

West Virginia Army National Guard

*Architectural and Engineering
Services for a Readiness Center
and Field Maintenance Shop
located near Parkersburg, WV*

Requisition #DEFK10013

April 13, 2010

 **McKINLEY & ASSOCIATES**
ARCHITECTS • ENGINEERS • INTERIOR DESIGN



Capitol Engineering, Inc.

RECEIVED



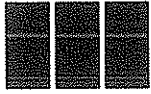
MOMENT
engineers, inc.

2010 APR 12 A 11: 45

PROCURING DIVISION
STATE OF WV



BUILDERS INC



April 9, 2010

Mr. Ron Price
Purchasing Division
2019 Washington Street, East
Building 15
Charleston, WV 25305-0130

Project: Parkersburg Readiness Center and Field Maintenance Shop - DEFK10013

Dear Mr. Price and Members of the Selection Committee;

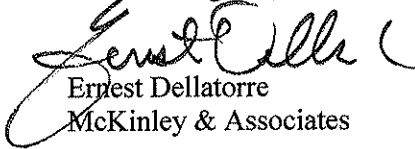
McKinley & Associates, Capitol Engineering, Inc., Moment Engineers, Inc., and G&G Builders, Inc. (McKinley/Capitol/Moment/G&G) have formed a collaborative, integrated team to work with the West Virginia Army National Guard's Construction and Facilities Management Office in providing professional architectural engineering design services for the Readiness Center and a the Field Maintenance Shop located near Parkersburg, WV. As you review this submission, we emphasize the following strengths of McKinley/Capitol/Moment/G&G with respect to your project:

- 1.) Our Team is a qualified **"All West Virginia Team"**. This means our tax dollars stay in West Virginia to create jobs and grow our economy.
- 2.) McKinley & Associates has been providing design services since 1981. With offices in Charleston and Wheeling, WV and Washington, PA, we support a professional staff of 40+ that includes: architects, mechanical, electrical, plumbing/life safety engineers (MEP engineers) as well as a certified interior design department. We are proud to be generally considered the largest full service A/E firm in the State of West Virginia. We have enjoyed our history with the West Virginia National Guard by being part of the design team for the Mountaineer Challenge Academy and the Multi-Purpose Building Projects both at Camp Dawson, WV.
- 3.) Robert Fuller, PE of Capitol Engineering will handle all civil and site issues. CEI is a consulting engineering firm located in Charleston, West Virginia and is located just minutes away from McKinley & Associates. CEI has a tremendous history of service to the West Virginia Guard and will continue to build on that reputation. Some recent projects include: Glen Jean Armed Forces Complex, Summersville Readiness Center, Kingwood Readiness Center and work on the Dawson Army Airfield.
- 4.) Our team also includes Douglas Richardson, PE from Moment Engineers in Charleston, West Virginia. He will be responsible for Structural Engineering. Mr. Richardson also has experience with the West Virginia Army National Guard at the Robert C. Byrd Training Institute at Camp Dawson, Armed Forces Reserve Center at Glen Jean, WV and the Armed Forces Reserve Center at Camp Dawson to name a few.
- 5.) The final member of our team, G&G Builders, Inc., provides the ability to consider different structural components and architectural elements and their impact on a project's budget and schedule. Their accurate well-defined cost estimates are a critical step in successful projects because of their first-hand knowledge of all aspects of the building construction.

We believe that the McKinley/Capitol/Moment/G&G collaboration brings many benefits, which we outlined in the enclosed document. McKinley & Associates is very excited about the possibilities of this project. One of the more exciting aspects of our job is listening to YOU, our client, in how you envision this project, and transforming your ideas into realities. This can only be accomplished by effectively working together with you. Most of our current clients have been with our firm for many years. The main reason we have been able to maintain this relationship is because we LISTEN to their needs. We encourage you to speak with our references because we feel this is the best way that our abilities can be conveyed to you.

Thank you for reviewing our submission and considering McKinley/Capitol/Moment/G&G for your project. We are very excited about the possibility of working again with the West Virginia Army National Guard's Construction and Facilities Management Office. If you have any questions, please do not hesitate to call at any time.

Personal Regards,



Ernest Dellatorre
McKinley & Associates



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Executive Summary

Enclosed is our complete Expression of Interest for all professional architectural and engineering services for a Readiness Center and Field Maintenance Shop located near Parkersburg, WV. Here is an overview of what McKinley & Associates brings to the West Virginia Army National Guard's Construction and Facilities Management Office:

RFP Highlights:

- An All-West Virginia Team.
- Team has experience with over ten (10) projects for the West Virginia Army National Guard.
- McKinley & Associates designs over \$100 million in construction cost per year in West Virginia.
- All MEP Engineering will be designed "In-House."
- McKinley & Associates has 4 LEED Accredited Professionals on staff (including the Project Architect) in both the architectural and engineering fields.
- Cost Control - provided by professional cost estimator, G&G Builders, Inc.
- Proposed team has collaborated on previous projects.
- Tommy Young, WV Air National Guard (Ret), Project Coordinator

Team Members:

McKinley & Associates - Architects, MEP Engineering, Quality Control, Interior Design, & Construction Administration
Capitol Engineering - Civil/Site Engineers
Moment Engineers - Structural Engineers
G&G Builders - Professional Cost Estimators

First and foremost we can state that our staff of 40+ professionals will devote whatever time is necessary to provide the West Virginia Army National Guard's Construction and Facilities Management Office with a successful project. With over 15 registered professional architects and engineers we have the ability to make difficult schedules work. This is an "In-House" team that works together everyday and has done most of the projects here as a group.

The most important element of the entire process becomes communication from you to our designers. We use and welcome your input throughout the project. We continually achieve success in projects by maintaining time and cost management amongst the client and contractors. You will have the ability to review the plans and specifications at different completion percentages of the development phase.

Our Quality Assurance Program starts with a peer review where a registered professional not involved in the design becomes reviewer of the project before going to bid. Additionally, at our regularly scheduled project meetings the entire design team is constantly reviewing the process. The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We are available to start immediately upon our being selected.

The firm uses a number of different cost estimating procedures depending on the type and size of project. Our ability to design within budget is shown in the following, which represent some of our recently bid projects:

<u>PROJECT</u>	<u>BUDGET</u>	<u>ACTUAL</u>	<u>DIFFERENCE</u>
Wood Co. - Williamstown HS	\$11,635,000	\$11,253,000	-3.39%
Ohio Co. Schools	\$2,800,000	\$2,675,000	-4.67%
Weirton State Building	\$4,291,000	\$4,083,000	-5.09%
Hancock Co. Schools	\$11,000,000	\$11,260,000	+2.36%
WV Northern Annex	\$7,900,000	\$6,850,000	-15.33%
WV Northern Phase II	\$1,200,000	\$1,194,000	-0.50%
Wheeling YMCA	\$2,200,000	\$2,100,000	-4.76%
WVU Colson Hall	\$5,400,000	\$5,500,000	+1.85%
John Marshall Fieldhouse	\$3,755,000	\$3,518,000	-6.73%
Central Elementary	\$3,037,000	\$3,017,000	-0.66%
Maxwell Centre	\$1,800,000	\$1,734,000	-3.81%

The Marshall County School Bond Project's total budget is \$37,000,000.
To date, we are \$1,000,000 under budget.



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
DEFK10013

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
BUYER 32
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 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/14/2010				

BID OPENING DATE: **04/13/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	GAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
PARKERSBURG READINESS CTR & MAINTENANCE SHOP EXPRESSION OF INTEREST THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA ARMY NATIONAL GUARD'S CONSTRUCTION AND FACILITIES MANAGEMENT OFFICE, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING DESIGN SERVICES FOR A READINESS CENTER AND FIELD MAINTENANCE SHOP LOCATED NEAR PARKERSBURG, WV, IN WOOD CO., PER THE FOLLOWING BID REQUIREMENTS AND THE ATTACHED SPECIFICATIONS. BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.						
***** THIS IS THE END OF RFQ DEFK10013 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS


SIGNATURE <i>[Signature]</i>	TELEPHONE (304) 233-0140	DATE 4/9/10
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'

Design Team

Project Coordinator
Tommy Young, REFP

Architectural Team — Thomas R. Worlledge, AIA, LEED AP, REFP ■■■
Nicole D. Riley, Assoc. AIA ■■■
Patrick J. Rymer, Assoc. AIA ■■■

Engineering Team — Bradley A. Crow, PE, LEED AP ■■■
Director of Engineers / Mechanical Engineer
Tim E. Mizer, PE, RA ■■■
Director of Operations / Architectural Engineer / Architect
Darren S. Duskey, PE ■■■
Electrical Engineer
Robert M. Fuller, PE 
Civil Engineer
Douglas R. Richardson, PE ✂
Structural Engineer

Professional Cost Estimators — G&G Builders, Inc. 

Quality Control — Tim E. Mizer, PE, RA ■■■
Charles T. Moore, AIA ■■■

Green (LEED) Design — Michael S. Betsch, LEED AP ■■■
Bradley A. Crow, PE, LEED AP ■■■
Christina Schessler, AIA, LEED AP ■■■
Thomas R. Worlledge, AIA, LEED AP, REFP ■■■

Interior Designer — Deb Blakeman, NCIDQ #015070 ■■■

Construction Administrators — Tommy Young, REFP ■■■
Dana E. Womack, Jr. ■■■

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

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

MULTI-PURPOSE BUILDING AT CAMP DAWSON

Tim E. Mizer - Design Engineer
Bradley A. Crow - Mechanical Engineer
Darren S. Duskey - Electrical Engineer
Douglas R. Richardson - Structural 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



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Thomas L. Young, REFP

Project Coordinator / Construction Administrator

EDUCATION:AND

SPECIALIZED TRAINING:

Recognized Educational Facility Professional (REFP) designated by the CEFPI

West Virginia Institute of Technology
Design and Drafting Technology

United States Marine Corps:
Non-Commissioned Officers School
Leadership School
Non-Commissioned Officer in Charge School
Licensed Heavy Equipment Operator School
Demolition School
Recruiters School, San Diego, CA

United States Air Force:
Advanced Non-Commissioned Officers School
Air Cargo Training Specialist

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Member:

Council of Educational Facility Planners
International (CEFPI)

Recognized Educational Facility Professional
(REFP)

Past President Enlisted:

Association of the National Guard of WV

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Education Specialist / Coordinator
Charleston, WV (2007 to present)

School Building Authority of West Virginia
Assistant Director of Architectural Services
Charleston, WV (1996-2006)

Superior Windows
Corporate Finance Director
Charleston, WV (1992-1996)

SUMMARY OF EXPERIENCE:

Mr. Young has continually utilized his proven abilities as an Educational Facility Planner to assist his clients in achieving their highest goals. His business philosophy is of honesty and core values. With his vast construction background and high expectations, Mr. Young will assist in the management and development of a quality final product for all public, private, elementary, secondary and higher education projects.

