



Blackwood Associates, Inc. – Architects & Planners
MSES Consultants, Inc. – Engineers & Environmental

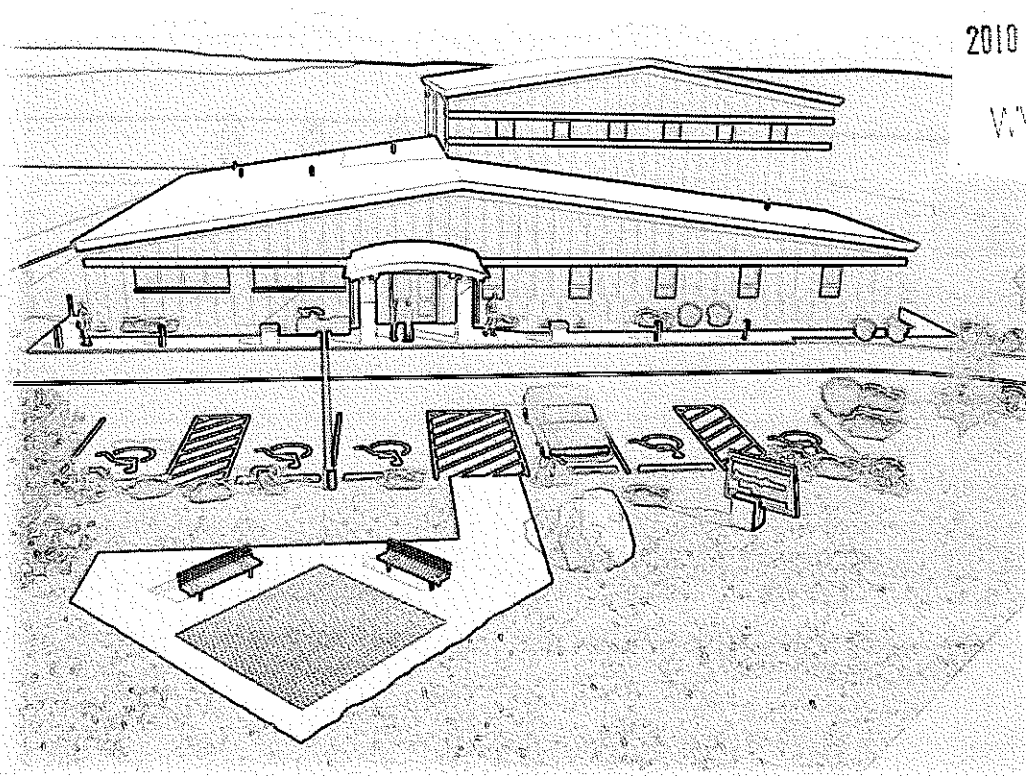
Expression of Interest

RFQ: COR61447

RECEIVED

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WV PURCHASING
DIVISION



Architectural/Engineering Services For **Division of Corrections**

Work Release/Training Centers
West Virginia



Blackwood Associates, Inc. – Architects & Planners
MSES Consultants, Inc. – Engineers & Environmental

January 25, 2010

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

Re: Architectural/Engineering Services for RFQ: COR61447
Division of Corrections Work Release/Training Centers

Dear Mr. Abbott,

Blackwood Associates, Inc. (BAI) and **MSES Consultants, Inc. (MSES)** are pleased to submit this expression of interest in providing professional services for the renovation of Work Release/Training Centers located in Charleston and Beckley, and new construction of centers to be located in Fairmont and Parkersburg, West Virginia.

Blackwood Associates, Inc. is an Architectural and Planning firm located in Fairmont, WV and would provide all project planning and design. **MSES Consultants, Inc.**, is an Engineering firm located in Clarksburg and Huntington, West Virginia, providing all engineering disciplines. The two firms have merged operations to become the largest full service architectural/engineering provider in West Virginia.

The **BAI/MSES** firm offers a combined professional staff of over 80 people, with registered architects, engineers, LEED accredited professionals, scientists, technicians and support personnel. **BAI/MSES** is a single source that can provide the professional disciplines required for projects of this nature. Professional services will be managed and performed by full-time, in-house personnel out of the Fairmont, Clarksburg and Huntington offices.

The **BAI/MSES** firm practice is based upon the philosophy of comprehensive service, providing our clients with a single point of responsibility. We believe that the building sciences of architecture and engineering cannot be separated. By bringing architecture, interior design, engineering, environmental, and management services together in a single firm, we ensure efficient and effective service. Another advantage to an Owner is **BAI/MSES's** extensive experience in site selection and evaluation of existing buildings, especially where environmental issues may be a potential concern.



Blackwood Associates, Inc. – Architects & Planners
MSES Consultants, Inc. – Engineers & Environmental

BAI/MSES is your provider of the total array of professional services including LEED, environmental and hygienist services where needed. Another advantage to our firm, **BAI/MSES** develops websites for every project as a part of basic services. Websites are used during various phases of project development, making Owner document review much more efficient. This technology has also been proven to increase the interest of contractors and suppliers during bidding. During construction we add site progress photographs and panoramas for Owner access and review from their offices.

BAI and **MSES** are West Virginia firms with a combined 81 years of providing architecture and engineering to agencies throughout West Virginia. Our 18 years of successful practice as a team is the direct result of our ability to provide all professional disciplines necessary for any governmental project.

We can assure a work force of sufficient size to provide immediate and comprehensive involvement on this project. We look forward to having the opportunity to present our qualifications and approach on a personal basis. Thank you for your consideration.

Sincerely,

BLACKWOOD ASSOCIATES, INC.
 ARCHITECTS AND PLANNERS

JAMES K. BLACKWOOD, AIA
 PRINCIPAL

MSES CONSULTANTS, INC.
 ENGINEERS AND ENVIRONMENTAL

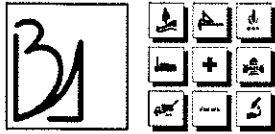
JEFFREY T. WISE,
 MANAGING DIRECTOR

Blackwood Associates, Inc.
 Architects and Planners
 611 East Park Avenue
 Fairmont, WV 26554
 304-366-1580 304-366-1537 fax
jim@wvarchitects.com
<http://www.wvarchitects.com>

MSES Consultants, Inc.
 Engineers and Environmental
 609 West Main Street
 Clarksburg, WV 26302
 304-624-9700 304-622-0981 fax
wise@msesinc.com
<http://www.msesinc.com>



About the Firm



About the Firm

The **Blackwood Associates, Inc. (BAI)** and **MSES Consultants, Inc. (MSES)** mission is to provide full professional service necessary to assure successful completion of a project. Our practice is based upon the philosophy of comprehensive service, providing our clients with a single point of responsibility. By bringing architecture, interior design and engineering together into a single firm, we ensure efficient and effective service.

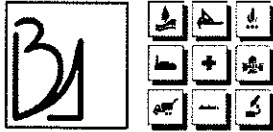
The firm maintains a staff of highly trained and experienced personnel, including all of the technical disciplines necessary for the Work Release/Training Center projects. Our personnel demonstrate the education and experience required for these projects. We can accommodate any timetable for programming through completion of construction documents and our combined force of specialized professionals would allow **BAI/MSES** to begin a full range of services immediately for these projects. **BAI/MSES** have extensive experience in the design of housing facilities of every type from single person to open dormitory.



Jones Building Renovations
Industrial, WV

Blackwood Associates, Inc.

Blackwood Associates, Inc. was originally established as a West Virginia Corporation in 1959. The firm was incorporated as L.D. Schmidt & Son, Architects and Engineers, under the direction of the late Louis D. Schmidt. In 1967, James Blackwood joined the firm as an intern architect and project designer. In 1972, James Blackwood became vice-president of L.D. Schmidt & Son and then assumed the presidency of the Corporation in 1975. In 1981, the Corporate name was changed to Blackwood Associates, Inc. Architects and Planners, to reflect the practice ownership.



About the Firm

Since that time, the firm has maintained leadership in the design of state-of-the-art governmental, educational, medical, residential, recreational, commercial and historical adaptive reuse facilities. **BAI** has successfully completed over 600 projects with a construction value in excess of \$550 million in the last 20 years.

BAI/MSES is familiar with all aspects of new construction, renovation, build-out design, life safety codes, BOCA codes, and Federal and State codes and ordinances applicable to the proposed projects. In addition, we maintain LEED accredited professionals in multiple disciplines to meet quality and performance standards. The benefits of this experience and diligence are perhaps most effectively demonstrated by our large number of long term clients and continued successful practice in West Virginia.

BAI/MSES maintains an in-house staff of professionals whose expertise covers all aspects of architecture, planning and engineering practice. We recognize the importance of computers for complete and efficient project organization, communication and document management. All word processing, design, drafting, building analysis, virtual reality, and websites are developed by the firm using cutting edge technology. This same technology allows **BAI/MSES** to provide an Owner with project work product in a usable format at project completion.

We strongly adhere to the American Institute of Architects Code of Professional Conduct. We serve our clients competently and in a professional manner, and exercise unprejudicial and unbiased judgment on their behalf.

