

December 2, 2008

State of West Virginia
Department of Administration
Purchasing Division
Mr. Frank Whittaker
2019 Washington Street, East
Charleston, WV 25305-0130

Re: Architectural/Engineering Services

Cacapon Resort State Park RFQ Number: DNR209057

Dear Mr Whittaker:

It is with enthusiasm that I submit this letter of interest and qualifications for Architectural design services for the planned development at Cacapon Resort State Park

J. Dan Snead & Associates, Inc. is an Architectural/Engineering firm committed to maintaining the highest levels of professional and ethical standards. Our comprehensive services encompass a wide background of experience provided by a competent staff dedicated to the pursuit of excellence. In addition, our consulting team of Terradon Corporation and CMA Engineering provide a strong and comprehensive background in park facility design.

Our experience, which is typically general commercial construction, involves a broad range of projects. Our design history includes hospitality projects, primary, secondary and higher education facilities, municipal and governmental buildings, administrative offices, industrial projects and various medical related programs.

Relevant projects include a new Golf Clubhouse at Glade Springs; Shoney's Inn, Beckley; Sun Mountain Resort and Amphitheater, Mt. Hope; Sleep Inn Hotel, Princeton and a new Baseball Stadium Park in Beckley.

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101 NORTH KANAWHA STREET SUITE 203 BECKLEY, WEST VIRGINIA 25801

> PHONE: (304) 252-6630 FAX: (304) 252-4856

My firm understands the design of new facilities, as well as the rehabilitation and renovation of existing facilities. We realize that teamwork, both with the Owner and construction professionals, is vital to a positive and successful conclusion of the design program.

Clients listed as references will attest to our understanding of clients' needs, budgets and time schedules, and perhaps more importantly, our unwavering commitment to project management and to our client's best interest.

J. Dan Snead & Associates, Inc. is a competent firm with proven ability to produce quality construction within budget limitations. We are very interested in discussing your proposed program with you and should we be selected to assist in your efforts, we pledge sensitivity to your needs, attention to detail, and the performance of our work in a professional manner.

We appreciate the opportunity to submit our expression of interest and look forward to hearing from you in the near future.

Sincerely

J. Dan Snead, AIA

JDS/pcf



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

Request for Quotation

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DIVISION OF NATURAL RESOURCES PARKS & RECREATION SECTION BUILDING 3, ROOM 719 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV

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PARKS & RECREATION SECTION
BUILDING 3, ROOM 719
1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV
25305-0662 304-558-2775

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STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

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

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun

ANTITRUST:

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

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

LICENSING:

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

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

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

| Vendor's Name: J DAN 5 | vead & Assoc. | INC |
|---|---------------|----------------|
| Authorized Signature: | A = A = A = A | Date: 2 DEC 08 |
| Purchasing Affidavit (Revised 07/01/08) | WXMI | |

Architects Planners

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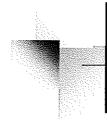
Projects

Terradon Corporation

CMA Engineering

Architects Planners

CORPORATE BACKGROUND



CORPORATE BACKGROUND

J. Dan Snead & Associates, Inc. is an Architectural firm founded on February 2, 1998, with the formation of a partnership including J. Dan Snead, AIA, Raymond E. Fink, Jr. and Steven D. Stone.

Dan Snead has thirty-five years of experience in architectural practice and was a principal and partner in a previous practice for ten years prior to organizing the firm.

Mr. Snead has a broad background in architectural design experience including educational and healthcare facilities, public housing, judicial, residential and general commercial design

Dan is currently a licensed architect in West Virginia and in response to the growing practice is seeking certification in other states. He is a member of the AIA and the West Virginia Society of Architects and is certified by the National Council of Architectural Registration Boards. Dan has become recognized as one of the leading architects in the state of West Virginia.

J. Dan Snead & Associates, Inc. has vast experience with a variety of projects and fully believes that each project requires a completely coordinated development from concept through design and construction. We focus our expertise on designing projects that are sensitive to our client's needs and projects that utilize the client's investment dollars to the greatest advantage. Our entire organization is dedicated to the achievement of project designs that are aesthetically pleasing, functional, and consistent with available funds.

The strengths of our firm lie in our talented staff, experience, and the ability to perform architectural services efficiently from inception to completion. We have but one simple goal - provide each client with the project they envisioned in an attentive, professional manner and to bring each project to a positive and successful conclusion.

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EVALUATIVE CRITERIA



EVALUATIVE CRITERIA

J. Dan Snead & Associates, Inc. has extensive experience in the design of educational, commercial and governmental facilities. Our staff has designed new educational facilities in Nicholas, Raleigh, Summers and Hardy counties. Some of our other projects involve renovations to existing educational institutions including: Southern West Virginia Community College, Concord College, Bluefield State College, West Virginia Schools for the Deaf and Blind, and various facilities in Wyoming, Marion and Raleigh counties. Our designs were also incorporated in the Valley One Office Building and the West Virginia State Office Building. Locally, some of our recent projects include the design of the new Shady Spring Junior High, a new administrative office complex for the Raleigh County Solid Waste Authority and the new Pioneer Community Bank, Sophia Branch, a new EOC/911 facility in Raleigh County, a new Health Sciences Building for Mountain State University in Beckley and miscellaneous public facilities in Fayette County, West Virginia.

The firm's principals, J. Dan Snead, AIA, and Raymond E. Fink, Jr. actively participate and supervise all aspects of design and construction administration employing a wealth of knowledge amassed through many dedicated years of experience.

Our firm is committed to the team concept of design and production. We recognize the value of establishing quality communications with the design committee as a means of thoroughly understanding the design objectives, program requirements and project budget. Through utilization of this concept, project owners are valued as a member of our team from the schematic phase through the completion of the project.

Dan Snead, AIA, has a history of providing aesthetically pleasing designs within budget limitations by avoiding trendy design issues and by steadfastly adhering to the "elegance of simplicity." His projects are applauded for their design and for their high value/cost ratio.

Through many years of experience, the firm's principals have refined the ability to evaluate the probable construction costs in the project programming stage to allow us to assess the appropriateness of the proposed budget related to the proposed scope of work.

- J. Dan Snead & Associates uses the latest computer and software technology, ARRIS Version 9.0 and AutoCAD 2007, to produce all of our design documents. Combined with the gifted architectural designers in our firm, our computers provide precise, accurate drawings, which translate into lower bid costs from contractors and fewer change orders. Our record regarding change orders is one of the industry's best and our goal is to have few, if any, change orders on all projects.
- J. Dan Snead & Associates is enthusiastic about the prospect of working with you. We pledge sensitivity to your needs, attention to detail, and the relentless pursuit of excellence.

Architects Planners

RESUMES

J. DAN SNEAD, AIA

EDUCATIONAL BACKGROUND

West Virginia Institute of Technology, 1965

REGISTRATIONS & MEMBERSHIPS

National Council of Architectural Registration Boards The Board of Architects, State of West Virginia, 1608 American Institute of Architects West Virginia Society of Architects

PROFESSIONAL EXPERIENCE

J. Dan Snead & Associates, Inc., Beckley, West Virginia 1998 - Present

Computects, Inc. - Beckley, West Virginia 1988 - 1998

Donald H. Stark Architects, Inc. 1973 - 1988

SUMMARY

Mr. Snead is a licensed architect in West Virginia and a member of the American Institute of Architects; the West Virginia Society of Architects; and is certified by the National Council of Architectural Registration Boards.

With over thirty-four years of experience in Architectural design and construction administration, Dan has developed a well known, excellent reputation within West Virginia for providing functional, aesthetically pleasing designs within budget limitations. His innovative designs and understanding of design objectives have rewarded him with a long list of satisfied, repeat clients.

His experience is extensive and varied and includes primary, secondary and higher education facilities; municipal and government facilities; administrative offices; industrial and commercial projects; as well as numerous renovation, rehabilitation and adaptive reuse projects. Many of the designs Dan has developed require significant sensitivity to historic issues, local codes, life safety and current ADA thinking.

Dan is dedicated to maintaining the highest levels of both professional and ethical standards and to the coordination of teamwork both with the Owner and construction professionals to bring to each project a positive and successful conclusion.

RAYMOND E. FINK, JR.

EDUCATIONAL BACKGROUND

PROFESSIONAL EXPERIENCE

ISTRATIONS

Bluefield State College - A.S. Civil Engineering Technology, 1972 - 1974

Mercer County Vocational Technical School - Civil Engineering Technology, 1971 - 1972

Licensed Land Surveyor, West Virginia, 1989 Certified Surface Mine Foreman, West Virginia, 1977

> J. Dan Snead & Associates, Inc., Beckley, West Virginia 1998 - Present

Almes & Associates, Inc., Beaver, West Virginia 1997 - 1998

Computects, Inc., Beckley, West Virginia 1984 - 1997

Oscar Vecellio, Inc., Beckley, West Virginia 1976 - 1983

SUMMARY

Raymond has more than thirty-three years of experience in the fields of Civil Engineering and Architecture. He has worked as Party Chief and Chief of Surveys directing boundary and topographic field surveys as well as construction layout. He has also served as foreman and cost estimator for various site construction projects spanning a period of nine years.

For more than twenty years, Raymond has worked in construction administration for various architectural projects including site inspections and review of submittals. He has been responsible for the preparation of all architectural drawings for residential, educational and commercial facilities.

As well as his unique surveying, engineering and architectural background, Raymond commands a wealth of computer knowledge. He has served as the Systems Administrator for computer operations and is proficient in the use of AutoCAD 2007 and ARRIS Version 9.0.