NOTABLE PROFESSIONAL EXPERIENCES:

Assistant Director of Architectural Services

Directly oversaw the funding, design and construction budgets for all related educational projects for the School Building Authority of West Virginia. Was responsible for over a Billion dollars worth of PK-12 school construction projects. Worked with WV County Boards of Education in developing Needs based projects for funding consideration and approval with most efficient and effective use of funds available.

Construction Manager

Planned all major expansion projects and followed through to completion for customers. Daily supervised a staff of 30 office and field personnel at Superior Windows. Responsible for collections of approximately \$600,000 monthly, while managing a field operations budget of \$96,000 monthly.

Vice President of Operations

Directly responsible for the management and leadership of a highly trained work force at the Providence Construction Company. Oversaw schedules, critical path and budget on all construction projects. Additionally, provided bids to general contractors on public and private works.

MILITARY SERVICE:

130th APS, WVANG
Technical Sergeant (Ret)
(1990-2006)

US Marine Corps
Combat Engineer and Recruiter
(1984-1990)

Thomas R. Worlledge, AIA, LEED AP, REFP

Charleston Office Area Manager



Architect / LEED Accredited Professional

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

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:

Mr. Worlledge is a skilled Architect with over 20 years experience who has received state wide design awards (including a West Virginia Chapter of the American Institute of Architects 2009 Merit Award in Sustainable Design) and placed in national design competitions. As a **LEED Accredited Professional** and 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 the new West Virginia State Building in Logan, which will be LEED Silver Certified. 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 EXPERIENCES:

LEED and Energy Efficient "Green" Design:

West Virginia State Building in Logan, WV (LEED Registered Project)

Marshall County Schools - Hilltop Elementary School (LEED Registered Project)

Bellann in Oakhill, WV (LEED Registered Project)

H3 LLC - New office facility (possible Net-Zero Energy Building)

McKinley & Associates Charleston Area Office (2009 WV AIA Design Award winner)

PROMINANT 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

Nicole D. Riley, Assoc. AIA

Associate Architect

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 including an auditorium. 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 2009 AIA Merit Award-winning 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.

Patrick J. Rymer, Assoc. AIA

Associate Architect

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:

West Virginia Army National Guard:

Camp Dawson/Fueling Canopies

Parkersburg Army Aviation Support Facility / Taxiway Repair

Marshall County Schools:

New Cameron Middle/High School (LEED)

Cameron Elementary / Pre-K Classroom Building Addition

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

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



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Bradley A. Crow, PE, LEED AP



Director of Engineering Services

Mechanical Engineer / LEED Accredited Professional

EDUCATION:

West Virginia Institute of Technology
B.S. Mechanical Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:

West Virginia
Pennsylvania

LEED® Accredited Professional

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, being both a Professional Engineer as well as a LEED® Accredited Professional. 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

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson

Bennett Square Office Building

Cabela's Eastern Distribution Center

Panhandle Cleaning & Restoration warehouse and office building

Dr Ganzer Office Building

West Virginia State Building in Logan, WV (LEED)

Marshall County Schools - Hilltop Elementary (LEED)

Marshall County Schools - Cameron Middle/High School (LEED)

West Virginia Independence Hall

USPS - Charleston Processing and Distribution Center

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

Wood County Schools (\$63+ million renovations)

WVU Colson Hall renovations

WVU State Fire Training Academy / Jackson's Mill

West Virginia State Police - New Logan Detachment

Illinois Cancer Center

Utah Cancer Center

Monroeville MRI

Wheeling Island Fire Station

Tim E. Mizer, PE, RA

Director of Operations

Architectural Engineer / Architect / Quality Control

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 Operations for the company.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson in Kingwood, WV

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson in Kingwood, WV

West Virginia State Police - renovations and new detachments
Also surveyed, reviewed, projected, budgeted, and documented 72 police facilities statewide

USPS - designed over 100 Post Offices throughout West Virginia for ADA compliance

West Virginia State Building in Logan, WV (LEED)

West Virginia State Building in Weirton, WV

WVU Colson Hall renovations/upgrade

WVU State Fire Training Academy

Grant County Schools / multiple upgrade projects

Marshall County Schools (\$38+ mil.)

Wood County School Bond Project (\$63+ mil.)

Hancock County Middle School-new building/site

Marshall County Schools - Hilltop Elementary (LEED)

Marshall County Schools - Cameron Middle/High School (LEED)

Cabela's Eastern Distribution Center

Wheeling Island Casino - various projects

Independence Hall roof

Dr Ganzer Office Building

Panhandle Cleaning & Restoration warehouse
and office building

Darren S. Duskey, PE

Electrical Engineer

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:

Electrical Engineer

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson in Kingwood, WV

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson in Kingwood, WV

Cabela's Eastern Distribution Center [*New large (~1,000,000 SF) distribution center services, electrical design*]

West Virginia State Building in Weirton, WV

West Virginia State Building in Logan, WV (LEED)

Panhandle Cleaning & Restoration warehouse and office building

Bennett Square Office Building

Dr Ganzer Office Building

Marshall County Schools - Hilltop Elementary (LEED)

Marshall County Schools - Cameron Middle/High School (LEED)

West Virginia University - Colson Hall (*Upgrade electrical service, including medium voltage distribution, renovations*)

WVU Institute of Technology - Maclin Hall (*Upgrade electrical service, renovations*)

WVU State Fire Training Academy in Jackson's Mill, WV

West Virginia Northern Community College - The Education Center (*Upgrade electrical service, renovations*)

Chapmanville Regional High School - Logan County Schools (*New school service, electrical design*)

WVSP Headquarters (*Upgrade electrical service*)

WVSP detachment in Berkeley County (*Upgrade electrical service, renovations*)

United States Postal Service - statewide post offices

Charles T. Moore, AIA

Quality Control

EDUCATION:

University of Texas
Bachelor of Architecture - 1955

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Professional Architect in:
West Virginia
Ohio
Texas

Member:

American Institute of Architects
West Virginia Society of Architects

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Architect / Quality Control
Wheeling, WV (1988 to present)

Deeter Ritchey Sippel Associates
Architect
Pittsburgh, PA (1982-1988)

William F. Pleva, Architects
Architect
Pittsburgh, PA (1981-1982)

Charles Moore, Architect
Owner / Architect
Crockett, TX (1969-1981)

SUMMARY OF EXPERIENCE:

Mr. Moore brings over 50 years of architectural experience to the job. His varied experience in the Architectural Profession creates economical solutions to our projects. In addition to his design skills, Mr. Moore is a very organized and experienced Quality Control Manager.

NOTABLE PROFESSIONAL EXPERIENCES:

Project Architect

Cameron High School Addition

Renovations to Bonar Hall West Liberty State College

Hazel-Atlas Building, West Virginia Northern College /
Wheeling, WV

Coordinator of Engineering Services

NASA "Classroom of the Future", Wheeling Jesuit College /
Wheeling, WV

Quality Control

West Virginia State Building in Logan, WV (LEED)

Marshall County Schools - Hilltop Elementary (LEED)

Marshall County Schools - Cameron Middle/High School (LEED)

West Virginia State Building in Weirton, WV

Panhandle Cleaning & Restoration warehouse and office building

Wheeling Island Casino - various projects

WV Independence Hall

Bennett Square Office Building

Cabela's Eastern Distribution Center

Marshall County Schools / multiple projects

WVU Colson Hall renovations/upgrade

WVU Institute of Technology - Maclin Hall

WVU State Fire Training Academy

West Virginia State Police - various detachments statewide

West Virginia State Police Headquarters

West Virginia State Police Academy

United States Postal Service - various projects statewide

Grant County Schools / multiple projects - Maysville ES, Union
Educational Complex

Wetzel County Schools / multiple projects - Long Drain ES,
Magnolia HS, New Martinsville ES, WCCCF

Summers County Middle School

Christina Schessler, AIA, LEED AP



LEED Accredited Professional / Architect

EDUCATION:

The Pennsylvania State University
Bachelor of Architecture - 1986

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

West Virginia
Pennsylvania
Ohio

NCARB Certificate - 2005

LEED® Accredited Professional

Member:

American Institute of Architects
City of Wheeling - Building Codes Board
of Appeals

Former Member, Board of Director, & Treasurer:

The Midwife Center for Birth & Women's
Health / Pittsburgh, PA

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2004 to present)

MacLachlan, Cornelius & Filoni Architects
Pittsburgh, PA (1999-2004)

Perfido Weiskopf Architects
Pittsburgh, PA (1996-1999)

T.L. Cox & Associates
Beaver, PA (1990-1996)

Valentour English Bodnar Architects
Mt. Lebanon, PA (1989-1990)

Kenny Williams & Williams Building
Diagnostics
Maple Glen, PA (1988)

SUMMARY OF EXPERIENCE:

Ms. Schessler has 20 years of experience working one on one with a wide range of educational, professional, liturgical, medical and commercial clients. She is adept at developing space and utilization programs with clients who are unfamiliar with the architectural design process. Christina can provide direction to Clients who wish to develop a design and document program that is intended to achieve LEED Certification. Her skills include construction document preparation, consultant coordination and construction administration experience. As a volunteer and as a professional, Ms. Schessler has developed several projects for non-profit agencies on limited budgets.