BAI/MSES have *never* had a project go uncompleted as a result of inadequate staffing, inability to meet Owner requirements or failure to meet established time frames. This commitment of professionalism applies to every project and client.

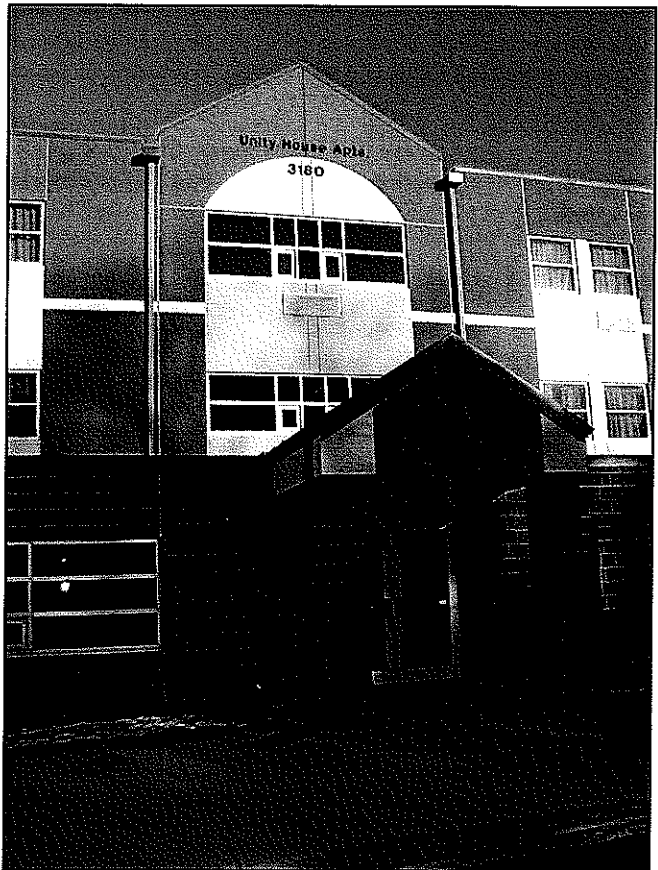




About the Firm

MSES Consultants, Inc. is a multi-disciplinary engineering, architectural support, environmental, planning, and project management firm, headquartered in Clarksburg, West Virginia. We have amassed 33 years of successful project experience, serving private and public clients since our initial founding as a small, 3-person environmental consulting firm in 1976. **MSES** expanded rapidly to become a provider of total engineering and environmental services by the year 1978, and we have seen our ranks swell, with a current professional staff of 70, including 12 registered engineers, 2 Certified Industrial Hygienists, 4 asbestos inspectors, 4 asbestos air clearance monitors, 1 lead based paint risk assessor, 6 professional land surveyors, and a diverse roster of professionals, scientists, and support personnel.

MSES personnel have completed more than 10,000 assignments to date. We have been heavily focused on building construction, renovations, and project management since our founding in 1976. Many of our projects have involved site selection studies, designs (HVAC, plumbing, electrical, civil, structural, mechanical, lighting, fire systems, security, and telecommunications), inspections, geotechnical investigations, assessments and reviews, environmental sampling and analysis, property evaluations and appraisals, and project management services throughout West Virginia and surrounding states. **MSES** also has the ability to address environmental issues that may occur during construction.





Professional Disciplines

- **Architectural**
- **Civil Engineering**
- **Structural Engineering**
- **Electrical Engineering**
- **Mechanical Engineering**
- **Chemical Engineering**
- **Urban/Regional Planning**
- **Mining Engineering**
- **Landscape Architecture**
- **Geologists**
- **Sanitary Engineering**
- **Soils Engineering**
- **Surveyors**
- **Transportation Engineering**
- **NACE Corrosion Engineering**
- **Environmental Science Engineering**
- **Hydrologists**
- **Ecologists**
- **Economists**
- **Construction Inspectors**
- **CAD Technicians**
- **Certified Safety Professionals**
- **Virtual Reality**
- **Webmasters**
- **LEED Professionals**



BAI is a member of the United States Green Building Council

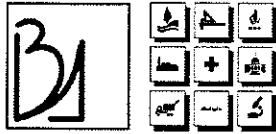


Professional Educations

BAI/MSES employ a professional staff of full-time professionals with experience in numerous disciplines.

Category	Number of Employees	Education		
		Associate Degrees	Bachelor Degrees	Advanced Degrees
Administrative	6	2	3	--
Architect	2	--	2	--
Architect-In-Training	2	--	2	--
Chemical Engineer	1	--	1	1
Chemist	1	--	1	--
Civil Engineer	3	--	3	--
Resident Construction Engineer	2	1	1	--
CAD/Design Draftsman	2	--	2	--
CAD/Drafter	5	3	1	--
Environmental Geographer (GIS)	1	--	1	--
Ecologist	1	--	1	1
Meteorologist	1	--	1	--
Electrical Engineer	3	--	3	--
Geologist	1	--	1	--
Hydrologist	1	--	1	1
Landscape Architect	1	--	1	--
Environmental Engineer	2	--	2	1
Mechanical Engineer	2	--	2	--
Mining Engineer	2	--	2	1
Industrial Engineer	1	--	1	--
Sanitary Engineer	2	--	2	--
Soil Engineer	2	--	2	--
Transportation Engineer	1	--	1	--
Certified Industrial Hygienist	2	--	2	--
Certified Safety Professionals	2	--	2	--
Safety Engineer	1	--	1	1
Land and Right-Of-Way Agents	3	--	3	--
Paralegal	2	--	2	--
Surveyors	6	4	2	--
Economist	1	--	1	1
Biologist	2	--	2	2
Botanist	1	--	1	1
Engineering Technicians	4	3	1	--
Survey Support	11	4	--	--
Certified Web Designer	1	--	1	--

BAI/MSES professionals are supported by the latest computers and computer software, electronic and satellite survey, computer-aided drafting and design, in field data collectors, and our in-house graphic, web development and reproduction center.



References

William R. Sharpe, Jr. Hospital
Planning of Multiple Projects
Contact: **Mr. Kevin Stalnaker**, CEO
1-304- 269-1210 ext. 280 or kevin.p.stalnaker@wv.gov

Marion County Board of Education
Planning of Multiple Projects
Contact: **Mr. Tom Deadrick**, Superintendent
1-304-367-2107 or tdeadric@access.k12.wv.us

WV Division of Veterans Affairs
West Virginia State Veterans Cemetery, Institute, WV
Contact: **Mr. Keith Gwinn**, Director
1321 Plaza East – Suite 109 - Charleston, WV
1-304-558-3661 or wvvetaff@aol.com

State of West Virginia
Division of Veterans Affairs
West Virginia Veterans Nursing Facility, Clarksburg, WV (VA)
Contact: **Mr. Kevin Crickard**, Director
1-304-626-1600 or kevin.b.crickard@wv.gov

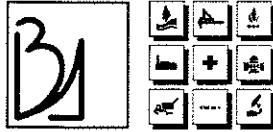
Harrison County Parks and Recreation
Harrison County 4-H Facility
Contact: **Mr. Mike Book**, Director
1-304-624-8619 or slcoll@access.k12.wv.us

Mineral County Board of Education
Planning of Multiple Projects
Contact: **Mr. Skip Hackworth**, Superintendent
1-304-788-4200 or thackwor@access.k12.wv.us

Human Resource Development Foundation, Inc.
Planning of Multiple Projects including major renovations
Contact: **Mr. Kenny Purdue**, President - West Virginia AFL-CIO
1-304-344-3557 or kperdue@wvaficio.org



Key Personnel



Key Personnel

All of the following key professional staff members will be assigned to work on the project. Their specific percentage of time devoted to the contract will vary according to specific project needs.

ARCHITECTURAL:



Administrative • Architectural Design

- James K. Blackwood, AIA, NCARB – Project Principal
- Pamela J. Wean, AIA – Project Architect

Architectural Team • Code Compliance • LEED

- Kenton Q. Blackwood, LEEDAP, Assoc. AIA – Const. Administration
- Stacey L. Bower, Assoc. AIA - Designer

ENGINEERING:



Administrative

- Lawrence M. Rine – Principal and Quality Assurance
- Jeffrey T. Wise – Managing Director

Environmental

- John J. Keeling, PE, WV, CIH, CSP, QEP

Civil • Site Engineering

- Rod D. Kidd, BSCE

Mechanical Engineering • HVAC

- David L. Skeen, PE, LEEDAP

Electrical Engineering

- Jeffrey K. Pauley, PE, PS



James K. Blackwood, AIA, NCARB

Principal-in-Charge – Architectural Design – Team Leader

Years of Experience with BAI: 40

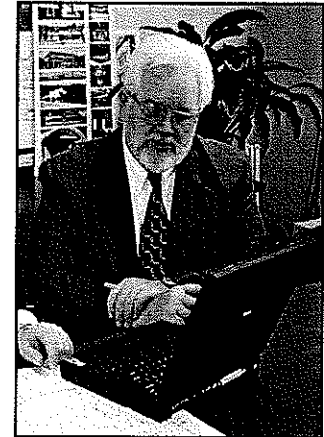
Years of Experience with Other Firms: 5

Education:

Marietta College

Colorado College

Bachelor of Science in Architecture, University of Cincinnati



Registration:

Registered Architect

West Virginia – Pennsylvania – Maryland – Virginia – Florida – Ohio

Qualifications Certified by NCARB (National Council of Architectural Registration Boards)

Professional Organizations:

American Institute of Architects & the West Virginia Society of Architects

Experience:

As President of Blackwood Associates, Inc., James Blackwood has been architect-of-record on more than six hundred projects. These projects have been located in 41 counties in West Virginia, Pennsylvania, Maryland, Ohio and Virginia and have totaled over \$500 million in current dollar construction value. Individual project budgets have varied from a low of \$30,000.00 to a high of \$30 million.

