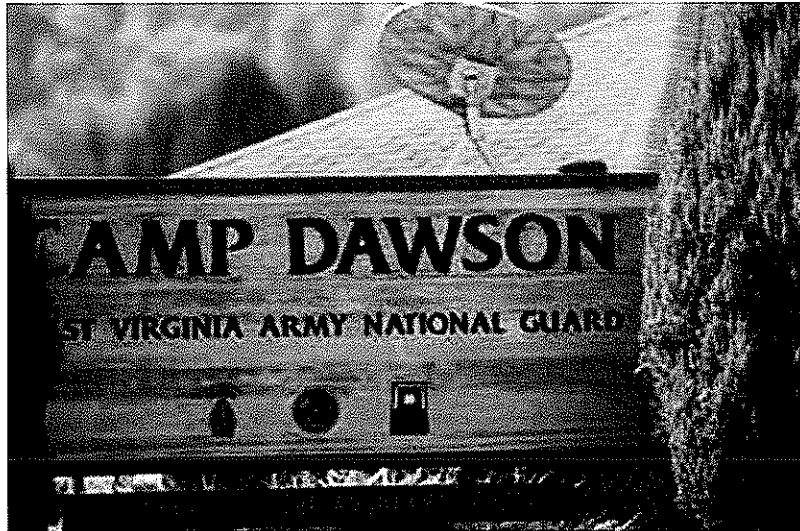


West Virginia Army National Guard

Req#: DEFK9019

Architectural and Engineering Services for the Senior Visitors Quarters at Camp Dawson in Preston County, WV



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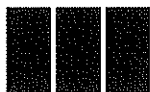
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PURCHASING DIVISION
STATE OF WV

McKinley & Associates
Architects • Engineers • Interior Design

CEI
Capitol Engineering, Inc.

MOMENT
engineers, inc.



McKINLEY & ASSOCIATES

ARCHITECTS • ENGINEERS • INTERIOR DESIGN

March 31, 2009

John Abbott
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, WV 25305-0130

Re: DEFK9019 – Senior Visitors Quarters at Camp Dawson

Dear Mr. Abbott,

McKinley & Associates in association with Capitol Engineering, Inc. and Moment Engineers, Inc. (McKinley/Capitol/Moment) is honored to submit our qualifications for your contract to provide Architectural and Engineering Services for the Senior Visitors Quarters at Camp Dawson. Our specific team members will assume the following roles:

- McKinley & Associates Architect of Record, MEP Engineering, Interior Design, and Construction Administration
- Capitol Engineering, Inc. Civil/Site Engineers
- Moment Engineers, Inc. Structural Engineers

As you look over our submittal, we would like to highlight that McKinley/Capitol/Moment have collaborated in the past and also have ongoing projects together. We are proud to bring you an all-West Virginia team. Also, McKinley & Associates designs over \$100 million in construction cost per year within West Virginia. In addition, both our Washington (Architect) and Wheeling (MEP Engineering, Associate Architect, and Construction Administration) offices are less than 2 hours away from Kingwood.

Thank you for reviewing our submission and considering McKinley/Capitol/Moment for your project.

Personal Regards,


Ernest Dellatorre
McKinley & Associates



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

Request for Quotation

RFQ NUMBER
DEFK9019

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT
304-558-2544

RFQ COPY
TYPE NAME/ADDRESS HERE

McKinley & Associates
 The Maxwell Center / Suite 100
 32 Twentieth Street
 Wheeling, WV 26003

DIV ENGINEERING & FACILITIES
ARMORY BOARD SECTION

1707 COONSKIN DRIVE
CHARLESTON, WV
25311-1099 341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/12/2009				

BID OPENING DATE: **04/01/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL CONTRACT TO PROVIDE ARCHITECT & ENGINEERING SERVICES FOR THE WEST VIRGINIA ARMY NATIONAL GUARD, CAMP DAWSON KINGWOOD, WV LOCATION, PER THE ATTACHED DOCUMENTATION. NOTICE A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID BUYER: JOHN ABBOTT----- RFQ. NO.: DEFK9019-----						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Just Ollala</i>	TELEPHONE (304) 233-0140	DATE 3/31/09
TITLE Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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

Request for Quotation

RFQ NUMBER:
DEFK9019

PAGE:
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
JOHN ABBOTT
304-558-2544

RFQ COPY
TYPE NAME/ADDRESS HERE

McKinley & Associates
 The Maxwell Center / Suite 100
 32 Twentieth Street
 Wheeling, WV 26003

DIV ENGINEERING & FACILITIES
ARMORY BOARD SECTION

1707 COONSKIN DRIVE
CHARLESTON, WV
25311-1099 341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/12/2009				

BID OPENING DATE: **04/01/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING DATE:				04/01/2009		
BID OPENING TIME:				1:30 PM		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
				(304) 233-4613		
CONTACT PERSON (PLEASE PRINT CLEARLY):						
				Ernest Dellatorre		
***** THIS IS THE END OF RFQ DEFK9019 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Ernest Dellatorre</i>	TELEPHONE (304) 233-0140	DATE 3/31/09
TITLE Business Development	FEBN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

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

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

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

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

ANTITRUST:

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

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

LICENSING:

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

CONFIDENTIALITY:

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

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

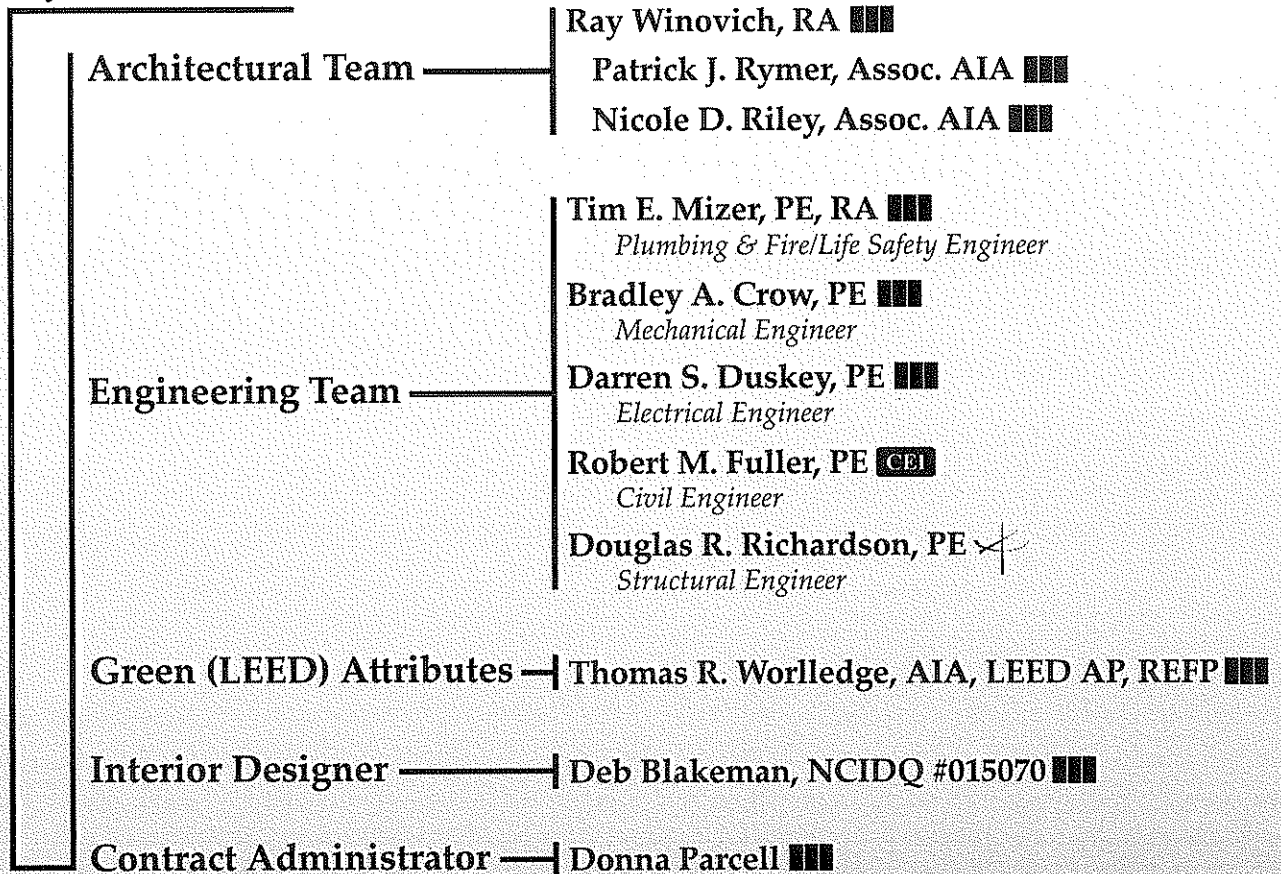
Vendor's Name: McKinley & AssociatesAuthorized Signature:  Date: 3/31/09

Purchasing Affidavit (Revised 1/01/09)

DESIGN TEAM

West Virginia Army National Guard Senior Visitors Quarters DEFK9019

Project Manager
Ray Winovich, RA



● NATIONAL GUARD EXPERIENCE

McKinley & Associates, Capitol Engineering, and Moment Engineers all have professionals that have been a part of many West Virginia Army National Guard projects. The following is a partial list of the projects this design team has successfully completed for you already:

MOUNTAINEER CHALLENGE ACADEMY

Robert M. Fuller - Site and Civil Design Engineer
Douglas R. Richardson - Structural Engineer
Tim E. Mizer - Design Engineer
Bradley A. Crow - Mechanical Engineer
Darren S. Duskey - Electrical Engineer

GLEN JEAN ARMED FORCES RESERVE CENTER

Robert M. Fuller - Site and Civil Design Engineer
Douglas R. Richardson - Structural Engineer
Nicole D. Riley - Project Captain*
Patrick J. Rymer - Project Design & Construction Administration*

GLEN JEAN ORGANIZATIONAL MAINTENANCE FACILITY

Nicole D. Riley - Project Captain*

GLEN JEAN MILITARY ENTRANCE PROCESSING STATION

Nicole D. Riley - Project Captain*

CAMP DAWSON RUNWAY EXTENSIONS

Robert M. Fuller - Runway Extensions

SUMMERSVILLE READINESS CENTER

Robert M. Fuller - Site and Civil Design
Patrick J. Rymer - Project Design & Construction Administration*

LEWISBURG READINESS CENTER

Robert M. Fuller - Site and Civil Design
Patrick J. Rymer - Project Design & Construction Administration*

ARMY AVIATION SUPPORT FACILITY #1

Robert M. Fuller - Apron Expansion/Rehabilitation and Taxiway Replacement
Patrick J. Rymer - Project Design & Construction Administration*

ROBERT C. BYRD REGIONAL TRAINING INSTITUTE

Douglas R. Richardson - Structural Engineer
Nicole D. Riley - Designer/Production Team*

CAMP DAWSON ARMED FORCES RESERVE CENTER

Douglas R. Richardson - Structural Engineer

*previous work experience with a firm other than McKinley & Associates

Architect

● RAY WINOVICH

EDUCATION:

Carnegie-Mellon University
Bachelor of Architecture - 1979

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

Pennsylvania (1984)
Washington (1997)
Michigan (2000)
Indiana (2000)
New York (2003)
Massachusetts (2003)
West Virginia (2005)
Ohio (2007)

NCARB Certificate - 2003

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2005 to present)

Industrial Design Corp.
Pittsburgh, PA (2000-2005)

SSOE, Inc
Bellevue, WA and Toledo, OH (1997-2000)

R.T. Patterson Co. Engineers
Pittsburgh, PA (1994-1997)

Self employed contract work (1993-1994)

Industrial Design Corp.
Pittsburgh, PA (1990-1992)

SUMMARY OF EXPERIENCE:

Mr. Winovich has extensive experience in large complex industrial facilities for advanced technology operations, and has worked on numerous projects where fast-track project delivery strategies have been utilized.

NOTABLE PROFESSIONAL EXPERIENCES:

Project Architect

New 50,000 SF classroom, building and overall campus renovation of Parkersburg South High School, Wood County, WV.

Project Architect

Renovation and expansion of a 15,000 SF medical office facility in Wheeling, WV.

Project Architect

Intel Corp., Leixlip Ireland / 150,000 SF Class-10 clean room, manufacturing facility.

Project Architect

Intel Corp. FAB 17, Hudson MA / Renovations to existing clean-room manufacturing facility.

Project Architect

Van Waters & Rogers Inc, / 100,000 SF Chemical Storage and Distribution Center in Morristown, PA.

Project Architect

American Video Class Company / Joint venture of Sony and Corning Corp. Design-Build \$200 million facility, 500,000 SF Plant for TV picture tube production, with detached admin-office building, cafeteria and locker rooms. This facility is located in New Stanton, PA.

Project Architect

Armco Steel Co. / New Continuous casting facility at an existing steel mill site, Mansfield, OH.

Project Architect

IBM Facility expansion, East Fishkill, NY.

Project Architect

Digital Equipment Corp., Hudson MA / 500,000 SF Manufacturing facility with Class 1 clean rooms.

Associate Architect

PATRICK J. RYMER, ASSOC. AIA

EDUCATION:

University of Tennessee
Bachelor of Architecture - 1999

Memphis Center for Design - 1998

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

ASSOC. AIA

NCARB

IDP

ArchNet

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2005 to present)

Capitol Engineering
Charleston, WV (2003-2005)

United Brotherhood of Carpenters & Joiners
(2000-2003)

SUMMARY OF EXPERIENCE:

Mr. Rymer brings over eight years experience in the building design and construction industry. His recent relevant experience includes the project management of several projects, as well as the lead design and construction administration of various Federal, State, County Government and private projects. Bringing a diverse background from the hands on experience of an apprenticeship in the construction trades to project management of multi-million dollar facilities, Mr. Rymer has an intimate understanding of building and design on a holistic level.

NOTABLE PROFESSIONAL EXPERIENCES:

Project Management:

Marshall County Schools:

Cameron Elementary / Pre-K Classroom Building Addition
Cameron Jr/Sr High School/Renovations
Cameron Fieldhouse / Over 1200 Seat Athletic Facility
Cameron Schools / Roof Replacements

Braxton County Senior Citizen Center / 14,000 SF Addition
and Renovation

West Virginia State Police:

Jackson County Detachment
Kanawha County Troop 4 Headquarters
Berkeley County Detachment

Regional Economic Development Office, Wheeling:

Parking Facility
Adaptive Reuse Warehouse Study

West Virginia Army National Guard:

Camp Dawson/Fueling Canopies
Parkersburg Army Aviation Support Facility / Taxiway Repair

Tyler County Public Library / Community Wing

Project Design & Construction Administration:

St Matthews Episcopal Church / Parish Hall Renovations
Glen Jean WVANG-AFRC-MEPS Facility
Parkersburg AASF Apron Rehabilitation
Logan County / Industrial - Business Park Site Investigation
Williamson Armory, WVANG Wash Pad & Military Parking
Summersville Readiness Center
Lewisburg Readiness Center

Associate Architect

● NICOLE D. RILEY, ASSOC. AIA

EDUCATION:

Virginia Tech, College of Architecture
Bachelor of Architecture - 1998

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

NCARB

Associate Member:

The American Institute of Architects

Member:

AIA 150 Celebration Steering Committee
AIA Livable Communities Committee
Charleston Area Alliance, Young
Professionals Housing Sub-Committee
Young Life Committee of Kanawha Valley

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2005 to present)

Williamson Shriver Architects
Charleston, WV (2003-2005)

ZMM, Inc. Architects and Engineers
Charleston, WV (1999-2003)

The Omni Associates
Fairmont, WV (1999)

SUMMARY OF EXPERIENCE:

Mrs. Riley's tenure as design professional has taken her through many aspects of project delivery and construction throughout West Virginia. This experience includes a wealth of works for several county school systems, the West Virginia Army National Guard, as well as multiple private clientele. A family background in masonry construction and a keen interest in historical elements are recognized through her understanding and usage of natural materials in a contemporary context. Mrs. Riley is active in coordination during the design process, culminating in a sound package for the client.

NOTABLE PROFESSIONAL EXPERIENCES:

Designer/Production Team - Robert C. Byrd Regional Training Institute, Kingwood, WV

148,000 SF facility for the West Virginia Army National Guard - Camp Dawson. This facility contains temporary residences for officers, training and office areas, auditorium and conference space as well as dining facilities. Designer of Lobby tile and marquis design and assisted with various Interior Design elements and Construction administration tasks.

Project Captain - Glen Jean Armed Forces Center, Glen Jean, WV

110,000 SF joint project for the West Virginia National Guard and the United States Department of Defense includes an Armed Forces Reserve Center, Organizational Maintenance Facility and Military Entrance Processing Station. Responsible for all phases of document production with an emphasis on coordination with U.S. Department of Defense and various engineering consultants.