NOTABLE PROFESSIONAL EXPERIENCES:

Project Architect

Panhandle Cleaning & Restoration warehouse and office building
WVU Fire Training Academy / Jackson's Mill, WV
Wheeling Island Fire Station
Grant County Schools / Multiple Projects
West Virginia Independence Hall
Braxton County Senior Citizen Center
Bethany College Health and Wellness Center, renovation
University of the South, Gaylor Hall Additions and Renovation
University of Pittsburgh, Blaisdell Hall, New Theater and Arts Building
Beaver Valley Burn Building site development
The Beaver County Medical Center, Women's Health Center and Rheumatology Expansion
New Hope Youth Home addition / Beaver, PA

Architect

The Midwife Center for Birth & Women's Health, Birthing Suites / Pittsburgh, PA (**Non-Profit**)
Master Plan study for DePaul Institute for the hearing impaired
Indiana University of PA, Uhler Hall Additions and Renovations

Project Designer

United Cerebral Palsy Center, renovations and additions / Washington, PA (**Non-Profit**)
St. Clair Hospital, Woman's Breast Cancer Health Clinic
Children's Home of Pittsburgh, interior renovations (**Non-Profit**)

Michael S. Betsch, LEED AP



LEED Accredited Professional

EDUCATION:

Drexel University (Philadelphia, PA)
Bachelor of Architecture - 2007

Delaware Technical and Community College
Associate, Architectural Engineering - 2000

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

U.S. Green Building Council

LEED® Accredited Professional

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2008 to present)

Stantec Architecture
Wilmington, DE; New York; and Vancouver
(2007-2008)

The Breckstone Group
Wilmington, DE (2006-2007)

Staikos Associates Architects
Wilmington, DE (2000-2006)

SUMMARY OF EXPERIENCE:

Mr. Betsch's project experience includes new construction as well as renovation of existing structures. Projects types include government, liturgical, private high security, educational, office, retail, institutional, residential, and historic preservation.

Mr. Betsch has proven success working with highly intricate project delivery scenarios such as phased renovations to active mission critical command and control centers, and modernization of highly publicized actively used government historical centers such as New York City's City Hall. With over 8 years of experience Mr. Betsch has had the opportunity to work for a varied group of clients in the US, Canada, and the Middle East. These clients have included Foreign Governments, Integrated Defense Providers, State and local governments, Historic Societies, Educational Providers, Public and Private Corporations, Condo Associations, and Private Home owners. As a **LEED® Accredited Professional** Mr. Betsch works to bring sustainable design solutions to work for the benefit of his clients and the community.

NOTABLE PROFESSIONAL EXPERIENCES:

New York City Hall / New York, NY

General restoration and architectural coordination for extensive mechanical renovations of the interior of historic landmark originally built in 1811. A feasibility study was completed to obtain a LEED certification. In addition, a high-definition scan (a laser survey technology used to create three-dimensional electronic models), multi-media, mass media, and audio/video upgrades were designed for the City Council.

Weir High School / Hancock County Schools in Weirton, WV
\$5 million architecture and HVAC project involved the construction of new Mechanical Rooms at Buildings A and F.

Arkansas Emergency Operations Center / Little Rock, AR
Programming, master planning, and design development documentation for this statewide emergency operations center

Burnaby Mountain Sports and Medicine Center / Simon Fraser University in Vancouver, British Columbia
Design charette for a new facility which includes a roof top soccer field, clinics, offices, a field house, retail, grocery store, and aquatic center with an Olympic sized swimming pool

Montgomery County Emergency Operations Center / Montgomery County, MD
Programming, planning, design and contract documents for a 10,500 SF multimedia operations theater for 45 responders with support spaces, media briefing, etc.

Montgomery County Emergency Communications Center
Programming, master planning, design and preparation of contract documents for a 57,000 SF emergency communications facility

Deb Blakeman, NCIDQ #015070



Interior Designer

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

West Virginia University - Colson Hall

West Virginia University - State Fire Training Academy

WVU Institute of Technology - Maclin Hall

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

Marshall County Schools - Hilltop Elementary School (LEED Registered Project)

West Virginia State Building in Logan, WV (LEED Registered Project)

H3 LLC - New office facility (possible Net-Zero Energy Building)

McKinley & Associates Charleston Area Office (2009 WV AIA Design Award winner)

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

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

Sisters of St. Joseph - Convent / Assisted Living renovation project
Braxton County Senior Center

Interior Designer / Sales

WV Graduate College (Furnishings)

WV Credit Union (Space Planning, Furnishings and Finishes)

Adjunct Professor

University of Charleston

Dana E. Womack, Jr.

Construction Administrator

EDUCATION:

Marshall University
A.A.S. Occupational Development - 2005

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Project Coordinator
Charleston, WV (2009 to present)

RBS Construction Inc.
Project Manager
Nitro, WV (2007-2009)

Providence Construction
Superintendent
Teays Valley, WV (2007)

G&G Builders
Superintendent-in-Training (2005-2006)
Cement Finisher (2002-2005)
Scott Depot, WV

United Parcel Service
Preloader
South Charleston, WV (1999-2002)

United States Air Force
Security Forces (Sr. Airman)
Tinker Air Force Base, OK (1996-1999)

SUMMARY OF EXPERIENCE:

Mr. Womack brings various knowledge to the Project Coordinator role; skills which included a cross-trained background of project management / coordination, on-site supervisor, administering contracts from start up to project close out, as well as field work as a cement finisher (work included the Western Regional Jail), preloader, and law enforcement officer. With credentials spanning across all aspects of construction, Dana has a unique ability to work with owner and contractor alike and get the project completed on time and within budget.

NOTABLE PROFESSIONAL EXPERIENCES:

Construction Administrator for:

West Virginia State Building in Logan, WV (LEED)
H3 LLC - New office facility building (Net-Zero Energy)
West Virginia State Police Academy Renovations
WVSP Logan Detachment
Brookview Elementary, Madison Middle, & Scott High - Boone County Schools
Summers County High - Summers County Schools

Project Manager

Manage projects from Preconstruction meeting to project close out. Develop construction schedules, manage on-site personnel, coordinate with subcontractors and work with suppliers to ensure materials are delivered to the jobsite on time. Work closely with the architects and engineers to complete the projects on time, within budget and to the owner's satisfaction.

Southern and Southwestern Regional Jails
Montrose Elementary Elevator Addition
900 Christopher Street Structural Renovations
Putnam PSD New Maintenance Garage
Mine Health Safety Academy Bathroom Renovations

Superintendent

Role during projects was on-site supervisor for all aspects of job completion. Managed job site personnel, maintained a safe work place environment, and led the team toward job completion with proper time management.

Security Forces (Sr. Airman) - Tinker Air Force Base, OK

Assistant Non Commission Officer In Charge of the Security Police Armory. Security Police Officer, duties included guarding priority A, B, and C aircraft and patrolling base as law enforcement officer.

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

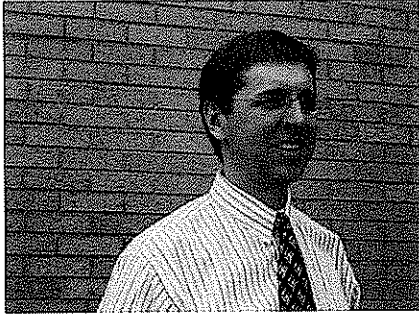
Mr. Fuller was principal or project manager for the following West Virginia Army National Guard Projects completed by Capitol Engineering, Inc..

- 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



RESUME

g&gbuilders

general contractor
construction manager
design builder

mission

At G&G Builders we work to build relationships and create a team environment to achieve success that remains Steps Above the Standard. Everything we do reflects this mission and the values that make it possible.

values

Lasting relationships
Honesty and integrity
Continuous improvement
Pride in craftsmanship
Knowledge and experience
Taking on big challenges and seeing them through
Accountability to customers and employees for commitments, results and quality

history

Established in 1976
Providing quality service and building lasting relationships for 30 years

professional credentials

Contractors Association of WV, member
Associated General Contractors of America, member
Kanawha Valley Builders Association, member
LEAD Drug Free Workplace Program

civic affiliations

Putnam County Chamber of Commerce, member
Tri-County YMCA, corporate member
Numerous community and educational programs, sponsor

professional accomplishments

West Virginia Conservation Contractor of the Year, 1994
Nominated for AGC Build America Award, 1995
Associated General Contractors of America Commendation for
Excellence in Safety, 2005, 2003, 1996 & 1998
Voted Best Builder in the Valley by Charleston Newspapers, 2005

RESUME

garyyoung | president

education

Various construction related professional seminars including
total quality management and alternative delivery methods
Project Management, Safety & Partnering Sessions
Putnam County Career & Technical Center
Two year welding course, state certification
Hurricane High School

employment history

G&G Builders Inc., Sole Owner, 1994 to present
G&G Builders Inc., Co-founder and Owner, 1976 to 1994

professional credentials

Contractor's Association of WV, former president
Young Presidents Organization, 1995 to 1999
Joint Architect committee, member chairman, 1991
West Virginia Safety Council, Inc.
Contractor's Association of WV Strategic
Planning Committee
Contractor's Association of WV Economic
Development Committee
Contractor's Association of WV Legislative Committee

civic affiliations

Governor's Partnership for Progress Council
Putnam County Chamber of Commerce,
Board of Directors, 1985 to 1990 & 1994 to 1999
Putnam County Chamber of Commerce, chairman, 1994
Tri-County YMCA Board of Directors, 1988 to 1989
Putnam County Zoning Study Committee
Putnam County Career & Technical Center
Advisory Council
Putnam County Rotary, charter member
State Tree Farm Committee, member

personal and professional accomplishments

Ernst & Young Entrepreneur of the Year award, 1998
Putnam County Community Development award, 2001
West Virginia Outstanding Tree Farmer of the Year, 1994

highlighted construction experience

Williamstown Readiness Center
Williamstown, WV
48,486 S.F. National Guard Army Readiness Center
General Construction

