

GANNETT FLEMING, INC. Suite 203 34 Commerce Drive Morgantown, WV 26501

Office: (304) 296-6492 Fax: (304) 296-6495 www.gannettfleming.com

March 18, 2011

Purchasing Division 2019 Washington Street, East P.O. Box 50130 Charleston, WV 25305-0130

Attn: Frank Whittaker, Senior Buyer

Re:

Expression of Interest (EOI)

Division of Natural Resources, Parks and Recreation Section

RFQ Number: DNRB11059

Dear Mr. Whittaker:

Gannett Fleming, Inc. (Gannett Fleming), is pleased to submit for your consideration this EOI for Architectural and Engineering Services related to the Canaan Valley Resort State Park Ski Area.

As the Project Manager, I will personally confirm that this project meets the expectations of the West Virginia Division of Natural Resources (WVDNR). We have assembled a Team of highly-qualified individuals in response to your advertisement. Our Team consists of multiple Gannett Fleming personnel in key disciplines and various office locations (primarily Morgantown, WV and Harrisburg, PA) supplemented by two subconsultants: DRS Architects from Pittsburgh, PA, and Stevens Engineering from New London, NH. Our project Team has the appropriate staff immediately available to meet your project schedule.

We look forward to your favorable review of our qualifications. We would also welcome the opportunity to present our credentials to you and look forward to the chance to discuss our capabilities with the selection committee. Please contact me at 304-296-6492 if you have any questions or if I can provide any clarifications regarding our qualifications.

Sincerely,

GANNETT FLEMING, INC.

Samer H. Petro, P.E.

Manager, West Virginia Operations

RECEIVED

SHP/mmk

201 MAR 22 A 10: 08:

PERCHASIMO DIVISION SEASE OF WY



Canaan Valley Resort State Park Ski Area and Other Improvements #DNRB11059 March 22, 2011

Cover Letter

Table of Contents

	Page
Professional Qualifications/Credentials	1
Specialized Experience/Technical Competence	9
Proposed Approach	16
Past Performance/Similar Projects	21
Key Personnel/Resumes	43
Other Required Information	
Request for Quotation	58
Purchasing Affidavit	62



Introduction

The Gannett Fleming Team is pleased to submit this Expression of Interest for the West Virginia Division of Natural Resources, Park and Recreation Section (WVDNR), to provide architectural, engineering, and related services for the construction of new facilities or rehabilitating existing facilities of Canaan Valley Resort State Park and Ski Area.

The Gannett Fleming Team represents three outstanding firms with state-wide and regional reputations for excellence in working with agencies that manage and operate parks throughout the U.S. Gannett Fleming's clients have included the National Park Service, the Natural Resources Conservation Service, the Pennsylvania Department of Conservation and Natural Resources, the U.S. Forest Service, and many others.

The Gannett Fleming Team consists of various Gannett Fleming personnel in key disciplines and office locations (Morgantown, WV; Pittsburgh, PA; and Harrisburg, PA), supplemented by DRS Architects from Pittsburgh, PA, and Stevens Engineering from New London, NH.

The following information addresses the specific evaluation criteria identified in the announcement, offering clear evidence of the experience and capabilities that uniquely qualify Gannett Fleming, DRS Architects, and Stevens Engineering to provide WVDNR with professional, timely, and cost-effective services.

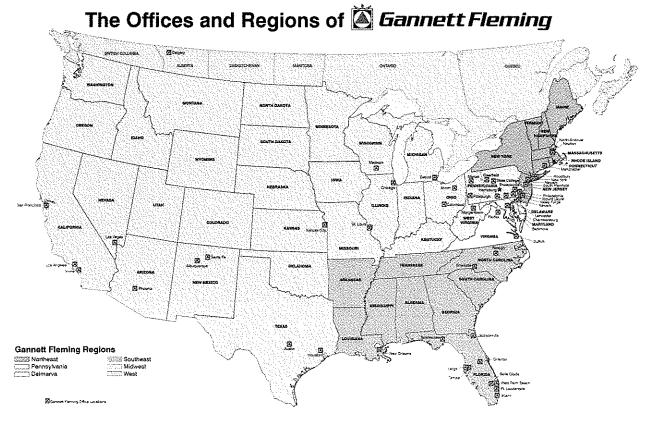


Gannett Fleming, Inc. (Gannett Fleming), is an international consulting engineering company active in almost every phase of consulting engineering since its establishment in 1915. Throughout the years, the company has performed more than 30,000 assignments in 50 states and in 20 countries. Gannett Fleming has expertise in bridge engineering, dam engineering, geotechnical engineering, water resources, environmental, transportation, and industrial services. We provide planning, plan development, construction engineering and management, and specialized services including: economic investigations; environmental analysis; land use planning; architectural; water resources; dams; flood control; structural and transportation design; geotechnical, geophysical and hydrogeologic engineering;

- Ranking consistently among Top 50 engineering firms in the United States by Engineering News-Record
- Providing multidisciplined engineering services for more than 95 Years
- Serving clients for 40+ years

mechanical/electrical design, computer-aided design; management information systems; and geographic information systems. The company and its wholly-owned subsidiaries employ more than 2,000 personnel with expertise in numerous disciplines. Gannett Fleming is listed among the nation's most prestigious engineering firms. *Engineering News-Record* (ENR) recently ranked Gannett Fleming 47th among the 500 leading U.S. consulting firms and 16th out of the top 50 firms in transportation, based on 2009 annual billings.





Gannett Fleming offers the specialized experiences necessary to successfully perform all of the required services in house. The firm has extensive experience and professional staffing with expertise in the following activities:

- Mechanical/HVAC
- Fire Protection/Life Safety
- Electrical
- Lighting
- Structural
- Security
- Data and Voice Communications
- Energy Management

- Audio Visual/Theatrical
- Computer Technology
- Acoustics
- Vertical Transportation
- Civil/Utility
- Geotechnical
- Traffic
- Landscape Architecture

Our Morgantown, WV Office is staffed with qualified and talented engineers and technicians. In addition to strong structural engineering capabilities, we offer in-house site/civil and geotechnical services.



Our Commitment to Quality is Centered on Project Management

Gannett Fleming has extensive experience with state contracting, including successful management of architectural/engineering (A/E) contracts. We understand the importance of quality, timeliness, and cost control, and have proven records of success in balancing these often-competing realities – even within today's fluctuating construction materials markets.

For a multi-disciplined A/E contract, strong project management is key to the success of every task. Gannett Fleming invests considerably in project manager training, and provides the latest tools to assist in keeping all assignments – large and small – on schedule and on budget.

Our Project Manager for this contract, Samer H. Petro, P.E., has participated on numerous architectural and engineering contracts for more than 20 years. He will bring the right people to each assignment, including niche subconsultants, through close coordination with our seasoned Task Managers.

The strength of the proposed project Team includes:

- An organizational structure including key personnel with prior state and other applicable management and design involvement using established design and quality guidelines.
- A project Team consisting of various Gannett Fleming personnel in key disciplines and office locations (Morgantown, WV; Pittsburgh, PA; and Harrisburg, PA), supplemented by two subconsultants: DRS Architects (architectural services), and Stevens Engineering (surface lifts and trail systems services).



DRS Architects (DRS), small business

Architects/Planners/Interior Designers

DRS is one of the leading architectural, planning, and interior design firms in western Pennsylvania for more than 50 years. DRS is a small business and enjoys a long-standing reputation in the management of the design process, in control of project costs and schedules, and design excellence.

DRS offers a broad range of traditional planning/design services that include architectural design, facilities analysis, feasibility studies, master planning, site planning, space programming, and interior design.

DRS has extensive experience in indefinite delivery contracts for governmental agencies that include the General Services Administration, Baltimore Corps of Engineers (BCOE), 911th Airlift Wing, and the U. S. Postal Service.



The firm is fully automated with several computer-aided design drafting (CADD) systems including Microstation, Version 8; AutoCAD 2009; and Revit. Members are currently using building information modeling (BIM) on several projects.

These CADD programs are using the preparation of design and construction documents as well as facility planning, programming, and analysis. DRS has been using CADD since 1983 and has completed more than \$3 billion in projects. DRS is fully networked, and project delivery and productivity is further enhanced by the use of the Internet for electronic construction document management. Further DRS project experience can be viewed at the firm's Web site, www.drsarchitects.com.

DRS has seven LEED-Accredited Professionals on staff. As a team effort, DRS emphasizes strategies for sustainable design, site development, water savings, energy efficiency, materials selection, and indoor environmental quality.



Stevens Engineering is recognized throughout North America for responsive planning and engineering design. With nearly 30 years of service to its clients, Stevens Engineering is an accomplished source for passenger ropeway engineering, planning and design of lift and trail systems, snow tubing park design, and mountain surveying.

Lift relocation engineering and the design of upgrades and modifications to existing lift installations are technical specialties at the core of the firm's capabilities. Stevens Engineering frequently assists lift manufacturers with the design of new installations, major lift upgrades, and lift profile surveying. Ski area clients often seek out the technical expertise and the knowledge of governing standards and regulations Stevens Engineering has to offer for assistance in preparing comprehensive and result-oriented bid specifications for future lift purchases and for expert witness representation.

Contract/Project Management

Gannett Fleming has identified key project personnel in the *Key Personnel* section of this submission to fill all roles required to successfully complete the project. The project will be managed from our Morgantown, WV Office. Samer H. Petro, P.E., will serve as our Project Manager.

Project Manager – Samer H. Petro, P.E., is the West Virginia Operations Manager and Senior Project Manager. Mr. Petro, a long-time Morgantown resident and a West Virginia University graduate, completed his BSCE in 1987 and his MSCE in 1993. His diverse background includes significant experience in both new construction and renovation of existing facilities, bridges, buildings, and civil infrastructure. He brings more than 20 years of total relevant experience to this project. Mr. Petro is very familiar with the Canaan Valley Resort State Park, and the Morgantown, WV Gannett



Fleming Office is located within a short driving distance from the site. He will be responsible for confirming that the requirements for each task are completed in a satisfactory manner and that the schedule is achieved. He will communicate regularly with park staff and the project team to check that the final products meet the expectations of the WVDNR.

Quality Assurance/Quality Control (QA/QC) – **Bradley A. Diffenbaugh, P.E.,** is a Senior Project Manager with Gannett Fleming. Mr. Diffenbaugh has extensive experience in structural facilities condition assessment and construction surveillance. This experience is significant because many of the projects he has been involved with have been multi-discipline design and construction projects, and the resulting field knowledge gives him a holistic perspective when performing constructability reviews of projects.

The Team consists of two subconsultants:

- DRS Architects will be responsible for architecture considerations including the Wobble Clay Shooting Range.
- Stevens Engineering will be responsible for existing surface lifts ski trails renovations or relocation and design of Magic Carpet.

The Gannett Fleming Team personnel shown in the organization chart and proposed in the *Key Personnel* section of this submission, possess the registrations and licenses required to perform studies, inspections, testing, design, and construction-phase services for this assignment.

Performance Capability

Our Team possesses sufficient capacity to provide the required engineering, architectural, and specialty services to accomplish the project goals with timely, cost-effective solutions, as well as the expertise to address unforeseen conditions and schedule aberrations.

Client Satisfaction Evaluation

Gannett Fleming solicits a Client Satisfaction Evaluation from each client, whether it be state, government, municipal, private industry, etc. Typically, Gannett Fleming receives responses from approximately 45 to 55 percent of those solicited. There are six individual measurement points – technical quality, timeliness, effectiveness, dependability/reliability, cooperation, and communication – and one overall performance assessment. Ratings are based on a scale of one through five, with five being the highest rating.



Performance

The records for 2003 to 2009 years are included for overall performance (2010 data not available at this time):

Year	Total # Responses	Highest Rating (#5)	Second Rating (#4)	Subtotal	% Total Responses
2003	320	168	99	267	83.4
2004	283	171	88	259	91.5
2005	302	191	95	286	94.7
2006	250	156	83	239	95.6
2007	263	180	68	248	94
2008	744	162	575	737	98.6
2009	225	151	62	213	94.6

This combined data represents a consistently high level of client satisfaction irrespective of client market sector in an increasingly critical environment.

Technical Quality

An important factor that contributes to the overall performance assessment is our clients' subjective evaluation of technical quality as shown:

	Total #	Highest	Second		% Total
Year	Responses	Rating (#5)	Rating (#4)	Subtotal	Responses
2003	230	136	68	204	88.7
2004	242	137	86	223	92.1
2005	275	174	86	260	94.5
2006	243	143	79	222	91.4
2007	69	43	20	63	91.3
2008	744	133	571	704	94.6
2009	225	139	64	203	90.2



Timeliness

Another critical factor that contributes to the overall assessment of performance is our clients' perception of our timeliness.

Year	Total # Responses	Highest Rating (#5)	Second Rating (#4)	Subtotal	% Total Responses
2003	231	132	65	197	85.3
2004	242	128	83	211	87.2
2005	275	149	94	243	88.4
2006	234	126	84	210	89.7
2007	69	41	22	63	91.3
2008	744	125	571	696	93.5
2009	225	130	64	194	86.2

Project Control

Gannett Fleming's methodology for management of the project and control of the schedule, quality, and costs is briefly outlined below.

<u>Project Understanding</u> – We will make certain that the Gannett Fleming/DRS Architects/Stevens Engineering Team understands the scope of work of the project as communicated with WVDNR staff to complete each task/phase of this project efficiently, within budget, and on time for conceptual design phase, construction document phase, and construction administration phase. The Team has developed a specific and detailed Project Understanding and Approach in the *Project Approach* section of this proposal. Our approach will of course be modified as required after discussions with the WVDNR.

<u>Project Staffing</u> – The project staff as identified in the Organization Chart (*Key Personnel* section) will be the personnel targeted to complete specific tasks and phases as described in the *Project Approach* section of this proposal. We will commit our experts based upon the demands of each task order.

Quality Assurance/Quality Control – Gannett Fleming's quality policy is to "provide professional services that meet the requirements of clients and involve all personnel in continually improving work processes." As part of that commitment, in 2007, Gannett Fleming set and achieved its goal of achieving ISO 9001:2000 certification for its quality management system. Today, the quality management system is in compliance with ISO 9001:2008. This certification, along with our corporate quality guidelines, establishes and monitors requirements for:

- Working with the client to establish an appropriate scope of work
- Allocating necessary resources to the project
- Monitoring the progress (cost and schedule) of the work
- Establishing and following project standards



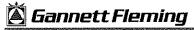
- Reporting progress to the client
- Checking and correcting work products
- Transmitting deliverables to the client
- Closing out the project

<u>Schedule Control</u> – The Project Manager will be responsible for maintaining the project schedule. He will be responsible for pulling the necessary personnel and resources to meet the needs of the task order and the established deadlines.

The Project Manager will work with WVDNR to establish reasonable schedules with associated deadlines for WVDNR input. The Project Manager will keep WVDNR staff informed of any seen or unforeseen changes to schedule regardless of reason, and will provide regular updates to the project schedule, alerting the park staff to potential schedule problems.