Design Team - Parkersburg South High School

Selective demolition and comprehensive renovations and additions to 250,000 SF campus, whose original design period spanned the decades of 1950-1970. Design facets included state-of-the-art technological and science updates as well as new music facilities. Renovation design implemented ADA and Safe Schools initiatives. New Day Care facility was designed for the school system's training curriculum.

Project Manager - McKinley & Associates Charleston Area Office

The new McKinley & Associates Charleston Area Office is a 2,500 SF office space for our architectural, engineering, and interior design staff. This interior renovation project was constructed for \$63.30/SF with owner occupancy ahead of schedule. Managed budget, schedule, construction administration, vendor relations and material purchasing.

Design Team - St. Albans High School, St. Albans, WV

Extensive additions and renovations to existing high school. Concentration on selective demolition and design detailing.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Architectural Engineer / Architect

TIM E. MIZER, PE, RA

Director of Operations

EDUCATION:

Kansas State University
B.S. Architectural Engineering - 1983

University of Cincinnati
Architecture

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:

West Virginia
Ohio

Registered Architect in:

Ohio

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Architect / Engineer
Wheeling, WV (1995 to present)

M.C.C. Engineering
Director of Design
Columbus, Ohio (1988-1995)

Schooley Caldwell and Associates
Electrical & Mechanical Design
Columbus, Ohio (1986-1988)

Mizer Design
Free Lance Architectural Engineering Design
Columbus, Ohio (1985-1986)

Envirotek, Inc.
Drafting and Electrical & Mechanical Design
Raleigh, NC (1984-1985)

SUMMARY OF EXPERIENCE:

A very talented and unique professional who is registered both in engineering and architecture. Mizer's background as an Architectural Engineer has provided him with a total understanding of the engineering components which provides a cohesiveness on all of his projects. Being also a Registered Architect, he understands designing to allow for the engineering disciplines, including his responsibility of project management and design. Mr. Mizer is the head of McKinley & Associates engineering division.

NOTABLE PROFESSIONAL EXPERIENCES:

Design Engineer

WV Army National Guard - Challenger Learning Center

Design Engineer

West Virginia State Police Detachments

Design Engineer

Barnesville (OH) Schools - new buildings

Site Engineer

Hancock County Middle School-new building & site

Site Engineer

WVU Fire Academy-new building & site

Project Architect / Engineer

Hope VI Phase II-new building development

Design Engineer

Union Local Schools

Design Architect / Engineer

USCan rehabilitation project. 250,000 SF renovation of industrial building

Design Architect / Engineer

USPS Clarksburg MPO Renovation to historic building
Work also included HVAC and cooling tower

Project Architect / Engineer

Brooke County Animal Shelter building renovation

Mechanical Engineer

BRADLEY A. CROW, PE

Director of Engineering Services

EDUCATION:

West Virginia Institute of Technology
B.S. Mechanical Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
West Virginia

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Mechanical Engineer
Wheeling, WV (2005 to present)

BDA Engineering
Design Engineer
Pittsburgh, PA (2001-2005)

Tri-State Roofing
Sales Engineer
Davisville, West Virginia (2000-2001)

Ravenswood Polymers
Site Engineer
Ravenswood, West Virginia (1997-2000)

SUMMARY OF EXPERIENCE:

Mr. Crow is an exciting and innovative Engineer who is on the cutting edge of his profession. His passion for his work translates into incredible design for his clients. His broad experience includes design for HVAC and plumbing for educational facilities, office buildings, shopping centers, apartment buildings, and other commercial and institutional facilities. Brad also has experience as a Site Engineer and Sales Engineer, which provides an unique understanding for problem solving.

NOTABLE PROFESSIONAL EXPERIENCES:

Mechanical Engineer

WV Army National Guard - Challenger Learning Center

Mechanical Engineer

Wood County Schools (\$63+ million renovations)

Mechanical Engineer

WVU Colson Hall Renovations

Mechanical Engineer

WVU Fire Academy / Jackson's Mill

Mechanical Engineer

Southwest Cancer Institute Treatment Center (50,000 SF)

Mechanical Engineer

Nemacolin Woodlands Resort - Outdoor World

Mechanical Engineer

Mt. Lebanon Municipal Building Renovation (70,000 SF)

Mechanical Engineer

California University of PA (2-170 Bed Dorms).
Geothermal Heating & Cooling System

Mechanical Engineer

Slippery Rock University (4-320 Bed Dorms)

Mechanical Engineer

84 Lumber Corporate Offices (23,000 SF)

Electrical Engineer

DARREN S. DUSKEY, PE

EDUCATION:

The Ohio State University
B.S. Electrical Engineer - 1993

Marshall University
Graduate courses in Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Professional Engineer in:
West Virginia
Ohio

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2002 to present)

Pickering Associates
Parkersburg, WV (1997-2002)

Magnetic Specialty, Inc.
Marietta, OH (1995-1997)

Inland Products, Inc.
Columbus, OH (1993-1995)

SUMMARY OF EXPERIENCE:

Mr. Duskey has 10 years of experience in the industrial, commercial, institutional, and educational markets with projects ranging from State Police detachment offices, electrical design of schools, health care facilities, large and small industrial projects, and commercial properties. He has extensive knowledge and experience with the National Electrical Code, state building codes, building industry standards and practices, and has demonstrated the ability to design qualitative and economic solutions to a myriad of challenges.

NOTABLE PROFESSIONAL EXPERIENCES:

Project Electrical Engineer

WV Army National Guard - Challenger Learning Center

Design Electrical Engineer

West Virginia State Police Detachment project in Berkeley County, WV

Design Electrical Engineer

Distribution warehouse for Cabela's in Wheeling WV

Design Electrical Engineer

School project in Chapmanville, WV

Project Electrical Engineer

Wayne Street Health Care center in Marietta, Ohio

Project Electrical Engineer

Solvay Polymers in Marietta, Ohio

Consulting Engineer

Chevron Phillips Chemical Company in Marietta, Ohio
(1998-2001)

Design Electrical Engineer

Magnetic Specialty, Inc. in Marietta, Ohio

Design Electrical Engineer

Swisher International in Wheeling, WV



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Architect / Green (LEED) Specialist

● THOMAS R. WORLLEDGE, AIA, LEED AP, REFP

Charleston Office Area Manager

EDUCATION:

Virginia Polytechnic Institute & State University
Master of Architecture - 1992

Fairmont State College, School of Technology
B.S. Architectural Eng. Tech. - 1983

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

West Virginia
Virginia
Pennsylvania
Ohio

National Board Certification:

NCARB #48600

President:

West Virginia Society of Architects

Member:

The American Institute of Architects
US Green Building Council
Sustainable Building Industries Council
Recognized Educational Facility Professional
(REFP)

Former voting member:

ASHRAE 90.1 International Energy Code
Committee

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Manager, Charleston Office
Charleston, WV (2005 to present)

Proactive Architecture Inc.
President
Charleston, WV (1999-2005)

Silling Associates Inc.
Vice President
Charleston, WV (1992-1999)

TAG Architects
Charleston, WV (1985-1990)

Alpha Associates Inc.
Morgantown, WV (1983-1985)

SUMMARY OF EXPERIENCE:

Thomas R. Worlledge is a skilled Architect with over 20 years experience who has received state wide design awards and placed in national design competitions. As a recognized sustainable design expert, he has had articles published in state and national trade publications, spoken before architectural students, ASHRAE chapters, and business groups on sustainable design issues and was also a featured speaker at the 2001 Governor's Conference on the Environment and the 2001 Sustainable fair. He also teaches other design professionals in the art of High Performance School design, as a professional trainer for the Sustainable Building Industries Council. Mr. Worlledge has been involved in design of projects ranging in from a small home additions (one of which was featured on HGTV's New Spaces Show) to multimillion dollar projects such as Capitol High School, Mount Olive Correctional Center and Major Additions to three of the States VA Hospitals. Mr. Worlledge is a former voting member of the ASHRAE 90.1 Standards committee that forms the basis of the International Energy Code and is the president of the state chapter of the AIA.

NOTABLE PROFESSIONAL ACHIEVEMENTS:

High Performance Design for High Performance Companies

Published in *Executive Source*, Fall 2002

Watt's Next? The Coming Energy Revolution

Published in *West Virginia Executive*, Winter 2004

The Design of Sustainable Environments

Featured Speaker, 1994 National Convention of Architectural Students

Daylighting and HVAC Design

Featured Speaker, ASHRAE West Virginia Chapter

Rebuilding the Future: Recycling and Reuse of Building Materials

Featured Speaker, 2001 Governor's Conference on the environment

Interior Designer

DEB BLAKEMAN, NCIDQ #015070

EDUCATION:

University of Charleston
Bachelor of Arts, Interior Design - 1992

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

**National Council for Interior
Design Qualification:**
NCIDQ #015070

Associate Member:
The American Institute of Architects

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Charleston, WV (2004 to present)

HDMR Group Inc
Charleston, WV (2000-2004)

Custom Office Furniture
Charleston, WV (1994-2000)

University of Charleston
Teacher
Charleston, WV (1997-2000)

Interior Design
Charleston, WV (1992-1994)

Freeland Furniture Company
Charleston, WV (1981-1987)

Interior Reflections
Logan, WV (1980-1981)

SUMMARY OF EXPERIENCE:

Deb Blakeman has 25 combined years of experience in the interior design field including residential, corporate facilities, banks, education and health care projects. She has knowledge and experience with application of ADA regulations, ergonomic standards, state building code and industrial standards as they apply to interior furnishings, space planning and finishes. As a professional designer, Deb Blakeman believes it is important to find the right balance between organizational and individual needs to increase productivity. Improving comforts through lighting and ergonomically sound furnishings will increase employer performance, and efficient spaces will organize work flow, decreasing communication barriers.

NOTABLE PROFESSIONAL EXPERIENCES:

Interior Designer

Marshall University / Robert C. Byrd Biotechnology Center
(Interior Furnishing and Finishes)

Interior Designer

Governor Wise, Governor Underwood, and Governor Caperton / Staff Offices (Furnishings, Finishes, and Space Planning)

Interior Designer

Treasurer John D. Perdue / Unclaimed Properties Division
(Space Planning and Furnishings) / Treasurer's Office and Staff Office (Window Treatments, Furnishings, Finishes, and Space Planning)

Interior Designer / Sales

WV Graduate College (Furnishings)

Interior Designer / Sales

WV Credit Union (Space Planning, Furnishings and Finishes)

Adjunct Professor

University of Charleston

Contract Administration

● DONNA PARCELL

EDUCATION:

Belmont Technical College
Pursuing a degree in Civil Engineering
Technology

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Contract Administration
Wheeling, WV (2005 to present)

The Norwood Company
Field Project Engineer
Allentown, PA (2004-2005)

Ciminelli Construction Company
Assistant Project Manager (2004-2005)
Project Administrator (2001-2003)
Buffalo, NY

Roofer's Local J.A.T.C.
Apprenticeship Coordinator
Wheeling, WV (2000-2002)

N.F. Mansuetto & Sons
Office Manager
Martins Ferry, OH (1999-2001)

Kalkreuth Roofing & Sheet Metal
Payroll Administrator
Wheeling, WV (1996-1999)

Input Data, Inc.
Data Entry Supervisor
Concord, CA (1976-1996)

SUMMARY OF EXPERIENCE:

Ms. Parcell's objective is to make an immediate and proactive contribution to the management team while taking on new challenges as they arise. She is excellent at multi-tasking and setting priorities, is team oriented, and can also work well without supervision.

NOTABLE PROFESSIONAL EXPERIENCES:

Contract Administrator for:

West Virginia University - Colson Hall (\$6 mil. and 34,000 SF)
West Virginia University - Maclin Hall (\$6.2 mil. and 40,500 SF)
Wheeling Island Gaming Center - Compass Room (\$4 mil.)
Bayer Federal Credit Union / Moundsville, WV (\$1.3 mil.)
Mt. St. Joseph Convent Rehabilitation (\$5.5 mil. and 71,000 SF)
West Virginia Northern Community College (various projects)
Marshall County Schools (various projects)

Field Project Engineer - Cabela's Distribution Center
Phases I and II were each \$25 million and 600,000 SF.
Assistant to Sr. Project Manager. AIA billings encompassing 21 contractors, writing and dispersing RFI's, requesting proposals, initiating change orders, coordination of purchase order requisitions between Ohio County Development Authority and contractors. Verifying insurance and bonds, typing contracts, drawing review, submittals, correspondence, supervision of contractors on site. Liaison between Owner and Norwood.

Assistant Project Manager - Wheeling Island Gaming Center
A \$6 million project. Supervision of contractors during flood restoration/new office addition/new bar area/remodel of buffet. Tracking of time/materials and quoted work. Liaison between Owner, Construction Manager, and Wheeling Island.

Assistant Administrator - Wheeling Island Gaming Center
An \$80 million project. Assistant to Sr. Project Manager. Review of AIA billings from 32 contractors, RFI's, invoicing, drawing log, sketch log, meeting minutes, change orders (sub and owner), change issues, contract review, submittals, correspondence, monthly status reports.

ROBERT M. FULLER, P.E.
Principal, Capitol Engineering, Inc.

QUALIFICATIONS

Project Manager with fifteen (15) years of experience with site investigation, planning, design and contract administration services on military, site development and mine reclamation projects. Mr. Fuller has been fully responsible technically, managerially and administratively for the planning, investigation, design and contract document preparation for over fifty (50) projects in the State of West Virginia. Mr. Fuller has served as Associate Professor of Civil Engineering Technology at West Virginia University Institute of Technology on a full-time, part-time and adjunct basis.

CERTIFICATIONS

Registered Professional Engineer – WV, PA, OH
OSHA 40-Hour Health and Safety Training
OSHA Supervisor Training

EDUCATIONAL BACKGROUND

M.S. Engineering, Marshall University Graduate College, 1997
B.S. Engineering Technology, West Virginia Institute of Technology, 1989

PROFESSIONAL EXPERIENCE

Mr. Fuller was principal or project manager for the following West Virginia Army National Guard Projects completed by Capitol Engineering, Inc..

- Joint Interagency Training and Education Center
- Ripley Armed Forces Reserve Center
- Elkins Armed Forces Reserve Center
- Fairmont Armed Forces Reserve Center
- Morgantown Readiness Center
- Kingwood Readiness Center
- Glen Jean Armed Forces Reserve Center
- Summersville Readiness Center
- Lewisburg Readiness Center
- AASF #1 Apron Expansion/Rehabilitation and Taxiway Replacement
- Camp Dawson Runway Extension
- AASF #1 Taxiway Repair
- Camp Dawson Range Renovations
- Williamson Armory Wash Pad and Military Parking
- Camp Dawson Fuel Canopies
- Engineering consultant for the Center for National Response
- Logan County Feasibility Study
- Mingo-Logan Siting Study
- Camp Dawson Chalets Evaluation
- Camp Dawson Rappelling Tower Evaluation
- Ross Property Conceptual Site Layout
- Eleanor AFRC & CSMS Utility Location and Property Staking
- Camp Dawson Qualification Training Range Preliminary Design Drawings
- AASF #1 Lease Boundary Determination and Marking
- Eleanor CHP Rail Spur Layout
- JISOTF Initial Planning Study

PROFESSIONAL AFFILIATIONS

Society of American Military Engineers
American Society of Civil Engineers
American Institute of Architects
Construction Specifications Institute

Resume



Douglas R. Richardson, P.E.
President/Structural Engineer

Education

North Carolina State University, (8/87-5/89).

Masters of Science in Civil Engineering, major in structures and minor in construction.

GPA 4.0/4.0.

West Virginia University, (8/83-8/87)

Bachelors of Science in Civil Engineering.

Ranking: 1st out of approximately 450 College of Engineering graduates. GPA 3.98/4.0.

Professional Registration

Professional Engineer - WV #11699, MS #12349

Maintains active record with NCEES to facilitate prompt registration in additional states as required.

Professional Affiliations

American Society of Civil Engineers

American Concrete Institute

American Institute of Architects, Professional Affiliate

Structural Engineering Institute

Timber Framers Guild



CORPORATE INFORMATION

Firm History

Founded in 1981, McKinley & Associates is a multi-discipline **full service Architectural & Engineering firm**, offering comprehensive **professional services in architecture, engineering, interior design and construction administration**. We have a broad range of skill and experience for projects involving educational, governmental, medical, commercial, religious and recreational operations.

In the past 28 years, **McKinley & Associates** has had extensive experience using **team approach** of bringing multiple firms together to collaborate by utilizing various skills in order to execute a successful project.