James Blackwood has directed the BAI staff in the planning and design of facilities throughout West Virginia, including several medical and educational facilities, Governmental, Municipal, High Schools, Middle Schools, Vocational Facilities, Recreational Facilities, Athletic Facilities, Elementary Schools, Colleges/Universities, Hospitals, Churches, Historical, Commercial and Apartment facilities. Mr. Blackwood has also successfully completed continuing education courses at Harvard University's Graduate School of Design in planning design and renovations.

Mr. Blackwood leads the programming and planning efforts for the firm on all projects. His responsibilities include meeting with design committees, administrators and Owner representatives. The information gained from this input is used to guide the BAI design team in development of the most cost effective and imaginative facilities. **BAI design efforts in the past have been recognized for both DESIGN EXCELLENCE and CRAFTSMANSHIP by the West Virginia Society of Architects.** Mr. Blackwood was awarded a special **Citation** by WV AIA for Exceptional Civic Commitment on a Veterans project.



Pamela J. Wean, AIA
Project Architect

Years of Experience with BAI: 10
Years of Experience with Other Firms: 13

Education:

Bachelor of Science - Architectural Technology, Fairmont State College
Assoc. of Applied Science - Interior Design, Fairmont State College

Registration:

Registered Architect
West Virginia - Ohio

Professional Organizations:

American Institute of Architects
West Virginia Society of Architects
National Trust for Historic Preservation

Employment History:

Plans Examiner and Code Official, City of Kettering, OH
Associate/Project Architect, Levin Porter Associates Inc., Dayton, OH

Experience Summary:

Pamela Wean joined Blackwood Associates, Inc. as an architect. Her duties include project management, development of construction documents, advanced architectural design, and technical illustrations. In addition to being a former Code Official in Ohio, she acted as designer and/or project architect on the following projects:

- Pinecrest Hospital – 5 Bed TB Unit
- Mildred Mitchell-Bateman Hospital – 35 Bed Patient Unit
- WV 120 Bed Veterans Nursing Facility
- William R. Sharpe Jr. Hospital - Transitional Facility
- PACETEC Training and Evaluation Center
- Augusta & Romney Elementary School Additions
- Tucker County High School Additions
- Tygarts Valley High School Additions
- Addition and Renovation to Anna Jarvis Elementary School
- Montgomery County Senior Citizens Center
- Washington Township Senior Citizens Center
- Miami University - Ogden Hall & Dining Rooms
- Urbana University - Science Building
- Miamisburg City Schools - Misc. Additions and Renovations
- Wright State University Engineering/Computer Science Facility
- Dayton International Airport Additions and Renovations
- Montgomery County Public Libraries



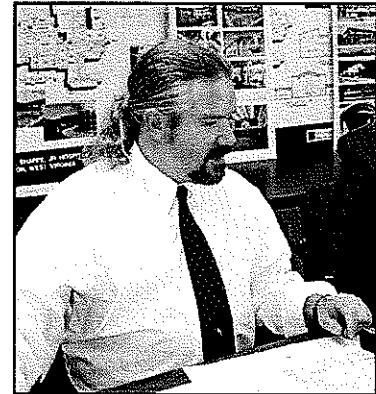


Kenton Q. Blackwood, LEEDAP, Associate AIA
Vice President

Years of Experience with BAI: 26

Education:
West Virginia University

Professional Organizations:
LEED Accredited Professional
Associate Member of American Institute of Architects



Experience:

Kenton Blackwood has been with Blackwood Associates, Inc. for more than 20 years. He directs the BAI staff in the planning and design of facilities throughout West Virginia. He is experienced in site evaluation and design, building program evaluation, planning and design, construction document development and on-site construction observation.

In addition, he has taken BAI to the forefront of technological architectural media with his knowledge of vector-based 3D computer modeling and CAD applications. His proficiency with "virtual reality" modeling allows BAI to use these technologies as a design tool. Where other firms may provide elevations or a traditional architectural rendering to convey an idea, BAI can take a client around and through a design, studying different forms, lighting, color schemes and finishes, and make any revisions before the first shovel of soil is overturned.

Kenton Blackwood's skills as a designer and modeler have benefited many clients. Developers, administrators, school boards, design committees, and non-profit groups have used his skills to help obtain funding and approval for proposed projects all across West Virginia.

In addition to his talent as a 3D designer, Kenton Blackwood has provided important design input on and/or served as job captain on dozens of projects. Some of these projects include:

- Hopemont Hospital – Exterior Upgrades
- William R. Sharpe, Jr. Hospital, Weston, WV – Courtyard Enclosure
- VA Medical Center, Clarksburg, WV - Women's Clinic
- Veterans Square Plaza and Parking Garage, Fairmont, WV – **AIA Award Winner**
- Hutchinson House Historic Restoration, Fairmont, WV – **AIA Craftsmanship Award Winner**
- Addition to the Mountainlair Student Union, WVU
- Admissions/Evaluation Unit, Fairmont General Hospital, Fairmont, WV
- Blackshere Elementary School, Mannington, WV
- Romney Unity Apartments, Romney, WV
- Hampshire County Health Department, Romney, WV
- Fayette Hills Unity Apartments, Oak Hill, WV



Stacey L. Bower, Assoc. AIA
Designer



Years of Experience with BAI: 1

Education:

Master of Architecture
University of Illinois at Chicago, IL

Study Abroad via UIC Institute d'Architectura
Advancada de Catalunya, Barcelona, Spain

Bachelor of Science in Architecture
Fairmont State University, Fairmont, WV
Summa Cum Laude with Honors

Professional Organizations:

Associate Member of American Institute of Architects

Employment History:

A3 Student Liaison, Graduate Assistant
UIC School of Architecture, Chicago, IL
- organized Portfolio Day
- organized A3 co-sponsored Career Fair
- support A3 and other School of Architecture events
- assist with graduate admissions, and Wednesday episodes

Architectural and Design Intern

Vandalia Heritage Foundation, Fairmont, WV
- designed housing and commercial spaces for redevelopment projects
- designed railroad cafe, hosted meetings with potential contractors
- designed logo and marketing materials for history museum
- created drawings for preservation projects
- apartment building preservation summer project
- streetscape redesign proposal

Experience Summary:

Stacey Bower joined Blackwood Associates, Inc. as a designer and intern architect. Her duties include project design development, project field reviews and project LEED assessment. She has been involved in the following projects:

- William R. Sharpe Jr. Hospital – 50 Bed Patient Care Unit, Weston, WV
- Fairmont Senior High School Renovations, Fairmont, WV
- Clarksburg Harrison Public Library Renovations, Clarksburg, WV



Jeffrey T. Wise

Managing Director

Years of Experience with MSES: 10

Years of Experience with Other Firms: 15

Education

B. S. Mining Engineering, West Virginia University,



Professional Registrations/Certifications

West Virginia Real Estate License

Past Work History

Hope Gas, Inc.

CNG Transmission Corporation

U. S. Steel Corporation

Experience Summary

- Regulatory Interaction
- Sampling/Laboratory Programs
- Life Safety Codes
- Specification Development
- Property Evaluation
- Mapping
- Economic Feasibility
- Site Development
- Site Utilities
- Erosion and Sediment Planning
- Code Compliance
- Market Analysis
- Risk Assessment/Analysis
- Project Management (Partial List of Projects)
- Phase 1 & II Investigation
- Data Base Systems
- Health & Safety Programs
- Job Costing
- Site Surveys
- QA/QC Inspection & Compliance
- Land Planning
- Brownfields Specialist
- Water/Wastewater Systems
- Stormwater
- Appraisals
- Commercial/Retail Development

Upper Kanawha Valley Development Authority - Office Complex, Montgomery, WV

Wheeling Jesuit University Science/Computer Teaching Center, Wheeling, WV

WVU Life Sciences Building, Morgantown, WV

WVU President's House, Morgantown, WV

Stonewall Jackson Lake State Park Lodge and Conference Center, Roanoke, WV

Veterans Square Parking Garage, Fairmont, WV

Fairmont State College Athletic Complex Lighting, Fairmont, WV

Erickson All Sports Athletic Complex, Parkersburg, WV

Hazelton Prison, FBOP, Hazelton, WV (Civil Planning)