DONALD H. NORMAN, II

EDUCATIONAL BACKGROUND

Bluefield State College - B.S. Mining Engineering Technology, 1986

ROFESSIONAL EXPERIENCE

J. Dan Snead & Associates, Inc., Beckley, West Virginia 2001 - Present

Pentree, Inc., Princeton, West Virginia 1994 - 2001

Computects, Inc., Beckley, West Virginia 1987 - 1993

SUMMARY

Don has more than nineteen years of experience in the fields of Architecture and Civil Engineering. This experience is primarily in the design and detailing of bidding documents and project administration with some civil engineering experience in the field as well.

Don has served as an architectural designer for various construction projects during the last six years and has served as an engineering technician for construction projects spanning a period of seven years.

He has been responsible for the preparation of architectural drawings for residential, educational and commercial facilities. He has also been responsible for the preparation of engineering drawings for water and sanitary sewer projects as well as West Virginia Department of Transportation projects.

Architects Planners

REFERENCES

J. Dan Snead & Associates, Inc. References

Jack Bowden, Jr., Director Raleigh County Emergency Services Authority (304) 255-0911

Mr. James E. Sizemore, President Pioneer Community Bank (304) 938-5322

Dr. Charlotte Hutchens, Superintendent Raleigh County Schools (304) 256-4506

Phillip Jarrell, Project Coordinator Raleigh County Board of Education (304) 256-4651

David Quisenberry, Director of Services Summers County Board of Education (304) 466-6007

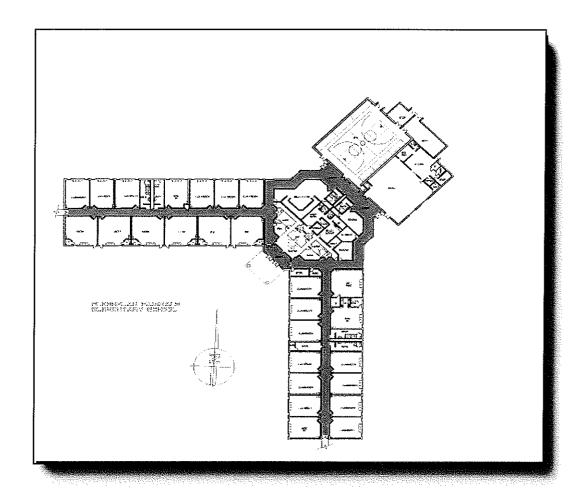
Ron Ward, Chief Business Officer Mountain State University (304) 929-1371

Jeff Brewer, Supervisor of Buildings and Grounds Wyoming County Board of Education (304) 732-6262

Mr. Steve Crosby, P.E. Cooper Land Development, Inc. (800) 648-6401 Architects Planners

PROJECTS

Fairdale Elementary School



The currently under construction Fairdale Elementary School is funded in part by a School Building Authority Grant.

The school population is approximately 500 and the building footprint contains 52,000 square feet

The budget of \$8,422,000 which includes construction costs and A/E fees, produces a unit cost of \$162.00 per square foot

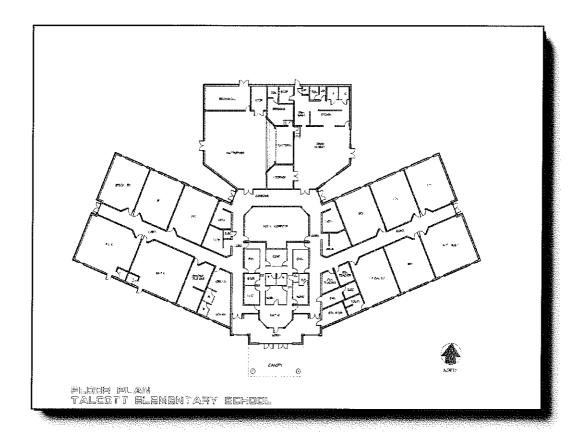
Unique features of construction include a gymnasium, sloping roof, ceramic tile in all corridors and a media center with a two tier computer lab

The new Fairdale Elementary includes the latest technology in classroom security

Fairdale, WV Raleigh County

Total Project Budget: \$8,422,000

Talcott Elementary School



The currently under construction Talcott Elementary School completes the construction programs of Summers County Schools by replacing the 72 year old existing building.

The new elementary school had a five million, three hundred thirty thousand dollar budget and was funded by a School Building Authority Grant. The student population is approximately 200 and the building area is 26,000 square feet.

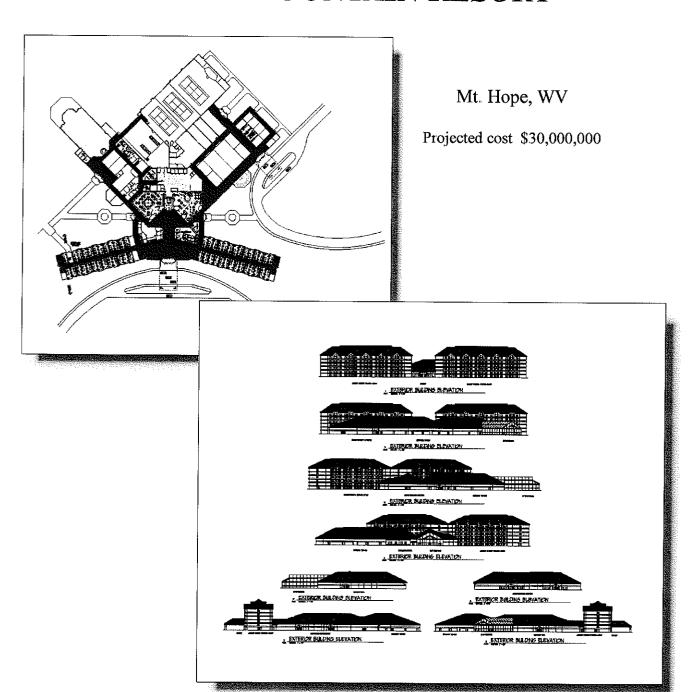
The plan features a central Administration Area, Media Center, Multipurpose Room and Dining Hall flanked on both sides by classroom wings.

Additional features include an isolated bus loop and the latest technology in school security.

Talcott, WV Summers County

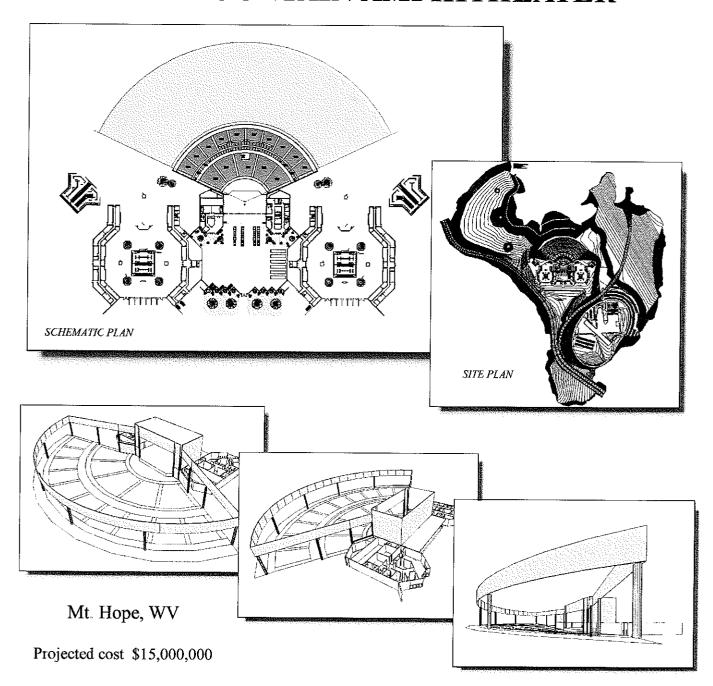
Total Project Budget: \$5,330,000

SUN MOUNTAIN RESORT



The Sun Mountain Hotel and Conference Center is designed to be an upscale full service destination resort. Principal features include a 300 room, four star hotel, two restaurants, conference center with elevated lecture room, health spa, boutique, natatorium and indoor tennis courts/convention hall The facility was designed to harmonize with the rural site by developing multiple smaller structures creating a village appearance. The development is currently on hold pending financial arrangements.

SUN MOUNTAIN AMPHITHEATER



The Sun Mountain Amphitheater is intended to bring world class entertainment to rural West Virginia The Amphitheater will seat 7,000 under a canopy with another 15,000 in casual seating on a turf covered bowl Design features include state of the art dressing and dining facilities for the performers and their entourage, two large concession areas, abundant public toilets, two 24' x 36' Jumbotron video screens and an administrative building. The architectural design and landscaping are intended to provide an open and festive feeling.

The development is currently on hold pending financial arrangements

SHONEY'S INN



 $Beckley,\ WV$

New Construction

Total Project Cost: \$2 Million

Located in Beckley, West Virginia near the Harper Road interchange of I-77/I-64, this project presented the typical design constraints of a difficult site, a limited budget and the requirement of an accelerated construction schedule.

Additionally, Shoney's rigid development criteria along with state and local code enforcement necessitated the requirement for extremely careful coordination.

The Shoney's Inn at Beckley was completed on schedule and within budget limitations

SHADY SPRING MIDDLE SCHOOL



The recently completed Shady Spring Middle School project is part of a \$20,000,000 construction program undertaken by Raleigh County.