Sisters of St. Joseph



Braxton County Senior Center

Firm Information

David McKinley, PE
Principal

Tim Mizer, PE, RA
Director of Operations

Gregg Dorfner, AIA, REFP
Director of Architecture

Brad Crow, PE
Director of Engineering

Date of Incorporation

1981 Wheeling, West Virginia

Number of Professionals

Total Size	40+
Architects & Interns	10
Engineers	6
Contract Administration	4
Quality Control	2
Arch./Eng. Designers	10
Interior Designs	2
MIS	1
LEED Architects	1

Hope VI

Location

Headquarters

The Maxwell Centre
Thirty-Two - Twentieth Street
Suite 100
Wheeling, West Virginia 26003
P: 304-233-0140
F: 304-233-4613

Satellite Offices

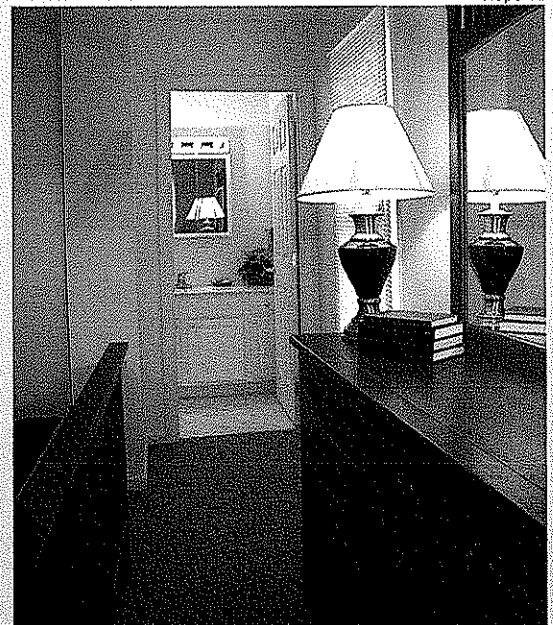
Charleston Area Alliance Building
1116 Smith Street
Suite 406
Charleston, West Virginia 25301
P: 304-340-4267
F: 304-340-4269

Washington Trust Building

6 S. Main Street
Suite 1028
Washington, Pennsylvania 15301
P: 724-223-8250
F: 724-223-8252

Credentials

McKinley & Associates is a member of the following **organizations**:
CEFPI, AWI, WVEDC, AIA, NFPA, NCARB, ASCE, ASPE, BOCA, ASHRAE, ACI International

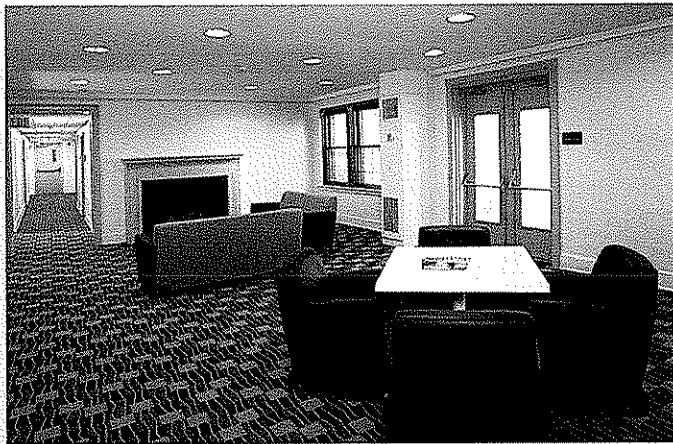


QUALIFICATIONS

Founded in 1981, McKinley & Associates has become generally accepted as the largest A/E firm in West Virginia. We provided design services for projects representing more than \$100,000,000 annually in construction value.

We have a broad range of skills and experience for projects involving medical, religious, educational, government agencies, manufacturers, commercial and recreational operations, as well as developers. In the past 5 years our firm has been awarded 3 prestigious AIA Honor and Merit Awards for our works.

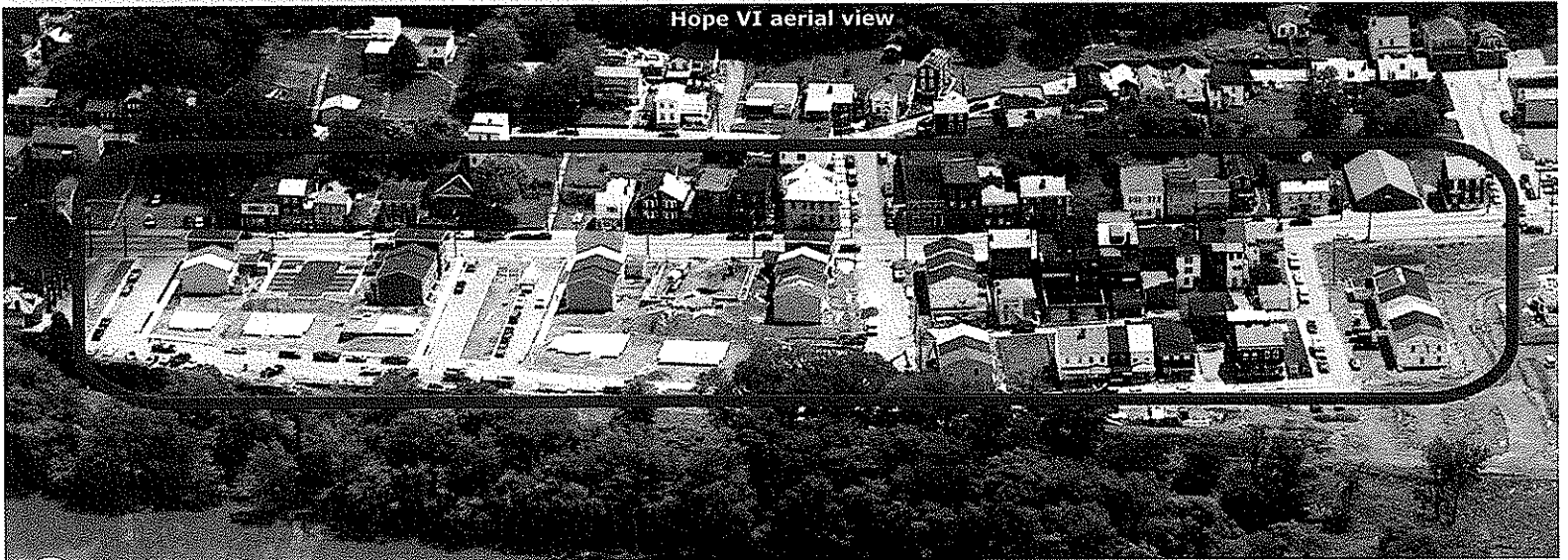
We are familiar with residential-type structures, and we have even won an AIA West Virginia Merit Award for Hope VI North Wheeling. We understand your 3000 SF visitors quarters require separate sleep quarters for each individual and a common meeting space, kitchen and laundry space. We are able to design the three independent structures, which will each billet 8 Senior Officers.



Maclin Hall

As West Virginia's largest A/E firm, our 40+ person Professional staff includes: Architects; Civil, Electrical, Plumbing & Fire/Life Safety, Mechanical and Structural Engineers; Interior Designers and Recognized Educational Facilities Planners. We have provided professional services in all 55 counties of West Virginia.

Hope VI aerial view

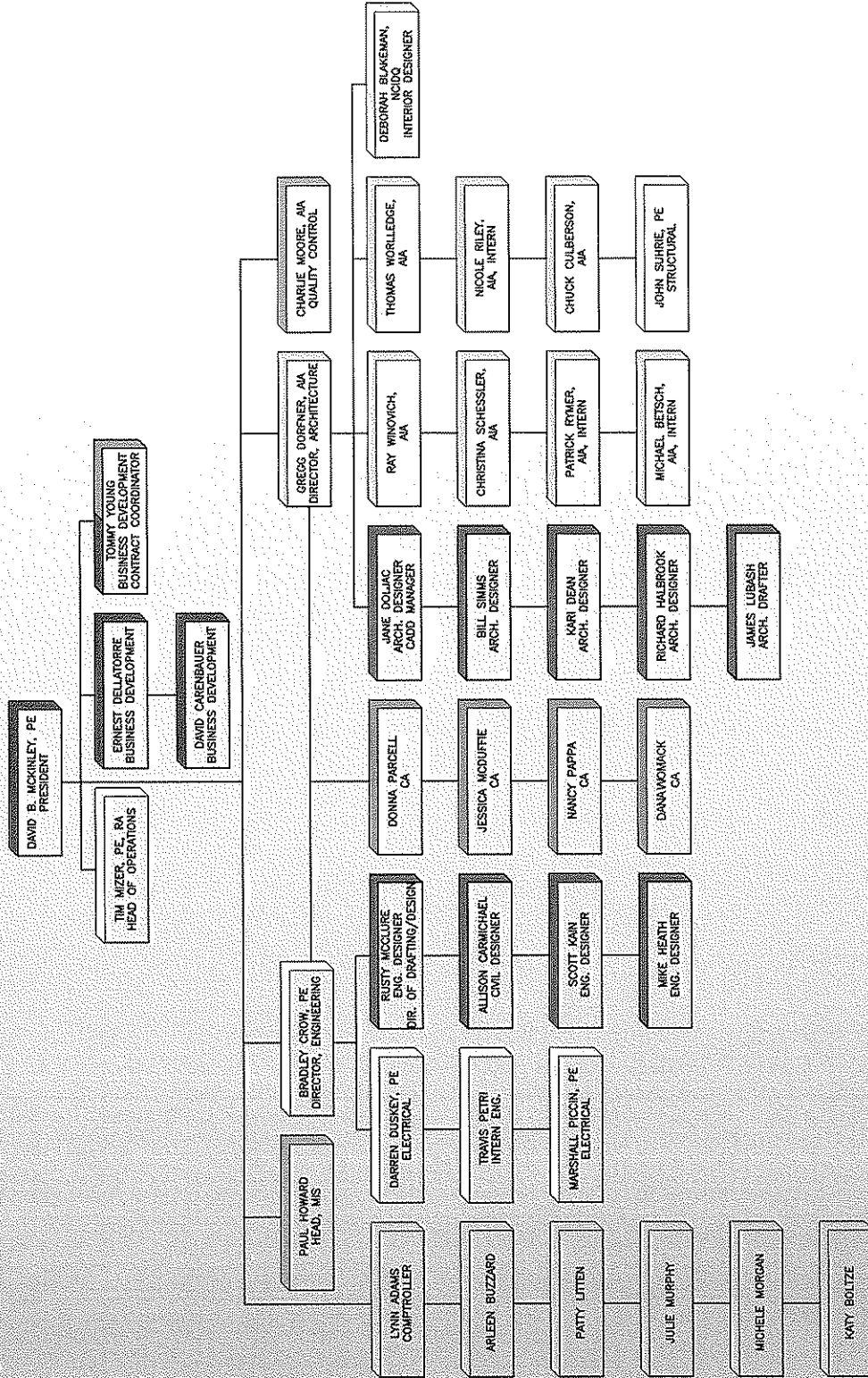


ORGANIZATION CHART

REVISED 2-9-2009

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

ORGANIZATION CHART



INTERIOR DESIGN

Basic interior services begin with a strategy session designed to determine the owner's project requirements, timetable and budget.

The interviews will include analyzing space requirements, operating procedures, communication relationships and future needs. Inventory of existing conditions are used to develop accurate drawings and plans.

Application of current ADA and building codes will be applied to the developed plans for way finding (signage, directories, fire escape plan), furnishings and finishes. Attention to budget and maintenance is given in relationship to owner needs.

Construction documents required to detail the project include schedules, elevations, plans, presentation boards and specifications.

To maintain coordination, the follow up contract administration consists of submittal review, post construction evaluation and coordination of FF&E contracts when applicable.



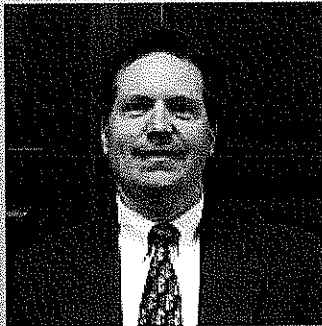
Deb Blakeman, NCIDQ #015070, is knowledgeable and has experience with application of ADA regulations, ergonomic standards, state building code and industrial standards as they apply to interior furnishings, space planning and finishes. Improving comfort through lighting and ergonomically sound furnishings will increase employee performance. Efficient spaces aid in organization, and work flow, by decreasing communication barriers.

SUSTAINABLE DESIGN

Buildings designed today will need to meet the demands of the future; McKinley & Associates identifies the changes necessary in the design of today and to meet these demands. This approach helps to retain the buildings' long-term profitability and value, which achieves the buildings' **sustainability**.

McKinley approaches ecological design from a business perspective, offering proactive solutions to complex problems such as indoor air quality, energy efficiency, resource depletion, and water quality. With commercial and institutional project experience, the McKinley Team can work alongside local designers to provide sustainable design and construction guidance. We also offer full architectural design services and guided design workshops on sustainable design issues.

LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ developed by the U.S. Green Building Council (USGBC) is the nationally accepted standard for the design, construction, and operation of high performance green buildings. LEED recognizes that sustainable design requires a team approach to achieve the desired goals. McKinley has LEED Accredited Professionals on staff along with our skilled architectural/engineering team to efficiently and cost effectively achieve certification under this standard or we can guide you through the process in order to develop sustainability goals specific to your project.



Thomas R. Worlledge, AIA, LEED AP, REFP has been a member of the USGBC since 2001. He was the first LEED Accredited professional in the state of West Virginia and has served on the committee that sets the standards for the international energy code.

McKinley & Associates

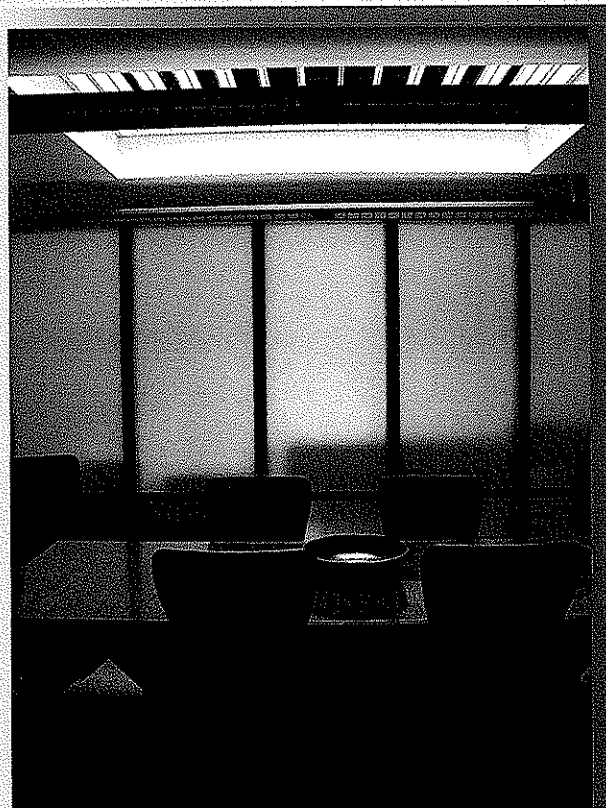
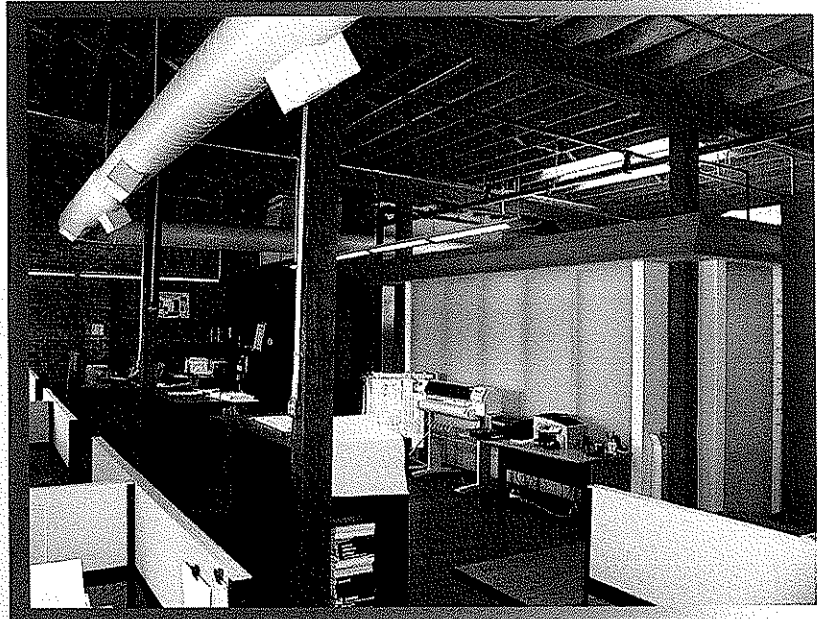
CHARLESTON OFFICE

Besides the paint, what makes this office "green"?

McKinley & Associates has been practicing "green" for years and has won awards for converting unused warehouse space into striking modern office buildings. One of the best ways to build green is to adapt an existing building; twenty percent of a building's energy consumption is embodied in the building's physical structure itself.

