: (724) 663-3078

United States Army Corps of Engineers

Mr. Gary Lang
Army Corps of Engineers
Pittsburgh International Airport
ARS 2310 Airlift Avenue
911 Airlift Wing
Coraopolis, PA 15108-4484
Phone: (412) 474-8134

Mine Safety & Health Administration District 2 Field Office

Ms. Maya Godelman, Realty Specialist
GSA Public Buildings Service Mid-Atlantic Region
U.S. General Services Administration
20 N. 8th Street, 8th Floor
Philadelphia, PA 19107
Phone: 215-446-4561

Monessen Riverfront Industrial Park Office Building

Mr. Douglas Farnham, President
PFBC Environmental Energy Technology, Inc.
111 Riverview Drive
Monessen, PA 15062
Phone: (724) 929-3151

Duquesne University

Mr. Gust Flizanes
Director of Design & Construction
Department of Facilities Management
Duquesne University
600 Forbes Avenue
Pittsburgh, PA 15282
Phone: (412) 396-6005



Resume

James E. Gerard, A.I.A.
Principal
Gerard Associates Architects, L.L.C.

Education:

1966 Carnegie Institute of Technology, Bachelor of Architecture
Numerous Continuing Education Seminars

Registration:

Registered Architect in Pennsylvania, West Virginia, Virginia, Maryland, Louisiana

Professional Associations:

American Institute of Architects
Construction Specification Institute
Arbitrator/panelist for American Arbitration Association

Awards:

Award for Excellence in Architecture – Adaptive Reuse, Pittsburgh Chapter, A.I.A.
Golden Trowel Award, International Masonry Institute

Work History:

Mr. Gerard is the senior principal of Gerard Associates Architects, L.L.C. He joined the firm of Edwin J. Gerard, A.I.A. & Associates in 1970 following separation from active duty as a Captain in the United States Air Force. He became partner in the firm in 1973 after receiving his professional license. Mr. Gerard practiced as a sole practitioner from 1976 until the formation of Gerard-Nagar Associates in 1985. In 2006, Gerard-Nagar Associates transitioned into the current firm Gerard Associates Architects, L.L.C.

Mr. Gerard has extensive experience in all aspects of the practice of architecture from programming through conceptual design, construction documentation and contract administration. With over thirty-five years of practice, he has designed and administered numerous projects for both public and private clients. Over the course of his career, he has been instrumental in the planning, development and transition of the forty-acre campus of Duquesne University, which has been referred to as “the miracle on the Bluff”. As an arbitrator/panelist for the American Arbitration Association, Mr. Gerard is able to provide invaluable insight into many of the issues and disputes, which occur in the construction process, and provides practice in the analysis and practical resolution of these disputes.



Resume

Dawn M. Danyo, A.I.A., LEED AP
Principal
Gerard Associates Architects, L.L.C.

Education:

1997 Syracuse University, Bachelor of Architecture

Registration:

Registered Architect in Pennsylvania, Ohio, New York
Certificate with the National Council of Architectural Registration Boards
L.E.E.D. AP Certification

Professional Associations:

American Institute of Architects
Construction Specification Institute

Work History:

Ms. Danyo joined the firm of Gerard-Nagar Associates in 1997, having interned with the firm prior. She now serves the firm as a Principal Architect with concentration in project development, documentation, and construction administration.

Since joining the firm, Ms Danyo has been involved in various field-related educational programs including collaboration between the Western Pennsylvania Regional District Council of Carpenters and the American Institute of Architects to encourage cooperation among young craftsman and professionals. In 2001, Ms Danyo participated in a case study project for Carnegie Mellon's School of Architecture Professional Practice, a study designed to expose architecture students to the trials of practice. The project of study was the addition to the Duquesne University School of Law, for which Ms. Danyo served as Project Architect.

Ms. Danyo has recently received her L.E.E.D. AP professional certification from the United States Green Building Council (USGBC).