Scope/Cost Control - Gannett Fleming routinely manages well more than \$300 million in professional services on major project work each year. Additionally, we provide construction management services for several hundred million dollars of construction services annually. Cost containment is a basic criteria for virtually everything we do. It is imperative to our future that we maintain a competitive position in the marketplace. That means a constant, careful management of our costs. It is critical that our clients receive engineering services that are not only technically sound, but are performed within strict cost-control objectives and responsive to our clients' needs and expectations. Gannett Fleming will make certain that during the design process the Team delivers a well-conceived and complete work product. The Quality Assurance/Quality Control (QA/QC) Review Team will be actively involved throughout the entire design process to minimize any engineering-related design change. In addition, regularly-scheduled owner design and review sessions and associated design minutes should also confirm that the owners' input has been properly addressed and recorded. Those issues that do arise during the construction process that necessitate a change will be reviewed thoroughly with the owner and contractor to minimize the cost and scheduling impact of the change.

<u>Budget Tracking and Compliance</u> – Gannett Fleming proposes to use its existing management information system, BST Enterprise, in the planning, budgeting, cost tracking, and control of work assignments under this project. The existing management information system is PC-based and Internet accessible, which allows effective digital communication and use of data throughout the firm.



Gannett Fleming has selected a Team with qualifications to match the project requirements. Our proposed Team consists of a highly-qualified group of engineers, architects, planners, environmental scientists, and technicians who collectively possess the analytical and technical experience to provide the services necessary to design, specify, and construct improvements to the ski area and other facilities of the Canaan Valley Resort State Park. Gannett Fleming offers the following strengths:

- Facility planning, design, and construction inspection experience
- Employee-owned, discipline-based firm that responds to clients first and is not distracted by outside business concerns
- Corporate experience totaling 96 years
- Commitment to sustainability and energy efficiency in our design and practices

Specialized Experience

The Gannett Fleming Team specializes in designs for complex renovation projects where sensitivity to the project's tenants/owner is a high priority. This is demonstrated by our selected projects which involved highly-sensitive clients, such as the Hershey Lodge and Convention Center, Nemacolin Woodlands Resort and Spa, Wilson Lodge at Oglebay Park, and others. All of these projects involved multi-discipline services including architectural/interior design; site/civil; structural; mechanical, electrical, and plumbing; construction administration; and other services for the renovation and/or construction of new facilities for hospitality and government projects in West Virginia and neighboring states.

Sustainable Design

In recent years, there has been greater emphasis on using sustainable design practices. Gannett Fleming is an active proponent in the principles of sustainable design (energy conservation, pollution prevention, waste reduction, and the use of recovered materials) and has incorporated this philosophy on specific projects and in our core business practices. We are a member of the U.S. Green Building Council (USGBC), participate in applicable industry workshops, and have certified Leadership in Energy and Environmental Design (LEED) Accredited Professionals representing various disciplines including mechanical, electrical, and architectural.

Currently, Gannett Fleming employs more than 40 LEED-Accredited Professionals. These individuals successfully demonstrate knowledge of green building practices and principles as well as the LEED rating system, resources, and process. They continue to demonstrate Gannett Fleming's commitment to designing high-performance, energy-efficient, and environmentally-friendly facilities. Gannett Fleming uses integrated design approach and life-cycle costing to evaluate options that provide the most energy-efficient solution for each client.

Our dedication to implementing sustainable technologies and systems focuses on improving our personal performance through an improved working environment using more efficient and cost-effective building systems. Energy conservation, which favorably reduces source pollution, is an important aspect of our design philosophy, beginning

with the building envelope, efficient lighting, and efficient heating and cooling systems, supplemented by building management systems.

Our proposed project Team for this assignment consists of 19 LEED-Accredited Professionals. Additionally, Gannett Fleming has received LEED certification or registered (awaiting certification) for the following projects displaying the diversity of usage of sustainable design practices:

Project Title	Square Feet	Cost	Completed
Londonderry School District, Harrisburg, PA	26,000	\$3 million	2005
Harrisburg Area Community College, Harrisburg, PA	50,000	\$10 million	2006
Greater Richmond Transit Company, Richmond, VA	100,600	\$35 million	2010
Metropolitan Transit Authority Metro-North Railroad, Croton-on-Harmon, NY	180,000	\$48 million	ongoing
Northampton Borough Municipal Authority, Northampton, PA	31,500	\$25 million	2006
Exelon Renewal Energy Education Center, Fairless Hills, PA	4,000	\$1.5 million	2008
Pennsylvania Air National Guard (PAANG) Air Support Operations Squadron Bed-Down Facility, Annville, PA	34,100	million	ongoing
PAANG Troop Camp Dormitory, Annville, PA	16,150	\$4.7 million	ongoing
Campus Square Office Building, Harrisburg, PA	75,000	\$8.5 million	ongoing
PAANG Bldg 75 Maintenance Hangar Renovation, Harrisburg, PA	54,600	\$4 million	ongoing
Conowingo Dam Visitor Center, Darlington, MD	4,000	\$1 million	ongoing
New Jersey Turnpike Authority Interchange 8 Toll Facility, NJ	8,000	\$1 million	ongoing
PAANG Regional Support Group Headquarters Facility, PA	17,000	\$6.3 million	ongoing
Borland Lab Renovation, State College, PA	76,000	\$1 million	2008
School of Forest Resources, State College, PA	96,000	\$1 million	2006

Gannett Fleming provides a qualified Team and focused approach to performing energy and sustainability assessments. Our full-service, in-house capabilities include engineering, architectural, construction management, environmental, and specialty services that are focused on providing comprehensive energy management, design, and operations solutions. Our staff includes certified energy auditors, certified energy managers, certified lighting efficiency professionals, and high-performance building design professionals. Gannett Fleming's services include energy consultation and audit studies; energy modeling services; preliminary and final design services; construction management; equipment testing; start-up; commissioning; and ongoing services.

Our comprehensive energy assessment program gives our clients an objective analysis of their costs and operations. Such an analysis can provide the basis for energy conservation measures, improved facility management and operations, as well as implementation of sustainability practices. Gannett Fleming's in-house engineering and technical services are organized to positively support our clients' energy conservation

efforts and their energy service requirements. Our Energy Services Team has developed a detailed approach to identifying and evaluating the potential benefits of energy conservation measures, which has led to reduced operating costs for our clients. Our areas of expertise include:

- Structural Our structural staff has significant experience in the design of projects requiring the renovation and expansion of existing facilities. The renovation work has varied in complexity from repairing or strengthening existing members to completely replacing them while maintaining the integrity of the overall structural system. We have designed building expansions for single- and multiple-level structures as a result of the client's need to expand services or change the function or use of the facility. This design work has often been performed in a manner that allows the continuous operation of the facility during the construction phase.
- Electrical Our electrical design experience includes copper and fiber data networks; router/hub selection; wireless telemetry; and distance learning systems as well as traditional facility design; high-voltage applications; and retail lighting and power design. Our experience in power system design includes the phases of high-, medium-, and low-voltage power distribution systems; substations; protective relaying; emergency power; and cogeneration systems for industrial facilities. The comprehensive electrical services we have provided for special systems include lighting; telephone; security; fire protection/control; closed circuit television; card access; paging/intercom; and Uninterruptible Power Supply systems.

Our state-of-the-art power systems expertise gives us the ability to handle projects where system reliability and performance, along with meeting schedule and budget requirements, are critical client concerns. We have evaluated and modeled the adequacy and reliability of existing systems and auxiliary facilities and have completed many major renovations involving phase-by-phase design and construction with minimal disruption to our clients' active operations. Our electrical distribution systems are routinely modeled using interactive PC-based load flow and fault duty software programs to evaluate the adequacy of the existing systems. We are also well versed in control theory and application as well as the integration of existing multi-vendor systems. These systems include building automation systems; energy management systems; programmable logic controllers systems; the types of field instrumentation; computer systems; and operator interfaces such as human-machine interfaces, telemetry links, and data communications in support of a totally integrated design.

- Mechanical Our mechanical engineers are trained to use the latest design codes, industry standards, and CADD software. The mechanical services we provide include site inspection; feasibility and energy studies; design development; construction document development; and construction services for heating, ventilating, and air conditioning; and plumbing systems.
- Site/Civil Our civil engineers are trained to use the latest design codes, industry standards, and CADD software. The site/civil services we provide include site inspection; storm water management, site grading, and erosion

sediment control. Other services our civil engineers typically provide include waterline and sanitary sewer line connections to the site. In addition, our engineers typically prepare and submit agency permits requirements.

Construction Administration Services - We also have provided constructionrelated engineering services during the construction phase of almost all of our designs, including buildings, facilities, water treatment plants, site improvements projects, new construction projects, renovation projects, and many miles of water transmission/distribution main and wastewater conveyance/collection systems. Our services are tailored to the specific needs, size, and complexity of each individual project. This means providing all of the necessary management and technical services from planning and pre-design . . . through final design . . . during construction . . . and into operation. Specifically, our approach to Construction Administration includes developing a contract that contains language with specific milestones to be achieved (by the contractor) within a certain time frame, diligently monitoring progress, and challenging any slippage. Liquated damages may be associated with these milestones. Our goal is to provide comprehensive construction observation and monitoring of contractor progress, catch any schedule slippage early on, and compel corrective action at the earliest point possible. Our experience is that delays in contract completion are often due to slippage occurring early on in the critical path of activities. Our team has provided similar services and are familiar with hospitality projects and know what to look for, where to start, and what questions to ask the contractor. We intend to have the contractor submit a schedule for approval by Engineer/Architect (at the beginning of the project) and we will hold contractor accountable.

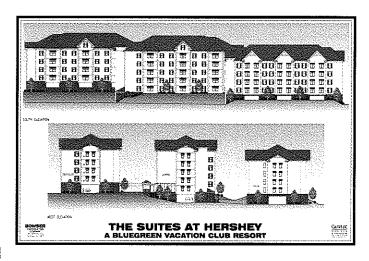
Of the many projects designed, inspected, and renovated by Gannett Fleming, several stand out as signature projects involving innovative methods and techniques and are relevant to the improvements of Canaan Valley State Park. The following few illustrations demonstrate our specialized experience:

Civil/Site Engineering for the
Expansion of Hershey Lodge and
Convention Center: Gannett Fleming
provided all civil/site engineering
services for expansion of the Hershey
Lodge and Convention Center. The
project consisted of constructing a
multi-story guestroom tower to
provide an additional 228 hotel rooms,
plus the construction of a three-story
building to provide an additional
35,000 square feet of exhibit space



and two levels of parking within the structure. Our firm also prepared construction plans to relocate a 12-inch-high pressure water main that crossed through the area designated for the new parking structure.

The Suite at Hershey/A Blue Green Vacation Club Resort: Gannett Fleming was retained to provide architectural/engineering services for a design-build project related to the design development phase for two multi-story, time-share condominiums with 54 two-bedroom units. Building B is a five-story, 45,000-square-foot facility, and Building C is four stories comprising 35,000 square feet. Both buildings have ground-level parking garages for the occupants. The buildings are connected at grade level



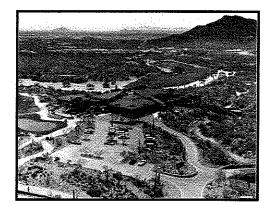
by an enclosed walkway bordering an indoor heated swimming pool. The sloped-glass swimming pool enclosure measures 2,150 square feet. Each 1,000-square-foot condominium unit has a living room, dining area, full kitchen, washer and dryer, a master bedroom and bath with a whirlpool tub, and a second bedroom and full bath.

Glen Canyon National Park Service: Gannett Fleming provided Title I, Title II, and Title III services for various task orders under an indefinite quantity contract. Work included preparation of utility system inventories and modeling and analysis studies, as well as plans, specifications, cost estimates, and bid documents for each project. Inspection services verified that finished construction conformed to contract documents.



Desert Mountain Surveying and Engineering Services, Scottsdale, Arizona: Gannett Fleming provided extensive surveying and engineering services for Desert Mountain, a 9,000-acre planned residential and resort hillside community in north Scottsdale with six, 18-hole golf courses which were designed by Jack Nicklaus. Our firm produced the development's three wastewater master plans, the original drainage master plan, the comprehensive 2002 water master plan, and the 1998 circulation master plan. Our firm

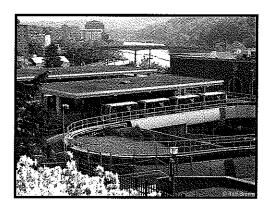
provided mapping control surveys, prepared several American Land Title Association surveys, and performed numerous topographic design surveys. Gannett Fleming also provided control surveying services; hydrologic and hydraulic analysis and design; grading and drainage design; utility planning and design; a native plant count and identification; golf cart underpass design; and retaining wall design for four of six professionally-designed golf courses. The work adhered to the client's requirements for aesthetically pleasing, economical designs, and to the regulations of



Scottsdale's Environmentally Sensitive Lands Ordinance or Hillside Ordinance. The

designs were planned to blend into and not to disturb the environmentally-sensitive Sonoran Desert.

West Virginia University: Gannett Fleming was retained to create a facilities master plan for an automated people-mover known as the Morgantown Personal Rapid Transit System (MPRT), which operates between the various campuses of West Virginia University. The master plan provided an assessment of existing facilities conditions, options for future improvements, public involvement, and financial planning. Services included the structural condition inspection of the MPRT stations and



maintenance facilities (seven structures total) and significant coordination with various disciplines (site/civil, structural, electrical, transit, planning), and stakeholders.

The following projects demonstrate the specialized experience of DRS Architects:

Nemacolin Woodlands Chateau I and II: DRS completed the design, construction documents and construction administration of a luxury resort hotel in association with another architect. The project was completed via the design/build method. The hotel contains 120 guestrooms and suites along with an upscale restaurant, tea room, shops and other support facilities. The hotel is part of a resort complex which contains additional hotel facilities.

DRS completed a master plan for the Resort and construction documents for a 386,000 square foot Chateau Lafayette II (guestrooms) and Ballroom/Kitchen additions. This facility is designed to be a Five Star Hotel and includes 224 luxury guestrooms, concierge lounge, presidential suite, café, Grand Ballroom, meeting rooms, and support facilities.

<u>Wilson Lodge at Oglebay Park Guestroom Addition:</u> The four-story, 46,000 square foot addition is the first new guestroom addition at Oglebay Resort in 25 years. The new building has 53 luxury rooms and increased the total Wilson Lodge inventory to 265 rooms. All of the new guestrooms have minibars, exterior balconies or patios at grade, and large 5-fixture bathrooms with 2 sinks, separate glass-enclosed shower and bathtubs. All King guestrooms have gas fireplaces. The room mix is 36 Double Queens, 8 Kings, 4 ADA accessible, and 5 suites.

DRS worked closely with the consulting interior designer to integrate finishes and lighting into the overall project

<u>Sewickley Heights Gun Club:</u> The Sewickley Heights Gun Club is located on a 7-acre parcel as part of the 1,000-acre Sewickley Heights Park System. DRS was retained to layout and design the trap field for the club. The trap house was constructed of precast concrete. All Borough and State approvals were obtained for the trap range.