In our newly renovated Charleston Office, the first thing you will notice is we left most of the existing structure exposed. This minimizes the amount of new materials required to define the space and allowed us to utilize some special features. For example, our centrally located conference room "Lantern" glows all day long from natural sunlight from above. This room's ceiling acts as a reflector, bouncing natural light throughout the space.

In addition to reusing the space, we also reused doors to make all of the desks, workstations and conference table. The top of the dividers is made from "Homosote", a board made from 100% recycled newspapers and covered with a fabric made from 100% recycled polyester. An office full of unique, durable office furniture for less than 1/10th of the cost of standard modular furniture is another advantage.



The office chairs are new, but the "Zody" chair by Haworth is the first chair to be Cradle to Cradle Gold Certified. This certification means that the manufacturer will take back the chair at the end of its useful life to disassemble and make a new chair, completing the cycle.

Yes, the paint on the walls is green, but it also has very low volatile organic compounds (VOC's) which keeps the air we breathe cleaner, and contains an anti-microbial which inhibits the growth of mold and mildew.

Most of the floor we chose to clean and seal with water based polyurethane, leaving the natural distressed state of the floor. The remainder of the space, we used a carpet tile by LEES which minimizes waste, has 35% recycled content and is Green Label Certified, meaning it meets stringent indoor air quality requirements.

The window blinds allow the control of glare while maintaining the view and minimizing heat gain. The direct/indirect lights are controllable so we can adjust the amount of electric lighting dependant on the amount of natural light coming in from the windows and the skylight. Even the bowl on the conference room table is recycled from the original fire bell that used to be on the exterior of the building.

CLIENT TESTIMONIALS

Steve Tucker Lt. Colonel

West Virginia State Police

"McKinley & Associates listens well to our staff's programming needs, and develops cost efficient design for us throughout the state."

David Sneed Architectural Director

School Building Authority

"Their projects continually come in on time, under budget, and the quality of their documentation is greatly appreciated."

REFERENCES

Mr. Robert Moyer
Maclin Hall
State Fire Training Academy
West Virginia University
979 Rawley Lane
Morgantown, WV 26506
304/293-2873

Lt. Col. Steve Tucker
West Virginia State Police
4124 Kanawha Turnpike
South Charleston, WV 25309
304/746-2253

Mr. Don Mackey
United States Postal Service
Facilities Service Office
Post Office Box 27497
Greensboro, NC 27495-1103
336/665-2894

Mr. Robert Herron
Wheeling Island Fire Station
City of Wheeling
1508 Chapline Street
Wheeling, WV 26003
304/234-3617

Mountaineer Challenge Academy

WV ARMY NATIONAL GUARD

Kingwood, West Virginia

Owner
West Virginia University

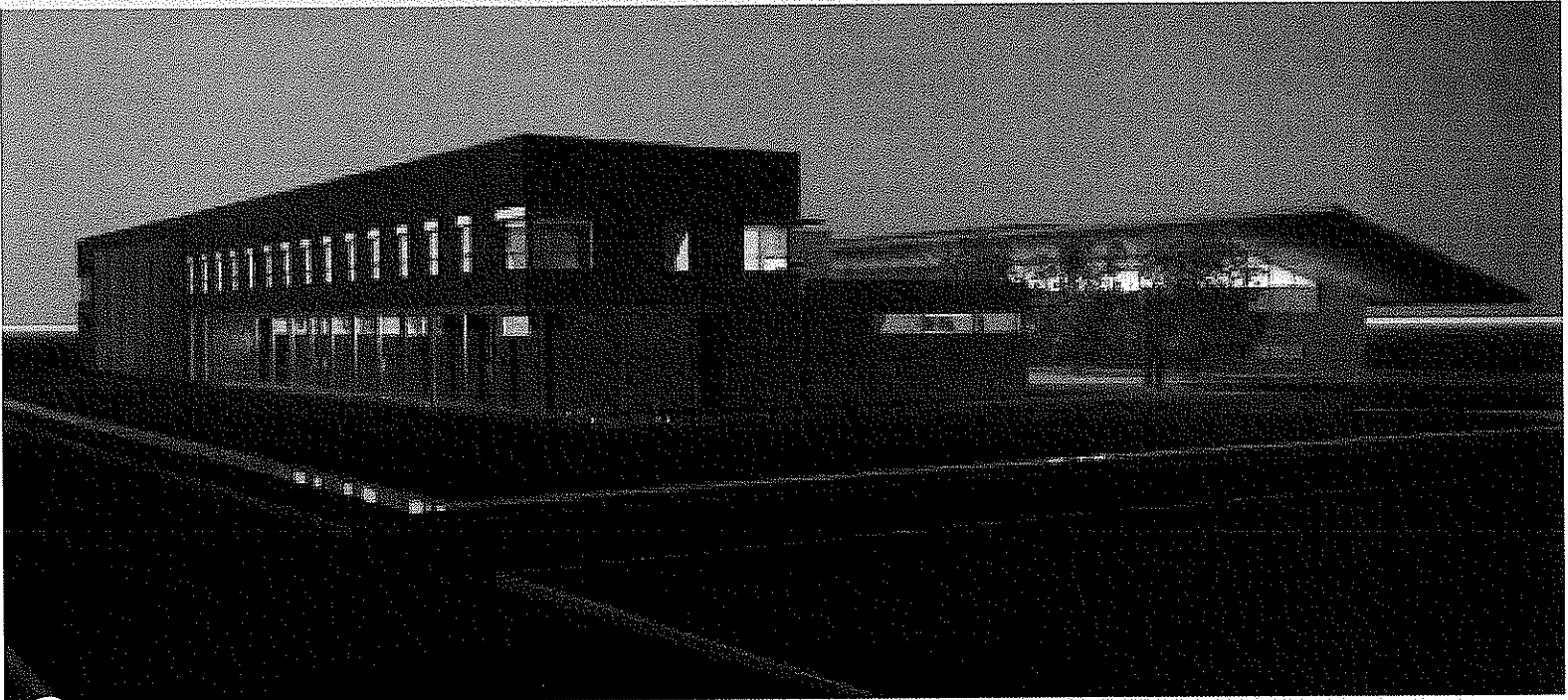
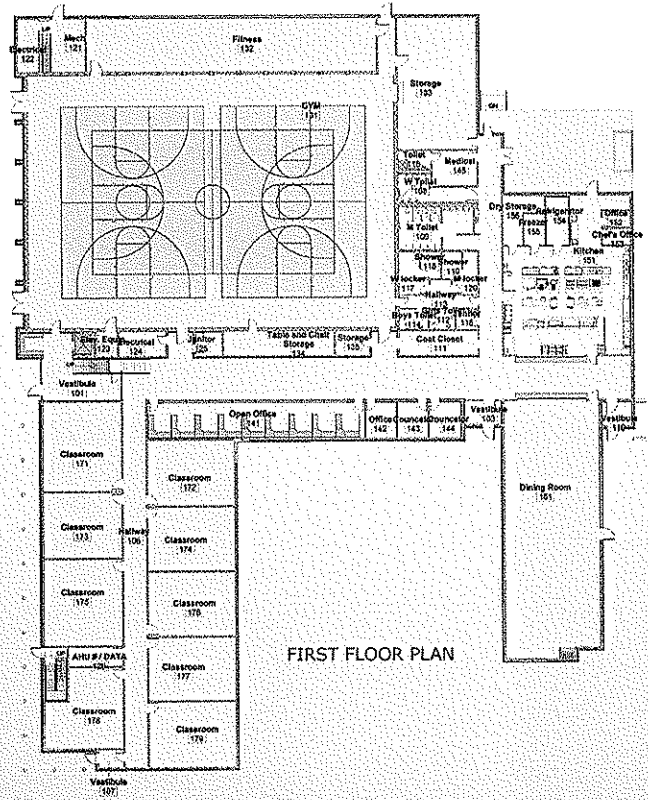
Size
54,800 SF approx.

Construction Cost
\$12.3 mil.

Project Architects
Hamid Noughani

Project Engineers
McKinley & Associates

Currently under construction is the \$12.7 million Mountaineer Challenge Academy. This 54,800 SF building is located at Camp Dawson in Kingwood, WV. Our involvement in this project includes MEP engineering and contract administration.



HOPE VI



Wheeling, West Virginia

Owner
TCB Home Builders, LLC

Size
60,000 SF

Construction Cost
\$8.9 million

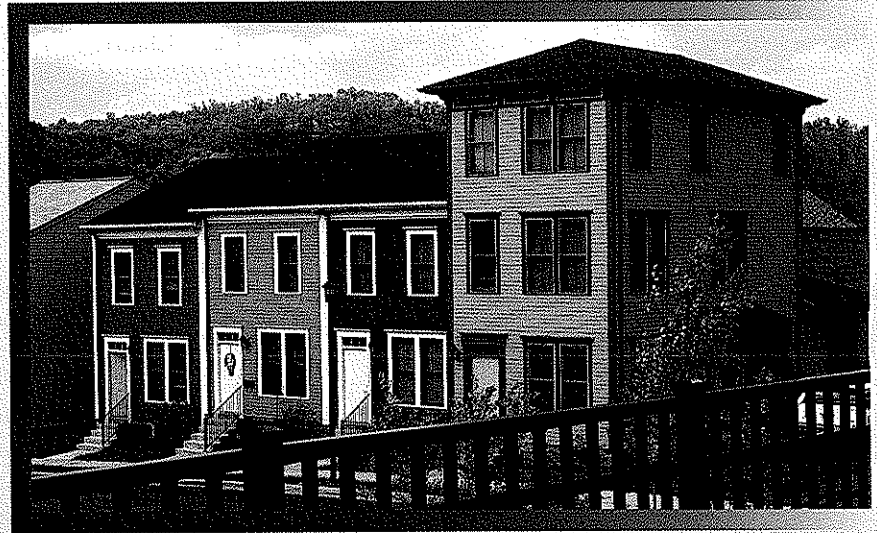
Project Architects-Engineers
McKinley & Associates

Project Architect
Charles T. Moore, AIA

Contractor
Walters Construction

The Project was designed to complement the surrounding North Wheeling historical district. It was inspired by the Italianate and Classical styles, as well as row houses along Main Street and other local Victorian neighborhoods.

The trees lining the wide streets and the incorporation of gazebos create a pleasant neighborhood feeling. This mix of 68 apartments, duplexes and single-family homes with the Community Center offer a traditional neighborhood setting.



Institute of Technology: Maclin Hall

WEST VIRGINIA UNIVERSITY

Montgomery, West Virginia

Owner

WV Institute of Technology
West Virginia University

Size

53,900 SF approx.

Construction Cost

\$6 mil.

Project Architects-Engineers

McKinley & Associates

Project Architect

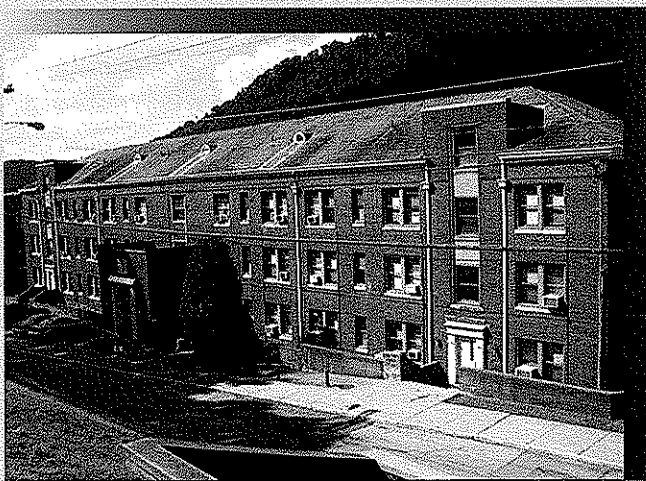
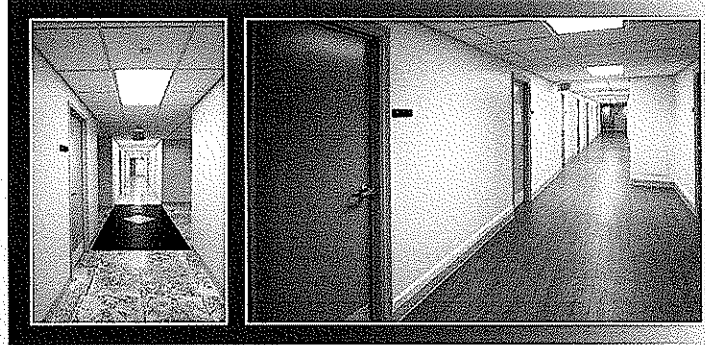
Thomas R. Worlledge, AIA

Contractor

Wiseman Construction

A comprehensive renovation to the historic Maclin Hall dormitory on the campus of WV Tech in Montgomery, WV. The project was **designed in less than a month**, and included redesigning the shared areas, new finishes, new roof, and restoration of the exterior. We also replaced the entire HVAC, lighting, fire protection, data systems and renovated the shared restrooms.

This project was fast-tracked throughout the summer of 2007, so the building could be occupied by students for the start of the 2007-2008 school year.



State Fire Training Academy WEST VIRGINIA UNIVERSITY

Jackson's Mill, West Virginia

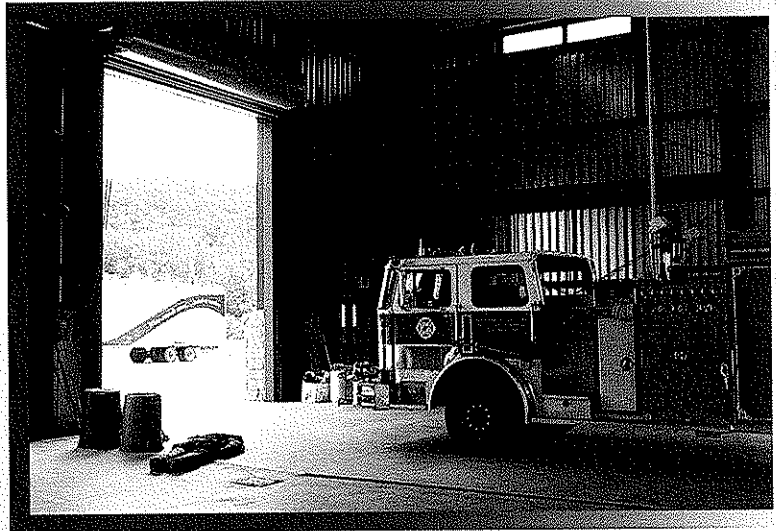
Owner
West Virginia University

Size
25,752 square feet including
the 8,300 sq. ft of the Arena

Construction Cost
\$4.5 mil.

Project Architects-Engineers
McKinley & Associates

Project Architect
Christina Schessler, AIA

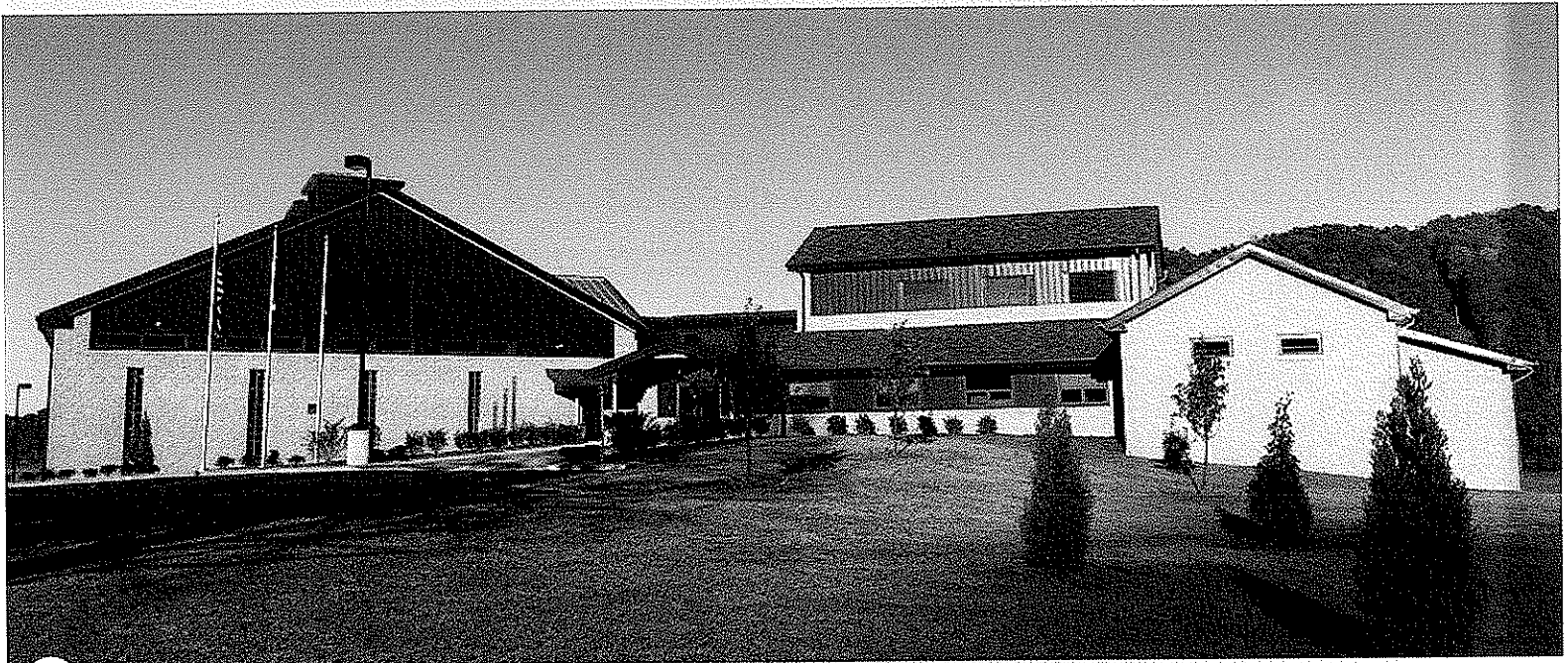


The West Virginia State Fire Training Academy is located near the Jackson's Mill 4-H Campus in Lewis County, WV. Because of the proximity to this state historic site, the design directive given by the Owner was to blend into the rural community. The exterior brings to mind a barn set into the sloping terrain in an agricultural setting.