The new Shady Spring Middle School had a budget of over nine million dollars and was partially funded by a School Building Authority grant

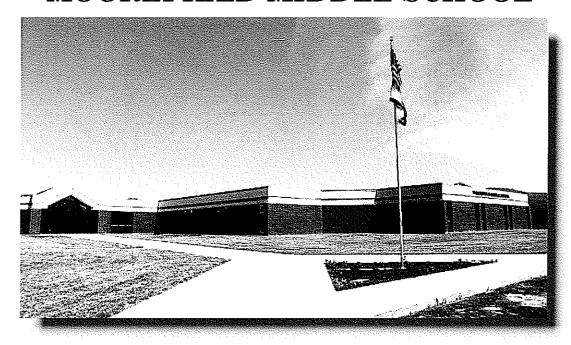
The new facility houses 600 students in three academic pods. It contains 78,000 square feet and features a unique design facilitating the middle school concept. Incorporated into the design is a centrally located administrative suite, media center, and commons area.

Additional features include three computer labs and an isolated, but easily accessible gymnasium

Shady Spring, WV Raleigh County

Iotal Project Budget: \$9,500,000

MOOREFIELD MIDDLE SCHOOL





Moorefield, WV

 $New\ Construction$

Total Project Cost: \$6.4 Million

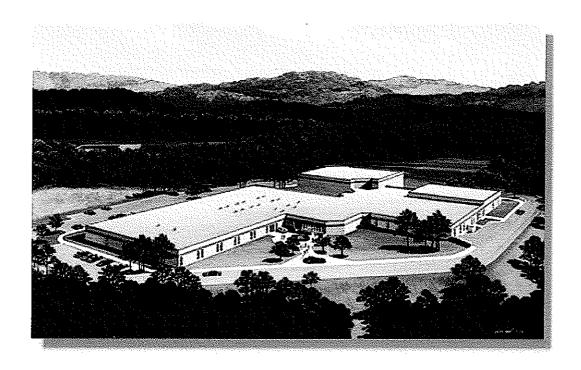
The Moorefield Middle School design concept was based on the desire of Hardy County Administrators to create a true middle school. The facility drew fifth and sixth grade students from Moorefield Elementary and seventh and eighth grade students from Moorefield High.

The new school is located on gently sloping farm land with vistas of the nearby mountains of the Potomac Highlands.

Innovations included separate bus and public circulation routes providing maximum student safety, a spacious library equally accessible from both education pods, a computer lab with all monitors visible from a central location, and a unique gymnasium which is fully air conditioned



INDEPENDENCE JUNIOR HIGH



Sophia, WV

New Construction

Total Project Cost: \$6 Million

Independence Junior High School was designed to provide the Owners a functional and attractive facility on a predetermined budget and area. The school was designed for the inclusion of the Creative Learning Systems, Inc., "Lab 2000". With this system, students can integrate today's technology with the classroom. Computers provide the students the opportunity to study manufacturing, communication, transportation, and construction technologies in their own environment. Innovative gymnasium design provided an additional 3,000 square feet at little, if any, cost to the Owner and produced a gymnasium that complemented the layout of the school The combination of all the special ingredients in Independence Junior High School has provided Raleigh County with a unique educational facility to be utilized by students and faculty for many generations.

SUMMERSVILLE JUNIOR HIGH SCHOOL



Summersville, WV

New Construction

Total Project Cost: \$5.2 Million

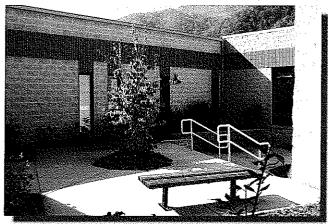
The Summersville Junior High School was constructed as part of a \$9,000,000.00 bond program supported by the residents of Nicholas county.

The total project cost of 5.2 million dollars constructed a school of 92,000 square feet and includes a unique gymnasium, band music suite, kitchen, cafeteria, high-tech science facilities and a library.

The school, which is the result of a sensitive design approach coupled with the dedicated efforts of an involved administration, has produced an exemplary facility representing a high value to cost ratio.

SUMMERS COUNTY HIGH SCHOOL





Hinton, WV

New Construction

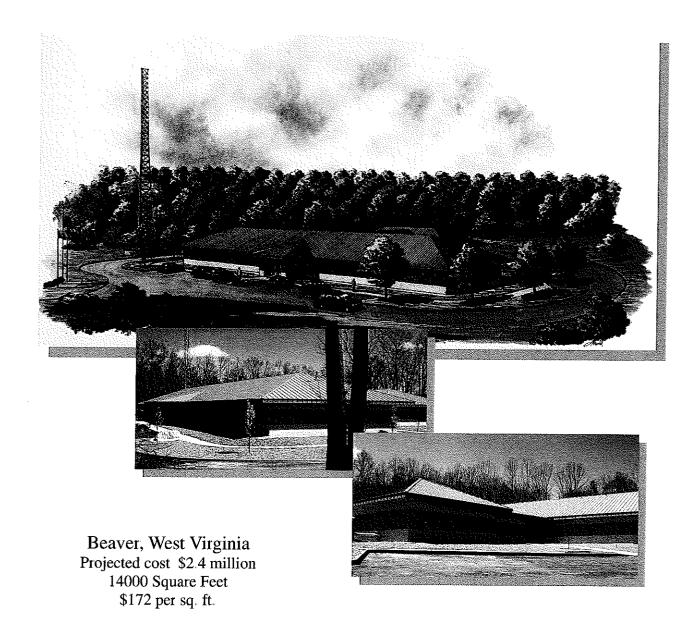
Total Project Cost: \$6 Million

Summers County High School is a comprehensive facility which includes the Summers County Career Center.

Unusual design considerations involved an extremely linear site bounded by a river, a railroad, a stadium and a recreation park. Additional site considerations included the three existing buildings of the Career Center and circulation access to the county football stadium. Additionally, there was a desire to limit the new construction to a single story.

The school includes a competition gymnasium, a centrally located library and an auditorium.

RALEIGH COUNTY EOC/911 CENTER



The new Raleigh County EOC/911 Center is located on a wooded four-acre site in an industrial park near Beckley, West Virginia. The new facility is designed to accommodate normal 911 activity and is intended to act as a regional command center for emergency services during times of need. The new center features a secure, internal dispatch area, state-of-the-art communication and data systems, a large command center/board room, administrative wing, 3,000 square feet of emergency equipment storage and overnight accommodations for emergency staff. Additional features include masonry structure and a standing seam metal roof for low maintenance.

PIONEER COMMUNITY BANK



The Pioneer Community Bank is a new branch facility located at the Lester Square Shopping Center The facility is constructed with wood frame, EIFS exterior, metal roof, aluminum entry and clad windows providing a maintenance free exterior

The exterior design is somewhat monumental and employs fluted, oversized columns to produce a sense of solidity and tradition

Interior finishes are of high quality and were selected for durability and quiet elegance.

Design features include a vaulted entry canopy, which extends from the exterior through the lobby and terminates at the teller stations A partial second floor allows a Board Room with dormer windows and a large storage space

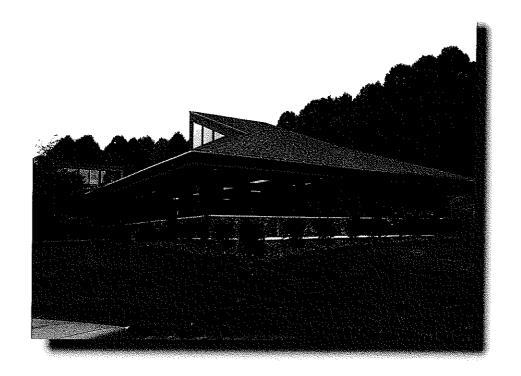




Sophia, WV

Total Project Cost: \$420,400

RALEIGH REGIONAL CANCER TREATMENT CENTER



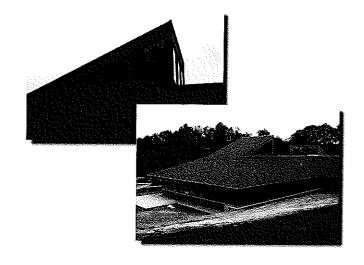
Chemotherapy Outpatient Addition

The new addition was designed to harmonize with the original building design and to significantly increase patient capacity.

The 2,600 square feet addition includes a large treatment room with vaulted ceiling and clerestory, doctor's offices, exam rooms, nurse's station and laboratory.

Design and construction problems included matching original building materials and maintaining patient caseload during normal construction activities.

The project was completed on time and under budget



Beckley, WVTotal Project Cost: \$360,000

RALEIGH COUNTY SOLID WASTE AUTHORITY



Lanark, WV

New Construction

Total Project Cost: \$357,525

The Raleigh County Solid Waste Authority requested that their new administrative office be designed to reflect the progressive and highly professional philosophies of the Authority and its staff

The design accommodates anticipated future space needs of the Authority as well as a technology infrastructure which insures the efficient operation of the facility.

Exterior and interior materials were selected for durability and to be low maintenance over an extended period of time.

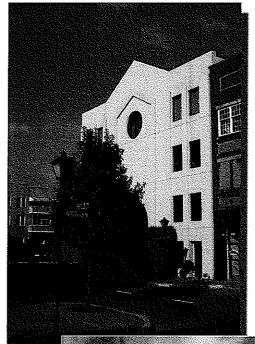
The location of the building on the site considered ease of public access and a very attractive view from the Board Room overlooking active and completed landfill cells

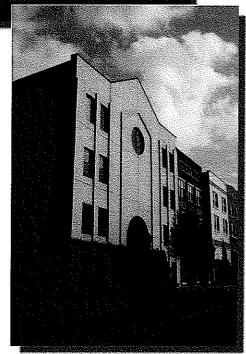
Building features include a hexagonal vaulted center section divided into a Board Room and Entry Lobby. The vaulted ceiling is formed by laminated wood beams and decking. Large windows with curved overpanels provide abundant visual access to the view beyond





WV STATE OFFICE BUILDING





Beckley, WV

Total Project Cost: \$3.2 Million



The State Office Building, located in Beckley, West Virginia, was developed as a downtown revitalization project.