Another project at the Sewickley Heights Gun Club was the design of a Lodge for the Stonedale Guns Club, which is located adjacent to the trap field. This rustic log structure has a front porch with seating area for viewing the trap field. Inside the Lodge the ceiling structure is exposed with wood panel walls and wood floor. Along the front window wall facing the trap field is a continuous side table. There is lounge seating facing the stone fireplace with tables for dining and recreation. Special attention was paid to the detailing of the gunracks.

Stevens Engineering has extensive experience in lift location planning, lift relocation engineering, surface lifts, conveyors, and zip lines. Specific projects are outlined in the Past Performance/Similar Projects Section.

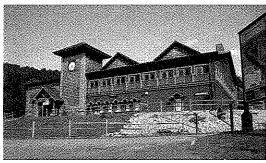
Proposed Understanding and Approach

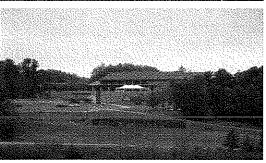
Skier Surface Conveyor System

The Canaan Valley Ski area has a Main Lodge with several support buildings. Upper and lower parking lots are adjacent to the lodge. The upper parking lot connects directly to the intermediate and expert ski slopes; the lower to the beginner slopes and warming hut. Currently, access from the Main Lodge to the lower ski lift area is through the two parking lots. Visitors can also access the Main Lodge via ski runs.

The Team's understanding of the scope of the work is that construction of a skier surface conveyor system "Magic Carpet" will move skiers between the base facility to the lower ski lift area. The "Magic Carpet" will serve as a "Turtle Slide" in the summer season. The photographs at right show the change in grade between the Main Lodge, upper parking lot, lower parking lot, and lower ski area with warming hut.

As part of the design process, Stevens Engineering and Gannett Fleming will look at alternate alignments for the surface conveyor system. Based on input from the stakeholders, we will select a preferred alignment. Gannett Fleming's structural and electrical engineers will assist Stevens Engineering with the design and documentation for permanent foundations, as required, for the "Magic Carpet" system. Additionally, input will be provided where required site alterations may result in concrete retaining-type structures. Our engineers have experience with surface-type conveyor systems and will be able to develop a functional "Magic Carpet" in concert with the manufacturer to serve the skiers at Canaan Valley.









Wobble Clay Shooting Range

If a location has not been previously identified, an appropriate location for the wobble clay shooting range can be selected taking into account safety and noise considerations. A challenging variation of a standard trap is wobble clay shooting. It is made more difficult than standard trap shooting due to the trap oscillating not only up and down, but side-to-side as well. This form of trap shooting is a more realistic

PROPOSED APPROACH

preparation for bird hunting. Our research has shown that there is a wobble clay range located at Cacapon Resort State Park in Berkeley Springs, WV. The wobble clay shooting range can expand the venues available to the visitors to Canaan Valley State Park.

DRS was commissioned by the Sewickley Heights Gun Club to plan and design a trap field with a precast trap house for the Club. Another project included the design of a Lodge for the Stonedale Guns Club adjacent to the trap field. Additional information on this project can be found in the project descriptions, which are part of this Expression of Interest.

Water Well

It has been determined that an additional water well needs to be provided at Canaan Valley Resort. The new well needs to be in a different aquifer than the existing ones. Gannett Fleming has extensive experience with completing hydrogeological evaluations related to the development of drinking, commercial, and industrial water supply wells. These evaluations have been made for the development of new groundwater resources to meet demands of less than 10,005 gallons per day and more than one million gallons per day. Our hydrogeologist are experienced at evaluating both bedrock and unconsolidated sand and gravel aquifers to improve the success of developing groundwater supplies that can meet the client's demands and water qualities. Typical evaluations include research of existing supplies and publish information of the local aquifers, a groundwater availability analysis, selection of test well sites, design of final well, yield and water quality testing, and design of appropriate design and storage facilities that meet regulatory standards.

Repaving and Repair of Parking Lots

Adjacent to the ski lodge, there are two main parking lots that have been previously discussed in this Expression of Interest. Repairs need to be made to the gravel parking lot, as well as repaving of another lot. Gannett Fleming's civil engineers have extensive experience in all types of road and parking lot design and repair including stormwater drainage and management. They are also familiar with the local and state codes and National Pollution Discharge Elimination System approval and permitting process.

Other Related or Required Improvements

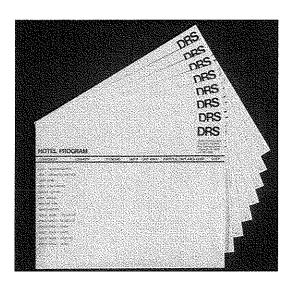
Stevens Engineering will also evaluate other improvements that include renovation expansion and repairs to the snow making capabilities of the facility and developing specifications for new snow making guns. Another facility that the design team will consider is a new building or facility near the existing location of the C-Lift. DRS Architects have extensive experience in designing hospitality type facilities including architectural/interior design, planning, site analysis, and cost estimating.

During the process of designing the above facilities, other improvements may be identified and added to the scope of work for this project.

Project Approach

As discussed in the *Professional Qualifications* section of this proposal, we have indicated that the Gannett Fleming/DRS Architects/Stevens Engineering Team has extensive experience in all aspects of the tasks that WVDNR have identified in this Expression of Interest. Our project experience and resumes show the depth of our experience and the knowledge of resort and hospitality facilities.

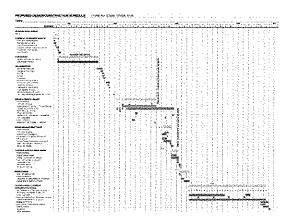
Typically, the design of a project of this size and scope would consist of five phases. These include schematic design, design development, construction documents, bidding and



construction administration. The first step is to identify the stakeholders who will work with the Design Team on the project, which we would presume to include the resort and the state.

Schematic Design Phase

During the Schematic Design Phase, we will work with the stakeholders to establish a project schedule to set all milestones for the project; set meeting dates; and finalize a program for the new guest lodge and renovation of a portion of the old lodges. The program will indicate the type of guestroom mix which could include kings, double doubles, and suites. We are very familiar with guestroom requirements and layouts that ideally suit resorts.



The program will also include any other space and amenities associated with the new lodge additions and renovations. The program requirements for the other elements discussed above such as the skiers surface conveyor system, wobble clay shooting range, water well, repaving and repair of parking lots, and any other required improvements will be documented.

Once the program has been approved, we will come to the resort for a two-day work session to develop alternative ideas for the various elements of the program. Based on feedback from the stakeholders, we will select a preferred scheme for each element. The preferred scheme will be further developed so that all parties will have an understanding of the schematic design. We will need to determine if any portions of the project will be phased to accommodate continuous operations of the resort. The schematic design will include site plans; architectural/interior design drawings; description of civil, structural, mechanical, and electrical systems; and a preliminary cost estimate. The schematic design will be submitted to the stakeholders for approval.

Design Development Phase

The Design Development Phase will kick off with a meeting with the stakeholders to discuss any comments from the schematic design that need to be incorporated into the design. The Design Development Phase will further refine and develop the drawings with input at review meetings at the resort. Sketches and elevations will be developed to illustrate the character of the design, particularly in the new lodge and renovations to the existing lodge.

During this phase, a code review will be completed and drawings will be submitted for preliminary meetings with local and state agencies to establish regulatory requirements. The design development documents will be finalized and will include drawings for civil, architectural/interior design, structural, mechanical, and electrical systems. Outline specifications will be developed that define the materials that will be used in the construction of the project. The schedule will also be updated and a more detailed cost estimate will be completed. The design development documents will be submitted to the stakeholders for approval.

Construction Documents Phase

The Construction Documents Phase will kick off with a meeting with the stakeholders to discuss any comments from the design development which need to be incorporated into the design. Meetings will be held to finalize the design for all elements of the project. The construction documents will be completed and include drawings for civil, architectural/interior design, structural, mechanical, and electrical systems. Project specifications that identify all materials to be used on the project will be completed. The schedule will also be finalized and a detailed cost estimate provided. During the construction document process, submittals will be made for approval to the various agencies that will govern the construction of this project. The construction documents will be submitted to the stakeholders for approval. All revisions will be made to the construction documents prior to release for bidding.

Bidding Phase

The construction of the project will be advertised and the documents will be issued to the contractors. During the Bidding Phase, the Design Team will attend the pre-bid conference, clarify and interpret the documents, issue any addenda as necessary and assist with the analysis of the bids and award of the contract. The interior design documents for furniture, fixtures, and equipment will be bid approximately eight months prior to completion of the project.

Construction Administration Phase

The construction administration portion of the project will begin with notice-to-proceed to the contractors. To assist in keeping this project on schedule, Raymond A. Wright of Gannett Fleming will be responsible for construction administration. Ray has experience with numerous facility projects including a major hospitality quality project in Pittsburgh. In addition, the Design Team will attend job conferences on a periodic basis, depending on the construction activity, to respond to requests for information, to review and approve shop drawings, to issue change orders as required, and to review



PROPOSED APPROACH

payment requests from the contractors. At the end of the project, punch list and commissioning will be completed along with the installation of the furniture, fixtures, and equipment. As-built drawings will be completed based on contractor's marked-up drawings and project closeout will occur.

The above description is our understanding of the project scope and approach to the design process. We have also indicated some of our experience for each of the project elements and refer you to the project descriptions and resumes for a more in-depth review of the experience and capabilities of the Gannett Fleming/DRS Architects/Stevens Engineering Team.



CIVIL/SITE ENGINEERING FOR EXPANSION OF HERSHEY LODGE AND CONVENTION CENTER

As part of a design team, Gannett Fleming provided all civil/site engineering services for expansion of the Hershey Lodge and Convention Center. The project consisted of constructing a multi-story guest room tower to provide an additional 228 hotel rooms, plus the construction of a three-story building to provide an additional 35,000 square feet of exhibit space and two levels of parking within the structure. Our firm prepared construction plans to relocate a 12-inch high-pressure water main that crossed through the area designated for the new parking structure. In addition to the water main, the site was also home to major duct banks originally installed by the old Hershey Electric Company. Many of the conduits within the banks were abandoned and were available for reuse to pull site electrical feeds through. We performed a detailed analysis on the existing banks to determine their condition. Because some excavation activities were required over top of the banks, we also determined their location with a degree of accuracy to make sure that minimum cover was maintained.

Special Features

- Maximized available parking
- Minimized the environmental impact to the surrounding landscape

Client: Hershey Entertainment & Resorts

Company

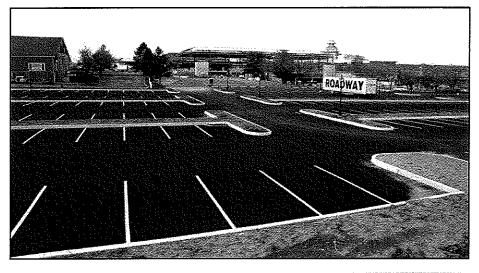
Location: Hershey, Pennsylvania Construction Cost: \$26 Million

• Designed two +700-space surface parking lots

- Incorporated interior travel ways to improve circulation and blend across the two-story parking structure
- Designed economical stormwater management system
- Designed a new stormwater detention pond
- Incorporated the stormwater controls with the proposed parking areas, while maximizing vegetative coverages
- Evaluated abandoned electrical duct banks for future
 use

Services Provided

- Surveying
- Geotechnical investigations including field observation and borings
- Hydrologic and hydraulic analyses
- Structural and civil site design
- Traffic impact study
- · Erosion and sediment pollution control plan
- Land development plans and various other permit applications preparation





THE SUITES AT HERSHEY CONDOMINIUM RESORT

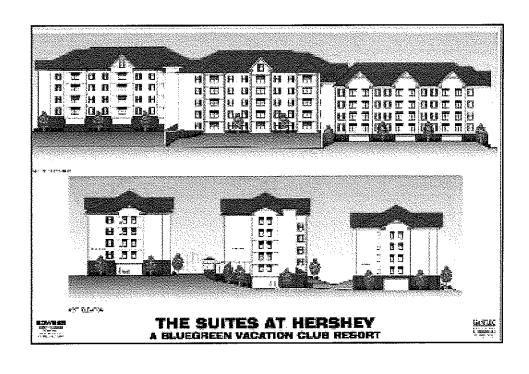
Ganflec was retained to provide architectural/ engineering services for a design-build project related to the design development phase for two multi-story, time-share condominiums with 54 two-bedroom units. Building B is a five-story, 45,000-square-foot facility, and Building C is four stories comprising 35,000 square feet. Both buildings have ground-level parking garages for the occupants. The buildings are connected at grade level by an enclosed walkway bordering an indoor heated swimming pool. The sloped-glass swimming pool enclosure measures 2,150 square feet. Each 1,000-square-foot condominium unit has a living room, dining area, full kitchen, washer and dryer, a master bedroom and bath with a whirlpool tub, and a second bedroom

Client: Bowser Construction Company

Location: Hershey, Pennsylvania

Design Components

- Masonry bearing wall structures
- Precast concrete-plank floors
- Metal roof trusses
- Foundation system of spread footings
- · Masonry shear walls for lateral-load resistance



and full bath.

NATIONAL PARK SERVICE INDEFINITE QUANTITY CONTRACT - UTILITY SYSTEMS

Client: National Park Service

Location: Eight National Parks, Arizona,

Colorado, Utah

Gannett Fleming provided Title I, Title II, and/or Title III services for various task orders under an indefi nite quantity contract. Work included preparation of utility system inventories and modeling and analysis studies, as well as plans, specifications, cost estimates, and bid documents for each project. Inspection services verified that fi nished construction conformed to contract documents.

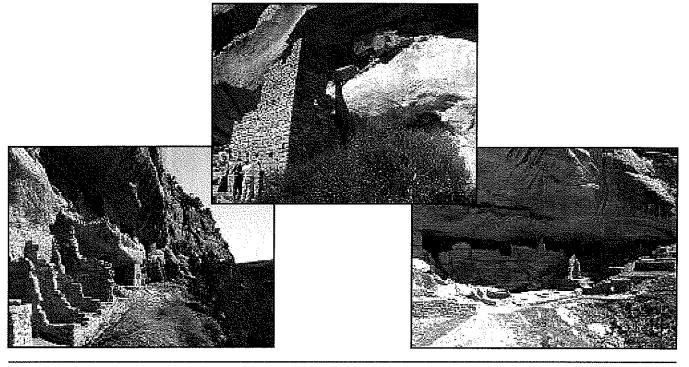
Project Services

- Utility system inventories
- Modeling and analysis studies
- Plans, specifications, and cost estimates

Bid documents and construction inspection

Utility and Utility Systems Projects

- Drinking water source protection plans
- Replacement of a failed septic system
- Replacement of a sewage lift station and force main
- Fire detection and suppression system
- New septic system
- Renovation or replacement of a telephone system
- Renovation of an electrical system
- Evaluation of unstable rock masses
- New water transmission line and pressure-reducing vault



DESERT MOUNTAIN

Gannett Fleming has provided extensive surveying and engineering services for Desert Mountain, a 9,000-acre planned residential and resort hillside community in north Scottsdale with six 18-hole golf courses designed by Jack Nicklaus.