There are two major components to the building; the first of these is the Classroom Wing. It contains a distance learning facility, a conference room, plus two other connected instructional spaces that allow for a range of

class sizes. The administrative area is private but easily accessible from all classrooms.

The second component, the Arena, is an all-weather interior training facility. The scale of this structure, having a clear interior height greater than 30', allows the full extension of authentic fire training apparatus for various types of hands-on programs. A custom metal building skeleton with a board & batten metal skin was designed. The siding is representative of rural, vertical barn siding and serves as an integrating element throughout the large complex.



WHEELING ISLAND FIRE STATION

Wheeling, West Virginia

Owner
City of Wheeling

Size
8,000 SF approx.

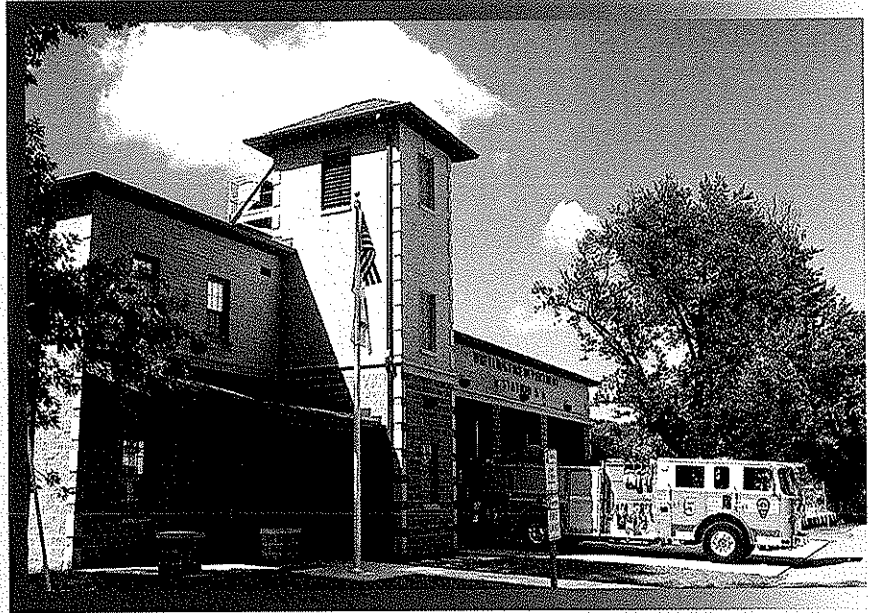
Construction Cost
\$1.3 mil.

Project Architects-Engineers
McKinley & Associates

Project Architect
Christina Schessler, AIA

Contractor
Walters Construction

The **Wheeling Island Fire Station** proved to be a very exciting and interesting project for **McKinley & Associates**. Currently, the **Fire Station** is nearing completion and will be occupied by the **Wheeling Fire Department's Engine Company No. 5**.



WHEELING ISLAND HOTEL • CASINO • RACETRACK

Wheeling, West Virginia

Owner

Delaware North Companies
Gaming & Entertainment

Size

40,000 SF approx.

Construction Cost

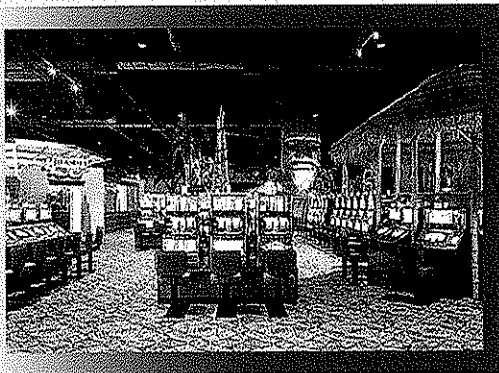
\$6 million

Project Architects-Engineers

McKinley & Associates
JCJ Architects

Wheeling Island Hotel Casino Racetrack is a prime example of exciting entertainment with class, various events including dog racing, live performances and excellent accommodations.

McKinley & Associates is proud to have participated in creating this state of the art gaming facility and hotel by teaming up with JCJ Architects. Our involvement in this project included engineering and construction administration.



BRAXTON COUNTY SENIOR CENTER

Gassaway, West Virginia

Owner
Braxton County Senior Citizen Center, Inc.

Size
13,550 SF approx.

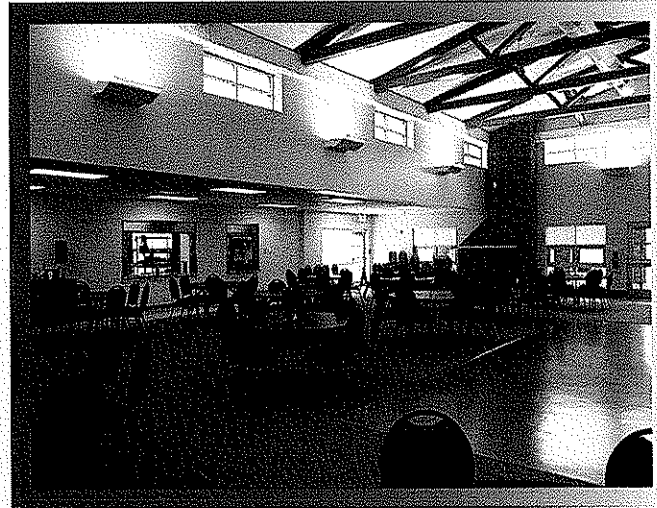
Construction Cost
\$2.8 million

Project Architects-Engineers
McKinley & Associates

Project Architects
Christina Schessler, AIA
Patrick Rymer, Assoc. AIA

Contractor
Flint Construction Co.

Architectural and Engineering design for a senior citizen center in Gassaway, West Virginia. The building measures 13,550 SF. Included in the structure are the following: **community spaces, dance floor, storage areas, kitchen, flex space, along with office spaces.**



Convent Renovation Project

● SISTERS OF ST. JOSEPH

Wheeling, West Virginia

Owner
Sisters of St. Joseph

Size
71,000 SF approx.

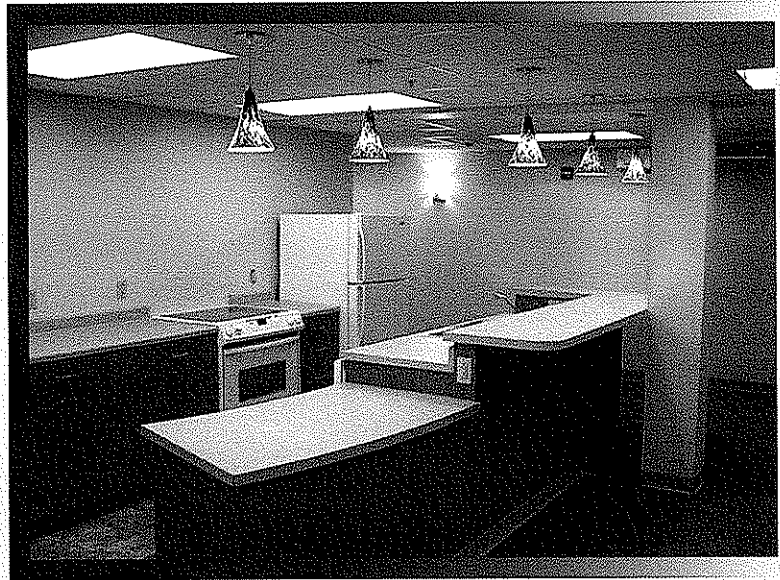
Construction Cost
\$5.5 mil.

Project Architects-Engineers
McKinley & Associates

Project Architects
Denis Gill, AIA
Joseph Touvell, Assoc. AIA

Contractor
Cattrell Construction

Currently in the construction phase is the rehabilitation project of the **Mount Saint Joseph's Convent** in **Wheeling, WV**. The project budget for this 71,000 SF facility is approximately **\$5.5 million dollars**.



SERBIAN-AMERICAN CULTURAL CENTER

Weirton, West Virginia

A 24,000 SF masonry building featuring a meeting/reception room to seat 650 people, as well as a large commercial kitchen, lounge and gymnasium. This \$2 million dollar project also included full locker rooms to serve the gym as well as storage areas and offices to support the building staff. All architecture, engineering and site design work by our firm.

Owner
State of West Virginia

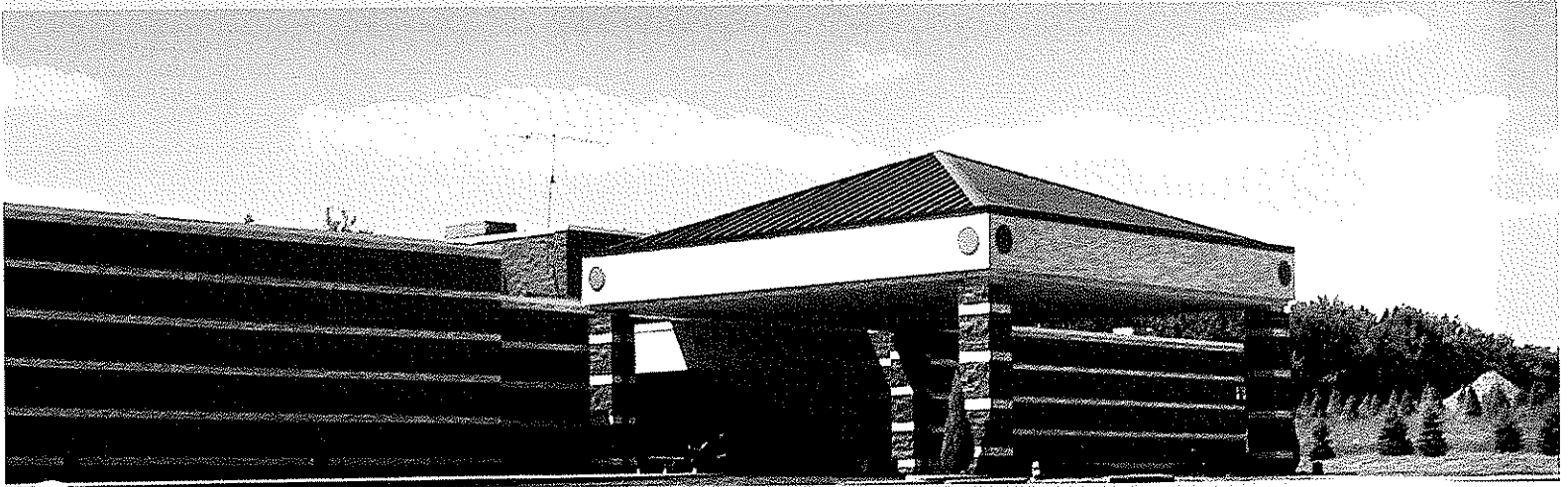
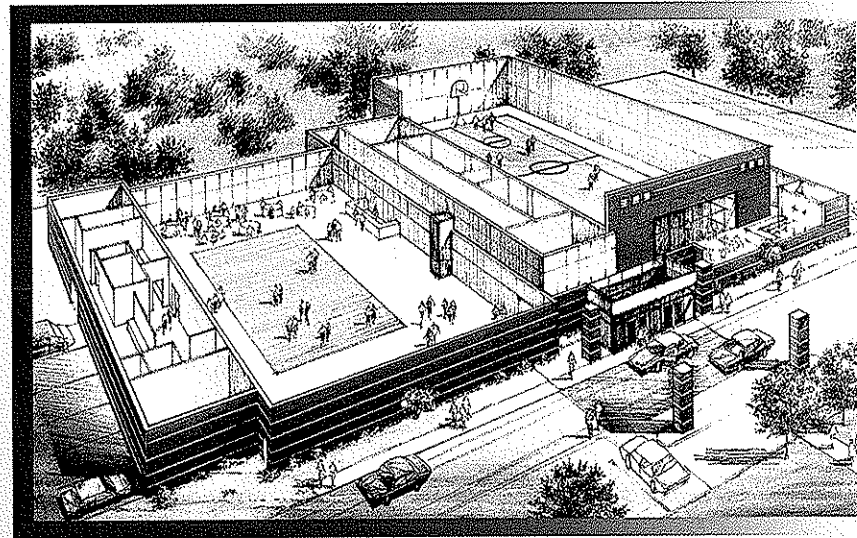
Size
24,000 SF

Construction Cost
\$2 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Charles Moore, AIA

Contractor
Walters Construction



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

CHILDREN'S HOME

Wheeling, West Virginia

Owner

Children's Home of Wheeling

Size

10,000 SF approx.

Construction Cost

\$1.4 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Charles Moore, AIA

Contractor

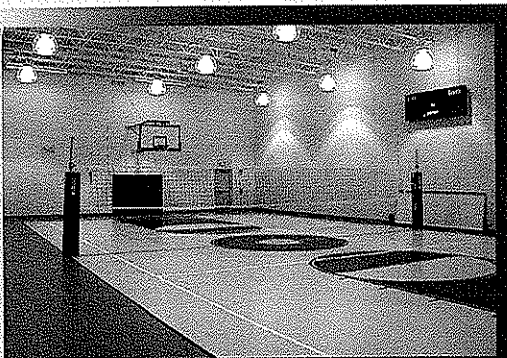
Walters Construction

This in-fill building was designed to add to the two existing cottages on the campus of the Children's Home of Wheeling. The new space provided additional bedrooms, offices, storage areas and a gymnasium. This building had to accomplish two design criteria, first it had to fit into the existing designs and colors of the cottages and the main building which we designed four years ago and secondly, and just as important, it was in a single family neighborhood environment.

BEFORE



AFTER



UNITED STATES POSTAL SERVICE

Owner

United States Postal Service

Construction Cost

These projects were completed under a multi-year open-ended agreement

Project Architects-Engineers

McKinley & Associates

McKinley & Associates has designed over 100 Post Offices throughout West Virginia for ADA compliance. We currently are under our second multiple year open-ended contract with the United States Postal Service and we provide design services all over West Virginia. We have designed over 15 other Post Office facilities and engineering projects for the USPS, both new and addition / rehabilitation, in numerous cities within West Virginia.



● WEST VIRGINIA STATE BUILDING

Weirton, West Virginia

Owner
State of West Virginia

Size
39,500 SF

Construction Cost
\$4 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Gregg Dorfner, AIA

Contractor
Walters Construction

Architectural and Engineering design on a new building in Weirton, West Virginia. The building measures 39,500 SF. Included in the structure are the following departments: judicial offices along with storage and office space.



WEST VIRGINIA STATE POLICE

Owner

West Virginia State Police
4124 Kanawha Turnpike
S. Charleston, WV 25309
P: 304/746-2253



Construction Cost

These projects were completed under a multi-year open-ended agreement

Project Architects-Engineers

McKinley & Associates

The 11,721 SF new detachment in Morgantown, West Virginia included the following departments: DMV, MVI, BCI & regular squad space.



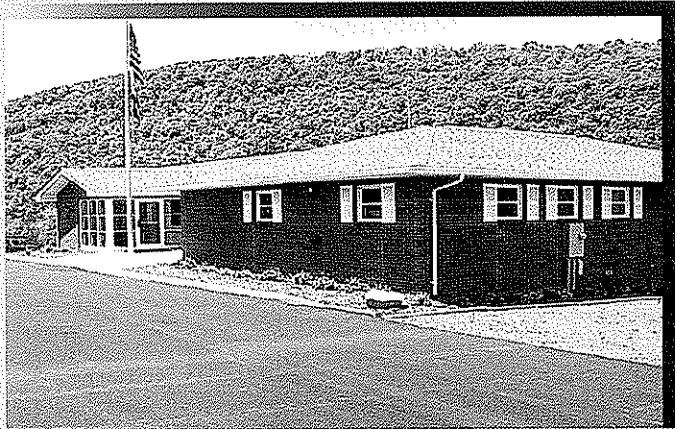
New detachment in Wheeling, West Virginia. The building includes the following departments: DMV, MVI, Interstate Patrol, Drug Enforcement, BCI & regular squad space.