Resume

Michaeleen D. Vargo, LEED AP
Associate
Gerard Associates Architects, L.L.C.

Education:

2002 University of Pittsburgh, BA, Architectural Studies
2003 ITT Technical Institute, Associate in Specialized Technology, Computer Drafting & Design

Registration:

L.E.E.D. AP Certification

Professional Associations:

Construction Specification Institute

Work History:

Ms. Vargo joined the firm of Gerard-Nagar Associates in 2003. She assists Project Architects in the preparation of documentation and project management and is versed in design and accessibility standards as well as the International Building Code. She has received multiple certificates of study in Green Building Design and has recently received her LEED, AP professional certification from the United States Green Building Council (USGBC).

As an active member of the Construction Specification Institute, Ms. Vargo has participated in multiple leadership and industry related seminars and educational programs. In 2008, Ms Vargo became the Membership Chair of the Pittsburgh Chapter of the Construction Specification Institute. As membership chair, she is responsible for not only retaining the current membership count of the Chapter, but also recruiting new memberships.

In 2005, Ms Vargo participated in the Carpenters Joint Apprenticeship & Training Program of Greater Pennsylvania's Annual Design/Build Carpentry Competition. This competition randomly pairs a carpenter apprentice, young contractor and young architect together to build a project on site and in real time in a challenging Design/Build Competition. The purpose of the contest is to help participants from different areas of industry gain an appreciation of each other's contribution to the project. Ms. Vargo's team placed third in the competition.



Resume

**Robert J. Conway, P.E., President
Conway Engineering**

Robert J. Conway, P.E. graduated from Cornell University in 1973 with a Bachelor of Science Degree in Civil Engineering. Since, Mr. Conway has obtained professional licensure in the states of Pennsylvania and Ohio.

Mr. Conway began his career working as a structural engineer for a number of Pittsburgh firms, specializing in heavy industrial design. Mr. Conway also served on the Board of Directors at Dotter Engineering Inc., a firm he co-owned, which specialized in institutional and commercial design. Mr. Conway established the private practice of Conway Engineering in 1993 and with a support staff of draftsmen and trained engineers has continued to provide structural engineering services for commercial projects including educational, corporate, religious, medical, and institutional. Mr. Conway's client list includes: Meadville Hospital, Presbyterian University Hospital, Duquesne University, South Allegheny School District, and The Church of Jesus Christ of Latter-Day Saints.

Scope of Services

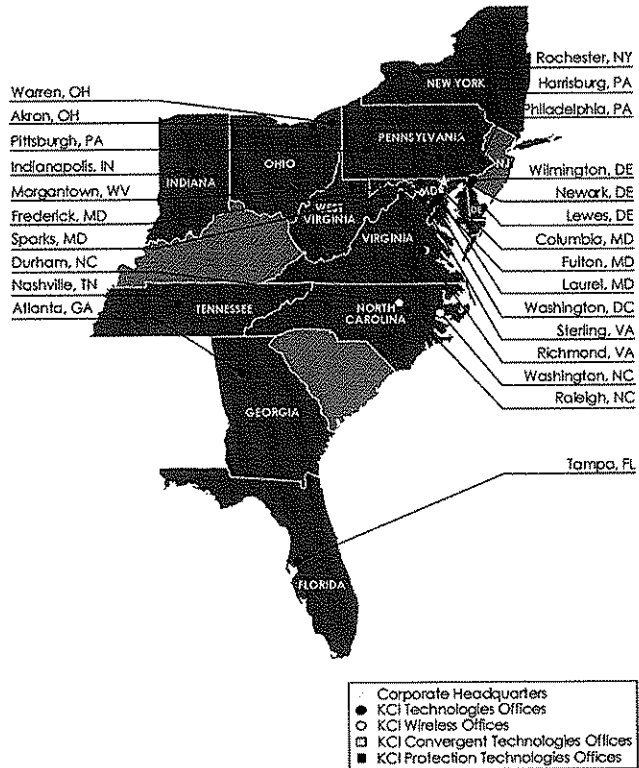
- Structural Assessment of Existing Construction
- Structural Assessment of Design
 - Steel
 - Concrete
 - Wood
 - Masonry
 - Aluminum
- Preparation of Structural Documents
- Review of Structural Shop Drawings
- On-Site Construction Inspection



FIRM PROFILE

Introduction to KCI Technologies, Inc.