NGK Spark Plug Manufacturing Corporation
Pocatalico, WV
115,000 S.F. Spark Plug Manufacturing Facility
General Construction

Teays Valley Cinemas
Scott Depot, WV
37,826 S.F. 10 Plex Cinema
General Construction

Regional Jails & Correction Centers
Charleston, Logan and Barboursville, WV
554,464 S.F. Jails & correction centers
General Construction

Riverside High School
Diamond, WV
Construction Manager



RESUME

michaeldavis | vice president
general manager

education

Van High School, college prep curriculum
Marshall University, civil engineering

employment history

G&G Builders Inc., vice president/general manager,
1989 to present
Westar Construction Company, project manager,
1984 to 1989
Mid-West Tech, Dupont Plant, 1981-1984
J. Groves & Sons, excavation foreman, 1978 to 1981

professional credentials

Contractor's Association of WV, Education & Joint Architect committee
WV Schools to Work Construction Committee Member
LEAD Drug and Safety Training
Completed Contractor's Licensing in Virginia,
North Carolina, South Carolina and Indiana

civic affiliations

Putnam County Chamber of Commerce
Southern Baptist Convention National Committee
on Nominations
WV Bowhunters Association, member
Almost Heaven Archers, charter member
Cross Lanes Baptist Church, deacon, adult class teacher,
vision task force member

personal and professional accomplishments

Coached various youth football and basketball teams
Organize and conduct youth and adult archery
seminars throughout WV

highlighted construction experience

Chapmanville Regional High School
Chapmanville, WV
133,000 S.F. New high School
Construction Manager
General Construction

Calhoun County Middle/High School
Grantsville, WV
163,500 S.F. New Middle/High School
Construction Manager

International Coal Group LLC.
Scott Depot, WV
51,700 S.F. Office Headquarters
Design Build

Massey Coal Services
Julian, WV
72,000 S.F. Office Headquarters
Design Build

Toyota Motor Manufacturing
Buffalo, WV
1,125,000 S.F. Phase I, II and III
General Construction



RESUME

holliemassie | chief estimator

education

West Virginia University Institute of Technology, bachelor of science in technology management and associates in mechanical engineering technology
Cabell Midland High School

employment history

G&G Builders Inc., chief estimator
Ferguson Brothers Company, Inc., project manager, 2001 - 2008

professional credentials

Contractor's Association of WV
LEAD Drug & Safety Training
OSHA Ten Hour Training
OSHA Thirty Hour Training
WWSHE member

personal and professional accomplishments

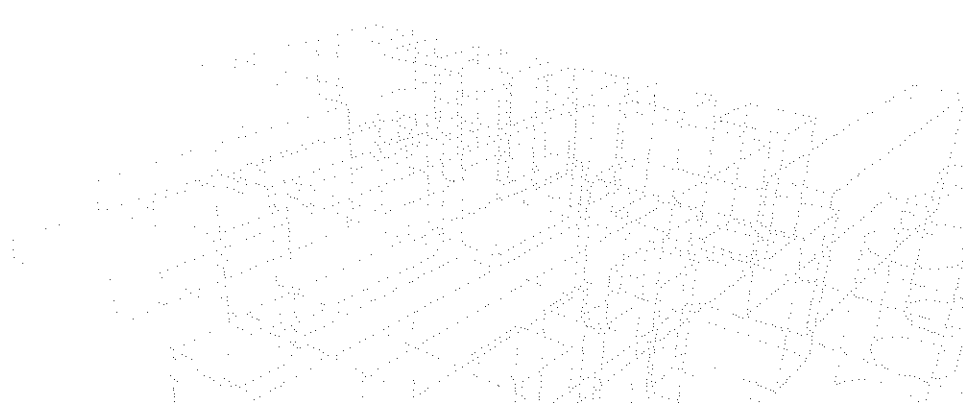
Coached youth softball and adult co-ed softball

highlighted construction experience

St. Mary's Medical Center
Huntington, WV
1,400 S.F. Cath Lab #4 / Renovation Project
General Construction

Toyota Motor Manufacturing
Buffalo, WV
1,100 S.F. Test Cell #5 / Renovation Project
General Construction

Weiser Office Building
Scott Depot, WV
14,500 S.F. New Facility
General Construction

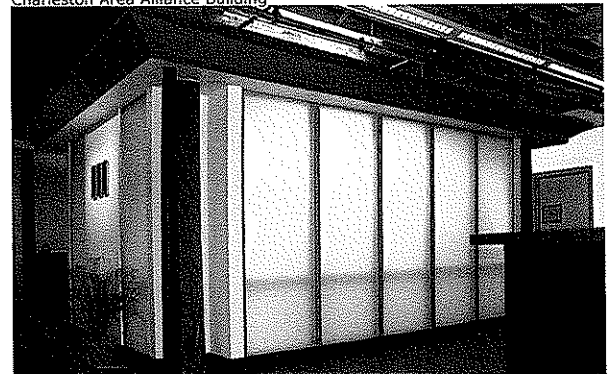


Corporate Information

Firm History

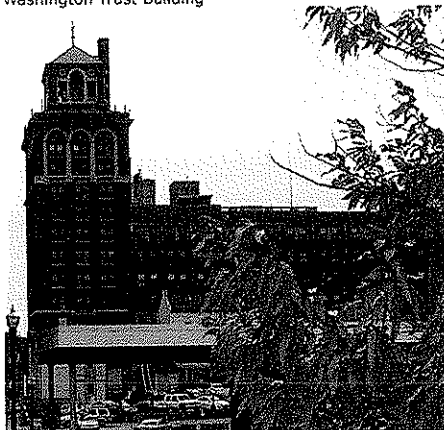
Founded in 1981, McKinley & Associates is a multi-discipline **full service Architectural & Engineering firm**, offering comprehensive **professional services in architecture, engineering, interior design and construction administration**. We have a broad range of skill and experience for projects involving medical, educational, governmental, commercial, religious and recreational operations. In January 2007, McKinley & Associates established a partial **Employee Stock Ownership Plan (ESOP)**, which is a benefit plan that gives our employees ownership of stock in our company. This is a **contribution to the employee**, not an employee purchase.

Charleston Area Alliance Building



McKinley & Associates' Charleston Office

Washington Trust Building



McKinley & Associates' Washington (PA) Office

Firm Information

David McKinley, PE
Principal

Tim Mizer, PE, RA
Director of Operations

Gregg Dorfner, AIA, REFP
Director of Architecture

Brad Crow, PE, LEED AP
Director of Engineering

Date of Incorporation

1981 Wheeling, West Virginia

Number of Professionals

Total Size	40+
Architects & Interns	12
Engineers	6
Project Coordinators	4
Quality Control	2
Arch./Eng. Designers	11
Interior Designer	1
MIS	1
REFPs	3
LEED APs	4

Locations

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

The Maxwell Centre



McKinley & Associates' Wheeling Headquarters

Credentials

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

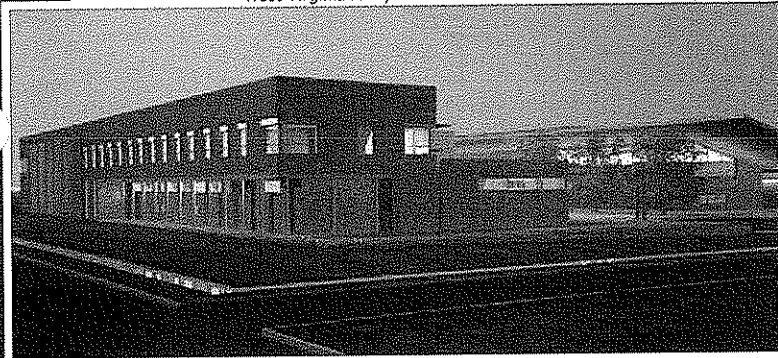
Qualifications

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 10 years our firm has been awarded **4 prestigious AIA Honor and Merit Awards** for our works.

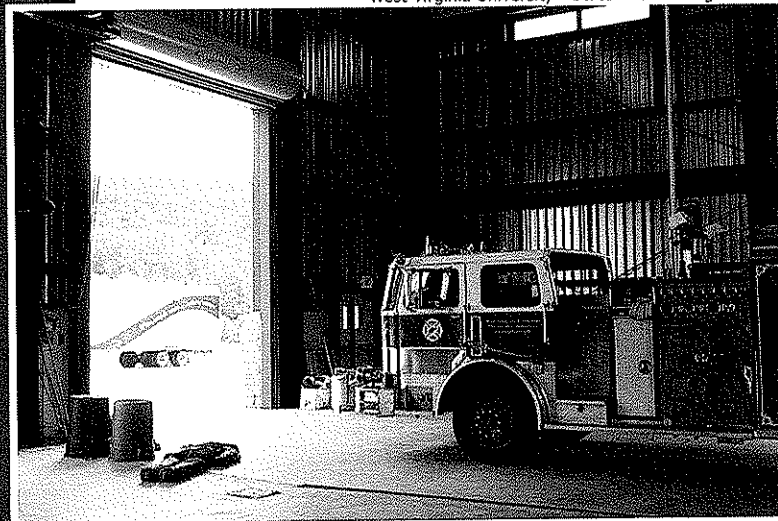
West Virginia State Police - Mason County Detachment