Our firm produced three wastewater master plans, the original drainage master plan, the comprehensive 2002 water master plan, and the 1998 circulation master plan for the development.

We provided mapping control surveys, prepared several ALTA surveys, and performed numerous topographic design surveys.

Our civil engineering design services included:

- Infrastructure design and improvement plan preparation for 13 residential, custom single-family subdivisions
- Design of the four-phase Desert Mountain Parkway, a 1.7-mile, four-lane bifurcated scenic hillside drive
- Infrastructure design and improvement plans for the Sonoran Clubhouse, a swim and tennis community center, the Desert Mountain Properties corporate headquarters, the Cochise-Geronimo maintenance facility, the Apache golf clubhouse, and the Chiricahua satellite golf maintenance facility
- Roadway, drainage, and utility (water and sewer)
 design for the Cochise—Geronimo golf entrance road
 (1/3 mile) as part of the reconstruction of Desert
 Hills Drive and Cave Creek Road and the Saguaro
 Forest Drive (1.1 miles)
- Design of Desert Mountain sewage Lift Station No.
 5 and the Phase III Desert Mountain interceptor sewer

Client: Desert Mountain Properties

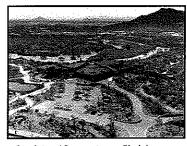
Location: Scottsdale, Arizona

Our firm also provided control surveying services, hydrologic and hydraulic analysis and design, grading and drainage design, utility planning and design, native plant count and identification, golf cart underpass design, and retaining wall design for four of the six professionally designed golf courses.

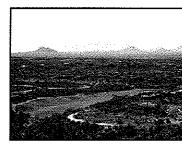
The work adhered to Desert Mountain's requirements for aesthetically pleasing, economical designs, and to the regulations of Scottsdale's Environmentally Sensitive Land Ordinance (ESLO) or Hillside Ordinance. The designs were planned to blend in and not disturb the environmentally sensitive Sonoran Desert.

Services Provided

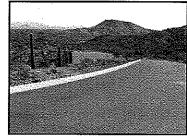
- Design, ALTA, and mapping control surveys
- · Zoning and Development Review Board submittals
- Preliminary and final plats
- Maps of dedication
- Legal descriptions
- Master hydrology, grading, and drainage reports
- Master plans for water, sewer, storm drainage, and circulation
- Infrastructure design for residential subdivisions, golf clubhouse, and maintenance facilities
- · Roadway design
- Retaining wall design
- Value engineering
- Golf course civil engineering



Cochise/Geronimo Clubhouse



Desert Mountain Golf



Chiricahua Pass



Sunnyside Up Streetscape and Infrastructure Improvements

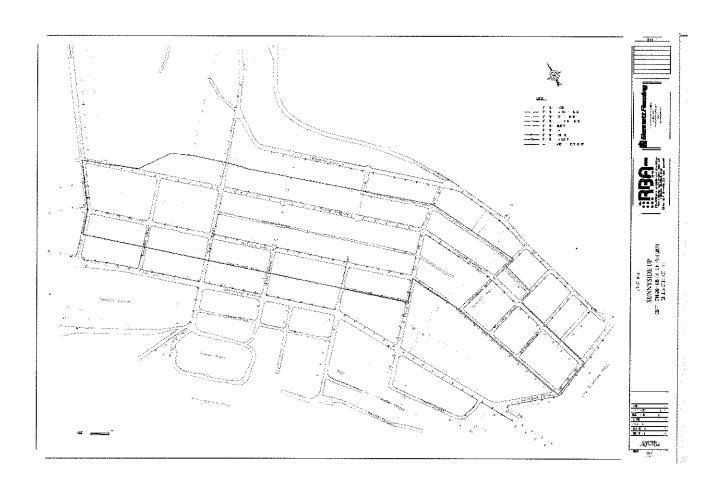
Owner: Sunnyside Up, Campus Neighborhood

Revitalization Corporation

Location: Morgantown, West Virginia

Firm Fee: \$26,000

Gannett Fleming provided engineering services to Sunnyside Up-Campus Neighborhoods Revitalization Corporation (CNRC) for the design and planning of streetscape and infrastructure improvements within City of Morgantown. CNRC is a collaborative partnership between the City of Morgantown and West Virginia University.



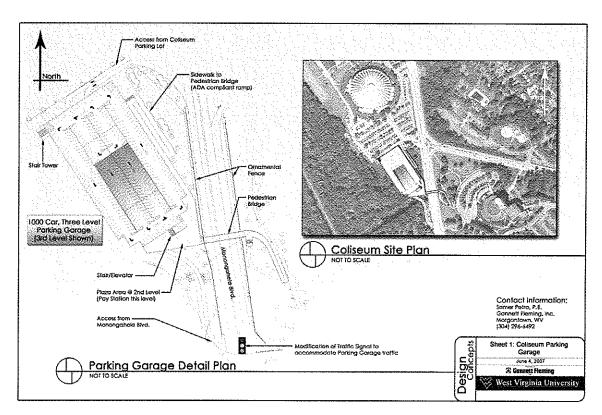
West Virginia University Pedestrian Bridge & Parking Garage Concepts

Client: West Virginia University
Location: Morgantown, West Virginia

Parking Garage Concept & Renderings

Gannett Fleming, Inc. recently completed a conceptual layout of a multi-level parking facility accommodating 1017 vehicles. The footprint of the garage is optimized with respect to geographic contour and minimized with respect to footprint. With its circular traffic flow pattern and with two entrances/exits at opposite positions in the garage, the layout of the parking garage equally addresses both daily and event parking.

In developing this layout we considered the dual function of the garage: to provide parking for events at the Coliseum as well parking for students accessing the pedestrian bridge to the CAC. To accommodate event parking which needs to fill and empty within about an hour, multiple access lanes in and access lanes out will be required. It is assumed for events that cashiers will collect parking fees prior to the event and gates will remain in the open position to allow cars to exit after the event. For non-event student parking, pay on foot revenue control will be implemented with automated cashier stations on the ground level, Level 1, and Level 2 near the bridge. Diagonal parking with one-way travel is shown since this will allow vehicles to get in quickly, find a space, and exit quickly after the event.



West Virginia University Pedestrian Bridge & Parking Garage Concepts (continued)

Client: West Virginia University

Location: Morgantown, West Virginia

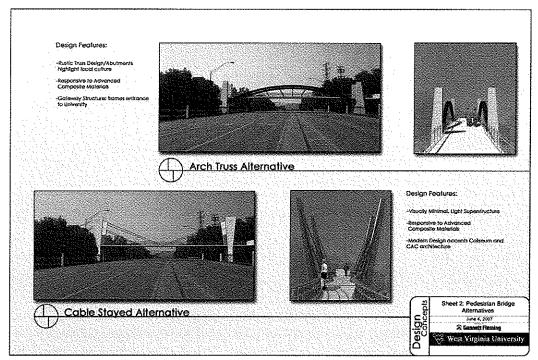
Bridge Concepts & Renderings

Gannett Fleming, Inc. recently completed conceptual design and renderings of a pedestrian bridge that links a proposed parking facility and the Creative Arts Center (CAC) crossing the Monongahela Boulevard on the Evansdale campus. The pedestrian bridge concepts reflect a modern and fresh look that is inviting to and exciting for both pedestrians and bicyclists. In addition, both concepts accent the Coliseum and CAC architecture in the use of massive concrete substructures as illustrated in our renderings.

Our first concept is a cable-stayed pedestrian bridge with tapered pylons tapering in two directions. The open and tapered shape is the invitation to walk through the structure to the parking garage or to the Coliseum. The cable stayed concept reflects the light nature of its pedestrian traffic.

Our second concept is an attractive and modern steel arch pedestrian bridge. This concept also has two massive and majestic abutments that highlight local culture and signify a gateway to Morgantown and WVU. This concept presents a monumental structure.

Both concepts are responsive to advanced composite materials or Fiber Reinforced Polymers (FRP) which are new materials unlike any other and their application to bridges for structural members, retrofits and deck construction is just beginning to emerge. With a projected service life of up to 100 years, it has advantages that simply cannot be overlooked. Other features incorporated in our concepts are the bridge approaches (ramps) on the CAC side which are a significant component of the pedestrian bridge from a visual and functional perspective.





West Virginia University Facilities Master Plan

Owner: West Virginia University Location: Morgantown, West Virginia

Firm Fee: \$565,183

Gannett Fleming was selected by West Virginia University to complete a Facilities Master Plan for the Personal Rapid Transit (PRT) system. The master plan included an assessment of the existing systems and subsystems, determining the future viability of the system which included an extensive public involvement component, options for upgrades/improvements of the system, and a financial plan to identify funding possibilities to

implement the desired upgrades/improvements. This project kicked-off in August of 2008.





WATER RESOURCES PLANS

Client: USDA N

USDA Natural Resources Conservation

Service

Location: West Virginia

Gannett Fleming has played a key role on the project team with MSES Consultants, Inc. (Team Principal) to develop several county wide and/or watershed basin wide water resources plans for the USDA Natural Resources Conservation Service.

The water resources assessment projects result in development plans to be used by Federal, State and local government to assess future water resource related projects and aid in land use and development planning. Flooding, wetlands, grazing lands, streambank erosion, multi-purpose flood control, water supply, and recreation dams, alternate water supply, water quality, and forest management are some of the primary resource issues that are addressed in the plans. Since much of West Virginia's water resources suffer from the effects of both surface and deep coal mining, many of the county residents were very interested in the portion of the plans that dealt with development of a practical improvement plan for existing water systems and extensions to currently unserved areas. Some of the plans recommended dams, both conventional earth and rock fill and RCC dams, as a primary water source.

All of the studies included elements of the following nine primary tasks:

- Inventory of existing data, conditions, and resources
- Determine problems and needs
- Determine obstacles to improvements
- Evaluate current system capability
- Prepare alternative solutions
- Coordination with local, State, and Federal agencies

- Planning level design and cost estimates for county raw water sources, intakes, treatment, and distribution along with of regionalization of systems
- Evaluation of benefits and effects
- Preparation and presentation of final report
- All of the recommendations for the plans included elements of the following details and cost estimates
- Various regionalization measures
- Enhancement and expansion of existing groundwater supplies
- Implementation of various distribution pipeline, pumping and storage improvements
- Multiple purpose dams and reservoirs to provide raw water supply, flood control, and recreation benefits

The West Virginia water resources plans include:

- Randolph County County wide
- McDowell County County wide
- Fayette County County wide
- Wetzel County Fishing Creek watershed basin
- Grant and Pendleton Counties North Fork South Branch Potomac River watershed basin (plan in progress)



OSAGE MINE COMPLEX

Client:

WVDEP

Location:

Monongalia County, West Virginia

Design Fee:

\$38,000

Gannett Fleming provided engineering design and construction documents for the restoration of five sites at the Osage Mine Complex. The work included development of construction plans, specifications and cost estimates. The project consisted of the installation of eight bat gates and six wet mine seals.

Other significant design features include:
A temporary stream crossing
Stream bank protection
Access road restoration
Removal of existing buildings and foundations
Slope remediation
Rip Rap lined ditches
Grading
Erosion and Sediment Controls



Wet mine seal with rip rap channel



Bat Gate with rip rap channel



Bat Gate with rip rap channel



Culverts with rip rap channels



NEMACOLIN WOODLANDS CHATEAU I AND II FARMINGTON, PENNSYLVANIA

OWNER

Nemacolin Woodlands

ROLE

Project Management
Architectural Design
Interior Design
Contract Documents
Construction Administration
Coordination of engineering disciplines

SQUARE FOOTAGE

670,870 SF overall

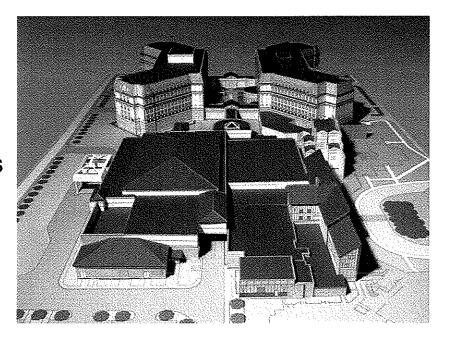
COMPLETION

1997—Chateau I four story addition 2002 Master Plan 2003 Chateau II—Construction Documents

REFERENCE

Matt Delman, Director of Projects Nemacolin Woodlands Resort and Spa 1001 Lafayette Drive Farmington, PA 15437 Phone: 724-329-6360

Phone: 724-329-6360 Fax: 724-329-6562



DRS completed the design, construction documents and construction administration of a luxury resort hotel in association with another architect. The project was completed via the design/build method. The hotel contains 120 guestrooms and suites along with an upscale restaurant, tea room, shops and other support facilities. The hotel is part of a resort complex which contains additional hotel facilities.

DRS completed a master plan for the Resort and construction documents for a 386,000 SF Chateau Lafayette II (guestrooms) and Ballroom/Kitchen additions. This facility is designed to be a Five Star Hotel and includes 224 luxury guestrooms, concierge lounge, presidential suite, café, Grand Ballroom, meeting rooms and support facilities.

The 220,000 SF, 224 guestroom six story addition with full basement was designed to meet seven primary Owner goals:

- Double the number of guestrooms
- •Meet Mobil Guide 5-star accommodations
- •Mirror Chateau I in plan and elevation
- Consolidate support functions to Lower Levels
- Provide a separate, accessible building entrance for the guestroom addition
- •Provide a landscaped courtyard for outdoor functions

The design for the new 166,000 SF Ballroom/Kitchen Addition was completed by DRS. This new three-level addition met four primary Owner goals:

- •Provide a 16,000 SF Ballroom/Exhibit Hall
- •Provide 14,000 SF of state-of-the-art kitchens and bakeries
- •Improve and consolidate employee facilities
- •Phase construction for minimal impact to operations.



ELITE LOUNGE FALLING ROCK NEMACOLIN WOODLANDS FARMINGTON, PENNSYLVANIA

OWNER

Nemacolin Woodlands

ROLE

Project Management Interior Design

CONSTRUCTION COST Withheld by Owner

Square Footage 1,025 SF

COMPLETION 2006

REFERENCE

Matt Delman, Director of Projects Nemacolin Woodlands Resort and Spa 1001 Lafayette Drive Farmington, PA 15437 Phone: 724-329-6360

Fax: 724-329-6360



When Nemacolin Woodlands Resort & Spa developed their elite, golf club membership package, they needed an appropriate space for those members to relax prior to and just after a round of golf. The Elite Club Lounge was born.

Housed in the Falling Rock Media and Banquet Center, which supports the Five Star, \$40M Falling Rock Hotel at Nemacolin Woodlands Resort and Spa, DRS maintained the style and ambiance of the craftsman style facility developed by the original architect.



DRS repeated detailing that already existed in the banquet halls, and designed a custom bar and food service area with similar details. Furniture and accessories were selected for both their high craftsman style and appropriate function. Since the facility was to open for a particular opening event, a quick delivery schedule was also important. DRS selected materials and finishes that would compliment the overall building and still make the tight schedules.