Early Corporate History – The history of KCI Technologies can be traced to a small firm operating out of the basement of the co-founders Baltimore County, Maryland home in 1955. By its second year, the company took up residence in a proper facility, only to change locations several times over the next decade in a succession of moves that paralleled its growth. In 1977, it was purchased, along with three other architectural and engineering firms, by industrial products conglomerate Walter Kidde & Company. The Kidde acquisitions merged into and engineering subsidiary that came to be known as Kidde Consultants Inc., or KCI. During the 1980s, KCI expanded throughout the Mid-Atlantic, opening new offices in Maryland, Delaware, Virginia and Pennsylvania.



Employee Ownership – In August 1987, Hanson Trust PLC of Great Britain, a manufacturing company with diversified holdings worldwide, purchased Kidde, the parent company. Soon thereafter, KCI initiated an employee buyout from Hanson, which was completed in December 1988. KCI became Maryland’s largest employee-owned company. In 1991, the official name was changed to KCI Technologies, Inc. In 2008, the corporate headquarters was moved to its present location in Sparks, MD.

With revenues of approximately \$142 million in 2008, the Engineering News-Record has consistently placed KCI among the top consulting engineering firms in the country. Today our roughly 950 employee owners operate out of 25 offices in 12 states – Delaware, Florida, Georgia, Indiana, Maryland, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia and West Virginia – and the District of Columbia.

Technical Expertise – With a professional staff of engineers, planners, scientists, surveyors, and construction managers, we offer a broad range of engineering services, including civil, structural, transportation, environmental, hazardous waste, mechanical, electrical, telecommunications, and soils. But engineering is not all we do. We also provide cultural and environmental resource management services, land planning and landscape architecture, geology, hydrology, ecology, surveying, and construction management and inspection. All of our service lines are supported by a team of CADD operators, GIS specialists, database and Web programmers, and other computer-savvy professionals working on state-of-the-art equipment.

At KCI, we believe that our broad technical expertise, combined with our unique commitment as employee owners, has enabled us to emerge as industry leaders whose customers can count on excellent service time and again.



ROBERT R. MILNE, PE

Division Chief E-VIII, Senior Associate

Education:

BS / 1990 / Civil Engineering / West Virginia University

MS / 1999 / Civil Engineering / West Virginia University

Registration:

PE / WV / 014177 / 1999

PE / PA / PE061465 / 2002

Years Experience: 19

Years with KCI: 7

Experience:

Mr. Milne is the Division Chief in KCI's Morgantown, West Virginia office. He is responsible for the offices' daily operation, supervision of staff, and management of large projects. Mr. Milne is also experienced in civil/site design, utilities, and buildings as well as roadway and storm sewer design; highways, bridges, traffic studies; and construction administration and inspection. Relevant project experience includes:

West Virginia University Architectural and Engineering Open End. Morgantown, WV. Division Chief/Project Manager. KCI was awarded an open end contract to provide multi-disciplined engineering services to the West Virginia University. **Work Order No. 1** - KCI performed a structural assessment of the Summit Hall Parking Garage along Grant Street. **Work Order No. 2** - KCI performed a structural analysis of the Evansdale Library. **Work Order No. 3** - KCI provided the University with Structural Engineering and Drafting Services associated with the design of a replacement wood deck and support beams for a Pedestrian Bridge. **Work Order No. 4** - KCI is providing the University with complete design services for the reconstruction of the East Wall of the Coliseum Tunnel which is in current need of repair. **Work Order No. 5** - KCI will be providing the University with structural and electrical engineering services required to examine the existing conditions of steam tunnel A and prepare construction documents and project specific specifications to repair deficiencies in steam tunnel A.