West Virginia Army National Guard - Mountaineer Challenge Academy



West Virginia University - State Fire Training Academy

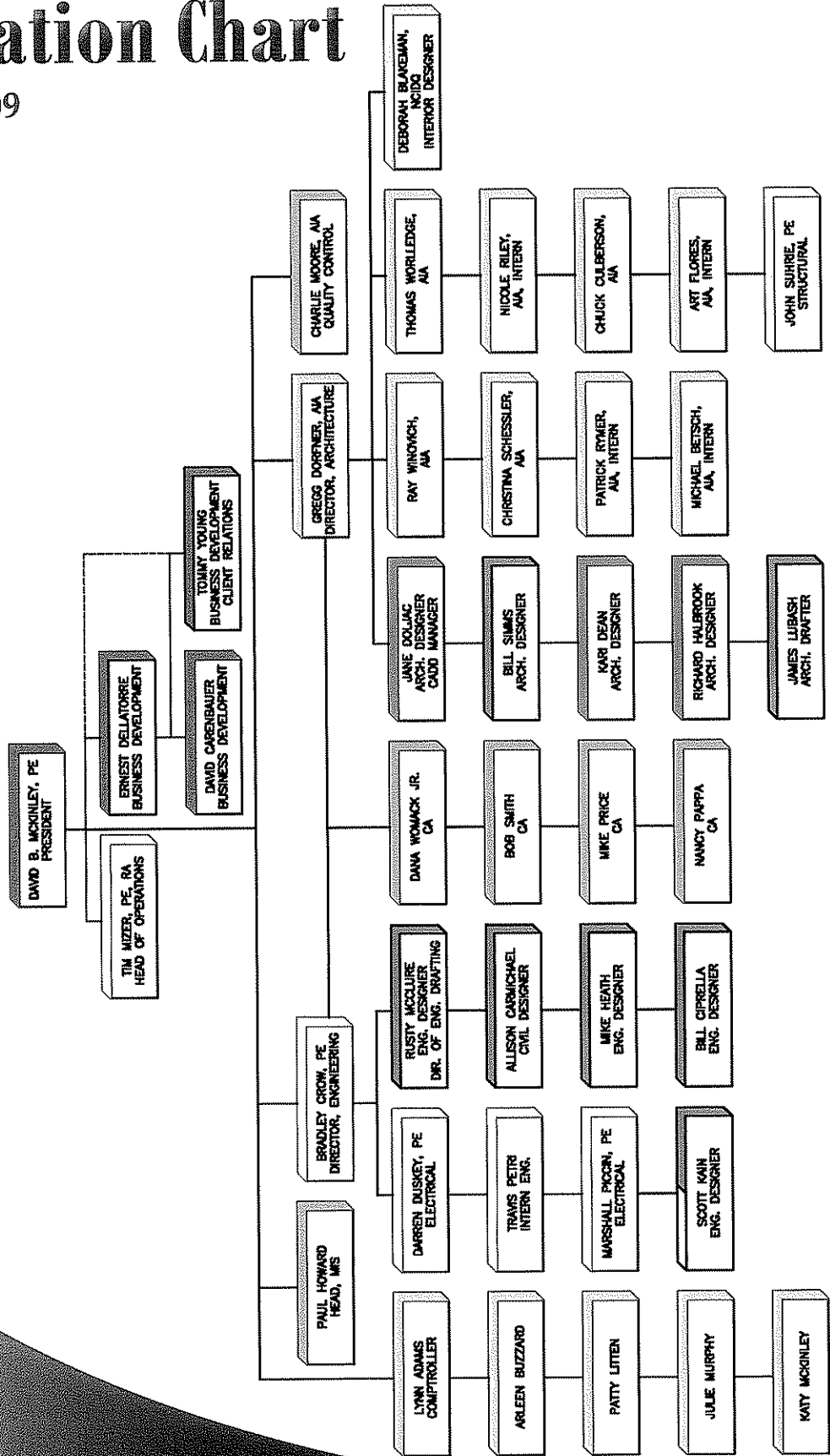


We understand your specialized facilities will have many different criteria to address; we have vast experience with permanent masonry type construction, brick and concrete block, concrete floors, metal roofs, single and two-story structures, mechanical and electrical equipment, parking, fencing, sidewalks, fire protection, outside lighting, access roads, security, storage, signage, flagpoles, loading ramps, HVAC, administrative / office space, work bays, as well as heated / unheated storage to name a few. We can handle the multi-purpose nature of these facilities. You might also have to address other criteria such as sensitivity to the people using the facility, safety and security, as well as cost and energy efficiency. With the team we have assembled, these will end up being cohesive, integrated, comfortable, healthy and flexible environments that are paramount attributes to provide for a serviceable facility.

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; Construction Administrators; LEED Accredited Professionals; Quality Controllers; Interior Designers and Recognized Educational Facilities Planners. We have provided professional services in all 55 counties of West Virginia.

Organization Chart

Revised 11-9-09



Management & Staffing Capabilities

In the past 30 years we have extensive experience with similar projects. The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We are available to start immediately upon our being selected. We can and will perform for you on time.

This team is an "In-House" team that works together everyday and has done most of the projects here as a group. These team members have been working up to fifteen years together at McKinley & Associates.

We hold weekly meetings to discuss your project, the budget, schedule and quality assurance. We provide Documented Minutes of all of our meetings and encourage the Owner to participate in these meetings.

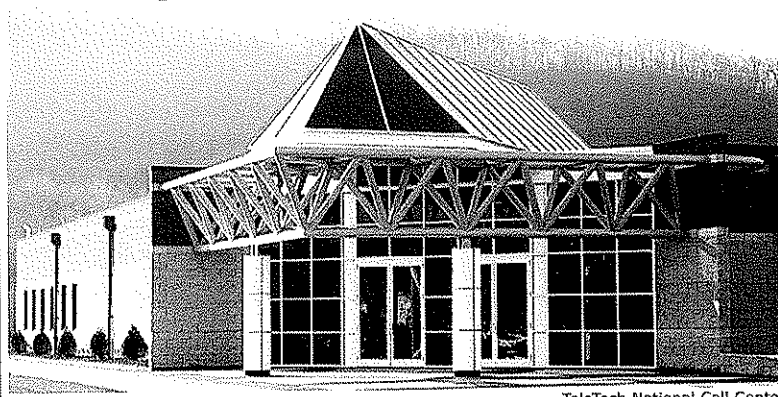
Our Project Coordinators have an extra responsibility than what most firms' Construction Administrators have; our Project Coordinators are a part of the design process from Day 1 (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our Project Coordinators have an important role as being the liaison between the Owner, Contractor, and Architect. The primary objective of the Project Coordination services is to ensure completion of work the way the client wants it - as scheduled and as budgeted. Our Project Coordinators evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders. The Project Coordinator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.

Our Eleven Month Walk-Through is a process where our professionals return to your facility eleven months after the project is completed. At that time they review all the work that was completed and check all warranties. We are making sure all of the covered work is in order and that the warranties do not expire with equipment or product not working properly. It should be noted that McKinley & Associates has been performing our eleven month walk-through for the past 13 years as part of our Standard of Care, and it only recently has been adopted as an AIA 101 Standard. We also conduct Post Occupancy Evaluations with the Owner to find out how well we matched the Owners' needs.

We also have an Interior Design department. Basic interior design services include determining the owner's project requirements, timetable and budget; analyzing space requirements; operating procedures; communication relationships; way finding (signage, directories, fire escape plan); furnishings and finishes; creating an inventory of existing conditions and determining future needs.

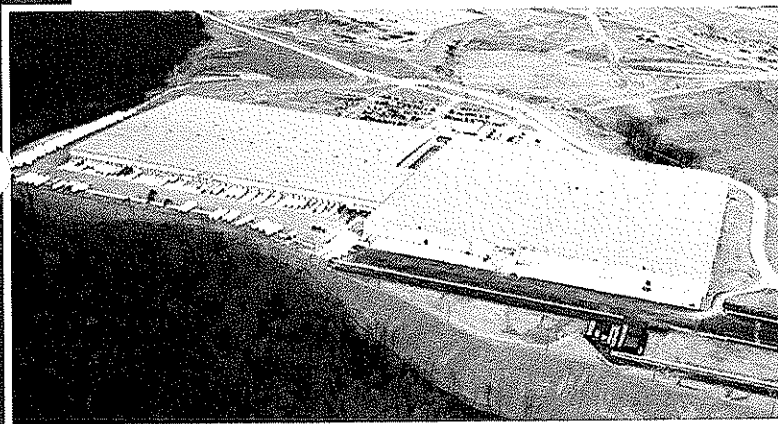
Fast-Tracking

Throughout the years we have worked on many "fast-track" projects such as the Cabela's Eastern Distribution Center in Wheeling, WV, Maclin Hall at West Virginia University's Institute of Technology in Montgomery, WV, as well as TeleTech National Call Center in Moundsville, WV. We achieved success by maintaining time and cost management, quality control and excellent communication amongst the client and contractors.



TeleTech National Call Center

When TeleTech needed to move into a new call center in 6 months; McKinley & Associates got the call. Teletch is a \$10 million project, and included in the structure are the following: sophisticated computer and communication systems with over 450 stations, 500 employee parking spaces, cafeteria, office and training rooms along with calling areas. The 58,000 SF building came in on time, on schedule, and on budget, and it became a prototype for all of the company's buildings.



Cabela's Eastern Distribution Center

The Cabela's Eastern Distribution Center is a commercial warehouse that was completed in two phases. The building measures 1.2 million SF, and is one of the largest buildings in the State of West Virginia. Included with the \$40 million structure are 300 trailer parking spaces, 750 employee parking spaces and storage area.

West Virginia University's Institute of Technology - Maclin Hall



In 2006, we designed an extensive (\$5M) renovation of Maclin Hall, a historic 53,900 SF dormitory building on the campus of WV Tech, in less than a month. The project 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.

We are confident that our design team can meet your timeline.

Quality Control

Quality control at McKinley & Associates, Inc. is a constant process which begins with the initial project activity and continues through document submissions, construction and owner occupancy. The longevity and size of the firm and our history of success completing complex and innovative projects is founded upon our commitment to this process.

During the design phases all personnel become fully versed in the client's program, project requirements and design standards. The design team is responsible for identifying for the client any potential conflicts between program criteria and design standards and resolving those conflicts to the client's satisfaction.