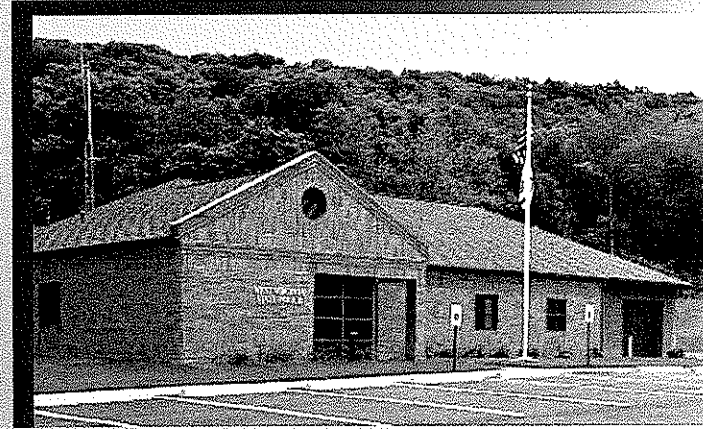
McKinley & Associates completed architectural and engineering design services on new detachments in Morgantown, Wheeling and Berkeley, West Virginia. Moreover, we also have completed numerous renovations as well as additions on police detachments throughout the State.

McKinley & Associates is proud to showcase continuous work for the West Virginia State Police throughout our region, and we are pleased to say that we have also surveyed, reviewed, projected, budgeted, and documented 72 police facilities throughout the state.

Architectural and Engineering design for new addition and renovations to the detachment in Pendleton, West Virginia. Included in the structure are the following departments: DMV, BCI, 911, & regular squad space.



A new detachment in New Cumberland, West Virginia included the following departments: DMV, MVI, BCI & regular squad space.



GOVERNMENT-FUNDED EXPERIENCE

Mckinley & Associates has extensive design experience in a variety of federally funded projects ranging from HUD-Housing projects to the DOD- Air Force F-16 jet fighter heat shields to NASA's Classroom of the Future.

We have also provided Services to the State of West Virginia, the State of Ohio, and to the Commonwealth of Pennsylvania. We have completed work for numerous counties and cities throughout these states.

The following are the federal agencies we have designed for in the past:

NATIONAL AERONAUTIC AND SPACE
ADMINISTRATION

UNITED STATES POSTAL SERVICE

DEPARTMENT OF DEFENSE

VETERANS ADMINISTRATION

ECONOMIC DEVELOPMENT ADMINISTRATION

DEPARTMENT OF HOUSING AND URBAN
DEVELOPMENT

FEDERAL AVIATION ADMINISTRATION

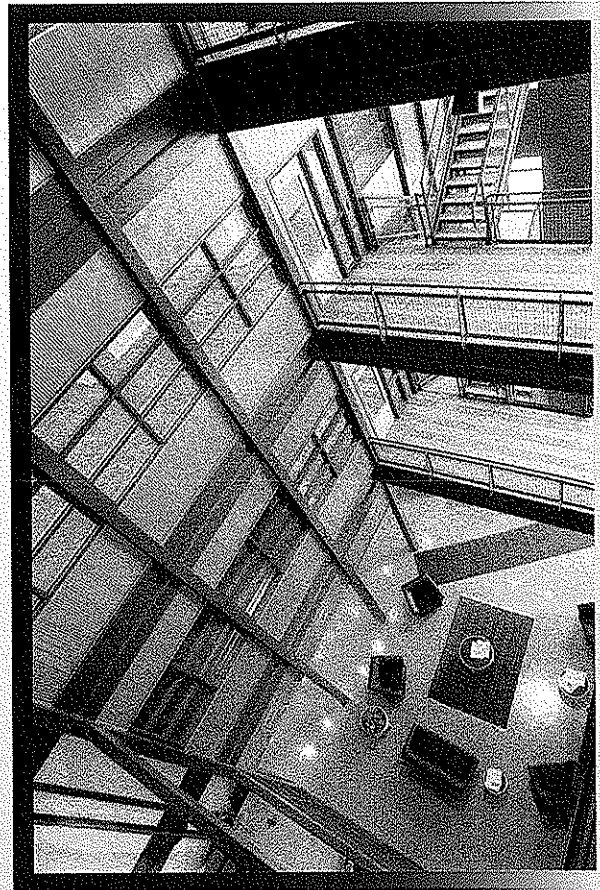
MINE SAFETY AND HEALTH ADMINISTRATION

This list represents a brief history of some of the more current projects:

**UNITED STATES POSTAL SERVICE
State of West Virginia**

Designed over 100 Post Offices throughout West Virginia for ADA compliance. We currently are under two open-ended contracts with USPS and provide design services all over West Virginia.

We have designed over 15 other building and engineering projects both new and addition / rehabilitation in numerous cities in West Virginia.



**NASA / WHEELING JESUIT COLLEGE
"CLASSROOM OF THE FUTURE"
Wheeling, West Virginia**

45,000 SF high-technology center, responsible for all engineering design. Work included mechanical, electrical, structural and civil engineering.

GOVERNMENT-FUNDED EXPERIENCE

WEST VIRGINIA HIGH-TECH CONSORTIUM Fairmont, West Virginia

Engineering of a 3 building complex in Fairmont, West Virginia. Is the home to many technology firms. Total project size 77,000 SF.

DEPARTMENT OF DEFENSE, UNITED STATES AIR FORCE Ogden, Utah

Reverse engineering of the F-16 fighter jet heat Shield. Worked directly with Hill Air Force Base in Ogden, Utah. Had them manufactured at West Virginia's Follansbee Steel.

STATE BUILDING Weirton, West Virginia

Incorporated a state of the art multi governmental agency into one using 39,500 SF space with the cost of \$4 million to building. Work included master plan and all architectural and engineering components.

VETERANS ADMINISTRATION Numerous Locations

PITTSBURGH, PA

- Central Computer Facility
- Fire Suppression System
- Mechanical Equipment Modifications

CLARKSBURG, WV

- Door replacement program

BECKLEY, WV

- Central Computer Facility
- Nurses Station
- Veterans' Hospital
- Same Day Surgery Suite
- Oncology Addition

HUNTINGTON, WV

- Medical Vacuum System

MARSHALL COUNTY COMMISSION Marshall County, West Virginia

Work included a new Magistrates Building. Project includes new offices, courtroom and hearing rooms in a secure environment.

NATIONAL TECHNOLOGY TRANSFER CENTER / WHEELING JESUIT UNIVERSITY Wheeling, West Virginia

85,000 SF, high-technology center. Responsible for engineering element. Designed in conjunction with WTW of Pittsburgh.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

GOVERNMENT-FUNDED EXPERIENCE

DEPARTMENT OF HOUSING & URBAN DEVELOPMENT

Numerous locations

We have worked with the HUD funding and review process in the design and construction of housing and modernization and ADA projects:

\$11.1 million Hope VI neighborhood project.

Over 138 homes designed and constructed on two sites.

\$1 million modernization project for the Moundsville Housing Authority

2.5 story elderly housing projects, responsible for all engineering

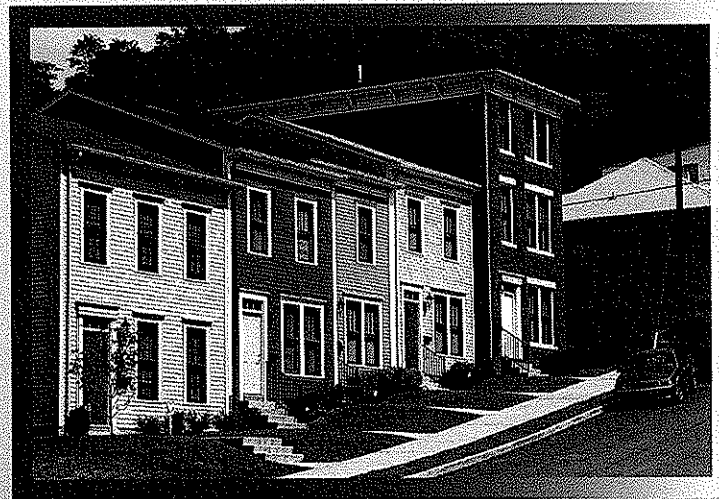
Rehabilitation of a historic building for Northwood Health Systems

Numerous renovation and site development projects for the Wheeling Housing Authority, Benwood Housing Authority, McMechen Housing Authority, Fairmont Housing Authority and Morgantown Housing Authority.

OHIO COUNTY AIRPORT MASTER PLAN

Ohio County, West Virginia

Prepared a master plan study for the Ohio County Commission regarding future use of adjacent land around the Wheeling - Ohio County Airport. Work included proposed building sites as well as road circulation.



Introduction

Capitol Engineering, Inc. (CEI) proposes to perform civil engineering and surveying services for the West Virginia National Guard to develop engineering plans, and specifications for the Senior Visitors Quarters at Camp Dawson. We have experience planning, designing, specifying, preparing contract documents, bidding and performing contract administration on many types of military facilities including Readiness Centers, Airfields, Training Areas and Ranges. Our experience and resources give us the ability to handle both complex and routine projects.

Why CEI?

CEI offers the highly specialized experience, attention to minute detail, and the unparalleled level of personal client support provided by a small boutique firm. We are particularly attractive because:

- Our management, engineering and professional staff has a combined total of over 120 years of experience – much of it acquired while working on military facilities.
- Staff has participation and completion of 30 National Guard projects in West Virginia.
- Management team has 30+ years and over 50 projects total specialized experience providing timely, cost effective construction documents for military facilities.
- Experience to successfully handle all design situations and problem types anticipated to occur under this contract.
- Construction and Facilities Maintenance Office satisfaction with prior work/projects performed by key staff members.

CEI Overview

Capitol Engineering is a locally owned consulting engineering firm founded in 1999. CEI has steadily grown since its inception with three employees. CEI possesses in-house services in civil, environmental and mining engineering, contract administration, and surveying and mapping. Our staff is made up of two Professional Engineers, a Professional Surveyor, Project Engineers and Scientists, CAD Operators, Technicians, and administrative personnel. Our client base is comprised of contractors, architects, engineers, developers, private industry, and federal and state agencies. A complete list of services is as follows:

Civil Engineering

*Geotechnical Engineering
Project Management
Rail Siding Design
Roadway Design
Site Development & Grading Plans
Siting Studies
Slope Stability Analysis
Stormwater Systems
Wastewater Treatment Systems*

Environmental Engineering

*Environmental Due Diligence
Environmental Site Reviews
Erosion & Sedimentation Control
NPDES, GPCC, SPCC Plans
Solid Waste & Landfill Design
Stormwater Management Plans*

Construction Administration

*Bid Analysis & Management
Construction Observation
Damage Settlement
Submittal Review*

Surveying & Mapping

*Control Surveys
Floodplain Studies
GPS Surveys
Mineral Reserve Surveys
Planimetric Surveys
Quantity Determination Surveys
River & Lake Soundings
Topographic Survey*

Mining Engineering

*Abandoned Mine Land Reclamation
Acid Mine Drainage Passive Treatment
Geologic & Hydrologic Evaluations
Mine-Related Subsidence Investigations
Mining Permits, Modifications, & IBR's
Reclamation Liability Audits
Surface Mine Surveying & Mapping*

WHY CHOOSE CAPITOL ENGINEERING?

Capitol Engineering is 100% employee-owned and operated and is committed to providing the highest quality of services to our clients. Our mission is to help clients achieve their objectives in the most intelligent and cost-effective manner.

Project Management Organization Structure

A project manager is assigned to manage a project from inception to completion rather than having the project pass from one section or department to another as is typical in many other firms. The project manager maintains continuity and has direct responsibility to guide the project through all its phases, ensuring client's schedules and budget goals are met. Clients benefit from dealing with one individual who is knowledgeable of all facets of the project and can be responsive in an integrated and comprehensive manner to any change or problem that may arise.

Quality Control Procedures

CEI is committed to providing only the highest quality of services to our clients. To achieve this, a project manager undergoes a review at or near the end of each major phase of work. This review is facilitated by the project manager and is conducted by other project team members as well as others not directly involved with the project. Highly technical or complex projects will be subjected to a "peer review" by another engineering firm, with the client's permission.

Commitment and Dedication

CEI's mission is to help clients achieve their objectives by providing highly responsive, technically excellent and cost-effective services. We provide these services so members of our project team can achieve their professional and career objectives in an enjoyable work environment.

PROJECT EXPERIENCE



Project Title

Army Aviation Support Facility #1
Apron Expansion/Rehabilitation
and Taxiway Replacement

Site Location

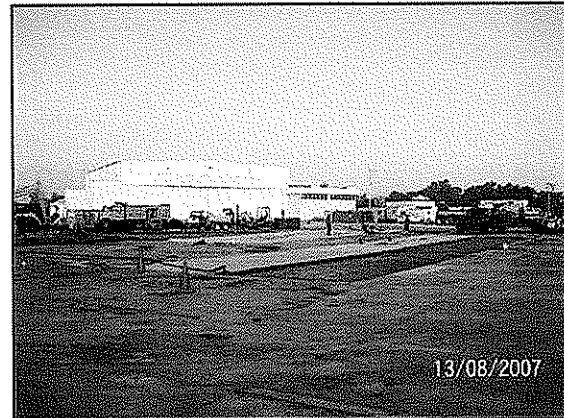
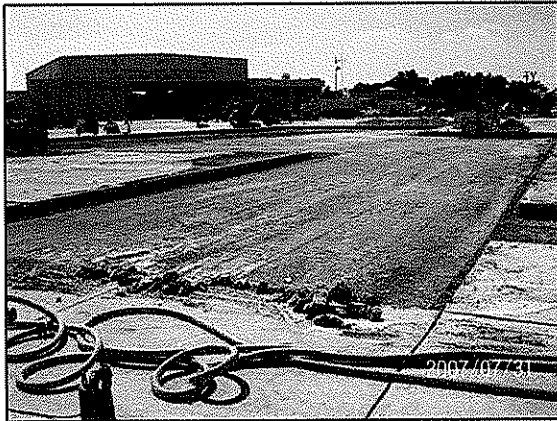
Wood County Airport
Parkersburg, West Virginia

Owner

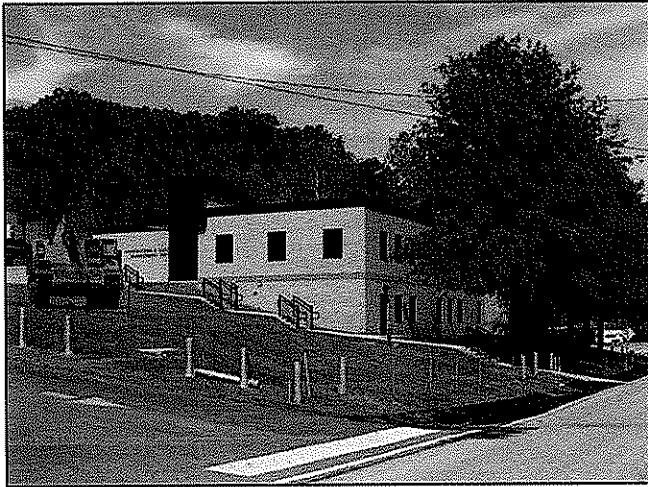
West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

Capitol Engineering, Inc. (CEI) was selected by the West Virginia Army National Guard to perform upgrades and renovation of the Army Aviation Support Facility #1. The project involved replacement of the existing taxiway, rehabilitation of the existing concrete apron, and expansion of the apron. Site investigation services included surveying and mapping, inspection of existing facilities, and a limited geotechnical investigation to support pavement design for the taxiway. CEI prepared design and construction documents for this project and performed Site Observation and Contract Administration for the client. Total project cost was \$2,500,000.



PROJECT EXPERIENCE



Project Title

C&FMO Office Expansion
Site and Civil Design

Site Location

WV National Guard Complex
Charleston
Kanawha County, WV

Owner

West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

The Construction and Facilities Management Office Expansion consisted of the construction of a 12,000 square foot office building, 6,000 square foot maintenance area, and renovations to the existing Armory Board office at the Coonskin Drive National Guard Complex. Capitol Engineering, Inc. performed the site investigation and site/civil design portions of the project. Total project cost was \$2,600,000.

The project included the following design elements:

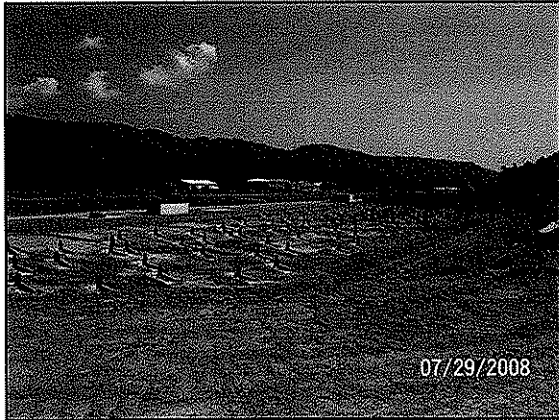
1. Parking area, walkways, stairs and general site features
2. Utilities and an oil/water separator for the maintenance facility.