New Northside Fire Station. Morgantown, WV. Division Chief/Project Manager. KCI was a sub-consultant to Bignell Watkins Hasser for the New North Side Fire Station for the City of Morgantown. This project was just recently completed. KCI was responsible for overall site design, access road, utility lines, sidewalks, landscaping, drainage, storm water retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting. Client is pursuing LEED certification.

WVU Downtown Student Housing Project. Morgantown, WV. Division Chief/Project Manager. KCI was a sub-consultant to Paradigm Architecture for new Honors Dormitory located on WVU's downtown campus. KCI was responsible for overall site design, courtyard, utility lines, sidewalks, drainage, storm water retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting.

The Dayton. Morgantown, WV. Division Chief/Project Manager. KCI was a sub-consultant to Paradigm Architecture for the proposed Dayton. The Dayton is a 3-story building located at the corner of Ridgeway Avenue, Dayton Street and Richwood Avenue in Morgantown, providing retail space and parking on the ground level with off-campus student housing on the upper floors of the building. KCI was responsible for overall site/civil design, water lines, sanitary sewer, general utility coordination, site/civil permitting and erosion and sediment control.

Harpers Ferry National Park Historic Train Station. Harpers Ferry, WV. Project Manager. KCI was sub-consultant to a national design/build contractor to provide electrical, site/civil, and structural engineering support services for this Historical Renovation project. KCI was responsible for designing a 92 space parking lot, sidewalks and lighting at the Historic Harpers Ferry Train Station. In order to meet the deadlines of our client this project was placed on a fast track schedule. The preliminary and final design of the parking lot was completed in less than a month.



MICHAEL E. PUMPHREY, PE

Senior Civil Engineer, Associate

Education:

BS / 1998 / Civil and Environmental Engineering / West Virginia University

MS / 2003 / Civil Engineering / West Virginia University

Registration:

PE / WV / 16006

PE / PA / PE071682

Years Experience: 10

Years with KCI: < 1

Experience:

Mr. Pumphrey is a civil engineer in KCI's Morgantown, West Virginia office. He has experience in highway design, site/civil design, sidewalk design, storm water management, utility design and coordination, street and highway temporary traffic control design, pavement design and preventive maintenance, and right-of-way coordination. Serving as both a project manager and project engineer, Mr. Pumphrey has experience in supervising design teams; project management and scheduling; preparing and reviewing contract documents and plans; and client communication/interaction. Relevant project experience includes:

New Northside Fire Station, Morgantown, WV. Construction Administrator. KCI was a sub-consultant to Bignell Watkins Hasser for the new North Side Fire Station for the City of Morgantown. KCI was responsible for overall site design, access roads, utility lines, sidewalks, landscaping, drainage, storm water retention, grading plans, erosion and sedimentation control plans, and all the site/civil permitting. Client is pursuing LEED certification.

US Army Corps of Engineers AIE Infrastructure Repair Projects. Nationwide. Task Manger. KCI is responsible for the completion of the Comprehensive Work Plans for the following facilities: Fort Meade, MD and Fort Leavenworth, KS.

Prior to KCI:

Airways Park & Ride Facility, Port Authority of Allegheny County, PA. Project Engineer. Assisted in the design of the parking lot and busway for the 1000-space HOV accessible park and ride facility near the Pittsburgh International Airport. Assisted in the layout of sidewalks for pedestrian access from parking lot to busway. Generated flexible pavement design for the parking lot and rigid pavement designs for the busway and sidewalks. Assisted with the construction plan development and final contract documents.

Transportation Projects, WV, PA, and VA. Project Manager and Project Engineer. Served as both project manager and project engineer on multiple highway design and bridge replacement projects for the WVDOT, PENNDOT, VDOT, and the PA Turnpike Commission. Responsible for managing design teams, project coordination and scheduling, technical assistance and review, client interaction, utility coordination, and the review of contract plans and documents.