VA Medical Center, Clinical Space, Clarksburg, WV

CDC/NIOSH North Parking, Morgantown, WV

Ripley High School, Ripley, WV

Robert L. Bland Middle School, Weston, WV

Marion County Schools, 4 School Additions, Fairmont, WV

Lewis County Schools, Countywide School Improvement Bond, Weston, WV

120 Bed VA Nursing Home, Clarksburg, WV

DHHR - State Office Complex, Clarksburg, WV

City of Ripley - Municipal Building, Ripley, WV

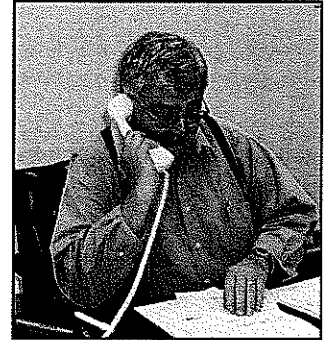


Lawrence M. Rine

Principal and Quality Assurance/Quality Control Manager

Years of Experience with MSES: 30

Years of Experience with Other Firms: 14



Education

B. S. Mechanical Engineering, West Virginia Institute of Technology

B. S. Mining Engineering, West Virginia Institute of Technology

Masters Study, Environmental Engineering, Cornell University

Professional Registrations/Certifications

Certified Monitoring Well Designer and Installer - WVDEP

Licensed West Virginia Underground Storage Tank Closure/Installation Specialist

Class I Certified Public Water Supply Operator, West Virginia

Class II Certified Wastewater Treatment Plant Operator, West Virginia

Certified Commercial Applicator, West Virginia and Pennsylvania

Radiation Safety Officer - NRC

Certified Asbestos Inspector/Manager/Planner/Clearance Air Monitor - WVBOH

Licensed Remediation Specialist - WVDEP

Certified Mineral Appraiser - U. S. Army Corps of Engineers

Member State School Building Authority - Indoor Air Quality Committee

Professional Organizations

West Virginia Independent Oil and Gas Association (Environmental Committee Member)

Virginia Independent Oil and Gas Association (Association's Outstanding Member, 1990)

Pennsylvania Independent Oil and Gas Association

National Society of Professional Engineers

West Virginia Society of Professional Engineers, T. Moore Jackson Chapter

West Virginia Surface Mine and Reclamation Association

Past Work History

CNG Transmission Corporation

Experience Summary

Job Costing	Waste Management/Minimization
Management	Hazardous Waste Management
Groundwater Modeling/Monitoring	Asbestos Assessment
Earth Sciences	Lead Base Paint Assessment
Risk Assessment/Analysis	NORM Assessment
Regulatory Interaction	Brownfields Specialist
Economic Feasibility	Mapping
Phase I/II Investigation	Noise Assessment
Remediation (Design and Permitting)	SARA Title III
RCRA Waste Units	Specification Development
Drilling Programs	Environmental Impact Statements
Bioremediation	Data Processing
Sampling/Laboratory Programs	Public Mtg. & Proj. Explanation
Property Evaluations	QA/QC Inspection & Compliance
NPDES Permitting	Architectural Support
Municipal Engineering	Radon
Code Compliance	Water/Wastewater Systems
E-911 Systems	GIS Systems/Data Management

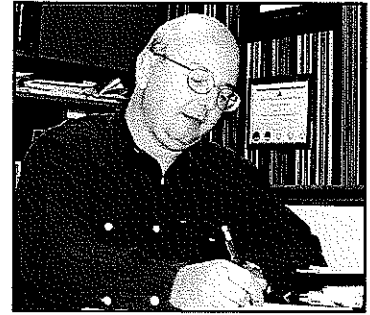


John J. Keeling, P.E., C.I.H., C.S.P., Q.E.P., L.R.S.
Principal and Project Manager

Years of Experience with MSES: 18
Years of Experience with Other Firms: 15

Education

B. S. Civil Engineering, University of Kentucky



Professional Registrations/Certifications

Registered Professional Engineer - West Virginia and Kentucky
Certified Industrial Hygienist, American Board of Industrial Hygiene
Certified Safety Professional, Board of Certified Safety Professionals
Qualified Environmental Professional, Institute of Professional Environmental Practice
Licensed Remediation Specialist, West Virginia, New York, and Ohio BOH
Certified Visible Emissions Observer - USEPA
Licensed Asbestos Inspector/Manag. Planner/Clearance Air Monitor - WVBOH & Ohio
Underground Storage Tank Closure Specialist/Installer - WVDEP
Certified Monitoring Well Designer and Installer - WVDEP

Professional Organizations

American Society of Safety Engineers
American Industrial Hygiene Association
Air and Waste Management Association
Harrison County SARA Title III Local Emergency Planning Committee - Chairman
West Virginia Chapter of Air and Waste Management Association - Vice Chairperson

Past Work History

Union Carbide Corporation
Kentucky Department of Transportation

Experience Summary

- Job Costing
- Management
- Earth Sciences
- Risk Assessment/Analysis
- Regulatory Interaction
- Economic Feasibility
- Phase I/II Investigation
- Remediation (Design and Permitting)
- RCRA Waste Units
- Drilling Programs
- Bioremediation
- Geographic and Hydrologic Studies
- Sampling/Laboratory Programs
- Air Permitting
- Indoor Air Quality
- Code Compliance
- E-911 Systems
- Air Emission Regulatory Compliance
- NPDES Permitting
- Waste Management/Minimization
- Hazardous Waste Management
- Air Emission Modeling
- Asbestos Assessment
- Lead Base Paint Assessment
- NORM Assessment
- Brownfields Specialist
- Health & Safety
- Noise Assessment
- Hydrologic and Hydraulic Analysis
- SARA Title III
- Specification Development
- Earth Sciences
- Environmental/Architectural Support
- GIS Systems



Jeffrey K. Pauley, P.E., P.S.
Project Manager/Engineer

Years of Experience with MSES: 12
Years of Experience with Other Firms: 7

Education

B. S., Electrical Engineering, Tennessee Tech University

Professional Registrations/Certifications

Registered Professional Engineer - West Virginia, Ohio, N.Y., Penn.
Maryland, Virginia, North Carolina, and District of Columbia
Professional Surveyor - West Virginia
Licensed State of West Virginia Master Electrician

Professional Organizations

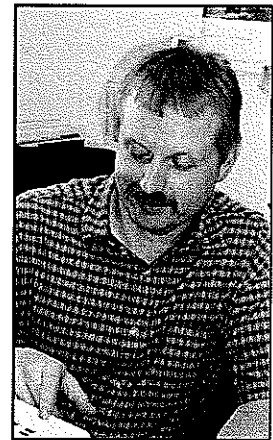
National Society of Professional Engineers
Member Harrison County BOCA Appeals Board

Past Work History

Allegheny Power Company

Experience Summary

- Project Management
- Data Base Systems
- Life Safety Codes
- Job Costing
- Economic Feasibility
- Power Systems
- Telecommunications/Computer Systems
- Power Distribution
- Code Compliance
- Site Surveys
- Site Development
- Regulatory Interaction
- Computer Modeling
- Specification Development
- QA/QC Inspection & Compliance
- Lighting
- Fire Alarm Systems
- Emergency Generator
- National Electric Code Compliance
- Architectural Support/Electrical
- Mapping
- Site Utilities



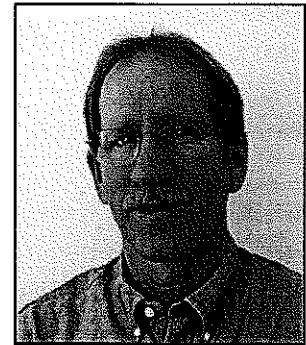


David L. Skeen, P. E., LEEDAP

Senior Project Engineer

Years of Experience with MSES: 18

Years of Experience with Other Firms: 33



Education

B. S. Mathematics, West Virginia State College

Chemical Engineering, Virginia Polytechnic Institute

Professional Registrations/Certifications

Professional Engineer - West Virginia, Ohio and Kentucky

LEED Accredited Professional

Professional Organizations

National Society of Professional Engineers

AIA West Virginia Chapter, Associate Member

Past Work History

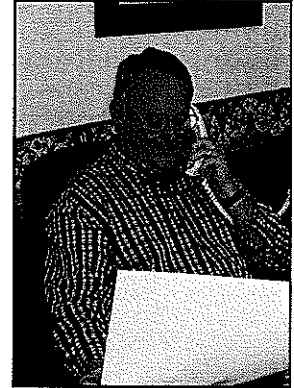
David L. Skeen, PE (Sole Proprietor)

James E. Moore Engineering, Inc.

Paul E. Cook Engineering, Inc.