Here members relax, post their scores, enjoy a cocktail or browse through golf related reading materials.





THE LODGE NEMACOLIN WOODLANDS FARMINGTON, PENNSYLVANIA

Role: PRIME
Project Management
Planning
Architectural Design
Coordination of all engineering disciplines
Construction Administration

SERVICES PROVIDED Architectural Design Interior Detailing

CONSTRUCTION COSTWithheld by Owner

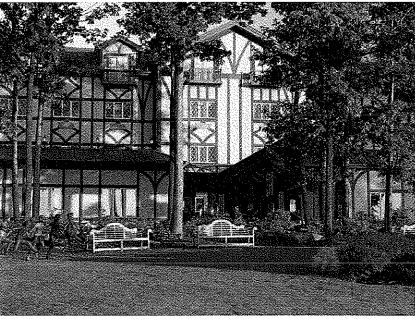
SQUARE FOOTAGE 10,000 SF

COMPLETION 2001

REFERENCE

Matt Delman, Director of Projects Nemacolin Woodlands Resort and Spa 1001 Lafayette Drive Farmington PA 15437 Phone: 724-329-6360

Fax: 724-329-6562



DRS completed renovations to the Lodge at Nemacolin Woodlands Resort & Spa. The original Lodge was part of a hunting camp developed by Rockwell International. The purpose of the renovation was to upgrade the mechanical/plumbing/life safety systems as well as cosmetic renovations to the exterior of the Lodge and renovation of the guestrooms. A new mechanical room was added as part of this project.









WILDSIDE NEMACOLIN WOODLANDS FARMINGTON, PENNSYLVANIA

OWNER

Nemacolin Woodlands

ROLE

Project Management Planning Architectural Design Interior Design Coordination of engineering disciplines

CONTRACTOR

Martik Brothers, Inc.

CONSTRUCTION COST

Withheld by Owner

SQUARE FOOTAGE

51,900 SF

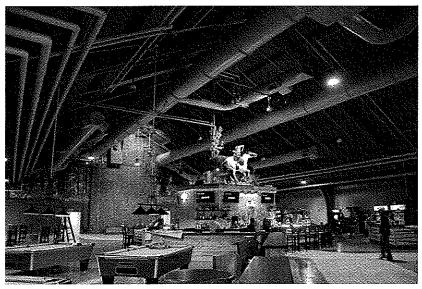
COMPLETION

2008

REFERENCE

Matt Delman, Director of Projects Nemacolin Woodlands Resort and Spa 1001 Lafayette Drive Farmington PA 15437 Phone: 724-329-6360

Fax: 724-329-6562



Nemacolin Woodlands Resort developed the concept for the Wild-side to make use of an existing building along Route 40, a prime location to draw visitors into the Resort. The building had been used as an outdoors store and was initially planned as a casino.

When the owners decided to forego the slots license, another use was found. The Wildside creates a family oriented facility with extended hours for those staying at the resort and the general public in the area.



Featured are an eight lane bowling alley, 65+ arcade games,

pool tables, an indoor climbing wall and both a sports bar and an ice cream parlor to support all the activities.

In addition, two specialty areas were created. The first is a 120 SF exotic bird habitat which serves as a new focal point. And the second is an amazing HO scale train display that has been published in magazines devoted to the aficionados of the model railroads.

The theme focused on the wild west animal habitat and includes the display of museum quality mounts collected throughout the west.

Perhaps the most amazing thing is that the 1,200 SF addition and overall renovation,

which dramatically altered the physical space, general lighting and food service options, was constructed, renovated and opened to the public in just under 10 weeks. The interior finishes were chosen using a colorful palette presenting a playful theme, integrating the larger than life nature scenes and the existing wood structure.





NEMACOLIN WOODLANDS RESORT HOTEL CHATEAU I FARMINGTON, PENNSYLVANIA

OWNER

Nemacolin Woodlands

ROLE: ASSOCIATION
Project Management
Architectural Design
Contract Documents
Construction Administration
Coordination of engineering disciplines

CONSTRUCTION COST Withheld by Owner

SQUARE FOOTAGE 217,290 SF

COMPLETION

1997—Four Story Hotel Addition

REFERENCE

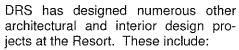
Peter J. Magerko Project Manager Nemacolin Woodlands Resort Route 40, P. O. Box 188 Village of Farmington, PA 15437 (724) 329-6619



DRS completed the design, construction documents and construction administration of a luxury resort hotel which opened in the Spring of 1997, in association with another architect. The project was completed via the design/build method. The four-story hotel was designed to resemble the Ritz Hotel in Paris. It contains 120 guestrooms and suites along with an upscale restaurant, tea room, shops and other support facilities.



The hotel is part of a resort complex which contains additional hotel facilities, convention and conference center, condominiums, two 18-hole golf courses, downhill and cross country skiing facilities, swimming pool and spas and tennis courts.



- Master Plan for 2,000 acre Resort
- Architectural design of the proposed 386,000 SF Chateau Lafayette II addition
- Assisted with the complete renovation to the existing Lodge at the Resort
- Architectural design for the renovation of the existing Lodge including a mechanical room addition
- Renovations of 2 floors of the Spa into treatment rooms and exercise area with smoothie bar
- Added viewing decks and a pavilion at Mulligans which overlooks the Mystic Rock Golf Course
- Interior design of the Elite Lounge at Horizon Point adjacent to Falling Rock
- Architectural and interior design of the proposed Resort casino
- Architectural and interior design for the Entertainment Center at Nemacolin
- Currently providing interior design services on an on-going basis to the Resort for public spaces including meeting rooms, ballroom and prefunction areas as well as support areas







SEWICKLEY HEIGHTS GUN CLUB SEWICKLEY HEIGHTS, PENNSYLVANIA

OWNER
BOROUGH OF SEWICKLEY HEIGHTS

ROLE

Planning, Architecture, Interior Design Oversight of Civil/Structural, Mechanical/ Electrical/Plumbing

CONSTRUCTION COST NA

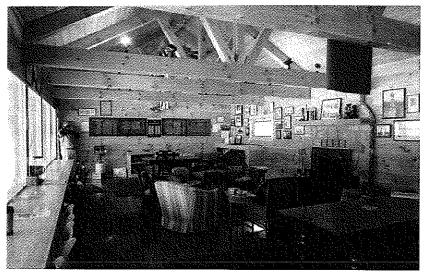
COMPLETION 2002

REFERENCE

J. Scott Wendt, III 1208 Sewickley Heights Road Sewickley Heights, PA 15143 (412) 741-2226

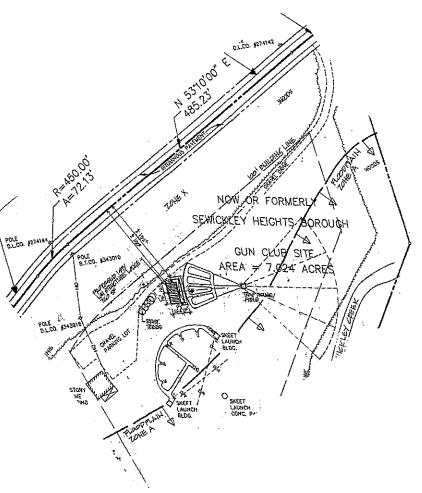






The Sewickley Heights Gun Club is located on a 7 acre parcel as part of the 1,000 Acre Sewickley Heights Park System. DRS was retained to layout and design the trap field for the club. The trap house was constructed of precast concrete. All Borough and State approvals were obtained for the trap range.

Another project at the Sewickley Heights Gun Club was the design of a Lodge for the Stonedale Guns Club, which is located adjacent to the trap field. This rustic log structure has a front porch with seating area for viewing the trap field. Inside the Lodge the ceiling structure is exposed with wood panel walls and wood floor. Along the front window wall facing the trap field is a continuous side table. There is lounge seating facing the stone fireplace with tables for dining and recreation. Special attention was paid to the detailing of the gunracks.







WILSON LODGE AT OGLEBAY PARK GUESTROOM ADDITION WHEELING, WV

OWNER:

Wheeling Park Commission

ROLE:

Master Planning
Project Management
Architectural Design
Contract Documents
Construction Administration
Coordination of all engineering consultants

CONTRACTOR:

Massaro Corporation

CONSTRUCTION COST

\$8,720,000 with site improvements

SQUARE FOOTAGE:

46,000 SF

COMPLETION

April, 2006

REFERENCE

Mr. Douglas Dalby President Wheeling Park Commission Oglebay Wheeling, WV 26003 (304) 243-4002



The four-story, 46,000 sq. ft. addition is the first new guestroom addition at Oglebay Resort in 25 years. The new building has 53 luxury rooms and increased the total Wilson Lodge inventory to 265 rooms. All of the new guestrooms have minibars, exterior balconies or patios at grade, and large 5-fixture bathrooms with 2 sinks, separate glass-enclosed shower and bathtubs. All King guestrooms have gas fireplaces. The room mix is 36 Double Queens, 8 Kings, 4 ADA accessible and 5 suites.

DRS worked closely with the consulting interior designer to integrate finishes and lighting into the overall project

The selected site for the new addition connects directly to the Lodge public space via a bridge to the Byrd Wing behind Wilson Lodge. The addition sits high above a steep southeast slope with dramatic views of Schenk Lake and the surrounding park and countryside. Two thirds of the new rooms orient to this view. The other third of the rooms look onto a new landscaped courtyard between the addition and the Byrd Wing, where a parking lot was removed. In addition to guestrooms, this project has a small porte-cochere, lobby and expanded call center that processes all the guest reservations for the whole resort including





hotel, golf and other park attractions. Building materials repeat the existing Lodge buildings- field stone and wood siding.

The Resort retained DRS Architects to complete additional planning studies for the hotel complex including improving pedestrian circulation, lobby elevator replacement, meeting room expansions, future guestroom expansions, indoor pool renovation and spa addition. The spa addition was completed in June, 2008.



THE SPA AT OGLEBAY WHEELING, WV

OWNER:

Wheeling Park Commission

ROLE:

Project Management
Architectural Design
Contract Documents
Construction Administration
Coordination of all engineering
consultants

CONTRACTOR

John Russell Construction

Construction Cost \$2,700,000

COMPLETION

June, 2008

REFERENCE

Mr. Douglas Dalby President Wheeling Park Commission Oglebay Wheeling, WV 26003 (304) 243-4002



Oglebay Resort's new 6,000 SF luxury day spa occupies the entire terrace level of a new 2-story addition to the 53-room guest wing south of Wilson Lodge. Six guestrooms occupy the second level and a paved and landscaped roof terrace occupies the top level.

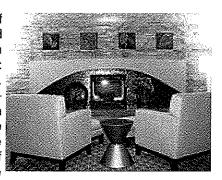
DRS completed the architectural design; developed the Construction Documents; and completed construction Administration for the Spa. We worked closely with the consulting interior designer to coordinate finishes and lighting into the project.

The Spa's public space contains a reception/waiting area, manicure/pedicure area, before/after treatment lounge, men's and women's lockers and toilets, and 7 treatment rooms (4 dry and 3 wet). The Spa's back-of-house areas include spa preparation area, office, linen area, breakroom, staff toilet and lockers, all connected to the



guest wing service elevator with a separate spa service corridor.

The Spa's interior design motif borrow from the relaxation and rejuvenation qualities found in the earth's four elements: earth, wind, fire and water. These four elements are expressed in the Spa's design elements and materials. The design elements include the long sweeping curved walls of the public corridor and the large



fireplace in the Spa lounge. The Spa materials include wood veneer paneling, dry-stack ledger stone accent walls, wood grained ceramic tile, oversize stainless steel signage panels, translucent glass mosaic tiles, stone countertops and water fountains in each treatment room.





ERIE SHERATON CONVENTION CENTER HOTEL ERIE, PENNSYLVANIA

OWNER

Erie County Convention Center Authority

ROLE

Project Management Planning Architectural Design Interior Design Coordination of engineering disciplines

CONSTRUCTION MANAGER Barton Malow Co.

CONSTRUCTION COST \$22,807,000

Square Footage 135,000 SF

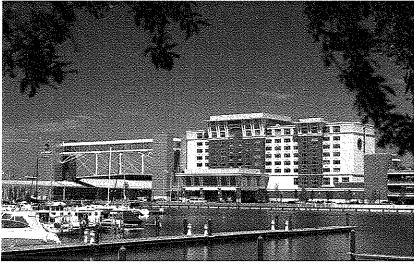
COMPLETION 2008

REFERENCE

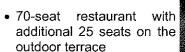
Casey Wells **ECCA - Executive Director Bayfront Convention Center** Erie, Pennsylvania 16501 (814) 453-7117 ext 229

AWARDS

Organization: AGC of America (Associated General Contractors) Award: AON Build America Award Note: Named as one of "thirteen most significant projects for 2008 recognized for their complexity, innovation, success and ultimately, for their significance to the construction community and the nation at large."



DRS completed the design and construction of the Erie County Convention Center Hotel, and coordinated the design of the adjacent park-The site ofing structure. fers spectacular views of Presque Isle bay and Lake Erie. The main program elements include the 100,000 SF Convention Center on neighboring Sassafras Pier, a connecting bridge, a 200 room Sheraton brand hotel and a 350-car, 4-level parking structure. The fullservice Hotel includes:

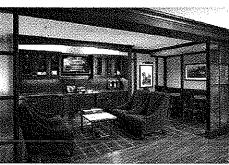


- · Lobby bar of 30 seats
- Indoor pool with Jacuzzi and exercise area
- 6,000 SF of meeting space
- · Club floor with lounge

The hotel is approached from Erie's Main Street Extension and offers convenient access under a welcoming porte cochere.

The south (city-side) façade

presents a commanding landmark to Erie's waterfront. The design of the garage has been carefully integrated with the hotel and includes provisions for future retail use on the ground level. Pedestrian access from the garage to the convention center is via a glazed walkway that intersects with the porte cochere of the Hotel. The walkway terminates in an elevator/stair tower to the pedestrian bridge that connects across the canal to the Convention Center. The north (lake-side) facade is equally emphasized and features a landscaped access drive that can double as a venue for street fairs. Two terraces afford great views of the water and sunsets.









SMOOTHIE BAR NEMACOLIN WOODLANDS FARMINGTON, PENNSYLVANIA

OWNER

Nemacolin Woodlands Resort and Spa

ROLE: PRIME
Project Management
Planning
Architectural Design
Interior Design

Coordination of engineering disciplines

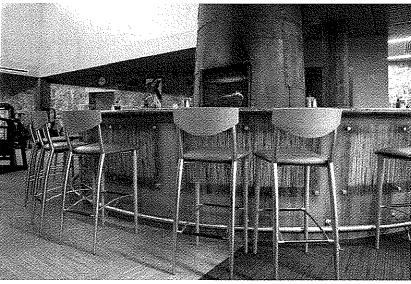
CONSTRUCTION COSTWithheld by Owner

SQUARE FOOTAGE 1,000 SF

COMPLETION 2005

REFERENCE

Matt Delman, Director of Projects Nemacolin Woodlands Resort and Spa 1001 Lafayette Drive Farmington, PA 15437 Phone: 724-329-6360

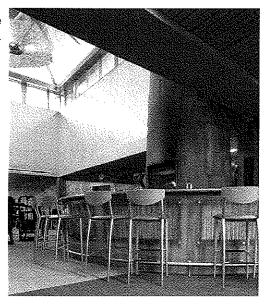


As part of the Spa Renovations, DRS designed an upscale food service area to be housed within the fitness center.