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Utility and construction easements



PROJECT EXPERIENCE



Project Title

Camp Dawson
Lower Range Renovations

Site Location

Kingwood, Preston County, WV

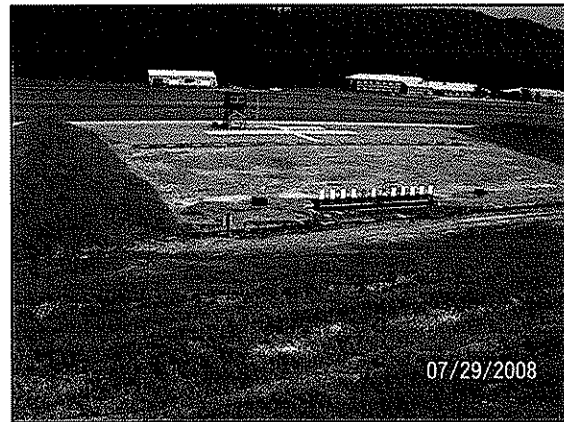
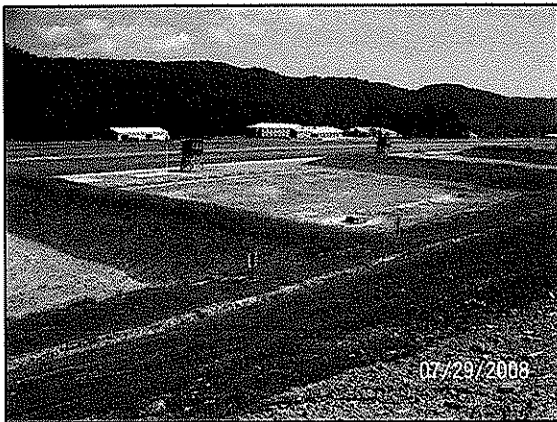
Owner

West Virginia Army National Guard
Construction and Facilities Management Office

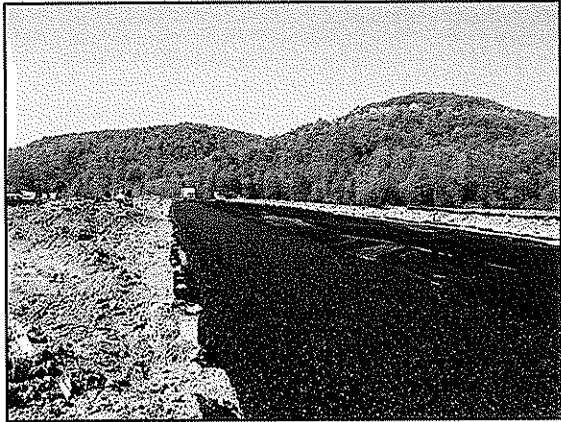
Project Description

CEI prepared the plans for renovations to the Small Arms Range Complex at Camp Dawson Army Training Site. The project required the development of a comprehensive Range Master Plan. CEI facilitated the plan development and served on the Master Planning Committee along with personnel from the WVARNG Facilities Management Office, Camp Dawson Operations, and the Post Engineer.

CEI performed site investigation services which included surveying and mapping, inspection of existing facilities, and a limited geotechnical investigation. CEI developed design and construction documents for this project. The most significant upgrades to the facility included a new Combat Pistol Qualification Course and a new 25-meter rifle range. The project also included the design of range support facilities including observation towers, storage buildings, a classroom/latrine building and the extension of utilities from main post. Total project cost was \$1,250,000.



PROJECT EXPERIENCE



Project Title

Camp Dawson
Runway Extensions

Site Location

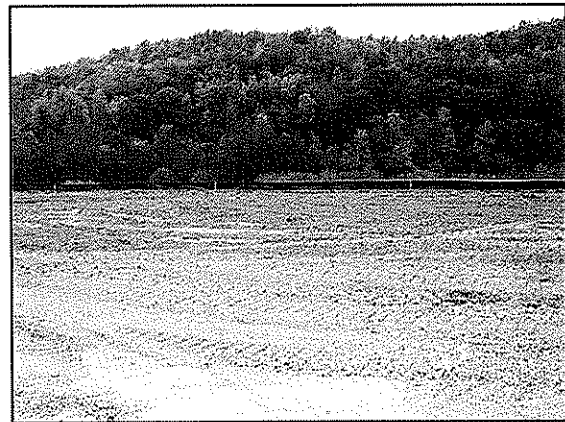
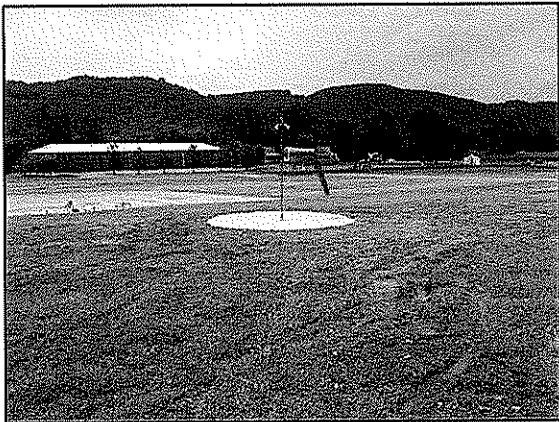
Camp Dawson Collective Training Center
Preston County, WV

Owner

West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

Capitol Engineering, Inc. was selected by the WVARNG/C&FMO for two runway renovation/upgrade projects. The projects involved a 350' paved extension for take offs, a 650' paved extension for emergency runout, lighting and marking replacement, and the installation of a Precision Approach Path Indicator (PAPI) system. The site investigation involved evaluation of the existing lighting system, a geotechnical investigation, and surveying and mapping. CEI prepared construction documents and provided full construction administration of the project. Total project cost was \$1,300,000.



PROJECT EXPERIENCE



Project Title

Elkins Armed Forces Reserve Center
Site and Civil Design

Site Location

U.S. Route 33, near Elkins
Randolph County, WV

Owner

West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

The Elkins Armed Forces Reserve Center Project includes a Readiness Center, maintenance shop and equipment storage building. The complex consists of over 50,000 square feet of heated space, additional unheated storage and approximately 32,000 square yards of rigid and flexible paving. The new facility occupies a 135 acre tract on an undeveloped mountain near Harding in Randolph County. Capitol Engineering, Inc. (CEI) is performing all of the site investigation and site/civil design aspects of the project. Total project cost is estimated to be \$21,000,000.

The project includes the following major design elements:

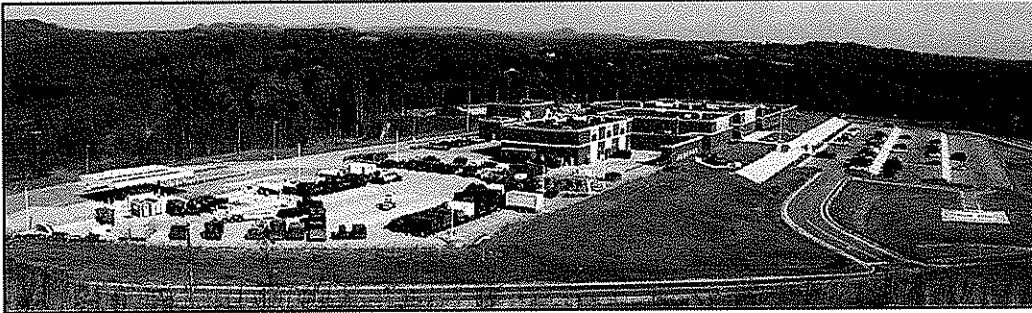
1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Utility, drainage, and construction easements



PROJECT EXPERIENCE



Project Title
Glen Jean AFRC
Site and Civil Design

Site Location
Glen Jean
Fayette County, WV

Owner
West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

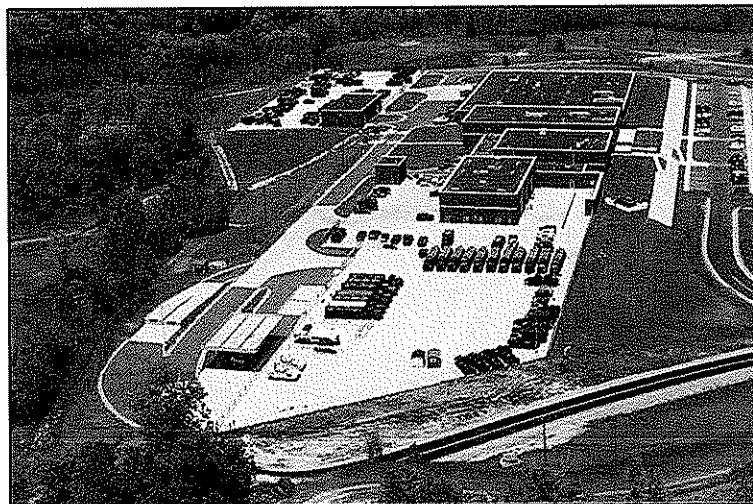
The Glen Jean Armed Forces Reserve Center Project included a Readiness Center, a Military Entrance and Processing Station (MEPS), and an Organizational Maintenance Shop (OMS). The complex consists of over 100,000 square feet of heated space, additional unheated storage and approximately 32,000 square yards of rigid and flexible paving. The new facility occupies a 35 acre tract on a former strip mine near Glen Jean in Fayette County. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project, as well as construction administration for the sitework. Total project cost was \$19,000,000.

The project included the following major design elements:

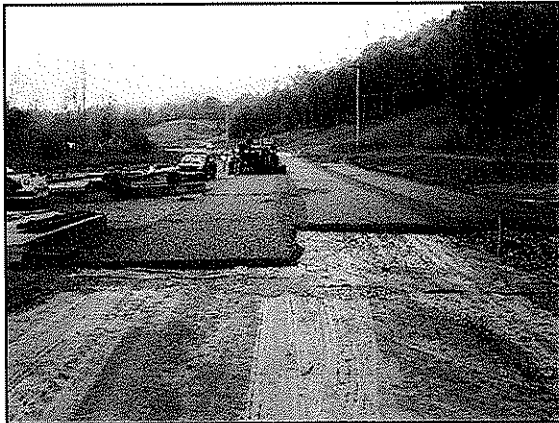
1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Mine subsidence investigation
5. Utility and construction easements



PROJECT EXPERIENCE



Project Title

Kingwood Readiness Center
Site and Civil Design

Site Location

Camp Dawson Collective Training Center
Preston County, WV

Owner

West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

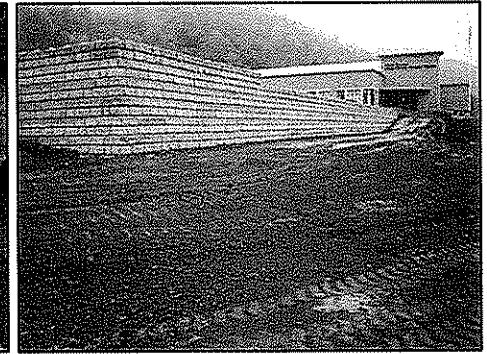
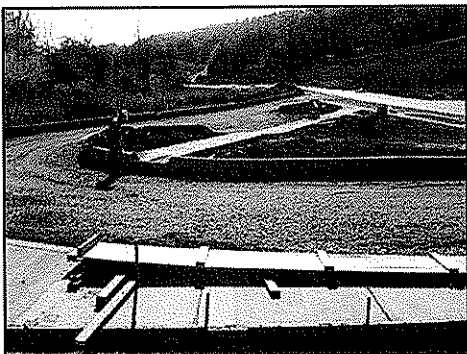
The Kingwood Readiness Center consists of a 20,000 square foot building adjacent and connected to the existing Camp Dawson Armed Forces Reserve Center in Preston County. The new facility occupies the site of the AFRC parking lot, this required design of a new access road and parking lots for both buildings. Capitol Engineering, Inc. (CEI) is performing all of the site investigation and site/civil design aspects of the project. Total project cost is \$6,500,000.

The project includes the following major design elements:

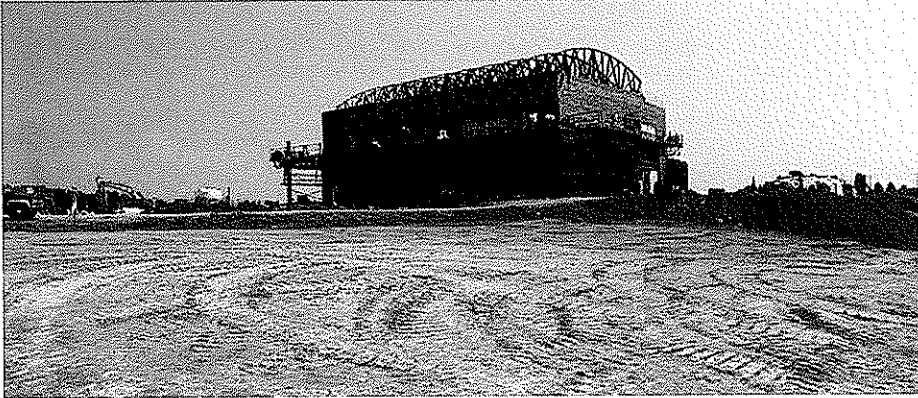
1. Utilities and general site features
2. Military equipment parking
3. Access roads and civilian parking lots

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Utility and construction easements



PROJECT EXPERIENCE



Project Title
Lewisburg Readiness Center
Site and Civil Design

Site Location
Lewisburg, Greenbrier County, WV

Client
S E M Architects
Beckley, WV

Project Description

The Lewisburg Readiness Center Project included a Readiness Center and a unit maintenance shop. The complex consists of over 38,000 square feet of heated space, additional unheated storage and approximately 12,000 square yards of rigid and flexible paving. The facility occupies a 22 acre tract in the Airport Industrial Park near Lewisburg, Greenbrier County. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project.

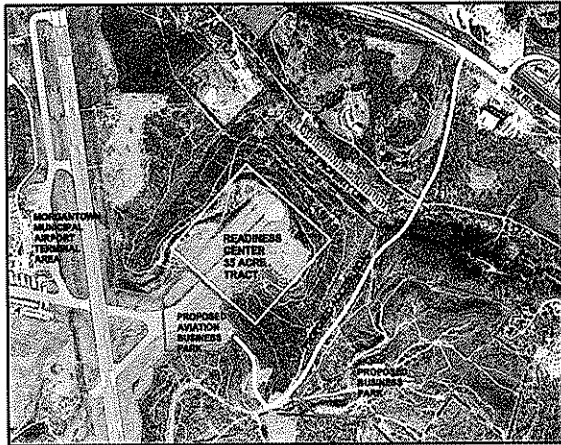
The project included the following major design elements:

1. Utilities
 - a. Water line, extension
 - b. Sanitary sewer system
 - c. Gas service extension
2. Access roads and vehicle facilities
 - a. 7,000 SY concrete paving
 - b. 5,000 SY asphalt paving
 - c. Vehicle wash facility
 - d. Fuel storage and dispensing system
 - e. Multiple access roads
3. General site features
 - a. Earthwork and erosion control
 - b. Storm drainage system and detention facility
 - c. Security fencing / force protection measures
 - d. Outdoor training area

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Karst / geological investigation
5. Utility easements

PROJECT EXPERIENCE



Project Title

Morgantown Readiness Center
Site and Civil Design

Site Location

Morgantown Municipal Airport
Monongalia County, WV

Owner

West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

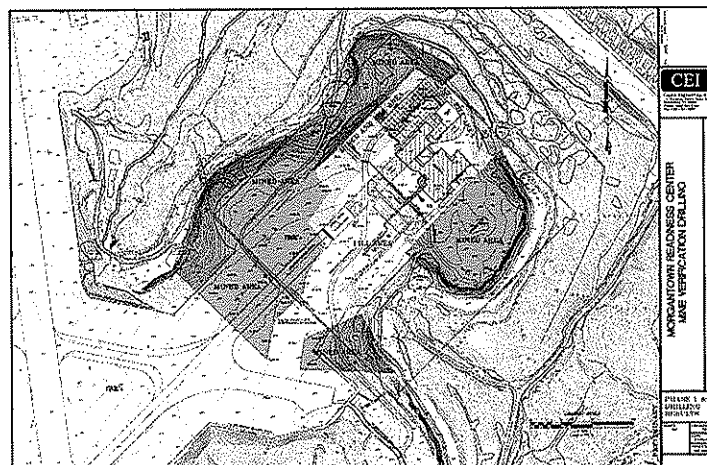
The Morgantown Readiness Center complex consists of over 50,000 square feet of heated space, additional unheated storage and approximately 32,000 square yards of rigid and flexible paving. The new facility will occupy a 35 acre tract on a former runway at the Morgantown Municipal Airport in Monongalia County. Capitol Engineering, Inc. (CEI) is performing all of the site investigation and site/civil design aspects of the project. Total project cost is estimated to be \$20,000,000.