Experience Summary

- Project Management
- Indoor Air Quality
- Noise Assessment
- Specification Development
- Job Costing
- Emergency Power Generator
- HVAC Systems Design
- Boiler System (Hot Water/Steam)
- Code Compliance
- Laboratory Exhaust Systems
- Isolation Room HVAC Systems
- Energy Recovery Ventilation Systems
- Regulatory Interaction
- Life Safety Codes
- Economic Feasibility
- National Electric Code Compliance
- Fire Protection Systems
- Energy Management systems/Audits
- Specialty Ventilation Systems
- Architectural Support/Mechanical
- Ground Source HVAC Systems
- Kitchen Ventilation Systems



Rodney D. Kidd, BSCE

Project Engineer

Years of Experience with MSES: 18

Years of Experience with Other Firms: 12

Education

B. S. Civil Engineering, West Virginia University

Professional Registrations/Certifications

Certified Compaction Technician - West Virginia Department of Highways

Certified Concrete Technician - West Virginia Department of Highways

Professional Organizations

American Society of Testing Materials

American Water Well Association

National Ground Water Association

Past Chairman – City of Bridgeport Planning and Zoning Commission

Past Work History

Union Carbide Corporation

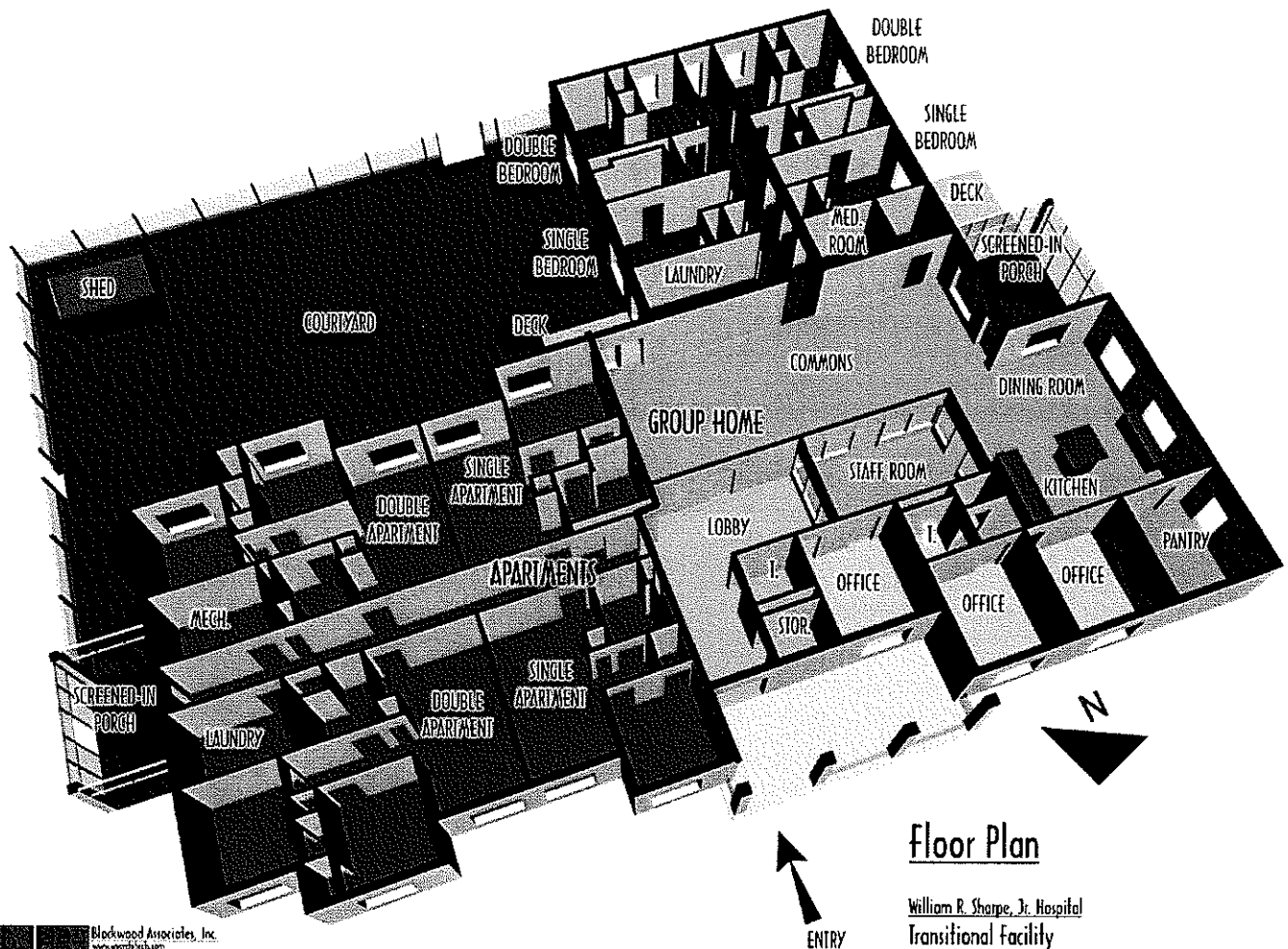
Experience Summary

- Project Management
- Sampling/Laboratory Programs
- Life Safety Codes
- Job Costing
- QA/QC Inspection & Compliance
- Soils Engineering
- Flood Routing
- Geographic and Hydrologic Studies
- Land Planning
- Municipal Engineering
- Site Utilities
- Firewater Systems
- Subsurface Investigation
- Stormwater Management
- Code Compliance
- Regulatory Interaction
- Data Base Systems
- Specification Development
- Property Evaluation
- Economic Feasibility
- Earth Sciences
- Stormwater Routing
- Foundations
- Site Development
- Hydrologic & Hydraulic Analysis
- Plumbing System/Design
- Roadway/Highway
- Water/Wastewater Systems
- Erosion and Sediment Planning
- Civil/Architectural Support



Team Projects

William R. Sharpe, Jr. Hospital Transitional Facility Weston, West Virginia



Blackwood Associates, Inc.
www.blackwood.com
MSES Consultants, Inc.

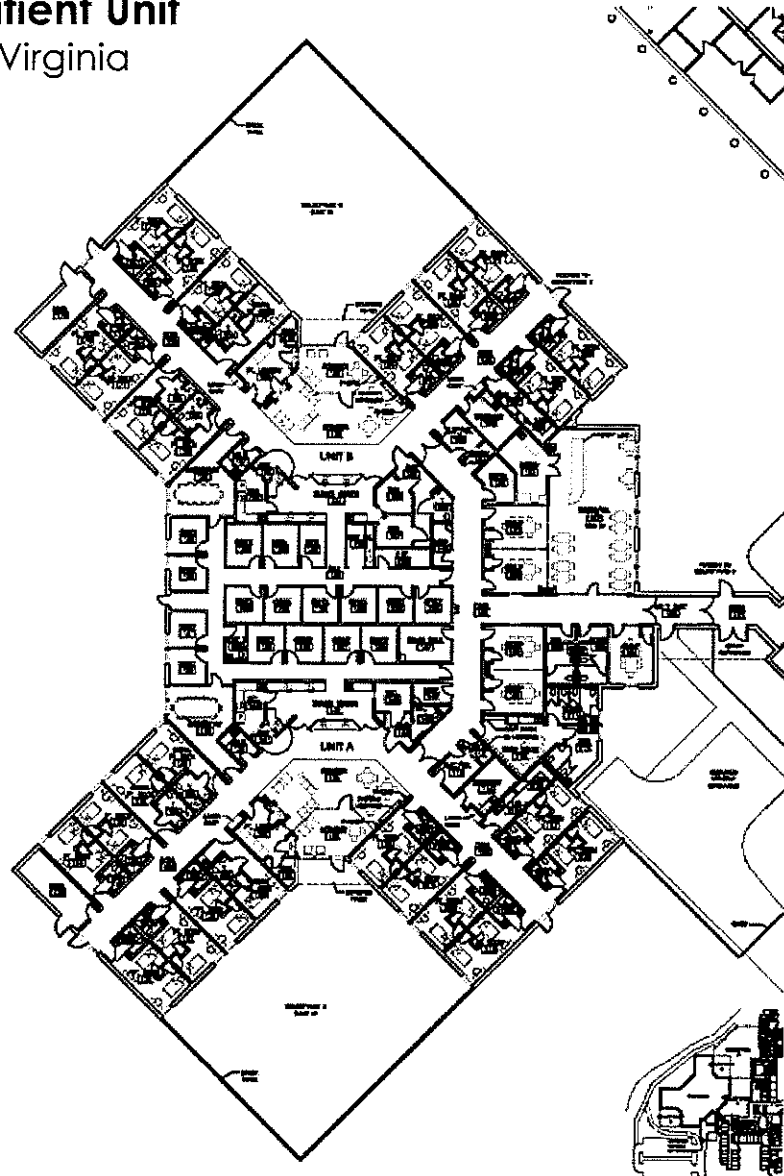
Blackwood Associates, Inc./MSES Consultants, Inc. were selected by the State of West Virginia Department of Health and Human Resources to provide architectural/engineering services for the new William R. Sharpe, Jr. Hospital Transitional Facility. The step-down unit is on the Sharpe Hospital campus and provides a facility where residents can transition to return to a normal life.

The project consisted of construction of a 7,850 sq. ft. single-story structure located away from the main Hospital. The project included two single-story accessory storage structures. DHHR Office of Health Facility Licensure and Certification oversight was required.