The original building was abandoned and previously housed a J.C. Penney retail store. The five story facility was completely renovated to contain various state agencies.

A five story addition containing 20,000 square feet was added to the back of the building bringing the total developed space to 46,000 square feet.

Design challenges included giving the original building a totally new look, while maintaining existing openings and structural elements. Additionally, it was important to provide a design that was in harmony with the existing downtown environment.

This project was completed on time, within budget, and with no change orders.

Architects Planners

Terradon Corporation, Consultant



LAND PLANNING

CIVIL ENGINEERING

LANDSCAPE ARCHITECTURE

SURVEYING AND MAPPING

> ENVIRONMENTAL ENGINEERING

MATERIALS TESTING

CONSTRUCTION
MONITORING

Richmond, Virginia P (804) 673-2560 F (804) 673-2561

Charleston, West Virginia P (304) 755-8291 F (304) 755-2636

Lewisburg, West Virginia P (304) 645-4636 F (304) 645-7614

www.terradon.com

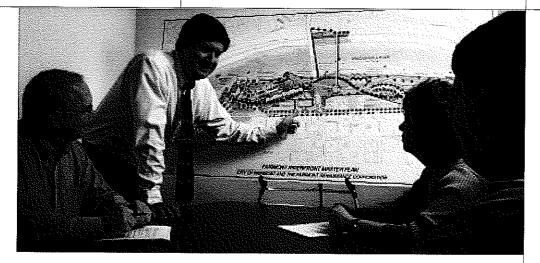


ABOUT TERRADON



TERRADON
is regarded
as one of the
region's leading
land and
infrastructure
planning and
design firms.





TERRADON CORPORATION offers a wide range of engineering and environmental services, and is particularly suited to land and infrastructure design and development in Virginia, West Virginia, and the Eastern United States.

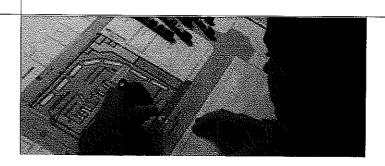
The company was founded in 1989 by Virginia King, and is certified as a "Woman Owned Business Enterprise" (WBE) by the National Women Business Owners Corporation (NWBOC). The firm is SWaM certified by the Virginia Department of Minority Business Enterprise (# 669221)

The staff of over 70 persons includes engineers, landscape architects, surveyors, planners, environmental scientists, designers, and technicians The firm operates from offices located in Richmond Virginia, Charleston West Virginia, and Lewisburg West Virginia

TERRADON's services are organized into the following seven service areas that work together or independently, depending on client needs and the scope of the project.

Services Include:

- · Civil Engineering
- Surveying and Mapping
- Land Planning and Site Design
- Geotechnical Engineering
- · Environmental Engineering
- · Highway and Roadway Design
- Materials Testing and Construction Monitoring
 Due to the breadth of services offered,
 TERRADON is regarded as one of the region's
 leading land and infrastructure planning and
 design firms. The firm has built its reputation by
 providing cost effective design solutions and
 maintaining the highest level of customer service.



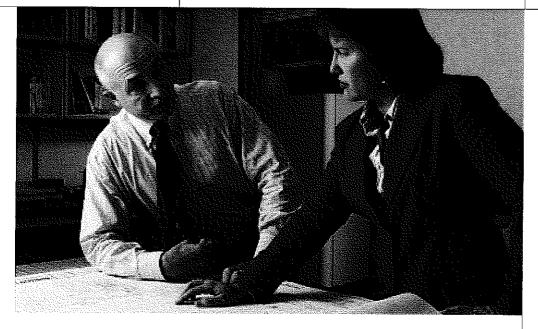


CIVIL ENGINEERING



The project
engineer manages
and controls all
phases of the
design process.





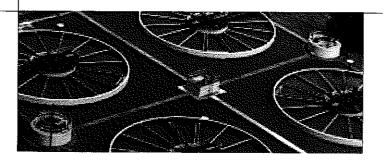
TERRADON provides a broad range of civil design services for private owners and public entities. TERRADON's staff of civil engineers combine the latest in computer technology with years of practical experience to deliver a quality, cost-efficient design solution. Projects are completed on time, in compliance with state and federal regulations and internal quality assurance/quality control guidelines.

Services include:

- Water Treatment, Storage, and Distribution
- Wastewater Collection, Pumping, and Treatment
- · Storm Water Management

- Natural Stream Design and Mitigation
- Mine Reclamation
- · Utility Planning and Layout
- · Cut and Fill Analysis
- Erosion and Sediment Control

Our engineers have numerous resources within TERRADON to draw on, such as surveying, geotechnical engineering, environmental engineering, landscape architecture, materials testing, and construction monitoring. This allows the project engineer to manage and control all phases of the design process, from initial site reconnaissance through construction



TERRADON

LANDSCAPE ARCHITECTURE



TERRADON is
experienced in
providing a wide
variety of
engineering,
environmental,
and surveying
services required
for your project.





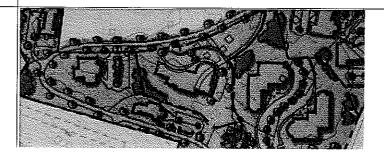
TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional landscape architects work closely with the client from the project's initial phase, through schematic design, construction documents, and project delivery. Services provided include master planning, site feasibility studies, schematic design, layout plans, grading plans, stormwater management plans, erosion control plans, planting plans, presentation drawings/renderings, graphic design, and construction observation

TERRADON is experienced in providing a wide variety of engineering, environmental, and surveying services required for your project These related services enhance and integrate with Landscape Architecture. This provides TERRADON with the opportunity to provide clients

across the region with the highest level of quality site design and landscape architecture available. The engineering and environmental services include identifying site constraints and conditions that could have an impact on the feasibility of a site.

Site design and land planning services are provided for a wide range of project types including:

- Recreation facilities
- · Education institutions
- Commercial Developments
- · Government entities
- · Residential Development
- · Environmental elements
- Medical facilities
- · Riverfront enhancement
- · Greenway/greenspace projects
- Vehicular/Pedestrian circulation and storage facilities



IERRADON

SURVEYING AND MAPPING

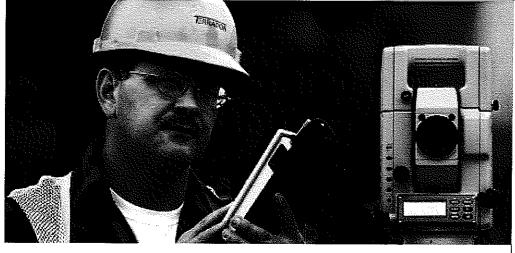




accurate gathering

of field

information.

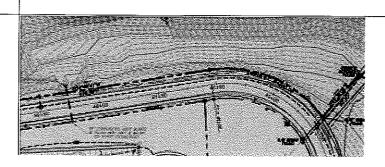


TERRADON has an experienced staff of professional surveyors who provide mapping, construction layout, ALTA surveys, topographic surveys, and boundary surveys.

TERRADON is equipped with the newest surveying instruments, ensuring the highest standards of efficiency and accuracy. Fully-equipped data collection stations are utilized for complete field-to-office automation, resulting in high productivity levels. The latest software is then used to process the data and achieve the desired end product/results.

Small mapping projects are completed inhouse, following the aforementioned process. Large projects are more economically mapped by aerial mapping with TERRADON providing the necessary control surveying. As a quality control measure, mapping is field checked for accuracy Mapping information is then received in digital format for direct input into the CAD system

TERRADON also offers Global Positioning System (GPS) services Data acquisition is accomplished by visiting the point and recording its attributes for inclusion in a geographic information system or database. Labor costs are significantly reduced by a one-person operation. The more remote or geographically diverse your needs are, the greater the savings using TERRADON'S GPS services.



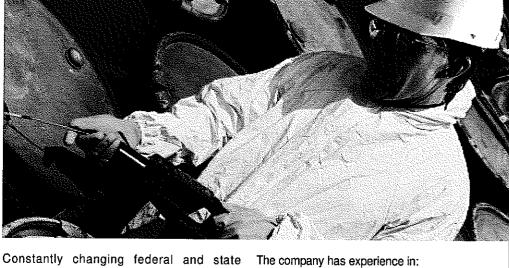


ENVIRONMENTAL SERVICES



TERRADON has a thorough understanding of state and federal environmental permitting processes and regulations.





Constantly changing federal and state environmental requirements are difficult to track and can have a serious impact on businesses and other organizations. TERRADON closely follows environmental activities on the local, state, and federal level. TERRADON has a thorough understanding of state and federal environmental permitting processes and regulations. This expertise applies to both the initial permit preparations, as well as subsequent negotiations affecting the permit. The firm's strength in addressing environmental issues is built on the diversity of our staff with credentials in chemical engineering, chemistry, civil engineering, geotechnical engineering, and geology

- · Environmental Site Assessments (Phase I, II)
- · Environmental Remediation (Phase III)
- · Solid Waste
- · Hazardous Waste
- · Process Water
- Wastewater
- Storm Water (SWPPP, GPP, Permitting)
- Groundwater
- Air Permitting (Tier II, Form R, Title V, Reg 13)
- · Wetland and Steam Investigations
- · COE and State Permitting
- NEPA Compliance
- Telecommunications Tower Compliance
- · Emergency Response Plans





COMPUTER AIDED DESIGN CAPABILITY



TERRADON maintains the computer design and office management software.