The resulting smoothie bar features a copper hearth style oven, comfortable seating and invigorating views.

Innovative materials were integrated into the bar—a transparent resin with strands of bamboo imbedded in the bar. By backlighting the resin, it provides a creative ambient light.







SELECTED CLIENTS FOR THE MOUNTAIN RESORT INDUSTRY

Squaw Valley - CA CNL Lifestyles, LLC - FLA Arrowhead Ski Area - NH Mount Isenglass Snow Park - NH Attitash - NH Cannon Mtn. - NH Crotched Mountain, Francistown, NH Dartmouth Skiway, NH Gunstock, NH Willis of New Hampshire Kaser North America - Grantham, NH Mount Cranmore - North Conway, NH Mount Sunapee State Park, NH Star Lifts, Sunapee, NH State of NH - Dept. of Parks and Recreation Proctor Academy, NH Rowell Hill - NH Moose Mountain - NH Ragged Mountain - NH Whaleback - Lebanon, NH **Bretton Woods - NH** Waterville Valley - Waterville Valley, NH King Ridge - New London, NH Snow Hill at Eastman - NH Sno-engineering, Inc. - Littleton, NH Poma of America - West Lebanon, NH Ragged Mountain, NH Tenney Mountain - New Hampshire Mountain Creek - NJ Hidden Valley - NJ Ober Gatlinberg, TN Burke Mtn. - VT Round Top, VT Bolton Valley, VT Stratton Mountain - VT Mount Snow - VT Smugglers Resort - VT Havstack, VT Mount Mansfield Resort - Stowe, VT Round Top, VT Sugarbush Resort - Warren, VT Mad River Glen - Fayston, VT Magie Mountain, VT Jay Peak Resort - Jay, VT Middlebury Snow Bowl - Middlebury, VT Bear Creek - VT Wachusett Mountain - Princeton, MA

Otis Ridge - MA

Ski Bradford - MA

Nashoba Valley - MA Amesbury Sports Park - Amesbury, MA Blue Hills Ski Area - Canton, MA Conservation Tourism, LTD - MA Aon-Reed Stenhouse - ON Searchmont - ON Horseshoe Valley - ON Craigleith Ski Club - ON Cassels Brock & Blackwell - ON Dale Intermediaries Ltd. - Toronto, ON Hidden Valley Highlands Ski Club - ON Hughes, Amys - Toronto, ON Zurich Canada - Toronto, ON Snow Valley - Barrie, ON Berthoud Pass, CO Breckenridge, CO Howelson Hill, CO Jenlynn International, Inc. - Boulder, CO Stadeli USA - Boulder, CO Doppelmayr USA - Golden, CO Poma of America - CO Ski Snowstar - Ill Sun Valley Company - Idaho Mt. Crescent - Iowa Sleepy Hollow Sports Park - Iowa Norway Mountain - MI Ski Brule - MI Mt. Bohemia, MI Porcupine Mountain - MI U.S. Gypsum, MI Whiteface - Olympic Regional Development Authority - Wilmington, NY Catamount - NY Mount Peter, NY Gore Mountain - NY Partek Enterprises, Inc. - Pine Island, NY USMA, West Point - NY Big Tupper - NY Snow Park Niagara - NY Scotch Valley, NY Hunt Hollow, NY Ski Windham - NY Royal Mtn. - NY Belleayre Ski Center - NY Whitetail Ski Company - Mercersberg, PA Laurel Mountain State Park - PA Boyce Park Ski Area - Pittsburg, PA Willowbrook - PA

Ski Big Bear - PA

stevens-engineering.com



SELECTED CLIENTS FOR THE MOUNTAIN RESORT INDUSTRY

Framar, Inc., PA
Montage Ski Area - PA
Pinecrest Resorts - PA
Framar, Inc - PA
Ski Roundtop - PA
Rustler Lodge - Alta, Utah

Bruckschlogl GES.M.B.H - Austria Winter Park - Wisconsin Ri b Mountain - Wisconsin Hermon Mountain - Maine Oxford Plains Snowtubing, Maine Sugarloaf USA - Maine Camden Snow Bowl - Maine Mars Hill - Maine Shawnee Peak - Maine Saddleback - Maine Sports Parks of Maine Shawnee Peak - Maine Sunday River - Maine Eaton Mountain - Maine Stone Mountain Park - GA Ober Gatlinburg - TN Garaventa, CTEC - Utah Division of Parks and Recreation -Commonwealth of WV Canaan Valley - WV Oglebay Family Resort - WV The Chapman Technical Group - WV Snowshoe Mountain Resort - WV Mount Ashwabay - WI Dosel, S.A. - Costa Rica

Rain Forest Trams – Costa Rica
Rain Forest Trams, LTD – Dominica
Poley Mountain – New Brunswick
Mount Southington – CT
Yawgoo Valley - CT
Brandywine - Ohio

stevens@tds.net stevens-engineering.com



Key Personnel

Gannett Fleming has identified the following key project personnel to fill all roles required to successfully complete the project. The project will be managed from our Morgantown, WV Office. Samer H. Petro, P.E. will serve as our Project Manager.

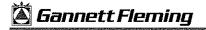
Project Manager – Samer H. Petro, P.E., WV Operations Manager and Senior Project Manager. Mr. Petro, a long- time Morgantown resident and a West Virginia University graduate, completed his BSCE in 1987 and his MSCE in 1993. His diverse background includes significant experience in both new construction and renovation of existing facilities, bridges, buildings, and civil infrastructure. He brings more than 20 years of total relevant experience to this project. Mr. Petro is very familiar with the Canaan Valley Resort State Park and the Morgantown, WV Gannett Fleming Office is located within a short driving distance from the site. He is ideal to manage the structural facilities assessment and coordination of this project and will be responsible for ensuring that the requirements for each task are completed in a satisfactory manner and that the schedule is achieved. He will communicate regularly with park staff and the project Team to confirm that the final products meet all the expectations of the WVDNR.

Quality Assurance/Quality Control (QA/QC) – **Bradley A. Diffenbaugh, P.E.,** Senior Project Manager. Mr. Diffenbaugh has extensive experience in structural facilities condition assessment and construction surveillance. This experience is significant because many of the projects he has been involved with have been multi-discipline design and construction projects, and the resulting field knowledge gives him a more holistic perspective when performing constructability reviews of projects.

Site/Civil – **Michael A. Neely, P.E.,** Senior Project Manager in the Morgantown Office. With more than 12 years of experience, he is responsible for the design and management of highway/roadway; site development; and airport projects; including right-of-way; site grading; stormwater; utilities; signing and pavement marking; erosion and sediment pollution control; final cross sections; quantities; cost estimation; and report preparation. Mr. Neely is experienced in the use of various design and drafting software packages including MicroStation, InRoads, AutoCAD, WaterCAD, StormCAD, CulvertMaster, FlowMaster, and PondPack as well as Microsoft Office Suite of programs.

<u>Construction Administration</u> – **Raymond A. Wright,** Facilities Construction Manager. Mr. Wright will be responsible for providing Construction Administration services, including scheduling, cost estimating, budgeting, document reviews, and coordination among project stakeholders and WVDNR.

Geotechnical Engineering – Robert H. Yauger, P.E. Mr. Yauger is a Geotechnical Project Manager responsible for managing geotechnical aspects on projects involving the design of highway, water supply, mine reclamation, landfill, and other geotechnical systems. Responsibilities include preparing technical scopes of work and man-hour estimates; negotiating with clients; preparing project schedules; tracking project budgets; providing technical assistance to staff engineers; preparing and/or reviewing



KEY PERSONNEL/RESUMES

geotechnical work products; and coordinating the geotechnical aspects of projects with other design disciplines and clients.

Senior Hydrogeologist – Thomas V. Waddington, P.G., Senior Hydrogeologist/Project Manager. Mr. Waddington will be responsible for applying intensive and diversified knowledge of hydrogeologic principles and practices in broad areas of assignments. Typical duties include preparing proposals; keeping day-to-day client contact; maintaining communications with internal staff; developing and maintaining project budgets and schedules; directly supervising staff hydrogeologists; providing technical review of staff work; preparing hydrogeologic plans and specifications; completing groundwater availability analyses; planning exploration programs for groundwater resources, groundwater monitoring, and mineral resources; preparing groundwater and contaminant plume flow models; interpreting aerial photography and geologic maps; providing source water protection planning; conducting aquifer test analyses; and preparing reports and recommendations.

<u>Specialty Services</u> – **Ross A. Stevens, P.E.,** President of Stevens Engineering. With more than 35 years of experience, Mr. Stevens will provide necessary services related to ski lifts and trail systems.

Mechanical Engineering – **Thomas M. Long, P.E., LEED AP, Mechanical Section**Manager and Senior Project Manager. Mr. Long will be responsible for the mechanical, plumbing, and energy aspects for this project. He will ensure that designs and equipment are incorporated that optimize energy efficiency and comfort.

Electrical Engineering – Brian A. Seip, P.E., LEED AP, Electrical Design Group Leader/Electrical Engineer. Mr. Seip will be responsible for providing electrical engineering services involving power generation/transmission/distribution for the existing and new facilities, water supply, waste disposal, and other systems. Responsibilities include performing conceptual and detailed design of electrical systems for power, control, and communication; supervising and training design personnel in electrical systems configuration, sizing, and construction; preparing contract documents; writing proposals; working as a liaison with clients and prospective clients; generating construction cost estimates; investigating available electrical technologies, classical electrical studies, and root-cause analyses of electrical faults and failures; and coordinating electrical design with other engineering disciplines.

Additional information, including an Organization Chart and resumes of key personnel for Gannett Fleming, DRS Architects, and Stevens Engineering follows:



CANAAN VALLEY RESORT STATE PARK SKI AREA AND OTHER IMPROVEMENTS

Fegend:

- 3F) Gannett Fleming, Inc.
 - (DRS) DRS Architects
- :) Stevens Engineering

Project Manager/Project Coordination

Samer H. Petro, P.E. (GF)

Parks and Recreation Section

WONR

QA/QC Bradley A. Diffenbaugh, P.E. (GF) Site/Civil Michael A. Neely, P.E. (GF)

Electrical Brian A. Seip, P.E., LEEP AP (GF)

Technical Support

Structural Facilities Geotechnical Assessment Robert H. Yauger, P.E. (GF) (GF)

Water Distribution/Plumbing William K. Klock, C.P.D. (GF)

> HVAC Thomas M. Long, P.E., LEED AP (GF)

Environmental Assessment Michael D. Antonetti, L.R.S., P.G. (GF)

Michael D. Antonetti, L.R.S.,
P.G. (GF)
Construction Administration

S. Philip Hundley, AIA (DRS)
Jack Jasneski, RA (DRS)

Interior Design
William J. Michael, ASID (DRS)

<u>Architectural</u>

Magic Carpet Ross A. Stevens, P.E. (SE)

Water Well
Thomas V. Waddington, P.G. Raymond A. Wright (GF)
(GF)

S C SOOI: 2000

PROJECT ASSIGNMENT: Project Manager

YEARS EXPERIENCE WITH FIRM: 6

YEARS EXPERIENCE WITH OTHER FIRMS: 11

EDUCATION:

B.S.C.E., Civil Engineering, West Virginia University, 1987 M.S.C.E., Civil Engineering, West Virginia University, 1993

PROFESSIONAL REGISTRATION(S):

P.E.: Ohio - No. PE.66132 (2001) West Virginia - No. 015710 (2003)

CURRENT RESPONSIBILITIES: Manager of West Virginia Operations

SUMMARY OF EXPERIENCE:

Evansdale Campus Bridge and Garage, Morgantown, WV, West Virginia University (WVU). Project Manager responsible for the development of conceptual renderings for a pedestrian bridge over U.S. Route 19 on the WVU Evansdale campus. These early concepts included cable-stayed and arch truss alternatives. The project also included a proposed multi-level parking facility accommodating 1,017 vehicles.

S.R. 28 Over Yutes Run Road Bridge, Allegheny County, PA, *Pennsylvania Department of Transportation, District 11-0.* Project Bridge Engineer for the widening of a three-span continuous reinforced concrete slab bridge supported on integral stub abutments. The structure is on a curved alignment.

North Shore Connector, Pittsburgh, PA, *Port Authority of Allegheny County.* Structural Project Engineer responsible for the design of a portion of a 16-span aerial structure consisting of structural steel, trapezoidal plate girders (tub girders) spanning an average of 130 feet per span. The connector is composed of simple, two-span, and three-span continuous structures. The bridge carries light rail transit vehicles and also supports a double cross-over and station platform.

Bridge Testing and Analysis, Various Locations, WV, West Virginia Department of Transportation. Bridge Engineer responsible for evaluating tension levels of structural members using contact and non-contact (laser) vibration measurements in three bridges, including the Ice's Ferry truss bridge over Cheat Lake, the Moundsville tied-arch bridge, and the Macomber truss bridge.

Wastewater Treatment Plant Expansion, Grove City, PA, Borough of Grove City. Senior Structural Engineer responsible for the structural design, including mat foundations, concrete walls, structural slabs, stairs, and the checking of the structural drawings for the expansion of a wastewater treatment plant from 3.0 mgd to 4.0 mgd. The project includes the installation of a new headworks facility, overflow pond, secondary clarifiers, and replacement of existing equipment. Estimated construction cost is \$10.8 million.

Morgan Run Bridge, Monongalia County, WV, West Virginia Department of Transportation, Division of Highways. Senior Structural Engineer responsible for the redesign of multiple 200-foot-high piers as part of value engineering services for a contractor.

PROJECT ASSIGNMENT: Structural Engineer

YEARS EXPERIENCE WITH FIRM: 37

YEARS EXPERIENCE WITH OTHER FIRMS: 0

EDUCATION:

B.S., Civil Engineering, The Pennsylvania State University, 1974 Anti-Terrorism/Force Protection Training, Foos & Associates, 2004

PROFESSIONAL REGISTRATION(S):

P.E.: Pennsylvania - No. PE028486E (1979)

Healthcare Construction Certification: American Society for Healthcare Engineering (2008)

CURRENT RESPONSIBILITIES: Senior Project Manager

SUMMARY OF EXPERIENCE:

Student Recreation Center, Shippensburg, PA, *Shippensburg University.* Structural Discipline Manager responsible for overseeing the engineering design on a new 63,000-square-foot student recreation center. The facility includes multipurpose gymnasium spaces (four basketball courts), an elevated running track, two racquetball courts, and a second floor with a fitness center. Steel roof trusses span over the gymnasium space and support the outer edge of the running track. The second-floor support system consists of steel framing with a metal deck concrete slab.