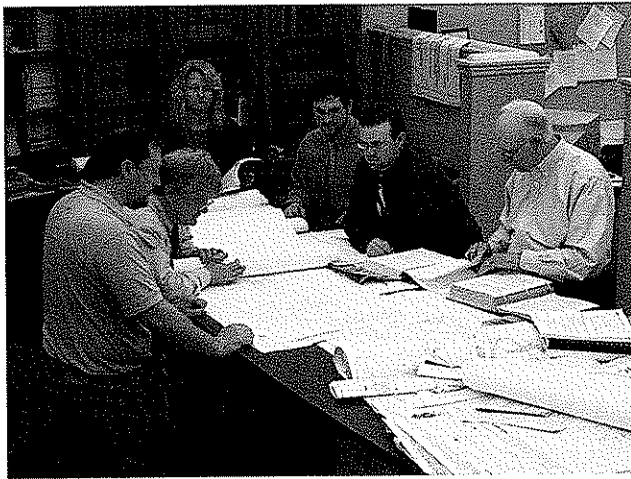
As the schematic/concept plans are developed, the Project Manager typically presents the plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture. Once a consensus is reached, the plans advance in the process.

Prior to the completion of each phase, a set of project documents is issued to each discipline and consultant for coordination, cross-checking and review. The following items are checked at that time:

- Drawings and specifications for program compliance.
- Drawings and specifications for internal coordination.
- Cost effectiveness of the design.
- Drawing accuracy.
- Compliance with appropriate codes and client standards.

After coordination check corrections are completed, the project architect reviews the documents and compares the completed documents with check prints to verify that corrections have been made in accordance with the project design criteria. A final review is made by the principal-in-charge.

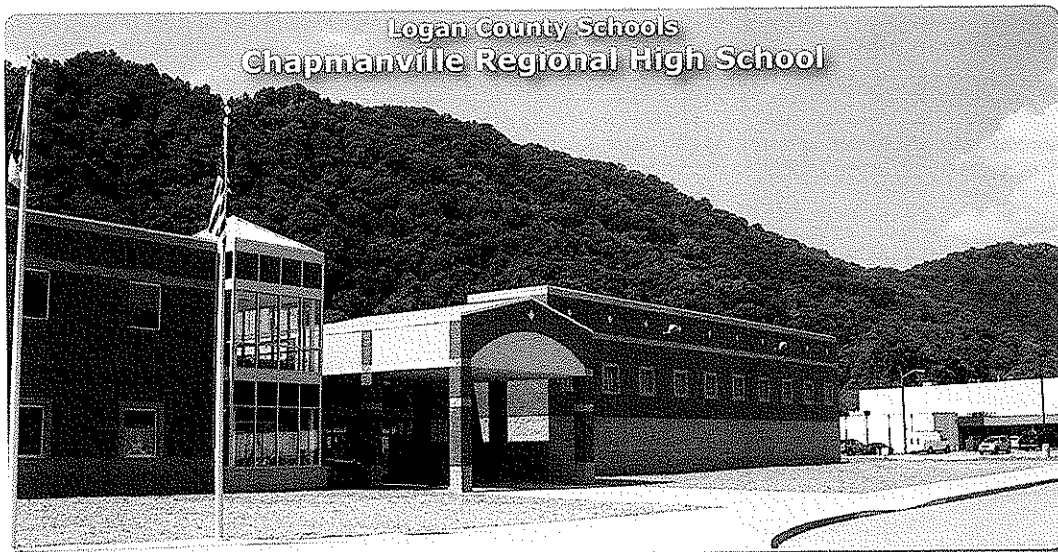
During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are checked by the project manager and appropriately referenced on the drawings. Copies of the final documents are distributed to the client and consultants for final review and approval. Comments are incorporated into the documents prior to issuance for bidding and construction.



Bid documents are issued after a final check to verify that all bid packages have current revisions included and are appropriately identified. Bid sets are numbered and registered to bidders so that each bidder may be kept informed of clarifications and addenda.

During the construction, the processing of shop drawings and submittals is controlled and monitored by the project manager. The standard turnaround for the receipt, logging, review and return of submittals is 10 working days. Complicated or specialized submittals may require additional time. Urgent items can often be expedited to satisfy the construction schedule.

Cost Effective Design



- Most Cost Effective New School Design in the Past 4 Years
- CRHS's final price ~ \$158.41/SF – source: SBAWV (includes site development, building construction, and all FF&E)
- New High School State Average in 2005 ~ \$188.26/SF
- 138,500 Square Feet
- Total Non-Owner Change Orders – 0.65%



- SBA's 2009 Limit on New Elementary School Design ~ \$217/SF
- Hilltop Elementary's final price ~ \$167/SF (includes site development, building construction, and all FF&E)
- 49,700 Square Feet
- Total Non-Owner Change Orders – 0.83%
- Construction complete with potential LEED Silver Certification

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.

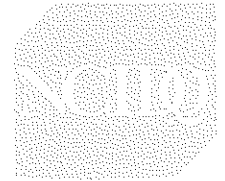
Application of current ADA and building codes will be applied to the developed plans for way finding (signage, directories, fire escape plan), furnishings and finishes. Attention to budget and maintenance is given in relationship to owner needs.

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.



National Council for
Interior Design Qualification

Construction Administration & On-Site Representation

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architect

Responsible for All Construction Meetings and Minutes

Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

Typically On-Site Once Every Two Weeks

(Provide Additional On-Site Representation if Requested)



Our Project Coordinators have an extra responsibility than what most firms' Construction Administrators have; our Project Coordinators are a part of the design process from Day 1 (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our Project Coordinators have an important role as being the liaison between the Owner, Contractor, and Architect. The primary objective of the Project Coordination services is to ensure completion of work the way the client wants it - as scheduled and as budgeted. Our Project Coordinators evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders. The Project Coordinator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.

Sustainable "Green" Design

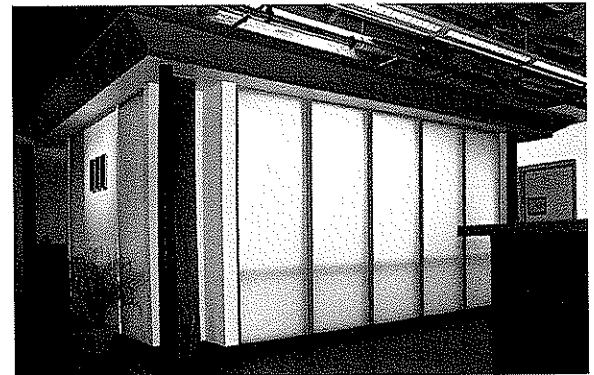
Buildings designed today will need to meet the demands of the future; McKinley & Associates identifies the changes necessary in the design of today and to meet these demands. This approach helps to retain the buildings' long-term profitability and value, which achieves the buildings' sustainability.

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.

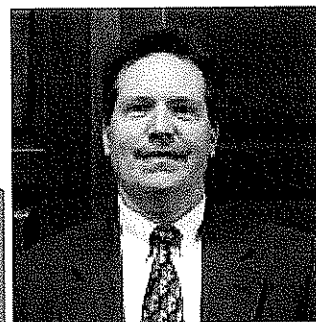
LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ developed by the U.S. Green Building Council (USGBC) is the nationally accepted standard for the design, construction, and operation of high performance green buildings. LEED recognizes that sustainable design requires a team approach to achieve the desired goals, and we have LEED Accredited Professionals (LEED AP) in both the architectural and engineering fields. We have **4 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.



McKinley and Associates has been honored to have won some very notable awards and to have received some very prestigious nominations over the years. We recently won a West Virginia Chapter of the American Institute of Architects 2009 Merit Award for our newly renovated Charleston Office; a project led by Thom Worlledge.



View of our award-winning Charleston Office renovation showing our centrally located conference room "Lantern." This glows all day long through the translucent walls, which are illuminated with natural daylight from a skylight above.



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.

LEED® & Net-Zero Energy

We have **4 LEED Accredited Professionals** on staff (including the Project Manager for your proposed project) in **both the architectural and engineering fields:**

Michael S. Betsch, LEED AP

Bradley A. Crow, PE, LEED AP

Christina Schessler, AIA, LEED AP

Thomas R. Worledge, AIA, LEED AP, REFP (Project Manager)

Our **LEED Registered Projects** are (LEED Rating System in parentheses):

Bellann in Oakhill, WV (LEED EB O&M)

Cameron Middle School/High School in Cameron, WV (LEED for Schools 2.0)

Hilltop Elementary School in Sherrard, WV (LEED for Schools 2.0)

West Virginia State Office Building in Logan, WV (LEED NC 2.2)

All 4 of our LEED Registered Projects are either under construction or under design with potential **LEED Certification** (Bellann) or potential **LEED Silver Certification** (Cameron Middle School/High School, Hilltop Elementary School, and the West Virginia State Office Building).

Furthermore, besides our LEED experience, we are also currently designing H3 LLC's new office facility in Milton, WV as a **Net-Zero Energy Building**. If we achieve the goal, it will be **one of only 9 Net-Zero energy projects in the country!** Here is a summary on Net-Zero Energy Buildings:

"In general, a net-zero energy building produces as much energy as it uses over the course of a year. Net-zero energy buildings are very energy efficient. The remaining low energy needs are typically met with on-site renewable energy."

- source:

U.S. Department of
Energy website



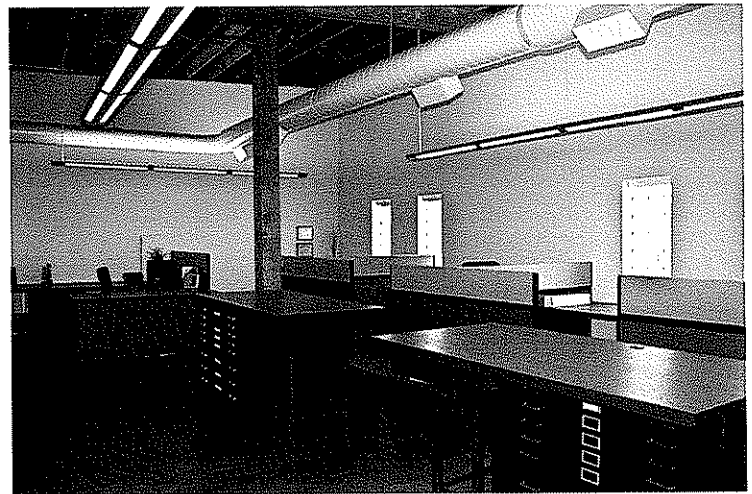
McKinley & Associates Charleston Office



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.