TERRADON maintains the latest office latest technology in management and design software available The firm also utilizes a state-of-the-art secured network tied directly to the internet though a T2 connection.

> For site design, civil, and planning projects the firm utilizes AutoCAD Civil 3D 2008 along with Land Desktop Companion 2008. Additional AutoCAD modules include Raster 2008, Survey 2008, and Civil Design 2008 For highway, roadway, and structural projects, the firm uses Bentley MicroStation, Bentley InRoads, SAP2000, and MDX This is the West Virginia Division of Highways preferred format.

TERRADON's library of design software also includes SedCad & Pond Pack for erosion/ sediment control, StormCAD & HydroFlow for

drainage, WaterCAD for water distribution and management, and FlowMaster for hydraulic calculations.

TERRADON makes a significant investment in computers and related hardware. Our systems are consistently upgraded or replaced to maintain highly efficient CAD stations.

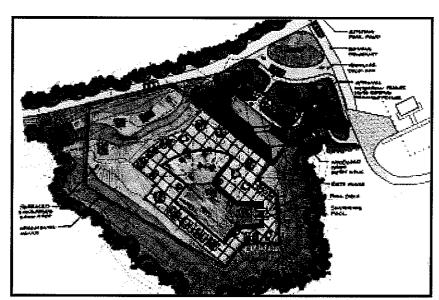
HP8000 laser printers located conveniently to the design stations provide quick 11X17 proof plots for designers TERRADON uses the latest HP Design Jet plotters to provide the highest quality prints of plans available.



PARK PROJECTS

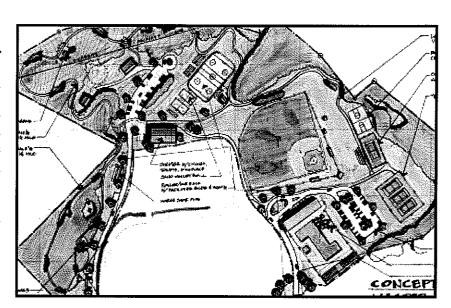


TERRADON was responsible for site master planning through construction documents for a new swimming pool at Bluestone State Park in Summers County, West Virginia



UPSHUR COUNTY PARK

TERRADON prepared a recreational land use and site master plan to expand and upgrade the existing Upshur County Park The site is located adjacent to Buchannon Upshur High School

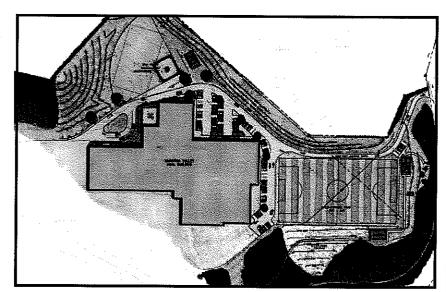




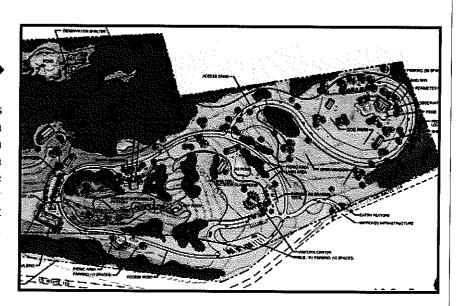
PARK PROJECTS

YMCA OF KANAWHA VALLEY - ATHLETIC FIELDS

TERRADON provided master planning through construction documents for the addition of athletic fields at the YMCA facility located on Hillcrest Drive in Charleston, West Virginia.



Dorsey's Knob Park and Visitors
Center - Morgantown, West Virginia
Terradon provided a site master plan
for this multi-user facility. When
completed the facility will provide
recreation as well as a one-stop visitor
center for the city, county, and West
Virginia University visitors.

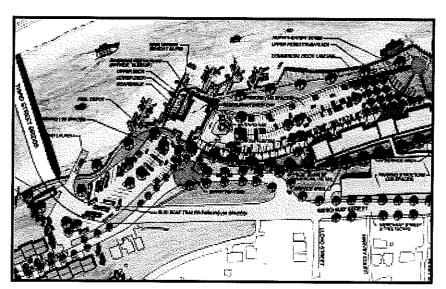




PARK PROJECTS

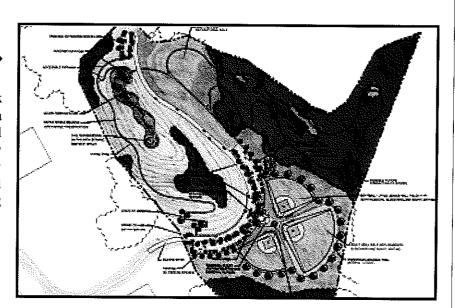
City of Fairmont Riverfront Development Master Plan

- Fairmont, West Virginia
TERRADON provided a land use
study and proposed land use master
plan for this 30 acre development
located on the Monongahela river in
Fairmont, West Virginia. TERRADON was awarded an Engineering
Excellence Award for this project by
the West Virginia Association of
Consulting Engineers in October
2002.



Roane County Park

- Spencer, West Virginia TERRADON provided master planning for this county park that includes a Civil War memorial, little league baseball complex, picnic areas, walking trails and public green space.

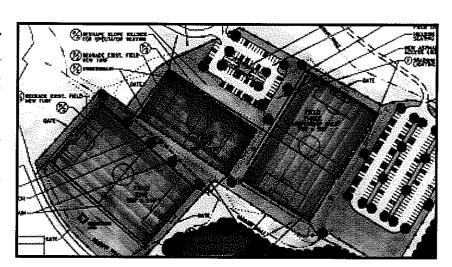




PARK PROJECTS

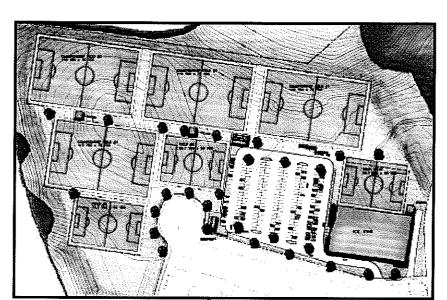
FAYETTE COUNTY YOUTH SOCCER COMPLEX

TERRADON provided full service master planning, design and construction document preparation for a three-field soccer complex adjacent to Oak Hill High School for the Fayette County Youth Soccer Association



THE FIELDS AT TRACE FORK

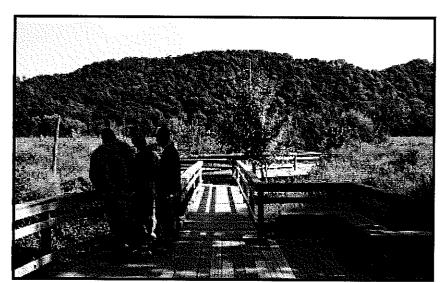
TERRADON provided schematic design, master planning and construction document preparation for a six-field soccer complex in South Charleston for the Kanawha Charleston Soccer Association. The facility will be located adjacent to the Memorial Ice Arena in the Trace Fork Development.





Wetlands of Winfield

- Winfield, West Virginia
TERRADON provided master
planning through construction for this
wetland education facility which
includes such amenities as environmentally sensitive boardwalks and
hiking trails, educational signage, and
meeting platforms TERRADON
provided design-build services for the
facility to Toyota Manufacturing and
AEP who sponsored the project



HARVEYTOWN PARK

TERRADON provided site analysis, inventory mapping, master planning, and construction documents for a neighborhood park to the Greater Huntington Park and Recreation District Phase I construction included this Picnic Shelter

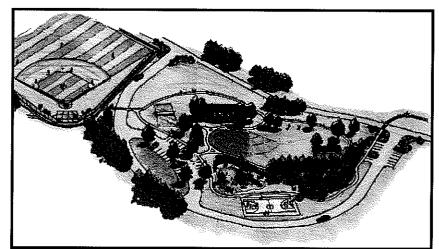






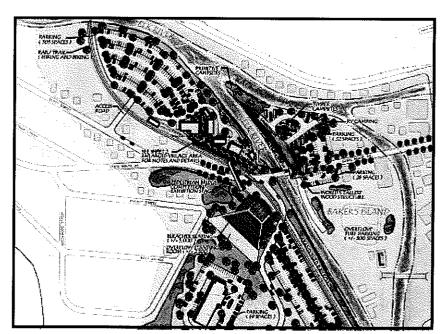
CURRY PARK

TERRADON prepared a master plan and recreational land use plan for 220 acres of undeveloped land. The site is located in Upshur County, West Virginia.



WOODCHOPPER'S VILLAGE

TERRADON developed a master plan and recreation feasibility study for the develpment of this lumberjack/ woodchopper's themed recreation destination park Project amenities include a woodchopping/lumberjack arena to be used for world championship chopping contests, timber industry educational exhibits, arts & crafts village, cultural and history museum, railroad attractions, rail trails, and fishing amenities.





PROGRAMTEAMSTAFFING

GREGORY D FOX, ASLA LANDSCAPE ARCHITECT

TERRADON's Land Development Services are managed by Gregory D. Fox, ASLA. Mr. Fox, a native of West Virginia, has been responsible for a number of notable recreation, commercial, and educational site development projects since joining TERRADON in February of 2000. His group earned a 2001 Engineering Excellence Award from the West Virginia Association of Consulting Engineers for the master planning of an extreme sports park at WVUIT in Montgomery. They also earned a 2002 Engineering Excellence Award from the West Virginia Association of Consulting Engineers and a 2002 Merit Award from the American Society of Landscape Architects for the City of Fairmont Riverfront Master Plan project. Most recently, the 2005 Gold Award from the Amercian Council of Engineering Companys and a 2005 Honor Award from the American Society of Landscape Architects was presented to the firm for the site design of the new West Virginia Division of Environmental Protection Headquarters Building.