Monongalia County Intermodal Facility, Morgantown, WV, Monongalia County Commission. Project Manager responsible for supervising and coordinating architectural and engineering services for a new county intermodal facility. The new facility incorporated a bus transfer station, with associated bus support areas, and a 500-car parking garage. A new elevated pedestrian bridge ties the parking garage to the adjacent county courthouse and to an existing elevated transit station located adjacent to the proposed site. The project was initially a feasibility study to gather information from the various stakeholders, examine bus circulation through the site, determine a final facility layout from several developed schemes, and perform a traffic study of the area based on the new site improvements.

Conversion of Hospital to Student Housing, Lancaster, PA, Pennsylvania Department of General Services. Project Manager supervising the architectural/engineering team that surveyed an existing Community Hospital of Lancaster building. The survey was performed to assess the condition of the existing building and to determine the feasibility and cost of renovating it into dormitories and classroom areas for Thaddeus Stevens College of Technology. Developed conceptual floor plans based on the proposed college-defined program and prepared a construction cost estimate to renovate the facility as defined on the plans. A Phase 2 environmental study of the facility was also performed.

Eastview Terrace Housing, University Park, PA, *The Pennsylvania State University.* Discipline Manager responsible for leading the structural design for a new 280,000-square-foot student-housing complex, which consists of seven building for 770 students. The structural system for each building is composed of steel beams and tubular columns that support a metal deck/concrete slab floor system.

Chemistry Building, University Park, PA, Pennsylvania Department of General Services/The Pennsylvania State University. Project Manager responsible for leading the structural, site/civil, topographic survey, and the geotechnical work for a new five-level, 190,000-square-foot classroom/research facility. The new building consists of classrooms, offices, conference areas, and research facilities with equipment highly sensitive to floor vibrations. The structural system for the building is composed of structural steel framing (beams and columns) that support composite concrete/metal deck floor slabs.

PROJECT ASSIGNMENT: Mechanical Engineering

YEARS EXPERIENCE WITH FIRM: 17

YEARS EXPERIENCE WITH OTHER FIRMS: 24

EDUCATION:

B.S., Mechanical Engineering, Drexel University, 1969

PROFESSIONAL REGISTRATION(S):

P.E.: Pennsylvania - No. PE021700E (1974) USGBC - LEED 2.0 Accredited Professional (2002)

CURRENT RESPONSIBILITIES: Mechanical Section Manager and Senior Project Manager

SUMMARY OF EXPERIENCE:

Student Recreation Center, Shippensburg, PA, Shippensburg University. Project Manager responsible for the engineering design on a new student recreation center. The facility includes multi-purpose gymnasium spaces (four basketball courts), an elevated running track, a fitness center, two racquetball courts, men's and women's locker rooms, a group fitness studio, toilet rooms, and administrative and utility spaces, totaling approximately 63,000 square feet of floor space. The design incorporated energy-efficient lighting, HVAC, and plumbing systems.

Carlisle Police Headquarters, Carlisle, PA, Borough of Carlisle. Project Manager responsible for designing HVAC, plumbing, and fire protection systems for a new 20,000-square-foot municipal police headquarters facility. The design incorporated energy-efficient mechanical systems using high-efficiency condensing gas boilers, variable-air-volume air distribution, and a high-efficiency gas-fired water heater. A unique feature of the design was the architect's use of an insulating concrete form wall system to provide a high-performance thermal envelope. The relatively high mass and thermal resistance of the exterior walls allowed the capacity of the building heating and air conditioning systems to be sized smaller than normal by taking advantage of the thermal lag of the construction.

Nanoscience Laboratory, U.S. Naval Research Laboratory (NRL), Washington, DC, Naval Facilities Engineering Command, Chesapeake Division. Mechanical Discipline Manager responsible for the design and coordination of HVAC, plumbing, and fire protection systems for a research laboratory. The building incorporates Class 100 clean rooms, quiet and ultra-quiet rooms (acoustically quiet and free of electromagnetic radiation), and support spaces. Design tasks included providing air-handling and air-distribution systems for all spaces to meet user requirements; connection to the NRL's central chilled-water and steam systems; supplemental glycol chiller to meet low-temperature/humidity criteria; variable-speed pumping systems; and a building automation/control system. Plumbing system design included domestic hot- and cold-water piping, acid waste drainage, high-purity compressed-air and nitrogen systems, and provision for future laboratory vacuum and high-purity water systems.

12-Story Hotel, Philadelphia, PA, *Hampton Inn.* Project Manager for mechanical/electrical design which included stairwell pressurization for smoke control; packaged heating/cooling equipment serving the lobby, meeting/banquet rooms, and retail and restaurant tenant spaces; and an integrated fire alarm system interfaced with the firefighter control center. The basement level houses laundry, mechanical and electrical rooms, additional meeting rooms, and an indoor pool area.



P.O. Box 1945 New London, NH 03257 Tele: (603) 526-2493 Fax: (603) 526-2003

PROFESSIONAL PROFILE

Ross A. Stevens, P.E., President, STEVENS ENGINEERING 215 Sargent Road P.O. Box 1945 New London, NH 03257

SPECIALIZED PROFESSIONAL COMPETENCE

Passenger Ropeways: Planning, Engineering Design, Analysis, Inspection, Aerial Ropeways Relocation Engineering, Upgrades, Modifications,

Surface Lifts Due Diligence Surveys, Dynamic Testing,

Conveyors Maintenance Consulting, Accident Investigation,

Profile Surveying, Construction Engineering

Snow Tubing Parks: Planning & Engineering Design, Terrain Dynamics Evaluation
Civil Engineering: Site Planning, Engineering Design, Surveying, Permitting

Structural Engineering: Engineering Design, Analysis, Inspection

PROFESSIONAL BACKGROUND

Registered Professional Engineer and Qualified Tramway Engineer in: Maine, Maryland

New Hampshire, Vermont, Connecticut, Massachusetts,

New York, Pennsylvania, Michigan, Utah,

Wisconsin, New Jersey, Colorado, Idaho, Iowa, Tennessee,

West Virginia, Wisconsin, Ontario, New Brunswick

Bachelor of Science Degree in Civil Engineering University of Massachusetts, Amherst - 1974

Entered Profession in 1974

AFFILIATIONS

NATIONAL TRAMWAY STANDARDS BOARD - Member from 2000 - 2006

AMERICAN NATIONAL STANDARDS INSTITUTE - ASC B77 Accredited

Standards Committee - American National Standard for Passenger Tramways, Committee Member

OITAF-NACS - International Organization for Transportation by Rope, North American Continental Section, Member

NSAA - National Ski Areas Association, Member

OSRA - Ontario Ski Resorts Association, TSSA/OSRA Technical Advisory Committee

SENH - Structural Engineers of New Hampshire, Member

State of New Hampshire, Governor's Office of Emergency Management - ACT-20 Post-Earthquake Building Safety Evaluation Engineer

steveng@tds.net www.stevens-engineering.com PROJECT ASSIGNMENT: Geotechnical Engineering

YEARS EXPERIENCE WITH FIRM: 12

YEARS EXPERIENCE WITH OTHER FIRMS: 4

EDUCATION:

B.S., Civil Engineering, Carnegie Mellon University, 1993

Engineer Officer Advance Course, Ft. Leonard Wood, Missouri, 2001

80-hour Gannett Fleming/The Pennsylvania State University collaborative Project Manager Training Program, 2001

40-Hour OSHA Hazardous Waste and Emergency Response (HAZWOPER) Training, 1995

Engineer Officer Basic Course, Ft. Leonard Wood, Missouri, 1994

PROFESSIONAL REGISTRATION(S):

P.E.: Pennsylvania - No. PE055063E (1999)

Level II Pennsylvania Department of Transportation Drilling Inspector - No. 98-2-048 (1998)

CURRENT RESPONSIBILITIES: Geotechnical Project Manager

SUMMARY OF EXPERIENCE:

University of Pittsburgh Peterson Convocation Center, Oakland, PA, Brinjac and Kambic, Inc. Geotechnical Engineer responsible for planning subsurface investigations and preparing foundation recommendations for the new University of Pittsburgh sports arena. Planned and supervised the drilling of 36 soil and rock test borings, developed subsurface profiles to aid in the analysis of foundation alternatives, developed recommendations and design depths for approximately 300 caisson foundations and 24 spread footings, and performed geotechnical inspections of caisson foundations during construction.

Vegas Resort Complex Casino Development, Biloxi, MS, *Presidential Riverboat Casinos.* Geotechnical Engineer responsible for developing a cost estimate for a \$30 million Gulf of Mexico resort complex design. The cost estimate included foundations for six 10-story hotels, five parking garages, six graving docks, and a boardwalk structure.

Robinson Township Mall, Robinson Township, Pittsburgh, PA, Robinson Mall Developers. Geotechnical Engineer responsible for performing test boring inspection and providing complete recommendations for shallow and deep foundations for a mall. Analyzed and designed slopes and benches for the mall property. Performed settlement analyses for structures on valley fills.

Indiana University of Pennsylvania Site Development, Indiana, PA, Indiana University of Pennsylvania. Geotechnical Engineer responsible for designing embankment slope and toe bench for a 2,000-foot-long embankment. Calculated and categorized earthwork quantities for a new roadway.

Corridor H Section 6 Subsurface Investigation, Hardy County, WV, West Virginia Department of Highways. Geotechnical Engineer responsible for performing a test boring inspection for more than 100 roadway and structure borings. Conducted slope stability analyses for embankment cut-and-fill slope designs. Provided recommended allowable bearing capacities and lateral earth pressures for structure foundations. Calculated and tracked estimated earthwork quantities.

PROJECT ASSIGNMENT: Hydrogeologist

YEARS EXPERIENCE WITH FIRM: 28

YEARS EXPERIENCE WITH OTHER FIRMS: 0

EDUCATION:

B.A., Geo-Environmental Sciences, Shippensburg University, 1982 B.S., Geological Sciences, The Pennsylvania State University, 1989

PROFESSIONAL REGISTRATION(S):

P.G.: Pennsylvania - No. PG000741G (1994)
Mine Safety and Health Administration (MSHA) Mine Safety Certified Surface, Coal, Metal, and Nonmetal (2005)

CURRENT RESPONSIBILITIES: Senior Hydrogeologist/Project Manager

SUMMARY OF EXPERIENCE:

Hydrogeologic Assessment, California, MD, *St. Mary's County Department of Public Works.* Project Hydrogeologist responsible for performing tests and analyses to characterize the aquifer underlying the St. Andrews Landfill. This assignment was part of a study to determine the potential adverse impacts of horizontal migration of leachate on the surrounding landfill area. Performed field slug tests at existing monitoring wells located in a sandy unconfined aquifer, analyzed data, calculated aquifer transmissivity and groundwater flow velocity, and prepared a report.

Hydrogeologic Assessment, Tabernacle, NJ, *Tabernacle School District.* Project Hydrogeologist responsible for the characterization and gradient mapping of an unconfined aquifer under the influence of on-site wastewater effluent. Provided monitoring well design, well construction oversight, soil classifications, and aquifer slug testing. Prepared groundwater maps and letter report.

Hydrogeologic Assessment, Central IN, *Confidential Client.* Project Hydrogeologist and Site Safety Officer responsible for a subsurface assessment of a manufacturing facility property, as well as adjacent private properties. Services included environmental investigation of soil, groundwater, and surfacewater via 45 borings and 19 monitoring wells. Provided field operations, safety inspection, air monitoring, design of monitoring wells, environmental laboratory testing, geotechnical laboratory testing, in situ hydraulic conductivity testing, geological analyses of recent flood plain soils and Silurian-Age carbonate bedrock, and report preparation.

Hydrogeologic Assessment, Northern OH, Confidential Client. Hydrogeologist and Site Safety Officer responsible for a subsurface assessment of an industrial property in northern Ohio. Services included subsurface investigation with four borings and four monitoring wells, soil sampling and well construction inspection, safety inspection, air monitoring, environmental laboratory testing, geological analysis, and report preparation.

PROJECT ASSIGNMENT: Electrical Engineering/Technology

YEARS EXPERIENCE WITH FIRM: 13

YEARS EXPERIENCE WITH OTHER FIRMS: 0

EDUCATION:

B.S., Engineering (Electrical and Mechanical Emphasis), Messiah College, 1997 University of Tennessee Certificate in Sustainable Design and Green Buildings Level 1, The University of Tennessee, 2011

PROFESSIONAL REGISTRATION(S):

P.E.: Pennsylvania - No. PE060299 (2002)

USGBC - LEED 2.0 Accredited Professional (2002)

Building Design and Construction (2010)

Certified Energy Auditor: No. 1089 (2010)

Renewable Energy Professional: No. 22 (2010)

CURRENT RESPONSIBILITIES: Electrical Design Group Leader/Electrical Engineer

SUMMARY OF EXPERIENCE:

Supermarket Energy Efficiency Evaluations, Various Locations, PA, Green Energy Sustainable Agreements. Electrical Engineer responsible for performing site visits and coordinating with the electrical contractor to evaluate means of energy efficiency improvements to the store's interior and exterior lighting systems and HVAC equipment, as well as the use of alternative energies, such as photovoltaic arrays and microturbines.

Photovoltaic Array for Community College, Harrisburg, PA, *Harrisburg Area Community College.* Electrical Engineer responsible for the design of a 3.5 kW photovoltaic array connected to the Urban Meadow at the college's Midtown campus via a grid-tie line interactive DC-AC inverter.

Reconfiguration of *The Patriot-News* Building, Harrisburg, PA, *The Patriot-News*. Electrical Engineer/Assistant Project Manager responsible for a field survey, a feasibility study, and a budget analysis for intended renovations of the newspaper's existing office and mailroom buildings. Responsibilities included analyzing the existing electrical system, making recommendations for upgrades and replacements, and assisting in the preparation of a proposed budget for the work outlined in a feasibility study. Tasks also involved reviewing budget numbers prepared by others and making improvement recommendations to client.

Cancer Institute, Hershey, PA, The Pennsylvania State University. Electrical Engineer responsible for providing site utility design and construction-phase services for the four-story, 170,000-square-foot Cancer Institute building on the campus of the Milton S. Hershey Medical Center. The work included handling significant site utility relocation challenges resulting from the placement of the Cancer Institute and the future Children's Hospital building. Tasks included coordinating the design effort with the utility staff of both the university and the medical center, as well as with the construction manager.

PROJECT ASSIGNMENT: QA/QC - Construction Administration

YEARS EXPERIENCE WITH FIRM: 1

YEARS EXPERIENCE WITH OTHER FIRMS: 26

EDUCATION:

B.S., Engineering Technology, New Jersey Institute of Technology, 1984
Healthcare Construction Certificate, American Society of Healthcare Engineers, 2007
Construction Quality Management for Contractors, U.S. Army Corps of Engineers, 2010, Exp. 12/01/2015

PROFESSIONAL REGISTRATION(S):

N/A

CURRENT RESPONSIBILITIES: Facilities Construction Manager

SUMMARY OF EXPERIENCE:

Midtown Campus Expansion, Harrisburg, PA, Harrisburg Area Community College. Senior Project Manager for the following:

- Midtown I Campus Facility. Responsible for the complete renovation of a more than 90-year-old industrial building for use as a technology-focused educational facility. The project was completed in two phases and included a total interior and exterior renovation, including structural modifications; a new heating, ventilation, and air-conditioning (HVAC) system; a new electrical service and distribution system; new plumbing systems and new finishes to accommodate specialized administrative functions on the second floor; and technology laboratories for welding, machining, masonry, and testing on the first floor.
- Campus Square Administration Offices and Green Center. Responsible for the fit-out of a new shell space to accommodate central administrative offices for the college and a new "green center" for use by the college as well as other entities. The building achieved LEED Gold certification.