Amandaville Bridges along US Route 60, Amandaville, WV. Highway Engineer. Developed final roadway and sidewalk geometric design. Responsible for preparing final roadway construction plans, pavement marking and signing plans, maintenance and protection of traffic plans and the development of the final construction cost estimate.



GUS G. DRIZOS, ASLA, AICP

Division Chief E-VIII, Senior Associate

Education:

BS / 1978 / Landscape Architecture / West Virginia University

Registration:

RLA / OH / 960

RLA / PA / LA-000899-R

RLA / MD / R-680

Years Experience: 31

Years with KCI: 23

Experience:

Mr. Drizos is a Senior Landscape Architect responsible for managing landscape architectural design, environmental studies, and site planning for the public and private sectors. His work efforts include site analysis; feasibility studies; site and landscape design for residential, commercial institutional and transportation improvement projects; streetscape design for urban and rural locations; parks and recreation facilities design; forest conservation planning and reforestation design; wetland creation design; water quality design; conducting community workshops; expert testimony; technical writing; and interfacing with public agencies for approval of planning and design documents.

St. Vincent's Guardshack. Latrobe, PA. Landscape Architect. Developed streetscape designs to blend the new main entrance roadway and guardhouse with the historic surroundings of the college. The design included ornate lighting, street trees, ornamental grasses and flowering perennials carefully selected to blend with existing landscape elements. Crosswalks were strategically located to safely accommodate pedestrian circulation across the new main entrance. KCI provided engineering and landscape architecture services for a new guardhouse facility and entrance road to the historic St. Vincent College.

Seabrook MARC Station Parking/Platform Design Project. Seabrook, MD. Landscape Architect. KCI provided civil engineering and site design services for the \$1.1 million update to Seabrook Station.

Brunswick Station Parking Expansion. Brunswick, MD. Landscape Architect. This \$111,886 task assignment involved preparation of construction documents for a parking expansion which included 300 additional cars, track design and a 500' low level platform.

Indefinite Delivery Contract, US Naval Academy, Annapolis, MD, US Naval Academy. Landscape Architect. Under an indefinite delivery contract with the US Naval Academy, KCI provided planning and engineering services for various projects at the Annapolis campus.

Mon-Fayette Transportation Project – Wetland Mitigation Design, PA Turnpike Commission. Landscape Architect. Conceptual planning through construction documents for a 14-acre scrub-shrub and forested wetland area, as a part of the wetland mitigation for the roadway project. Monitoring well data was used to establish pool levels and planting zones for contour grading and planting plans. The mitigation plan provided an increase in the available food and plant cover for wildlife. Open water areas were included to attract waterfowl.

SONY Technology Center, Westmoreland County, Pennsylvania, SONY Electronics, Inc. Project Manager. Master planning through final design and consultation during construction services for the SONY manufacturing and technology facility. Goals included improving pedestrian and vehicular safety while creating a campus-like atmosphere at the facility.



ERIC HORVAT, PE, LEED AP

Senior Mechanical/Electrical Engineer

Education:

BS / 1998 / Architectural Engineering / Pennsylvania State University

Registration:

PE / MD / 34722 / 2007

LEED AP

Years Experience: 11

Years with KCI: 3

Experience:

Mr. Horvat has over 11 years of experience in the design & construction of mechanical, electrical, and plumbing systems for municipal, K-12, higher education, government, manufacturing, skilled nursing, multifamily, hospital, and clean room projects. Eric brings experience in design, budget and schedule management, construction estimating, negotiations, and project administration for systems such as: HVAC; controls; ductwork; domestic water piping; drain, waste, and vent piping; and power distribution. His relevant projects include:

Southwest Academy, Baltimore County, MD, Baltimore County Board of Education. Mechanical/Electrical Engineer KCI performed architectural/engineering, bidding support and construction administration services supporting renovations to an existing 136,000 square foot Middle School. Mr. Horvat provided electrical system design services during the completion of the project. The overall scope of work included replacing the domestic water piping systems; providing a new fire protection sprinkler system; replace lighting fixtures; replacing electrical distribution, wiring, panels and other wiring devices; replacing ceilings; replacing floor tile; replacing interior and exterior doors; replacing windows; refinish classroom tack boards; reconfigure cafeteria service area; providing new kitchen hood and provisions for make-up air; providing new security system; perform hazardous material abatement; providing two relocatable classrooms; renovate/ upgrade Science Labs and Art rooms.