REGISTRATION

Professional Landscape Architect

West Virginia Virginia

Ohio

Pennsylvania

EDUCATION

B. S. Landscape Architecture, 1988, West Virginia University

B. A. Geography (Planning), 1994, West Virginia University

WORK

2000 - Present TERRADON Corporation

EXPERIENCE

1996 - 2000

Martin Boal Anthony & Johnson Architects, Charlotte, NC

1993 - 1996

Site Design, Huntington, WV

1989 - 1993

E.G.&G., Inc., Akron, OH

1988 - 1989

PSC Engineers, Lancaster, PA

PROJECT EXPERIENCE

Fairmont Coke Works Site Redevelopment, Fairmont, WV

Fountain Place Development, Logan, WV Southridge Center Phase II, Charleston, WV

Fairmont Riverfront Master Plan, Fairmont, WV

Blue Mountain Village, Bluefield, WV Ashland Development, Southern, WV Quarry Creek Expansion, Charleston, WV

Lake of Egypt, Southern Illinois River Ridge, Gauley Bridge, WV Leatherwood Crossing, Bluefield, VA Black Diamond, Blacksburg, VA The Homestead, Warm Springs, VA

IERRADON

PROGRAMTEAMSTAFFING

PETER J WILLIAMS, ASLA LANDSCAPE ARCHITECT

Pete Williams, ASLA, brings over eleven years of experience, and has worked on a variety of projects located throughout West Virginia. His responsibilities include landscape architectural design, grading and storm water drainage design, the design of pedestrian circulation systems and related amenities, roadway design, site planning, and quality control. He has worked on a number of state parks, highway projects, and schools. He is the current State Chapter President of the American Society of Landscape Architects.

Professional Landscape Architect, West Virginia

B. S. Landscape Architecture, 1991, West Virginia University

2000 - Present TERRADON Corporation

1992 - 2000 Chapman Technical Group, St. Albans, WV 1991 - 1992 Landscapes Unlimited, Morgantown, WV

Over the course of his career, Mr. Williams has been involved in a number of notable projects:

Beech Fork State Park Campground Improvements Twin Falls State Park Lodge Expansion WVUIT Extreme Sports Park Master Plan Charleston Job Corps Marshall University Softball Field Buckhannon/Upshur High School Track Addition Trinity High School Phillip Barbour High School Fairmont Senior High School Addition and ADA Renovations Capon Bridge Middle School Winfield High School Addition Berkeley Intermediate School McDowell Co. Elementary Doddridge County High School Cass Elementary School Huntington VA Hospital Beckley Federal Courthouse

Upshur County Courthouse



PERSONNEL RESUMES

HARVEY "BUD" Mc CALLISTER, JR., P.E. SENIOR CIVIL ENGINEER

Mr. McCallister has over 30 years of experience in water projects including regulatory compliance and permitting. His resume includes very successful water projects in many West Virginia cities and communities including: Town of Burnsville, City of Logan, City of Glenville, City of Salem, Town of West Union, Town of Fort Gay, Hooverson Heights Public Service District, City of St. Marys, City of Fairmont, Town of Ravenswood, Salt Rock Public Service District, City of Parsons, City of Charles Town, Flatwoods Canoe-Run Public Service District, City of Buckhannon, Walton PSD, Clay Roane PSD and many others.

In addition to his extensive experience in the consulting engineering field, Mr. McCallister has several years' experience working for regulatory agencies such as the WV Department of Environmental Protection and the WV Bureau for Public Health. In his role as a regulator, Mr. McCallister assisted many communities with compliance with regulatory issues and operational problems. This experience has been invaluable to his knowledge of regulations, system operations, and regulatory agency requirements for water and sewer projects.

Mr. McCallister's duties include being in responsible charge of the design teams as it relates to technical design of water projects and to provide oversight to operation and maintenance issues relating to the projects.

EDUCATION

B.S. Civil Engineering, 1969, West Virginia University

M.S. Civil Engineering - Sanitary Engineering, 1972, West Virginia University

REGISTRATION

Professional Engineer: West Virginia, Ohio

Work Experience

2007 - Present TERRADON Corporation

1977 - 2007 Various consulting firms and WV-DEP, WV-BPH

PROJECTS

Kanawha State Forest Wastewater Treatment Plant Replacement Project

Design engineer for the Kanawha State Forest Wastewater Treatment Plant Replacement. The project involved replacement of an existing septic tank at Kanawha State Forest in Kanawha County The wasteload allocation required very low levels of suspended solids, BOD, nitrogen, and low levels of chlorine. A recirculating sand filter with ultra-violet light disinfection was designed to meet the discharge limits

Bluestone State Park Wastewater Treatment Plant Replacement

Design engineer and Project Manager for a 26,500 GPD package extended aeration wastewater treatment plant at the camp ground The project required removal of the existing package treatment plant and installation of ht new plant during the off-season

State Park Study for the Department of Health

As an employee for the Department of Health, inspected water and wastewater facilities at a number of state parks and assisted in preparation of the report to the legislature.



PROGRAMTEAMSTAFFING

TIMOTHY T WHITE, PE HIGHWAY/ROADWAY ENGINEER

Mr. White manages TERRADON's Transportation Department and has twelve years experience in the design and project management of various transportation projects. His extensive project experience ranges from small urban intersections and streets to major interchanges, freeways and interstate highways. His capabilities include all aspects of highway design, including alignment studies, traffic control plans, and signing and pavement marking plans. He also has extensive experience in stormwater management, and environmental permitting.

REGISTRATION

Professional Engineer: West Virginia, Ohio, Kentucky, and Arkansas.

EDUCATION

B. S. Civil Engineering, 1992, West Virginia University

Work

2003 - Present

TERRADON Corportation

EXPERIENCE

1998 - 2003

Louis Berger Group, Charleston, WV

1995-1997

Chapman Technical Group, St. Albans, WV

1993 - 1995

Battleridge Construction Company, Belle, WV

1992 - 1993

WVDOH, Charleston, WV

PROJECT EXPERIENCE Project Manager for the following WVDOH projects since joining TERRADON in

2003: Four to six lane widening of Corridor L in Summersville

Martinsburg Drainage Study

Improvements of Grade Road in Berkeley County

Replacement of Sedalia Arch Bridge in Doddridge County

Replacement of Sleeths Run Bridge in Lewis County

City of Fairmont - Coke Works Site Traffic Impact and Roadway Improvement Study. Routes include Marion County Route 73 (Speedway Avenue), County Route 72/2 (Suncrest Boulevard) and the following local streets: Morgantown Avenue, Lafayette Street and Dixie Avenue.

Before joining TERRADON, Mr. White worked as a Senior Roadway Engineer for a large international firm. He was responsible for the design of 6.5 miles of four to six lane widening of Interstate 40 near Little Rock, Arkansas. The project is currently under construction with a projected cost of 63 million dollars.

Mr. White routinely designs access roads to large commercial developments to meet WVDOH Design Standards.

AFFILIATIONS

Member, American Council of Engineering Companies



PERSONNEL RESUMES

JOHN W JAMES, PE SENIOR GEOTECHNICAL ENGINEER

Senior engineer for various geotechnical, environmental, and mining projects. Prior to joining TERRADON in 2004, Mr. James was the proprietor of JAMES ENGINEER-ING, a one man consulting engineering company with projects in geotechnical, hydrological, environmental, foundation, structural and general civil engineering, as well as forensic engineering. Mr. James specializes in innovative and cost saving concepts for his projects. Typical projects include numerous foundation investigations, studies and designs for landfills and environmental facilities, surface and ground water studies and remediation, foundation investigations and designs ranging in size from houses to major industrial complexes, roads, highways and bridges, earth and rockfill dams, storm drainage facilities, airport facilities, landslide analysis and correction, and forensic engineering.

REGISTRATION

Professional Engineer: West Virginia

EDUCATION

B. S. Civil Engineering, 1968, West Virginia Institute of Technology 30 Post-Graduate Hours in Civil and Environmental Engineering

AFFILIATIONS

American Society of Civil Engineers
Past President of Charleston Branch and West Virginia Section
National and West Virginia Society of Professional Engineers
Past President (Charleston Chapter)
Young Engineer of the Year Award (Charleston Chapter)

PROJECT EXPERIENCE

Geotechnical investigation and design of numerous water and wastewater treatment plants, including Charleston Wastewater Treatment Plant, North Beckley Wastewater Treatment Plant, Buckhannon Water & Wastewater Treatment Plant, Elkins Water & Wastewater Treatment Plant, Berkley Spring Water Treatment Plant, Morgantown Wastewater Treatment Plant, Elk Pinch Wastewater Treatment Plant, Parkersburg Wastewater Treatment Plant, St. Albans Water Treatment Plant.

Design and upgrade of water supply dams including Upper & Lower Dog Run water supply dams, Salem, West Virginia; Key Dam, Bluefield, West Virginia; Chatham Lake Dam (irrigation supply), Shady Springs, West Virginia. Involvement with geotechnical aspects included interaction with process and structural aspects and structural design of many components.



PROGRAM TEAM STAFFING

WILLIAM G WHITE, PE SENIOR STRUCTURAL ENGINEER

Mr. White has more than eighteen years experience as a structural engineer. He has a strong background in structural analysis and design of bridge structures. Mr. White has experience designing various superstructure and substructure types. Superstructure design experience includes post-tensioned concrete box girders, curved plate girders, plate girders, rolled beams, pre-stressed concrete beams and timber. Substructure design experience includes integral abutments, semiintegral abutments, pile supported footings, spread footings, piers and drilled shafts

His first position was as a Structural Design Engineer for the bridge section of the West Virginia Department of Transportation. While at the West Virginia Department of Transportation, Mr. White also served as a member of the Bridge Design Manual Task Force.