Holiday Inn East Hotel, Harrisburg, PA. Senior Project Manager responsible for implementing a new owner's renovation plan for a more than 300-room hotel, including managing the design and construction. The project included complete interior and exterior renovations and upgrades and endured the challenge of numerous unforeseen conditions. New features included a tiered-level meeting room and a new elevator constructed in the lobby without disrupting patron service.

Liberty Center High-Rise Office Tower and Vista Hotel Tower, Pittsburgh, PA. Expeditor responsible for coordinating, logging, and managing the submittal and information communication process for an \$89 million downtown, high-rise office tower and hotel and retail complex. Additional responsibilities included managing the material contracts from award through completion, including coordinating with trades.

PROJECT ASSIGNMENT: Civil Engineering

YEARS EXPERIENCE WITH FIRM: 4

YEARS EXPERIENCE WITH OTHER FIRMS: 10

EDUCATION:

B.S., Civil Engineering, West Virginia University, 1996

PROFESSIONAL REGISTRATION(S):

P.E.: West Virginia - No. 015304 (2002)

CURRENT RESPONSIBILITIES: Project Manager for the West Virginia Regional Office

SUMMARY OF EXPERIENCE:

Headsville Bridge Replacement, Mineral County, WV, West Virginia Department of Transportation, Division of Highways. Project Manager responsible for highway design, including quantity calculations, construction cost estimate, construction working-day estimate, final roadway construction plan preparation, right-of-way plan preparation, and quality control.

Preston County 911 Center, Kingwood, WV, *Preston County Commission.* Project Manager responsible for final site design, utility coordination, construction plan preparation, permitting, and construction observation of a new 911 center located on approximately 5 acres. The project is currently under construction.

Neighborhood Revitalization, Morgantown, WV, Sunnyside Up, Campus Neighborhoods Revitalization Corporation. Project Manager responsible for utility coordination and preliminary engineering design and cost estimation for inclusion in an application to create a Tax Increment Financing District for the Sunnyside area of the city.

Airport Access Road, Mingo County, WV, Mingo County Airport Authority. Project Manager responsible for the design and preparation of construction plans for an approximately 2-mile access road for a new airport. The design includes horizontal and vertical geometry, erosion and sedimentation control, stormwater management, National Pollutant Discharge Elimination System (NPDES) permitting, quantity calculation, and cost estimation.

Airport Layout Plan, Logan County, WV, *Logan County Airport.* Project Manager responsible for the preparation of an airport layout plan. The package includes a property map of land uses, airspace evaluation, and plans for future improvements to the 3,600-foot runway and terminal area.

Evansdale Campus Bridge-Garage, Morgantown, WV, West Virginia University (WVU). Project Engineer responsible for preliminary parking garage layout and access road design for a 1,000-space parking garage at the WVU Coliseum.



S. PHILIP HUNDLEY, AIA PRINCIPAL

REGISTRATION

Pennsylvania, Ohio, West Virginia and seven other states

EDUCATION

B. Architecture, 1966, University of Illinois

PROFESSIONAL AFFILIATIONS

American Institute of Architects
Pennsylvania Society of Architects
Certified, National Council of Architect
tural Registration Boards
Construction Specifications Institute
Councilman, Sewickley Heights
Historical Architectural Review Board,
Sewickley Heights
Planning Commission, Sewickley
Heights
Western Pennsylvania Conservancy
National Historical Trust

RELEVANT EXPERIENCE AND QUALIFICATIONS

As principal of the firm, Mr. Hundley has more than forty years of experience both as a planner and architect. He has been involved in master planning for hotels, research and educational facilities and office building complexes. Mr. Hundley has the overall responsibility for all hotel projects undertaken by the firm. During the past twenty years, he has designed fifteen hotel projects which have been constructed. Eight of these have been full service hotels ranging in size between 200 and 330 guest rooms and four have been guest room and ballroom additions. The following is a selected list of experience as Principal-In-Charge/Project Designer:



Erie Convention Center Hotel, Erie, PA—DRS is part of the Acquest Design/Build Team who were selected by the Erie County Convention Center Authority to design the Erie Convention Center Hotel. The Sheraton Hotel has 201 rooms, is six stories and has a 800 car parking garage shared with the Convention Cen-

ter. All program elements are arranged around a common rectangular arrival courtyard sporting fountains, flagpoles and a sunken amphitheater. Each element has a major building façade, a main entrance, and canopy addressing the arrival courtyard. The fourth side of the arrival court is open to a pedestrian boardwalk providing optimal views to the marina at the Dobbins Landing West Canal Basin.

Pittsburgh Airport Marriott, Pittsburgh,

PA—A 14-story, 320-guestroom hotel is located near the Pittsburgh International Airport. Facilities include a three-story atrium lobby, restaurant, entertainment lounge, lobby bar, ballroom, meeting rooms and an indoor/outdoor swimming pool with health club. DRS completed a renovation of the existing lounge into conference and meeting room space.





Wilson Lodge Addition, Oglebay Resort & Conference Center, Wheeling,

WV—The four-story, 46,000 sq. ft. addition is the first guestroom addition at Oglebay Resort in 25 years. The new building has 53 luxury rooms and increases the total Wilson Lodge inventory to 265 rooms. All of the new guestrooms have gas fireplaces, minibars, exterior

balconies or patios at grade, and large 5-fixture bath. The room mix is 36 Double Queens, 8 Kings, 4 ADA accessible and 5 suites. Mr. Hundley has completed additional planning studies for the hotel complex including improving pedestrian circulation, lobby elevator replacement, meeting room expansions, utility and road relocations, parking studies, and future guestroom expansions.



JACK JASNESKI, RA ARCHITECT

REGISTRATION

Pennsylvania Certified ADA Inspector

EDUCATION

Assocs. Deg., 1963, Pittsburgh Technical Institute, Engineering Design/ Drafting

RELEVANT EXPERIENCE AND QUALIFICATIONS

Mr. Jasneski has over 40 years of experience in a variety of areas of architecture, but is a specialist in hospitality and educational projects. He has served as Project Manager and Project Architect from the initial stages of a project through Construction Administration. His DRS Hospitality experience as Project Architect includes:



Nemacolin Woodlands Resort & Spa in Farmington.

PA— Construction documents have been completed for a 386,000 SF addition to the resort —Chateau II and Ballroom

Additions. This facility is designed to be a Five Star Hotel and includes 224 new, luxury guest rooms, concierge lounge, presidential suite, café, 16,000 SF Grand Ballroom, meeting rooms as well as both renovated and new support facilities.

Renovations to the Lodge, Nemacolin Woodlands Resort & Spa, Farmington,

PA—DRS provided architectural services for the renovation of public spaces and new mechanical room for the existing Lodge at Nemacolin Woodlands Resort & Spa. Mr. Jasneski served as Project



Manager. The project maintained the architectural style and character of the existing Lodge structure.



Wilson Lodge Addition, Oglebay Resort & Conference Center, Wheeling, WV—The four -story, 46,000 sq. ft. addition is the first guestroom addition at Oglebay Resort in 25 years. The building has 53 luxury rooms and increased the total Wilson Lodge inventory to 265 rooms. All of the questrooms have gas fireplaces,

minibars, exterior balconies or patios at grade, and large 5-fixture bathrooms with 2 sinks, separate glass-enclosed shower and bathtubs. The room mix is 36 Double Queens, 8 Kings, 4 ADA accessible and 5 suites

30 East Main Street Restaurant, Uniontown, PA—Project Architect for the complete renovation of a 25,000 SF historical building in Uniontown's Historical District. The first floor and basement were renovated for the 30 East Main Street Restaurant. The second and third floor contain spaces which will be used as offices in the future.





WILLIAM J. MICHAEL, ASID INTERIOR DESIGNER

EDUCATION

La Roche College B.S. Interior Design, 1997

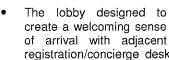
PROFESSIONAL ASSOCIATIONS American Society of Interior Designers

RELEVANT EXPERIENCE AND QUALIFICATIONS

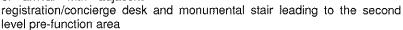
Mr. Michael is experienced in commercial and residential interiors with an overall emphasis in hospitality design. He has developed and presented interior design concepts and successfully implemented the designs through the various design phases including the selection, specification and procurement of interior finishes, furnishings, artwork and accessory packages. He has prepared detailed specification manuals, provided project coordination through purchasing agents, contractors and owners as well as overseen FF&E installations for both renovations and new construction.

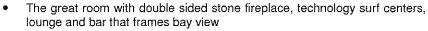
While successfully working within the standard packages provided by the numerous limited and full-service hotel brands, Mr. Michael has also been able to effectively expand these standards to create a unique and improved interior environment for a more exclusive product, desired by many owners/developers. Repeat work from each flag and client group is an indication of the impact and success from this approach.

Erie Bayfront Convention Center Hotel; Erie, PA - Lead Interior Designer for the Sheraton Hotel. Mr. Michael is responsible for the modification of prototypical interior design to feature local site and views. Special attention was paid to the following areas:



level pre-function area





- The restaurant includes the main dining room, private dining and outdoor terrace overlooking Presque Isle Bay
- 6000 SF function space with seven meeting rooms including a three bay grand bailroom overlooking the marina



Nemacolin Woodlands Resort & Spa: Farmington. PA - Mr. Michael has provided interior design services for the Elite Club Lounge at Falling Rock. Additionally, he is presently providing continuing design services for the resort. Some of his additional projects included capital improvements to renovations at Diamond Lil's Restaurant, The Spa at Nemacolin, Mar-

quis Ballroom & Pre-Function, Nemacolin & Seguoia Meeting Rooms, Grand Ballroom, Joseph's, The Club Room, Chateau LaFavette Lobby & Tea Room and the Presidential Suite.



OFFICE MANAGER

RFQ COPY

TYPE NAME/ADDRESS HERE

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

Request for Quotation

REQ NUMBER DNRB11059

ADDRESS CORRESPONDENCE TO ATTENTION OF

FRANK WHITTAKER 804-558-2316

DIVISION OF NATURAL RESOURCES PARKS & RECREATION SECTION

324 4TH AVENUE SOUTH CHARLESTON, WV 25303-1228 304-558-3397

DATE PRINTED FOB. TERMS OF SALE SHIPVIA FREIGHT TERMS 02/16/2011 BID OPENING DATE: 03/22/2011 -30PM CAT LINE QUANTITY: UOP **ITEM NUMBER** UNITPRICE AMOUNT 0001 LS ∌06-00-00-001 1 ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL EXPRESSION OF INTEREST (EOI) THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS \$OLICITING EXPTRE\$SION\$ OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR SKI AREA IMPROVEMENTS AT CANAAN VALLEY RESORT STATE PARK, TUCKER COUNTY, WV PER THE ATTACHED. ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING T Frank whittaker in the wv purchasing division via email AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 03/02/2011 AT 4:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE. EXHIBIT 10 REQUISITION NO.: ADDENDUM ACKNOWLEDGEMENT t hereby acknowledge receipt of the following checked ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND OR SPECIFICATION, ETC. SEE REVERSE SIDE FOR TERMS AND CONDITIONS -296-6492 25-161 3591 ADDRESS CHANGES TO BE NOTED ABOVE



MODZEK

RFQ COPY

TYPE NAME/ADDRESS HERE

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

Request for Quotation

DNRB11059

PAGE 2

ADDRESS CORRESPONDENCE TO ATTENTION OF

FRANK WHITTAKER

304-558-2316

DIVISION OF NATURAL RESOURCES PARKS & RECREATION SECTION

324 4TH AVENUE
SOUTH CHARLESTON, WV
25303-1228 304-558-3397

DATEPRINTED TERMS OF SALE SHIP VIA FOB FREIGHTTERMS 02/16/2011 BID OPENING DATE: 03/22/2011 OPENING TIME <u>01 - 3.0₽M</u> LINE QUANTITY UOP ITEM NUMBER UNIT PRICE AMOUNT NO: ADDENDUM NO. S: NO. 1 . NO. 2 NO. NO. NO. 5 UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM (S) MAY BE CAUSE FOR REJECTION OF BIDS. VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY dral discussion held between vendor's representatives AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING. NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID SEE REVERSE SIDE FOR TERMS AND CONDITIONS 254-246-6492 ADDRESS CHANGES TO BE NOTED ABOVE



RFQ COPY

TYPE NAME/ADDRESS HERE

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

Request for Quotation

RFQ NUMBER DNRB11059

FRANK WHITTAKER <u> 304-558-2316</u>

DIVISION OF NATURAL RESOURCES PARKS & RECREATION SECTION

324 4TH AVENUE SOUTH CHARLESTON, WV 25303-1228 304-558-3397

DATE PRINTED TERMS OF SALE SHIP VIA FOB FREIGHTTERMS 02/16/2011 BID OPENING DATE: . 03/22/2011 01:30PM BID OPENING TIME CAT UNIT PRICE AMOUNT LINE QUANTITY UOP ITEM NUMBER REV. 09/21/2009 NOTICE SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID BUYER: 44 DNRB11059 RFQ. NO.: 03/22/2011 BID OPENING DATE: BID OPENING TIME: 1:30 PM HLEASE PROVIDE A HAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: dontact person (piease | print clearly): SEE REVERSE SIDE FOR TERMS AND CONDITIONS

304-296-6492

ADDRESS CHANGES TO BE NOTED ABOVE



RFO COPY

TYPE NAME/ADDRESS HERE

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

Request for Quotation

DNRB11059

S CORRESPONDENCE TO ATTENTION

FRANK WHITTAKER <u> 304-558-2316</u>

DIVISION OF NATURAL RESOURCES PARKS & RECREATION SECTION

324 4TH AVENUE SOUTH CHARLESTON, WV 25303-1228 304-558-3397

SHIP VIA TERMS OF SALE DATE PRINTED F.O.B. <u>02/16/2011</u> **BID OPENING DATE:** 03/22/2011 01:30PM TIME LINE QUANTITY UOF ITEM NUMBER UNITPRICE AMOUNT H. PETRO, P.E. SAMER THIS IS THE END OF REQ DNRB11**0**59 ***** SEE REVERSE SIDE FOR TERMS AND CONDITIONS 25-161 3591 ADDRESS CHANGES TO BE NOTED ABOVE

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

Vendor's Name: GANNETT FLEMING, TNC. Authorized Signature: Date: 3/10/2011 State of Wast Virginia County of Managalia, to-wit: Taken, subscribed, and sworn to before me this 10 day of March 20/1. My Commission expires Jan. 2 , 20/2. AFFIX SEAL HERE NOTARY PUBLIC Managalia