We recently won a West Virginia Chapter of the American Institute of Architects 2009 Merit Award for 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.

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.

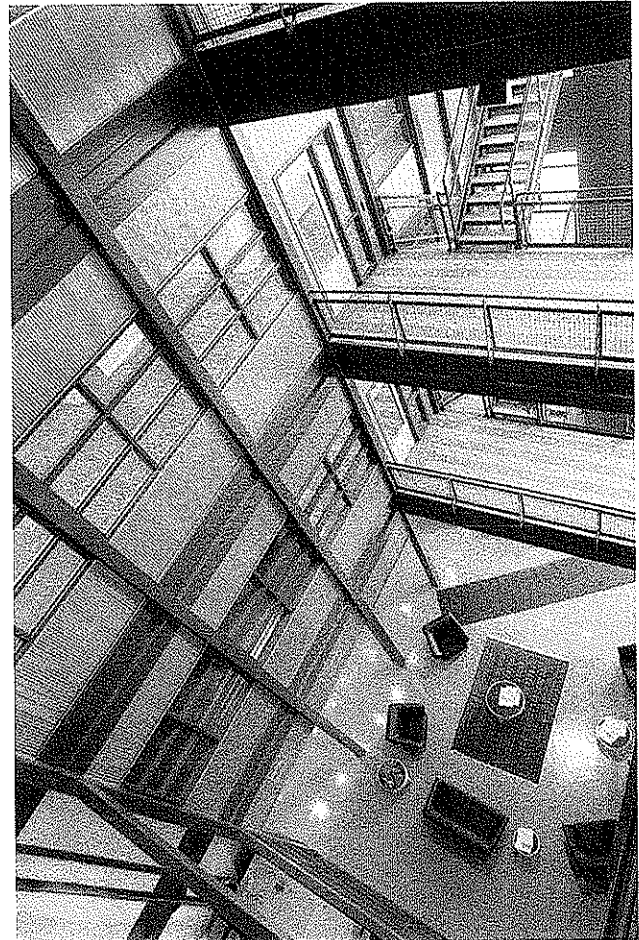
The following are the federal agencies we have designed for in the past:

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:

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.



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

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

Government-Funded Experience

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.

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.

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.

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.

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.



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.



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

Mountaineer Challenge Academy WV Army National Guard

Kingwood, West Virginia

Owner
WV Army National Guard

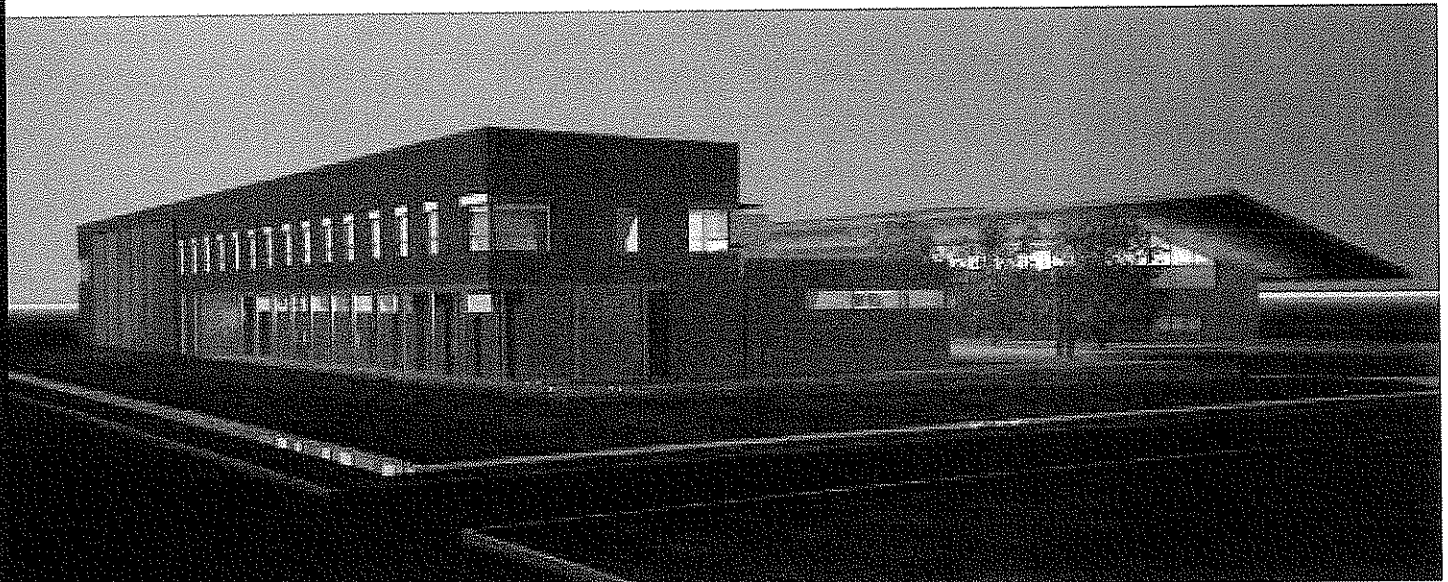
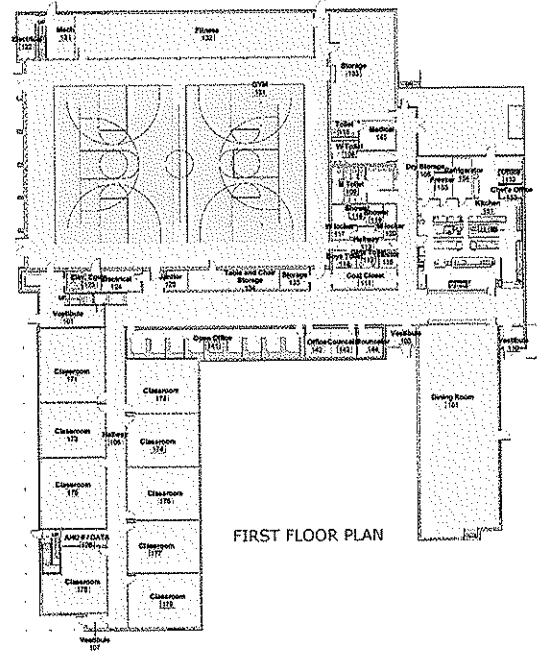
Size
54,800 SF approx.

Construction Cost
\$12.7 million

Project Architect
Hamid Noughani

Project Engineers
McKinley & Associates

Currently under construction is the Mountaineer Challenge Academy, located at Camp Dawson in Kingwood, WV. Our involvement in this project includes MEP engineering and contract administration. The building program includes staff offices, counselors offices, support staff areas and a medical assistance space to accommodate the needs of the student residents.



The residents require classrooms, an exercise area and a full service kitchen with dining facility; these spaces will house 160 young adults living at Camp Dawson as part of the Challenge Academy. The gymnasium will accommodate physical activity, weight training and serves as the central hub of the complex. Drill exercises and formations as well as graduation ceremonies will be held here.

Multi-Purpose Building at Camp Dawson WV Army National Guard

Kingwood, West Virginia

Owner

WV Army National Guard

Size

55,000 SF approx.

Project Architect

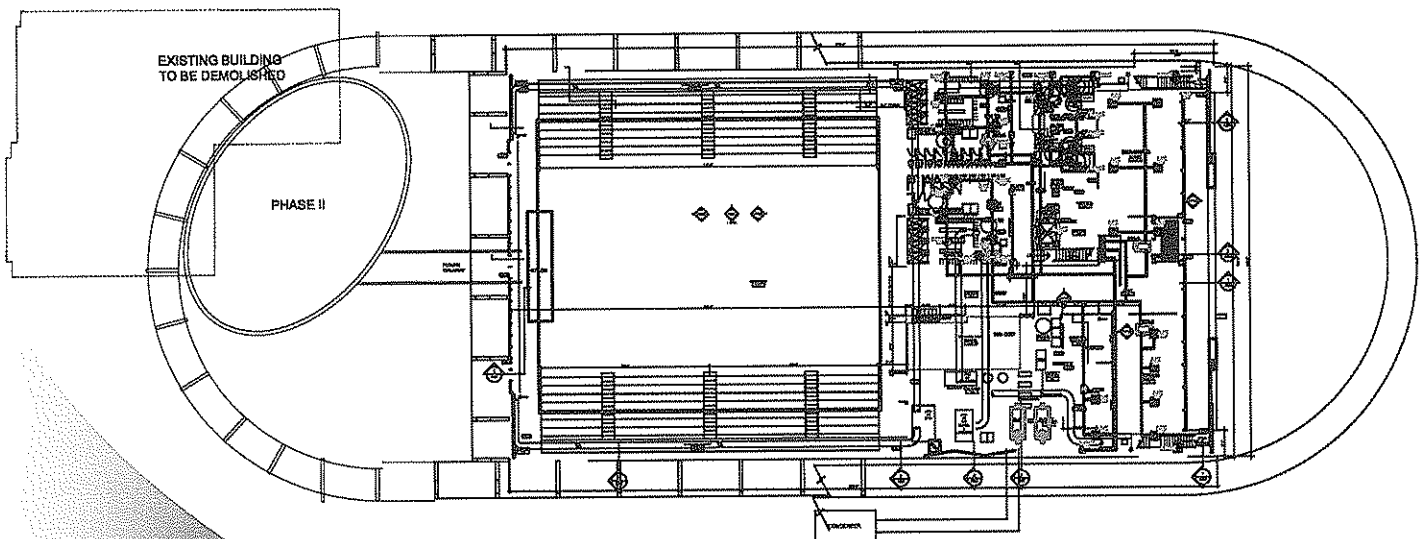
Hamid Noughani

Project Engineers

McKinley & Associates

The mission of the Multi-Purpose Building at Camp Dawson is a permanent multi-use masonry steel-framed structure with supporting facilities for military units of the West Virginia Army National Guard. The facility is located in Kingwood, Preston County, WV. The building's design was completed in 2009.