REGISTRATION

Professional Engineer: West Virginia, Virginia, North Carolina,

Ohio, Kentucky, Florida, and Arkansas

EDUCATION

B.S. Civil Engineering, 1987 West Virginia Institute of Technology

Work

2004 - Present

TERRADON Corporation

EXPERIENCE

1998 - 2004

Louis Berger Group

1987 - 1998

WV Division of Highways

PROJECT EXPERIENCE

Stonewood Arch Pedestrian Bridge, S317-58/1-0.19, Harrison County, WV. Mr. White was the structural engineer responsible for the design and details of this pedestrian bridge. He recommended a two span structure with a total bridge length of 127'-0". Each span had a length of 63'-6". The bridge had a total width of 6'-0". AASHTO Standard Specification for Highway Bridges specifics the live load to be 60 psf for design. Performed analysis of the bridge and determined the size of the box beam to be 21". Computed the total load of the bridge and designed the substructure units. Both abutments were supported on a single row of four HP12x53 piles. Designed a straight shaft pier with a width of 6'-0" and a 3'-0" thickness. From analysis of the core boring data, it was determined that bedrock was close to the bottom of the streambed. Analysis was performed on the pier and an 8'x 6'x 3' spread footing founded 1'-0" into rock was designed. Due to the steep slope of the riverbanks, z-sheet piles were placed around the front of the abutments and utilized as the wingwalls. All earth pressures were computed and from that analysis the z-sheet pile walls were designed. Based upon geotechnical analysis the depth the piles were to be driven was determined.



PROGRAMTEAMSTAFFING

TERESA A SCHULLER, LRS Enviromental Manager

Environmental Manager for risk assessment, site assessment, and property transfer/due diligence assessment projects. Management and sales responsibilities for mergers and acquisitions, risk assessments, environmental permitting, and other management consulting services.

Twenty-six years of experience in environmental research, state, and consulting experience. As an analytical chemist, research included organic and inorganic compounds fate and degradation in soil, surface water, sediment, and ground water. Project management of multifaceted domestic and international mergers and acquisition projects. Management of manuals preparation (PPC, SPCC, Spill response, ground water protection plan, etc.). Conducted environmental and OSHA training. Conducted compliance audits at industrial facilities. Managed, prepared, and defended CERCLA and RCRA risk assessments. Managed more than 600 telecommunications tower siting projects in West Virginia, Kentucky, Ohio, and Virginia. More than 14 years of applicable risk assessment work conducting and managing over 100 various types of risk assessments for industry and PRP committees. Negotiations with agencies on No-Action risk assessments, risks during remediation, and cleanup levels. Project manager for various general civil engineering projects and construction management. Responsible for planning, design, permitting, and construction management of water distribution, storage and treatment; wastewater and storm water collection and treatment; fire protection systems; site development; and water impoundments...

REGISTRATION West Virginia Licensed Remediation Specialist #174

PROFESSIONAL FORTY HOUR HAZWOPER
CERTIFICATIONS OSHA HAZWOPER Instructor

EDUCATION
B.S., Chemistry, Eastern Illinois University, 1979
M.S., Chemistry, West Chester University, 1983
Continued education in specialized training and management courses
ISO 9000 Quality Training

WORK 1998 – Present TERRADON Corporation

EXPERIENCE 1986 – 1998 Environmental Resource Management, Inc. 1983 – 1986 E. L. DuPont Company



PROGRAMTEAMSTAFFING

ROBERT THAW, PS SURVEY MANAGER

Mr. Thaw is Manager of Surveying Services for TERRADON. He organizes and supervises survey crews; designs commercial sites for drainage, building site locations, parking and utility easements; reviews project plans; and creates base mapping.

Mr. Thaw has more than 20 years of experience in a wide range of land surveying applications. He is experienced with the day-to-day operation of the business and management of personnel.

REGISTRATION

Professional Surveyor, West Virginia

EDUCATION

B.A., Survey Technology, 1981, West Virginia Institute of Technology B.S., Surveying, 1985, West Virginia Institute of Technology

FIELDS OF COMPETENCE

Control Surveys - Conventional and G.P.S.

Topographic Surveys

- Commercial Sites under ALTA Standards
- Abandoned Mine Lands

Waste Management Facilities

Boundary Surveys

Right of Way Plans (Highways and Utilities)

Site Design (Commercial and Urban Developments)

Gas Well Locations and Permitting

Construction Stakeout

- Commercial Buildings
- Sanitary Sewer
- State and Federal Highways

Geographic Information Systems



REFERENCES

Jim McClelland, CPRP, Director Greater Huntington Parks & Recreation District, Harveytown Park (304) 696-5954

John E Gibson, Braxton County Commission Braxton County Park (304) 765-2833 or (304) 765-5923

Jay Roberts, City Planner Fairmont Riverfront Park (304) 366-6211, Ext. 308

Thomas Flynn, Planner Fairmont Riverfront Park (410) 267-7220

Anne Cavalier, Vice President - Purchasing West Virginia University - Institute of Technology, Extreme Sports Park and Marina Study (Project received an Engineering Excellence Award) (304) 442-3049

David Cramer, PE, Assistant Deputy Commissioner WVDOT-DOH (304) 558-2804

Larry Lawrence, Director Physical Plant Fairmont State College Inter Campus Masterplan & Design (304) 367-4295

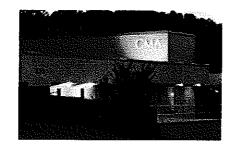


Architects Planners

CMA Engineering, Consultant

CORPORATE PROFILE

Clingenpeel/McBrayer & Associates, Inc.



Services

Clingenpeel/McBrayer & Associates is a West Virginia based small business firm. providing services in the areas of HVAC. plumbing, fire protection and electrical engineering. CMA's founders have long believed in the philosophy that a successful project requires a comprehensive approach. This includes all traditional facets of project planning, starting with master planning, working closely with the client, developing the completed construction documents, bidding the project and contract administration However, our depth of expertise goes far beyond the traditional services. From developing design criteria For owners to designing the mechanical and electrical systems for the West Virginia DEP Consolidated Office Building, the first LEED certified building in the state, CMA is a proven leader in providing engineering services in the design-build delivery method.

History

Since 1986, Clingenpeel/McBrayer & Associates has provided services on numerous projects of varying size and complexity. Clients include architects, industrial companies, governmental agencies, contractors, engineers, developers and private organizations. Project locations include West Virginia, Virginia, Ohio, Kentucky, Maryland, Pennsylvania, California and Connecticut.

Commitment

Clingenpeel/McBrayer & Associates' submittal is based on your needs and our experience. Our firm has the experience, service and quality work to create a successful project. We are committing senior design professionals in order to assure you receive top priority. We have extensive experience with projects of this nature. Examples of projects for which we were the Engineer are listed in this proposal.

From an initial staff of five employees in 1986, the company has grown and now has two offices with a staff of fourteen which includes two professional engineers and two engineers in training. Facilities and equipment have grown to support CMA's staff and client's needs.

In 1987, computer aided drafting stations were added to provide the best quality and engineering services for our clients. We are currently operating AutoCad 2008. Our firm is constantly monitoring the latest technology, the cost effects and the end results to the final project.

Present staffing allows CMA to complete work in a timely manner without limiting our ability to perform our ongoing work. The staff of CMA is large enough to handle any size project, yet small enough for direct input and supervision by key personnel

EXPERIENCE

| Previous Five Years | |
|---------------------|----------------|
| Projects: | 492 |
| Construction Costs | |
| MEP Costs: | \$156,039,689. |
| Total Costs: | \$472,847,542. |



Clingenpeel/McBrayer & Associates, Inc.

824 Cross Lanes Drive Charleston, WV 25313 (304) 343-0316 tel (304) 343-5146 fax 5 Riddle Court Morgantown, WV 26505 (304) 598-2558 tel (304) 598-2472

www.cmawv.com

PROFILE

Timothy Cox, P.E., NCEES President Mechanical Engineer

> (304) 598-2558 tcox@cmawv.com



EDUCATION

University of Colorado Boulder, Colorado

Degree: Mechanical Engineering B.S

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Association of Energy Engineers-CBCP
Registered Professional Engineer in WV, VA, KY
CPD (Certified in Plumbing Engineering)
Member of ASHRAE
American Society of Plumbing Engineers
National Association of Fire Protection Engineers
WV Society of Healthcare Engineers

EXPERIENCE

Mr. Timothy Cox, President and Senior Mechanical Engineer of CMA Engineering brings 24 years of mechanical design experience to our clients. Mr Cox has been project manager and project engineer for a variety of projects

PROJECTS

West Virginia University-

Open End Contract since1999
Mountain Lair Plaza Renovations
Boreman HVAC/Plumbing/Fire Sprinkler
Upgrades
Soccer Stadium
Coliseum Life/Safety Renovations
Coliseum Locker Room Suites

Engineering Science Building Addition/
Renovations

Arnold Hall Fire Alarm/ Fire Sprinkler Upgrades Wrestling Training Facility

West Virginia University Hospitals

WV Eye Institute-MEP systems design for new facility

Cheat Clinic-MEP design for new clinical addition

WVUH Emergency Department-HVAC, electrical, fire and communication systems design for new addition

Chestnut Ridge Hospital-various MEP renovations

Healthworks Rehab and Fitness –MEP systems design for new facility

Mylan Pharmaceuticals, Morgantown, WV

Various projects including HVAC, plumbing, fire Sprinkler and controls for new office building, fluid bed addition, north plant expansion, parking garage and weighing and packaging.