William R. Sharpe, Jr. Hospital

New 50 Bed Patient Unit

Weston, West Virginia



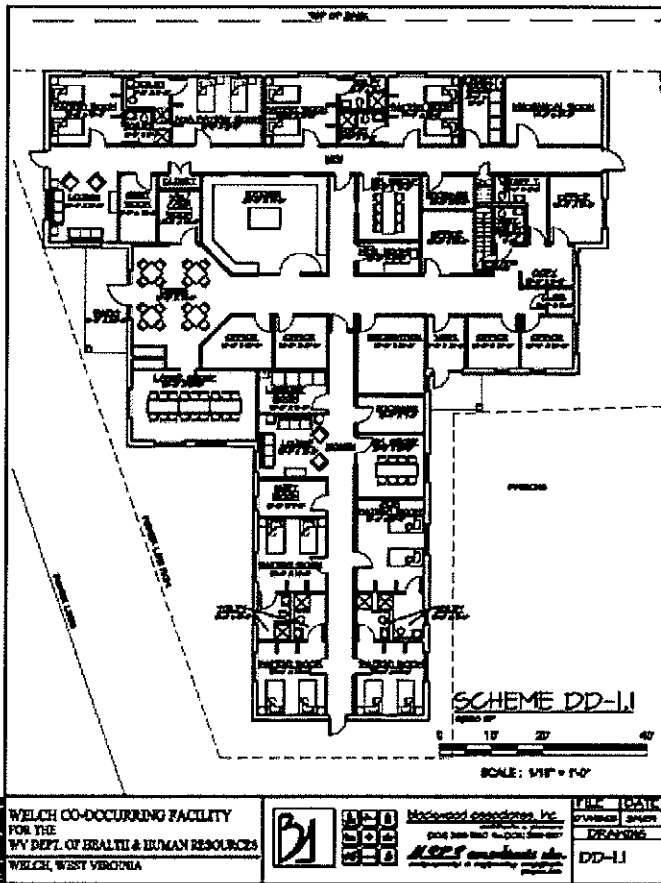
PROPOSED FIRST FLOOR PLAN
0 5 10 15

WILLIAM R. SHARPE, JR. HOSPITAL
50 BED ADDITION
DD2

Blackwood Associates, Inc./MSES Consultants, Inc. were selected by the State of West Virginia Department of Health and Human Resources to provide architectural/ engineering services for the new 50 Bed Forensic Patient Unit at William R. Sharpe, Jr. Hospital in Weston, WV. The Facility has been designed with separate pods and outdoor spaces to allow the Owner complete flexibility. The on-grade addition will provide a secure entrance for receiving adjudicated patients. The ± 25,000 SF project has been designed and is ready for development of construction documents.

New Welch Co-Occurring Facility

Welch, West Virginia

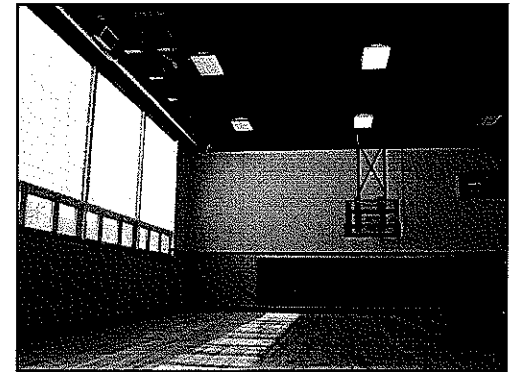
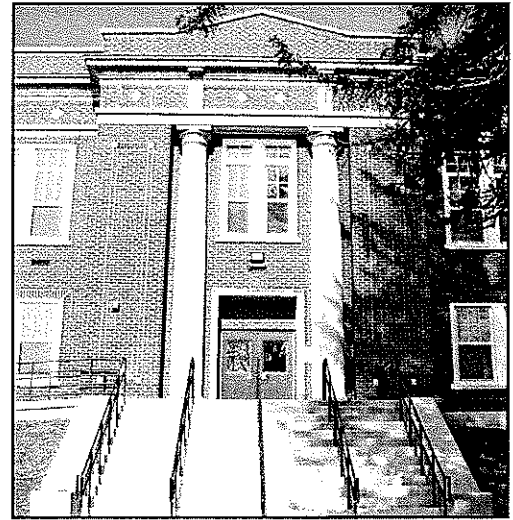


Blackwood Associates, Inc./MSES Consultants, Inc. were selected by the State of West Virginia Department of Health and Human Resources to provide architectural/ engineering services for the new Welch Co-Occurring Facility to be located in Welch, WV.

Work includes site preparation and construction of a 8,300 SF 16-bed group home with slab on grade, wood stud and brick walls and wood truss roof. Property is located in a flood plain requiring the first floor elevation to be raised more than six feet above existing grade. The project is scheduled to bid in early 2010.

Johnston School Renovations

Industrial, West Virginia
State of West Virginia



Blackwood Associates, Inc./MSES Consultants, Inc. were selected by the WV Division of Juvenile Services to evaluate and develop construction documents for renovations to an old school building located on the grounds of the WV Industrial Home for Youth in Industrial, WV. The purpose of the study was to determine the feasibility of renovating the structure to again serve as an educational facility.

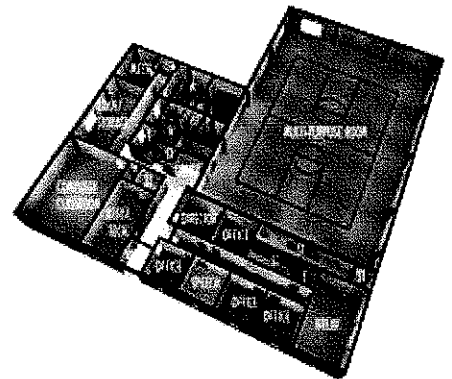
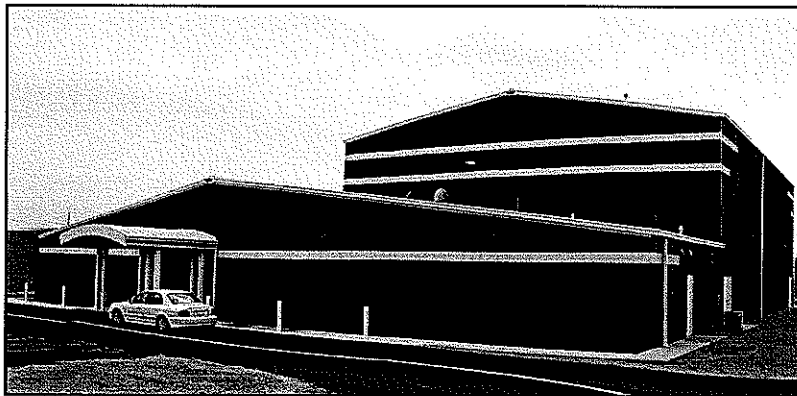
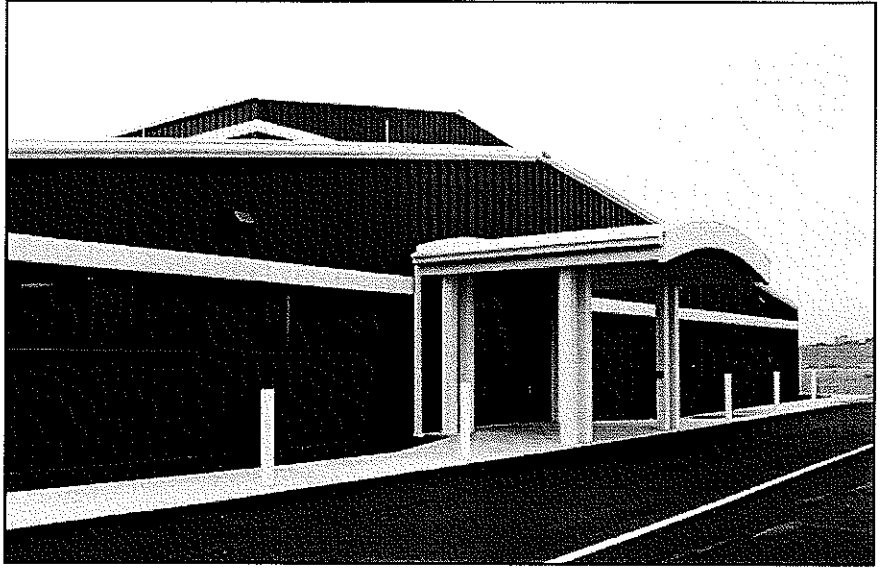
The final BAI/MSES report and cost estimates led to a recommendation to renovate the present building in lieu of constructing a new facility.

BAI/MSES completed construction documents, bidding and the \$2,568,000 project started construction in April 2006. Construction is complete and the building is now occupied by the educational staff.

WV Division of Juvenile Services
Contact: Joe Merendino, Superintendent
1-304-782-2371

SteppingStones - A Recreation Center for People with Disabilities

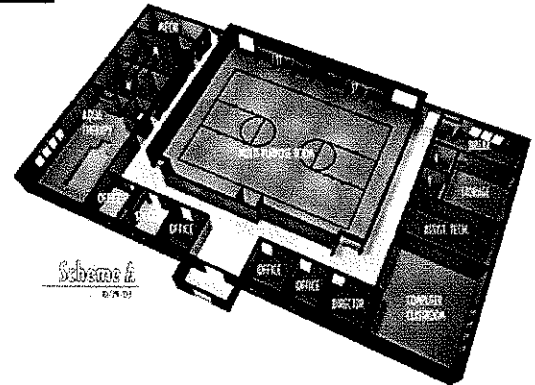
Monongalia County, WV



The new facility is located at Mylan Park, near the Star City exit of I-79. This project with an approximate building area of 11,500 square feet and the construction cost of \$1,100,000.00, completed construction.