Guard House and Access Road, Saint Vincent College, PA. Mechanical/Electrical Engineer. KCI prepared a design and construction documents for a new guard house structure located in the median of a new access road to the College. The unique guard house consists of an arched roof and is constructed on a radius within the center median of the roadway. Mr. Horvat was the lead professional during the construction administration effort and scheduled and led project meetings; managed the submittal process; coordinated design team and construction team members for issue resolution; reviewed and approved payment requisitions; managed construction inspection activities; and received closeout documentation.

Steam Tunnel Renovation, West Virginia University, WV. Mechanical/Electrical Engineer. KCI was hired to review the steam tunnel structural integrity and the integrity of various support mechanisms for the electrical and mechanical components within the tunnel. Mr. Horvat led the electrical and mechanical design teams which identified dysfunctional equipment during the survey effort including: failed and missing high voltage cable tray supports; failed high pressure steam line supports; broken lighting fixtures; and missing pipe/conduit supports. Once identified, solutions were designed and construction drawings and specifications were prepared.

Marina Tower Tenant Fit-out, Morgantown, WV. Mechanical/Electrical Engineer. KCI was hired to design and layout the electrical power, lighting, and fire alarm systems for a fit-out space within a core and shell speculative office building. Mr. Horvat led the design effort and successfully coordinated the space requirements with the existing normal and emergency power distribution within the building. Fire alarm devices were also designed to operate integrally with the core building systems. Open office lighting was provided using technologically advanced direct/indirect fixtures suspended by aircraft cable with dual ballasts and separate inboard/outboard lamp switching to accommodate various office tasks. The design was completed on schedule and within the allowable construction budget.



Construction Documentation Process

As standard procedure, Gerard Associates Architects, L.L.C. utilizes the following checklist in order to ensure a complete and accurate set of Contract Documents are produced.

- Review and update schedule of completion dates for projects within the office.
- Identify the project team, including consultants.
- Establish a clear chain of command and response for the Construction Documents.
- Identify all documents with project number and date.
- As documents develop, confer with and obtain further review from regulatory agencies such as:
 - Building Inspection
 - Dept. of Health
 - Other
- Check with the applicable regulatory agencies and establish schedule for submission and/or review.
- Coordinate the work with all team members, including consultants.
- Develop a list of required drawings; check requirements of the Owner and governing bodies.
- Review the completed working drawing index with all concerned parties. Obtain feedback and make revisions as necessary.
- Develop the consistent drawing format and title block information and distribute to consultants.
- If applicable, determine alternates, cash allowances and unit prices.
- Obtain Owner's instructions on insurance, bonds, construction agreements and bidding procedures.
- Submit copies of Specification's General and Supplementary Conditions for Owner's review, or obtain Owner's specific contract requirements.
- Determine what items, if any are to be furnished by the Owner and those not to be included in the contract.
- Monitor approval and permit process.
- Assemble final drawings and specifications for coordination.
- Conduct in-office review of all documents for consistency and accuracy.
- Conduct team meeting to resolve coordination issues.
- Revise documents as required.
- Assemble bidding documents for distribution.
- Prepare final calculations of net and gross building square footage.
- Submit drawing and Specifications to the Owner for review and approval.