The project includes the following major design elements:

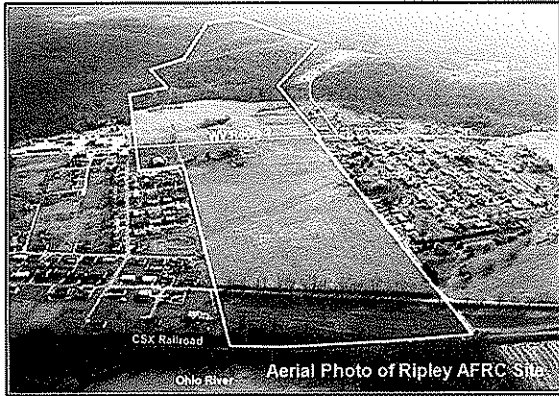
1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Mine subsidence investigation
5. Utility and construction easements



PROJECT EXPERIENCE



Project Title

Ripley Armed Forces Reserve Center
Site and Civil Design

Site Location

Millwood
Jackson County, WV

Owner

West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

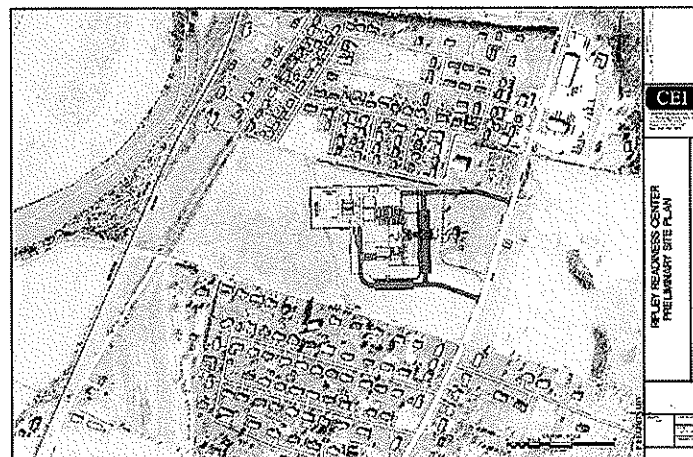
The Ripley Armed Forces Reserve Center Project includes a Readiness Center, a maintenance shop and an equipment storage building. The complex consists of over 50,000 square feet of heated space, additional unheated storage and approximately 22,000 square yards of rigid and flexible paving. The new facility occupies a 335 acre tract on the former Eastern Star property near Millwood in Jackson County. Capitol Engineering, Inc. (CEI) is performing all of the site investigation and site/civil design aspects of the project. This project has an estimated cost of \$20,000,000.

The project includes the following major design elements:

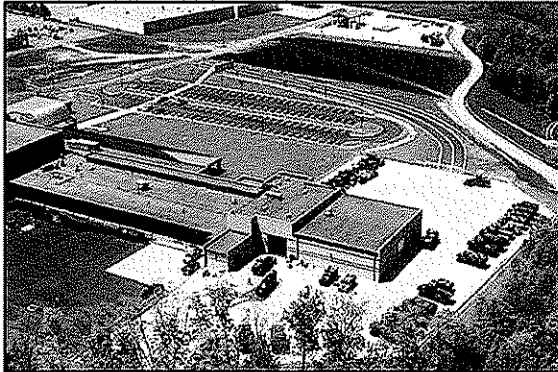
1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Drainage and construction easements



PROJECT EXPERIENCE



Project Title

Summersville Readiness Center
Site and Civil Design

Site Location

Summersville
Nicholas County, WV

Owner

West Virginia Army National Guard
Construction and Facilities Management Office

Project Description

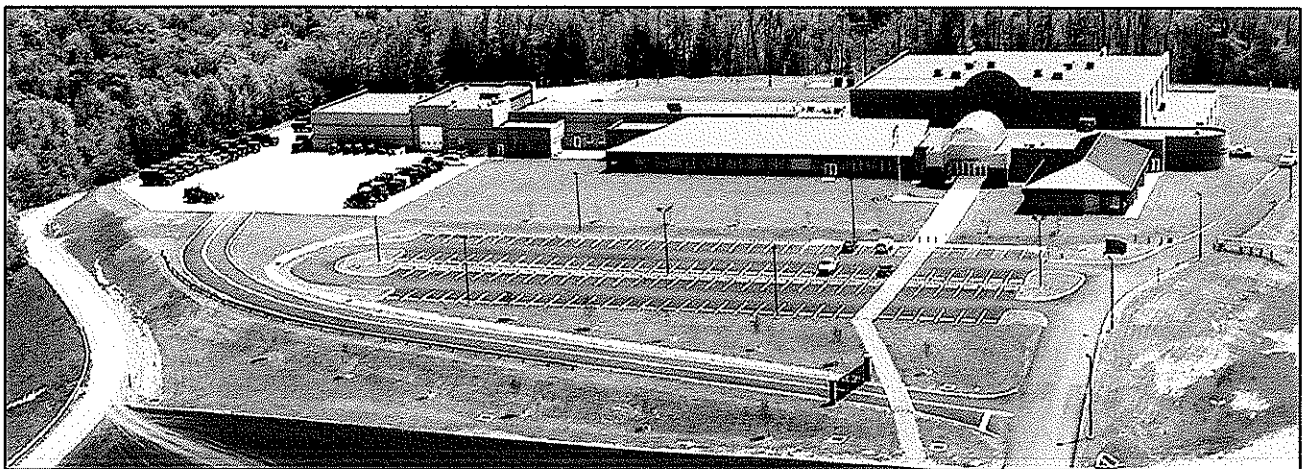
The Summersville Readiness Center Project included a Readiness Center, a Civic Arena and Conference Center, and a unit maintenance shop. The complex consists of over 70,000 square feet of heated space, additional unheated storage and approximately 21,000 square yards of rigid and flexible paving. The facility occupies a 35-acre tract behind the Northside Center in Summersville, Nicholas County. Capitol Engineering, Inc. (CEI) was selected to perform all aspects of the site investigation. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project. Total project cost was \$15,000,000.

The project included the following major design elements:

1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

The project included the following site investigation elements:

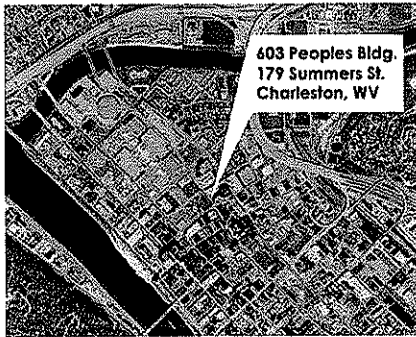
1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Easement and right-of-way acquisition



REFERENCE LIST
Capitol Engineering, Inc.

<p>Azimuth, Inc. Craig Hartzell President 3741 Morgantown Industrial Park Morgantown, WV 26501 304-292-3700 (p) 304-292-0873 (f)</p>	<p>Shaw Environmental & Infrastructure David Carpenter West Virginia Branch Manager Rock Branch Industrial Park Poca, WV 25159 304-759-0425 (p) 304-759-0491 (f)</p>
<p>Pond & Company Roseanna Richards Vice President, Federal Programs 2635 Century Parkway Suite 800 Atlanta, GA 30345 404-748-4722 (p) 404-325-5458 (f)</p>	<p>Wilbur Smith Associates Manuch Amur West Virginia Branch Manager Geary Plaza, Suite 200 700 Washington Street East Charleston, WV 25301 304-345-2339 (p) 304-345-2343 (f)</p>
<p>S*E*M Architects Robert Cushman Director of Construction Services 167 South State Street Westerville, OH 43081-2265 614-794-3100 (p) 614-794-3088 (f)</p>	<p>ZMM, Inc. Steve Branner, AIA President 222 Lee Street West Charleston, WV 25302 304-342-0159 (p) 304-345-8144 (f)</p>
<p>Trumbull Corporation Mike Harvey Project Manager Teays Pointe Complex 87 Smiley Drive St. Albans, WV 25177 304-755-6945 (p) 304-755-6949 (f)</p>	<p>West Virginia Coal Association Bill Raney President PO Box 3923 Charleston, WV 25339 304-342-4153 (p) 304-342-7651 (f)</p>

Background



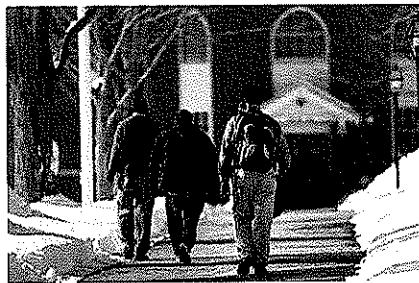
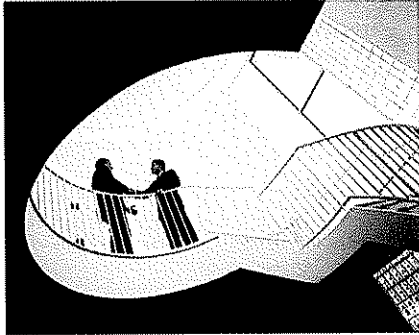
Moment Engineers, Inc. is a professional consulting firm specializing in structural engineering. We serve the architectural and building construction communities throughout West Virginia. Based in Charleston, West Virginia at 179 Summers Street, Moment Engineers was founded by Douglas Richardson in early 2005. Prior to that, Mr. Richardson was employed by ZMM, Inc., a WV architectural/engineering firm as their Senior Structural Engineer.

For more than a decade, Mr. Richardson has had sole responsibility for the structural engineering design of more than 5 million square feet of built space. The construction costs of these projects exceeded a half billion dollars. His experience, which ranges from small to very large multi-phase projects, is invaluable in providing the technical expertise and creative flexibility to deliver results in a prompt and reliable manner.

Our experience encompasses a wide variety of building types and sectors, and our expertise includes design analysis for steel, concrete, masonry, and wooden structures.

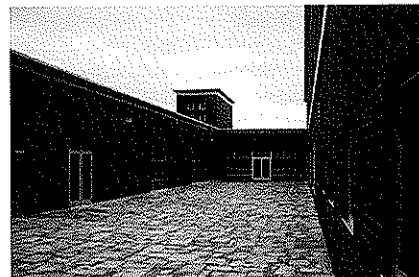
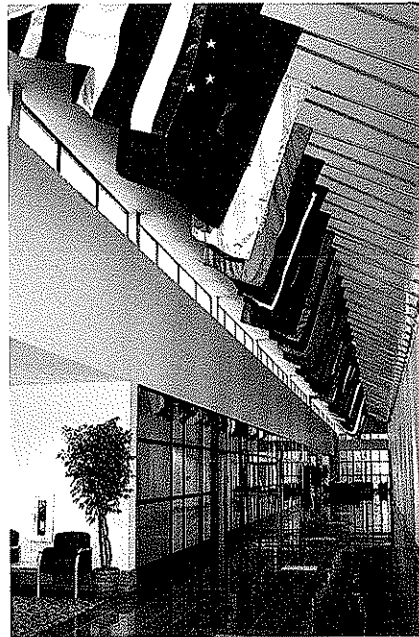
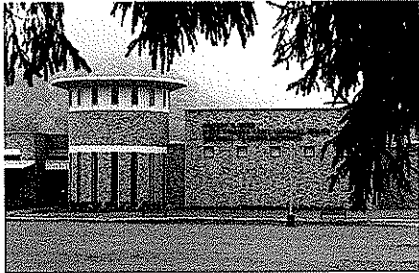


Approach



At Moment Engineers, we recognize that the architect is the primary contact for the building owner. Our role is to strengthen that relationship by producing high quality designs in a prompt and cost effective manner. To that end, we emphasize incorporating traditional and technical means of communication and data transfer to ensure a seamless integration of structural integrity and architectural creativity.

We believe that the practice of engineering is the point at which science and society meet. We also believe that the architects and builders we serve are essential in the development of the fundamental dignity of the community. Moment Engineers is strongly committed to developing structural solutions which bring permanence and strength to the expression of architectural thought.

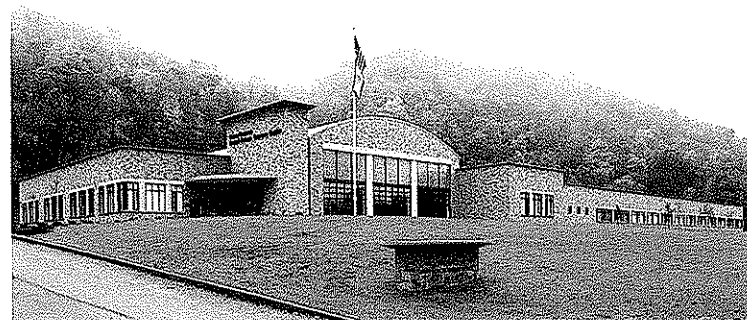


West Virginia Army National Guard Project Experience

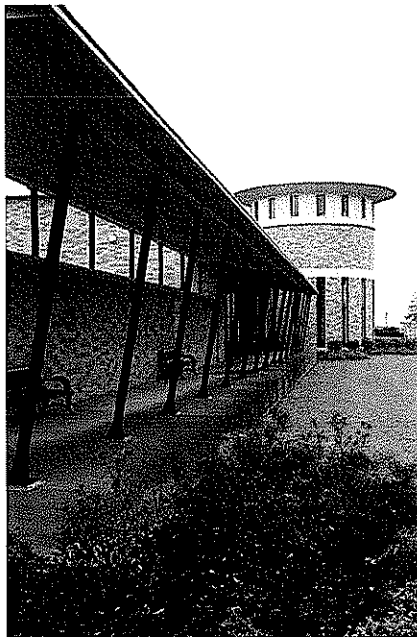
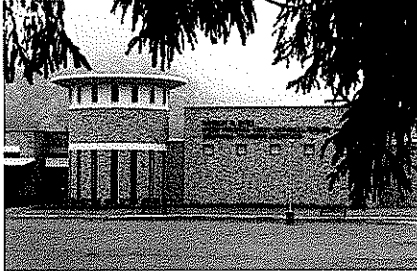
Douglas Richardson has provided the structural engineering and design for the following projects:

- Robert C. Byrd Regional Training Institute - Camp Dawson, WV
- Armed Forces Reserve Center - Camp Dawson, WV
- Armed Forces Reserve Center - Glen Jean, WV
- Construction & Facilities Management Office - Charleston, WV
- Mountaineer Challenge Academy - Camp Dawson, WV

These five facilities total over 368,000 square feet of built space, and each serves as an outstanding example of how a military structure can enhance the readiness of the units they support while also contributing to the local, state and national communities in which they are located. The structural systems utilized include steel frames, reinforced concrete and masonry, load bearing cold-formed steel studs, and long span steel joists.

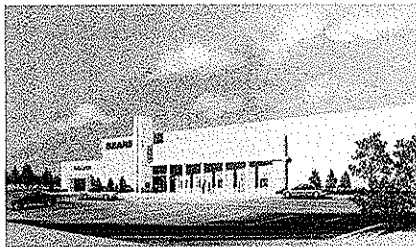


Sample Project



Robert C. Byrd Regional Training Institute

The Robert C. Byrd Regional Training Institute at Camp Dawson is a 143,000 square foot facility constructed for the West Virginia Army National Guard that provides an ideal setting for training classes, meetings and conferences serving both the military and civilian population. The facility includes office space, classrooms, library, a three story hotel style wing, auditorium and swimming pool. The structural systems utilized include steel frames, reinforced concrete and masonry, load bearing cold-formed steel studs, and long span steel joists.



Additional Project List

In addition to these WVARNG projects, Mr. Richardson's experience includes a wide variety of new building design and existing building analysis. The list below is a small sample of the projects for which Douglas Richardson has had responsible charge of the structural engineering, design and contract document production. A more extensive list is available upon request.

<u>Project</u>	<u>Sq. Ft.</u>
Barboursville Elementary School	63,947
Greenbrier East H.S. Renovations & Additions	205,057
Lincoln Co. High School	216,500
Wayne Co. Spring Valley High School	175,000
St. Albans High School	172,600
Dunbar Primary Center School	14,100
Judge Donald F. Black Courthouse Annex	37,000
WV Hospital Association Office Building	29,710
Cabell West Elementary School	55,788
Capital State Bank	4,088
Kappa Alpha Fraternity House, WVU	14,000
Sears, Chesterfield Mall, Richmond VA	146,980
Sears, Loudon VA	132,600
Alderson Federal Prison Dormitory	60,625
Western Juvenile Detention Center	29,015
Cacapon State Park Addition	9,842
Lewisburg United Methodist Church	12,800
Kroger Store Renovation, Kanawha City	15,427
Goodwill Industries Renovation and Addition	15,460