The New Facility includes:

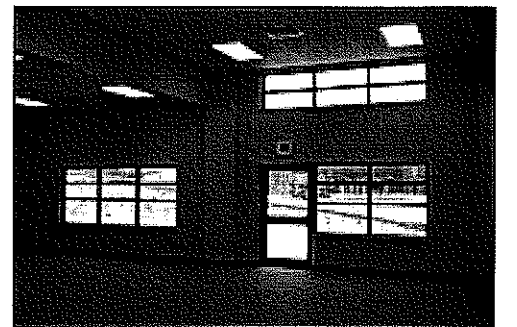
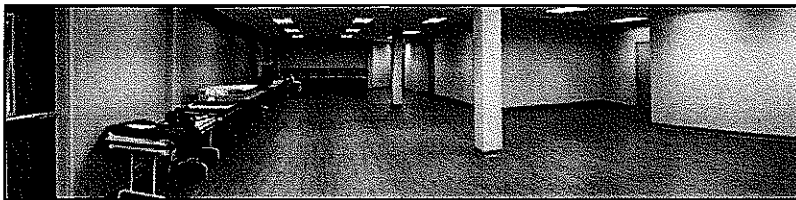
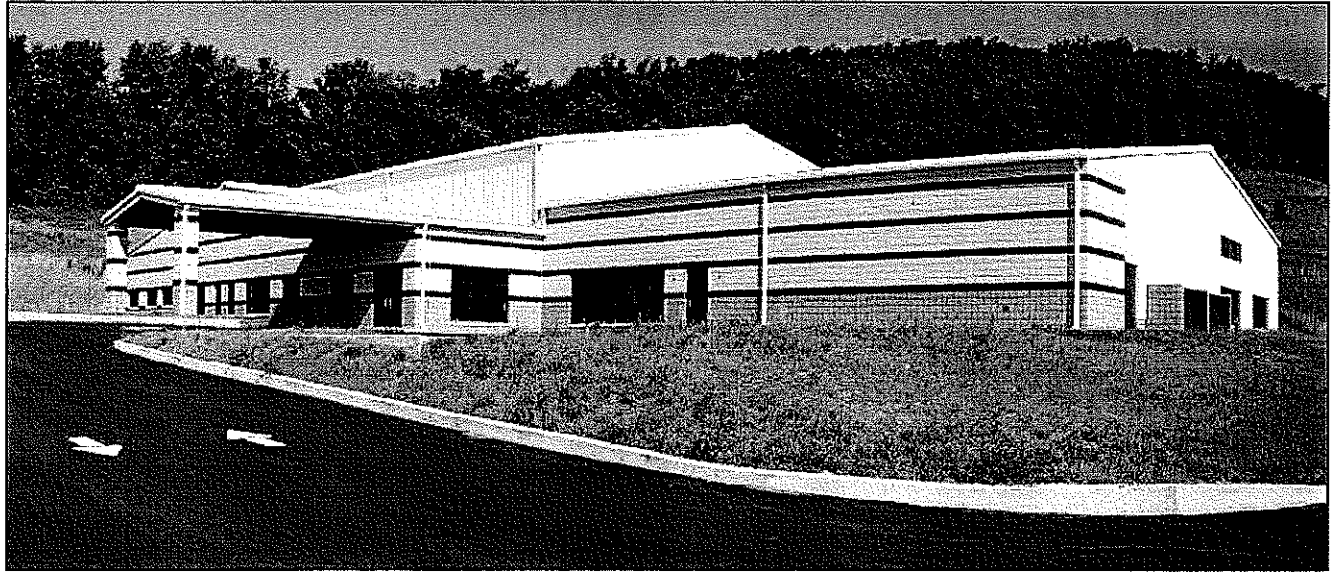
- Multi-Purpose Gymnasium
- Computer Lab
- Speech Therapy
- Administration Suite
- Assistive Technology Center
- Future Aqua Therapy



The focus of SteppingStones is to provide social, educational and recreational activities for people of all ages with various disabilities. The new Recreation Center is designed with the special needs of these participants in mind.

PRE-ENGINEERED STRUCTURE

PACE TEC Training & Evaluation Center Morgantown, WV



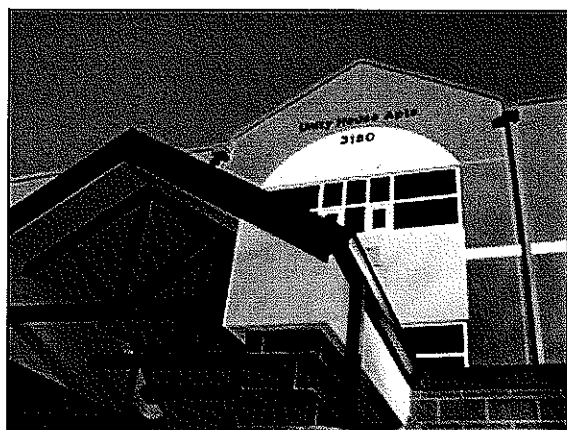
PACE TEC provides habilitation, vocational training and employment opportunities for people with disabilities. The organization had outgrown their existing building and selected BAI/MSES to design a new building to reflect a more corporate appearance and allow for more flexibility for future growth.

The new 16,600 SF facility is a pre-engineered metal building with decorative ground face and glazed block veneer.

The high-bay production area will be used to train clients in assembly and manufacturing of various products. Other clients will be instructed in food service preparation and serving in the new commercial kitchen. The large administration suite will be used for computer and clerical training. To provide for future expansion, the high-bay area has been designed to accommodate an entire 2nd floor addition.

PRE-ENGINEERED STRUCTURE

Human Resources Development Foundation, Inc. Housing Projects in West Virginia



BAI has been working with the Human Resource Development Foundation of Morgantown, WV, on design and construction of independent living facilities throughout West Virginia. Since 1979, BAI has designed a total of 17 projects with over 717 apartments.

These HUD funded apartments have been designed to accommodate low income, elderly and individuals with disabilities, including sight and hearing impairments. All projects have included activity rooms, multi-purpose room, and food warming pantries. Several complexes were re-adaptation projects of existing structures into viable housing units.

Romney Unity – Romney
Unity House Apartments – Morgantown
South Charleston Unity – South Charleston
Cabell-Huntington Unity – Huntington
Unity Terrace – Fairmont
West Hamlin Unity – Branchland



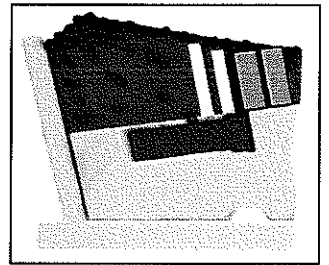
Ohio County Schools Maintenance/Transportation Center Wheeling, WV



The Ohio County Board of Education Bond Election included new construction and/or renovations and improvements for a Maintenance/ Transportation Center. Blackwood Associates, Inc. worked with the School Administration in evaluating existing buildings and property centrally located in the county. The decision was made to purchase a former industrial site with two existing buildings and the structural framework for a third. The site provided square footage already under cover and sufficient area for new construction.

- \$1.37 Million
- Bus Maintenance Shops with Painting and Washing Bay (10,600 Sq. Ft.)
- Storage Building (4,800 Sq. Ft.)
- Offices (4,000 Sq. Ft.)
- Included Renovations to 2 existing buildings
- Change Order to Credit \$18,000 back to Ohio County Schools
- 20 Ft. X 60 Ft. Bays

PRE-ENGINEERED STRUCTURE



US Department of Justice

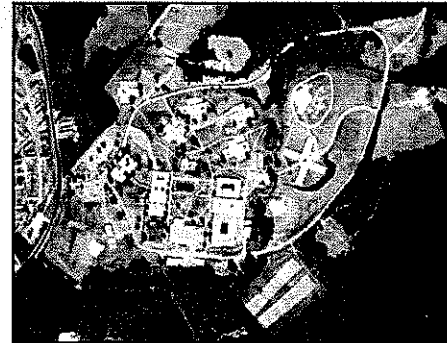
Clarksburg, West Virginia

In 2004, the U.S. Department of Justice selected the MSES/BAI team to provide professional services under a blanket contract for a 600,000 S.F. facility on a 1,400 acre campus. Typical services to be provided include building interior and exterior renovations, life safety system upgrades, fire sprinkler systems, security systems, HVAC, electrical, lighting, indoor air quality, and energy audits, to list a few. Survey, and utility renovations will also be a part of the services to be furnished.