Phases of Design / Construction

Gerard Associates Architects, L.L.C. utilizes the guidelines as set forth by the American Institute of Architects for categorizing projects into six (6) main categories of services. While the nature of each project is different and may require deviation from these guidelines, they are used by the firm as a starting point for determining professional fees, project schedules, construction budgets, and for the hiring of consultants. A break-down of each of the phases follows, with a corresponding break-down of the percent of time typically devoted to each phase and consequently the total percentage of fee associated with each phase.

DESIGN SERVICES

Phase 1 - Programming and Planning %15
Architect will meet with Owner to determine specific project requirements, goals of the project and apportionment of the budget. At this phase, basic requirements and relationships are defined, along with any necessary assessments of existing facilities and/or site conditions. As this is typically the most intensively interactive phase of the services, it requires Owner participation and availability for the exchange of information and ideas. The resultant documentation at this phase is typically a written document which records the results of the exchanges and the conclusions reached.

Phase 2 - Schematic Design %15
Architect will provide preliminary evaluation of the Program, Schedule, and Budget, each in terms of the other, review alternative approaches to design and construction, and prepare for approval of the owner, Schematic Design Documents consisting of drawings and other documents illustrating the scale and relationship of the project components. The Architect will then submit a preliminary estimate of construction cost based on accepted estimating techniques.

Phase 3 - Design Development %20
Based on the approved Schematic Design Documents, and any adjustments, the Architect will prepare, for approval of the Owner, Design Development Documents consisting of drawings and other documents to fix the size and character of the project as to architectural, structural, mechanical, and electrical systems, materials, and such other elements as may be appropriate. The Architect will then advise of any adjustments to the preliminary estimate of cost.

Phase 4 - Construction Documents %30
Based on the approved Design Development Documents, the Architect will prepare, for approval of the Owner, Construction documents consisting of Drawings and Specifications setting forth in detail, the requirements for the construction of the project. The Architect will assist the Owner in the preparation of necessary bidding information, advise of any adjustments to the preliminary estimate, and assist in filing documents required for governmental approvals.

CONSTRUCTION SERVICES

Phase 5 - Bidding/Negotiation Phase % 5
The Architect, following the Owner's approval of the Construction Documents and the latest preliminary estimate of Construction Cost, will assist the Owner in obtaining bids or negotiated proposals and assist in awarding and preparing contracts for construction.

Phase 6 - Construction Services %15
The Architect will provide administration of the Contract for Construction as set forth in the AIA Document A-201, General Conditions of the Contract for Construction. The Architect will be a representative of, and will advise and consult with the Owner. As such representative, he will visit the site at intervals appropriate to the progress of the work, and endeavor to guard the Owner against deficiencies and to determine if the work is being completed in accordance with the Construction Documents.



Scope of Construction Administration Services

Gerard Associates Architects, L.L.C, will provide administration of the Contract for Construction. A break-down of these services are as follows:

- Act as a representative of, advise and consult with the Owner.
- Visit the site at a minimum of every two week or as required by the pace of construction.
- Participate in regular progress meeting.
- Determine if the work is being completed in accordance with the Construction Documents and guard the Owner against deficiencies.
- Evaluate the Contractor's Application for Payment, review, certify the amounts due the Contractor, and issue Certificates of Payment in said amounts.
- Review quality and quantity of Work and ensure Work is in compliance with the Contract .
- Monitor progress of Contractor and verify progress against Project schedule.
- Review and approve submittals such as Shop Drawings, Product Data and Samples for conformance with the Contract Documents.
- Prepare Change Orders and Construction Change Directives, and authorize minor changes in the Work when appropriate.
- Review and respond to requests for information about the Contract Documents and issue written responses and when appropriate, supplemental drawings and Specifications.
- Conduct inspections to determine the date or dates of Substantial Completion and Final Completion.
- Issue Certificates of Substantial Completion.
- Forward to the Owner for his review and record, written warranties and related documents required by the Contract.
- Issue a Final Certificate of Payment.

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: Gerard Associates Architects, L.L.C.Authorized Signature:  PRINCIPAL Date: 09.11.09