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www cmawv com

PROFILE

Daniel Lee Ellars, P.E. LEED AP

Principal (304) 343-0316 dellars@cmawv.com



EDUCATION

West Virginia University Institute of Technology Montgomery, West Virginia Bachelors of Science in Electrical Engineering

West Virginia State University Institute, West Virginia Bachelors of Science in Business Administration

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Registered Professional Engineer in West Virginia National Fire Protection Association (NFPA) Institute of Electrical and Electronics Engineers (IEEE)

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

EXPERIENCE

Mr Daniel L. Ellars, Electrical Engineer for Clingenpeel/McBrayer & Associates, Inc. brings 19 years of electrical design experience to our clients Mr Ellars has been a project manager and project engineer for a variety of projects including commercial and industrial facilities as well as for both power and tele-communications utilities

PROJECTS

Educational Experience

Jackson County (WV) Schools—Electrical Upgrades & Expansions.

Hospital Experience

West Virginia University / Ruby Memorial Hospitals West Virginia Eye Institute—Electrical systems design for new facility.
Thomas Memorial Hospital—Electrical systems survey, upgrades and documentation. Standby

emergency power engine/generator replacement

Military Experience

West Virginia Army National Guard
Eleanor (WV) Maintenance Center—Electrical
systems design for new facility

Correctional Experience

St. Mary's Correctional Center—Multiple emergency power engine/generator systems with combined control and monitoring

Industrial Experience

Mylan Pharmaceuticals

Mylan Office & Lab Buildings—various electrical systems designs for new, existing and expanded facilities including new 23kV/12kV switchyard and grounding plain layout.



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www.cmawv com

PROFESSIONAL STAFF

James A. Kerns, Mechanical/Electrical Design B.S. in Building Construction

Mr Kerns has over 32 years experience in mechanical and engineering design. Projects include WV State Capitol House and Senate Offices HVAC Renovations, classroom additions at George Washington High School. Elkview Middle School, Ruffner Elementary School and Point Harmony Elementary School, and upgrade of the fire alarm systems at Concord University's dormitories Mr. Kerns has, also, been Project Manager and lead designer on over 65 United States Postal Service projects.

Mathew C. Corathers, E.I., Mechanical Design B.S. in Mechanical Engineering

Mr. Corathers is a recent addition to CMA having previously worked for Whitman, Requardt and Associates in Baltimore, MD. Current projects for which he is lead mechanical designer include the new Child Care Facility at West Virginia University, the two-story addition to the Randolph County 911 and the new Bridgeport Police/Fire Station.

Jeremy R. Perry, E.I., Mechanical Design B.S. in Mechanical Engineering

Mr. Perry was previously employed by MKK Consulting Engineers in Billings, MT and brings eleven years of mechanical design experience to CMA. His current projects include the new Readiness Center in Elkins, WV and the new Sundale Hospice Facility.

Samuel Aaron Ward, Electrical Design B.S. in Electrical Engineering

Mr. Ward is a 2008 graduate of West Virginia University Institute of Technology and is a United States Army veteran. Mr. Ward's current projects include the new Bridgeport Police/Fire Station, Mingo County Racetrack WTP, and the new Wetzel County 911 Facility.

Jerry F. Betarie, Electrical Design B. S. In Electrical Engineering

Mr. Betarie has 18 years of electrical design experience. Projects include University High School electrical renovations, Monongalia County Family Court Renovations and the new Child Care Facility at West Virginia University.

Larry A. Weese, Plumbing Design M.S. Division of Forestry

Mr. Weese has 18 years of mechanical and plumbing design experience and has been chief plumbing designer for the new 911 Facilities in Raleigh , Mason , Randolph and Putnam Counties, as well as, the new Medical Office Building in Clarksburg and the new Elementary School in Fairdale, WV.

Donna D. Hintz-Fire Alarm/Security Design A.A.S. Computer-Aided Drafting and Design

Ms. Hintz has nine years experience and is responsible for fire alarm, CCTV, building security systems, telecommunications, public address systems and nurse monitoring systems design. Her projects include the Mardi Gras addition to the Tri-State Gaming Center, St Mary's Correctional Center and the Wellness Addition to Brooke County High School.

ENGINEERING

Project Profiles

Parks & Recreational Facilities

Chief Logan State Park

CMA provided mechanical, electrical and plumbing design services for the addition of the new 20,000sf Conference Center. CMA also provided MEP design services for the new 50,000sf Lodge.



Snowshoe Mountain Resort

CMA Engineering provided design for HVAC, electrical, plumbing, fire alarm and fire sprinkler systems for new Allegheny Springs Lodge. CMA also provided engineering services for the fit-out of such restaurants as the Foxfire Grille, Junction Restaurant and Village Bistro located at the Village in Snowshoe.



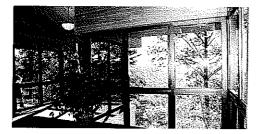
Canaan Valley Resort

CMA Engineering provided mechanical, electrical, plumbing and fire alarm design services for the renovations to the ski base lodge and rental cabins.



New River Gorge

CMA Engineering provided mechanical, electrical and plumbing design services for the new Visitors Center at the New River Gorge.



North Bend State Park

CMA Engineering provided mechanical, electrical and plumbing design services for renovations to the Lodge

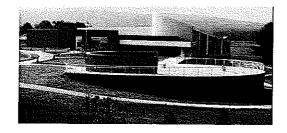




Project Profiles

Parks and Recreational Facilities

NRAO Greenbank Observatory Visitor's Center CMA provided mechanical, electrical, plumbing, fire protection and communication systems design for new visitor's science center.



Tamarack Caperton Center

CMA provided mechanical, electrical, plumbing, fire protection and communication systems design for the 22,450sf addition to the Caperton Center. CMA Engineering also provided engineering services for the original construction of the Tamarack facility.



Fairmont State College Student Union

CMA provided mechanical, electrical, plumbing, fire protection and communication systems for new 115,000sf student center. Facility includes ymnasium, indoor track, training & aerobics area, indoor pool, kitchen, lounge, information center, pro-shop, multi-purpose & meeting room space and administration area



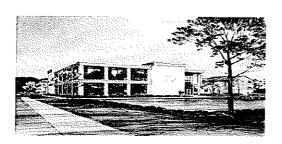
Jackson's Mill

CMA Engineering providing mechanical, electrical and plumbing design services for renovations to the Assembly Hall, Northern Panhandle Cottage, Lewis Cottage, Dining Hall and the Air Strip Buildings.



St. Albans Community Center

CMA Engineering provided design for HVAC, plumbing, fire sprinkler, fire alarm systems, communication systems, lighting and electrical power for new 26,900sf community center which included gymnasium, wrestling room, fitness room, locker rooms and an open area for aerobics, dance and gymnastics.





Project Profiles

Renovations/Upgrades

Design of mechanical, electrical, plumbing and fire protection systems.

Boreman Hall-West Virginia University

CMA provided mechanical, electrical and plumbing engineering services for the upgrade of the fire sprinkler, fire alarm and HVAC systems. CMA had previously provided design services for the upgrade to the plumbing system.



Chestnut Ridge Hospital-Morgantown, WV

CMA Engineering provided mechanical and electrical design services for the HVAC equipment upgrades for the first and second floors.



Ruby Memorial Hospital, Morgantown, WV

CMA Engineering provided mechanical, electrical, plumbing, communications and fire alarm and fire sprinkler design for new addition to emergency room



Independence High School, Raleigh County

CMA provided mechanical, electrical, plumbing, fire alarm, data and telephone design services for the addition of six new classrooms, art studio and toilets. CMA recently completed design for the renovation to the HVAC system



Legal Numbers, LLC

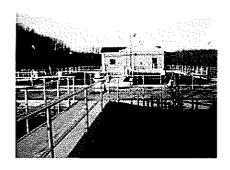
CMA provided mechanical and electrical design services for upgrades to the HVAC and electrical systems of the 32,000sf IBM building in Charleston, WV





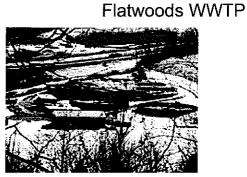
Water Treatment Plants and Waste Water Treatment Plants Experience (Partial Listing)





Hinton WTP-Raw Water Intake Chapmanville WWTP Fayetteville WWTP Oceana WWTP Ellenboro-Lamberston PSD WWTP City of Beckley WWTP Piney Creek WWTP Mason WWTP Tygart Lake Park-WWTP Holly River WTP St. Albans WWTP Clay County WTP Weston WWTP Shinnston WWTP Winfield WTP Ripley WWTP Mingo County WWTP **Keystone WTP** Winfield WWTP

Buffalo WTP Crab Orchard WWTP Phillipi WWTP Boone-Raleigh WTP Phillipi WWTP Garage Weirton WWTP Montgomery WWTP Fairmont WTP **Belmont WWTP** Bradley WWTP **Belington WWTP Belington WTP** Sissonville PSD WWTP Preston PSD WTP Chapmanville WTP Walton WTP Elkins WWTP Williamson WWTP Glenville WTP Williamstown WWTP







What is the recipe for successful achievement? To my mind there are just four essential ingredients: Choose a career you love, give it the best there is in you, seize your opportunities, and be a member of the team.

Benjamin F. Fairless

J. DAN SNEAD AND ASSOCIATES, INC.

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Raymond E. Fink

Email: rfink5@verizon.net

Donald Norman. II

Email: dhnorman1@verizon.net

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