Kennedy Center Federal Correctional Institute

Morgantown, West Virginia

The Morgantown, West Virginia FCI medium security center is a campus-style facility, where the residents are housed in separate single-story dormitories. The recent expansion and new construction project at the facility consisted of the construction of a new 300 bed resident dormitory, totaling 35,250 s.f.; the expansion of the existing dining facility (kitchen and cafeteria), involving the construction of a new area of 4,978 s.f., the integration of this new area with a 5,866 s.f. existing area, total remodeling of this existing area, and complete renovation and upgrades to the remainder of the dining facility building (total dining facility area of 37,500 s.f.); modifications of the facility's Visitors' Center, including construction of a new area (2,609 s.f.), total renovation of 5,893 s.f. of existing space, and integration of these areas into the remaining area of 8,670 s.f. (total Visitors' Center area of 17,190 s.f.) MSES's responsibilities for the new construction, existing building expansions, and remodeling of existing spaces included the provision of all engineering and inspection services. The team consisted of an architect, whom provided architectural services only, and MSES, whom performed all other engineering, infrastructure upgrades, inspection, and contract administration services. The project was completed in the fall of 2000 and cost \$7,800,000.00.



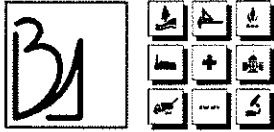


ENVIRONMENTAL

MSES Consultants, Inc. (MSES) was originally founded in 1976 as an Environmental Consulting Company. Over the years, MSES expanded its Environmental Services, as well as adding Civil, Electrical, Mechanical and Safety Engineering Services with Drafting and Survey provided to supplement the various Engineering expertise.

MSES' environmental capabilities are listed below:

- Environmental Permitting (Air, Wastewater, and Stormwater Discharges); Environmental Plan Preparation (Groundwater Protection, Stormwater Pollution Prevention, Facility Response Plans, Waste Management Plans, etc.);
- Environmental Inspections/Audits;
- ISO 14001 Registration Assistance;
- Environmental Regulation Compliance/Interpretation (Local, West Virginia and Federal);
- Indoor Air Quality Studies (Ventilation, Air Contaminants, Identification and Quantification, Microorganism Assessments);
- Asbestos (Inspections, Management Plans, Abatement Specifications, Abatement Monitoring, Clearance Air Monitoring);
- Lead Based Paint (Inspections, Abatement Specifications, Abatement Monitoring, Clearance Air Monitoring);
- Landfill (Design, Construction Specifications, Construction Monitoring);
- Contaminated Soil/Groundwater (Assessment, Clean-up Specifications, Clean-up Monitoring, Clearance Sampling, Voluntary Remediation Plan Preparation/Implementation);
- ASTM Phase I, II, and III (Environmental Site Assessments);
- Water System Design;
- Wastewater System Design.



ENVIRONMENTAL

The MSES Staff includes the following environmental specialists:

- Civil Engineers;
- Environmental Chemists;
- Biologists;
- Meteorologist; and
- Industrial Hygienist.

MSES personnel maintain a wide variety of professional licenses/certifications. A list of licenses/certification maintained by one or more of the MSES staff is listed below:

- Registered Professional Engineer (PE);
- Certified Industrial Hygienist (CIH);
- Qualified Environmental Professional (QEP);
- Licensed Remediation Specialist (LRS);
- Licensed Asbestos Inspector;
- Licensed Asbestos Management Planner;
- Licensed Asbestos Clearance Air Monitor;
- Licensed Lead Inspector;
- Licensed Groundwater Monitoring Well Installer; and
- Licensed Underground Storage Tank Closure Specialist.

APPROACH TO ENVIRONMENTAL SURVEYS

MSES typically utilizes the following approach to environmental survey:

- Project Initiation in which Project Objectives are Defined;
- Field Work Performed;
- Analysis of Samples (if required);
- Review of Information (Data Obtained and Identification of Regulatory/Best Management Practices);
- Report Preparation; and
- Review of Findings with Client.



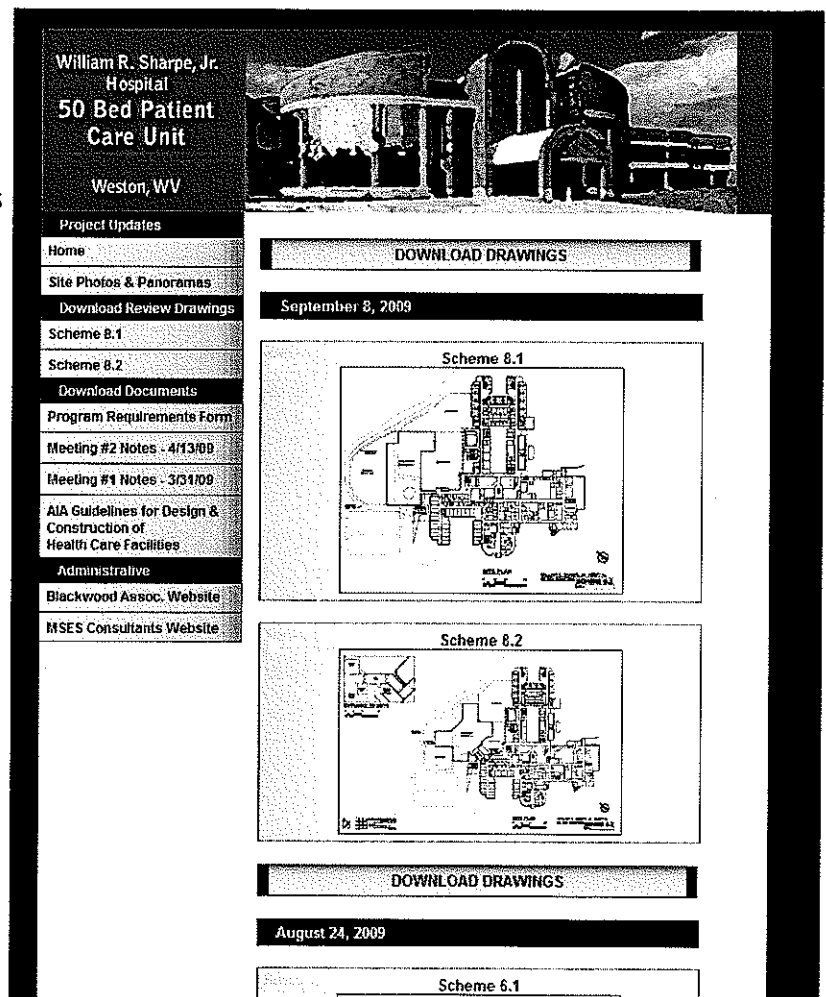
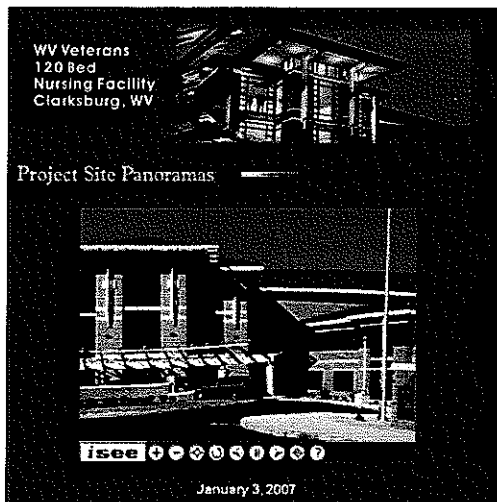


DESIGN & CONSTRUCTION WEBSITES

Blackwood Associates, Inc. features its own Web Design Division. **BAI** has been developing project design websites for over 12 years and this has significantly improved project communication. During design development, our websites are used to feature project updates, renderings and floor plans for review, as well as preconstruction site photography and site plans. Construction website information is updated during the building process on a regular basis.

Project Design Websites are used for:

- Conceptual Designs
- Design Document Reviews
- Site Panoramas
- Floor plan & Rendering
- Analysis

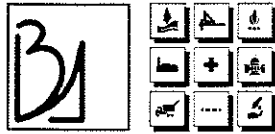


Project Construction Websites are used for:

- Progress Reports
- Progress Photos & Panoramas
- Construction Record



LEED Accredited Professionals



LEED Accredited Professionals

BAI/MSES is proud to be a member of the United States Green Building Council and for many years has incorporated a broadening spectrum of sustainable design strategies as part of our standard operations. Green building practices can greatly reduce the negative environmental impact of the construction process, and green design can provide more "livable" buildings with healthier, more productive environments and lower building maintenance and operating costs. Achieving a LEED certification for a structure is an involved process that requires professional assistance, and proper planning is essential from the very beginning of a project. With two LEED Accredited Professionals on staff consideration of the Leadership in Energy and Environmental Design philosophy is integral to our design and planning process. Our LEED APs are experienced in architectural and mechanical design and construction and are proponents of incorporating the green design philosophy into real world building projects.



THINK GREEN

BAI/MSES LEED Capabilities



Project Design & Planning
Kenton Blackwood, LEED^{AP}, Associate AIA



Mechanical Engineering/HVAC
Dave Skeen, PE, LEED^{AP}

Blackwood Associates, Inc./MSES Consultants, Inc.
The Largest Full Service Professional Architectural/Engineering Firm in West Virginia