The facility houses offices, a conference room, a locker room, shower facilities, a physical fitness area, and a large open space (gymnasium). The facility and grounds include parking, attached and detached storage, landscaping, security lighting and fencing, and a unique entry. This project was designed with energy recovery systems.



State Fire Training Academy West Virginia University

Wheeling, 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

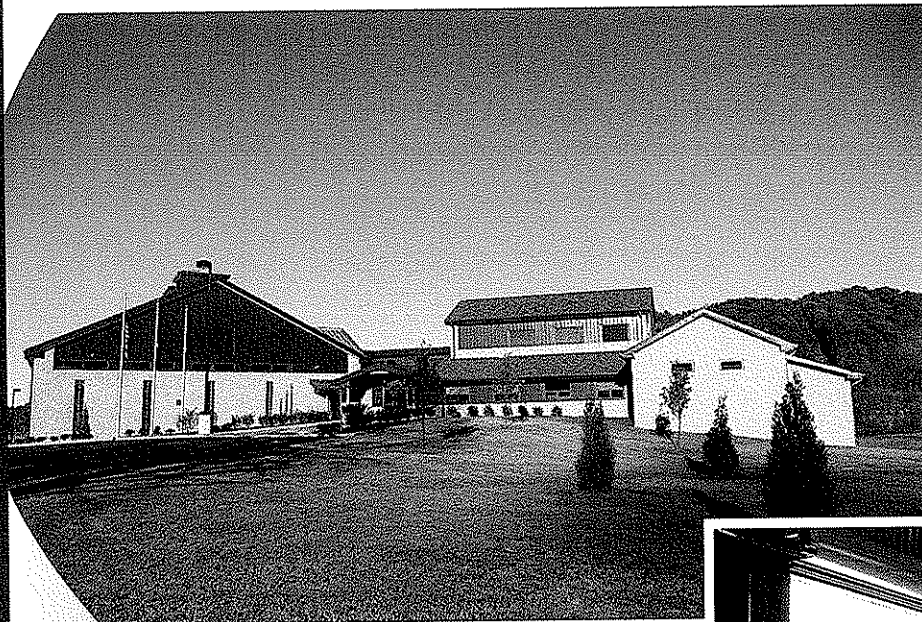
Project Architect

Christina Schessler, AIA, LEED AP

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 8,300 square foot 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.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

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

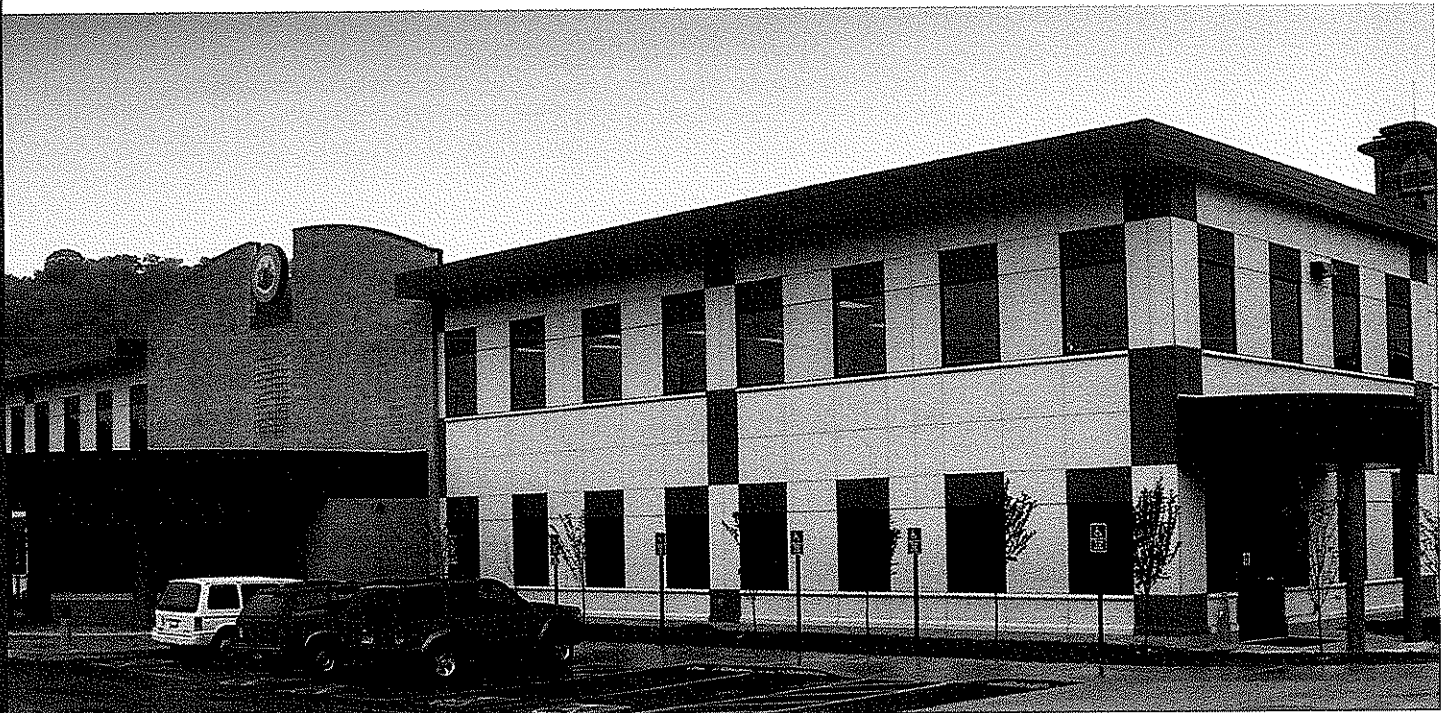
Walters Construction

Architectural and Engineering

design on a new building in the Weirton

Municipal Plaza in Weirton, West Virginia.

This two story art-deco style building houses 6 state agencies: the Division of Motor Vehicles, the Bureau of Employment Programs, Rehabilitation Services, the Lottery Commission, the Department of Health and Human Resources, and the Work Force Investment Board. Construction was completed in 2006.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

West Virginia State Building

Logan, West Virginia

Owner
State of West Virginia

Size
50,000 SF approx.

Construction Cost
\$12 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Thomas R. Worledge, AIA, LEED AP



We are nearing completion of the design phase on this \$12 million project for the West Virginia General Services Division. This 5 story, 50,000 SF (not including basement area) State Office Building is intended to consolidate office space of state agencies currently located in Logan, West Virginia as well as provide moderate space for future customers. This office building will be part of a new generation of State office buildings that will provide flexibility for future growth and/or office renovations and be cost effectively adaptable when relocating other agencies into the space. The State of West Virginia has chosen to try and achieve a silver **Leadership in Energy and Environment Design (LEED NC 2.2)** rating as awarded by the US Green Building Council (USGBC) for the new office structure.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Hilltop Elementary School Marshall County Schools

Sherrard, West Virginia

Owner
Marshall County Schools

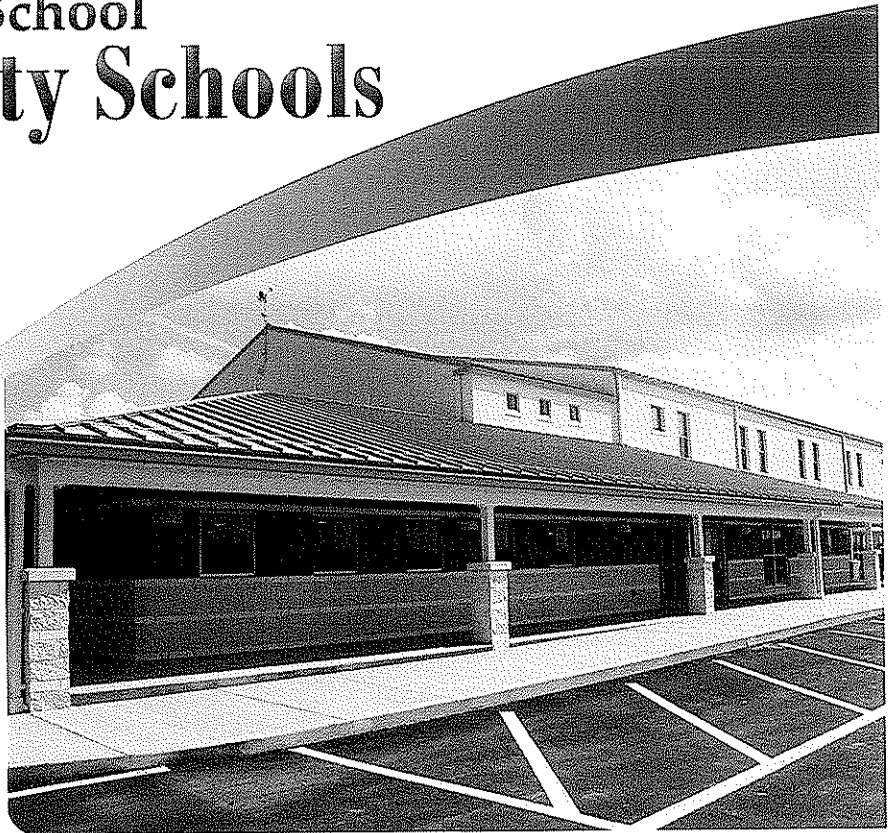
Size
49,700 SF approx.

Construction Cost
\$8.4 million

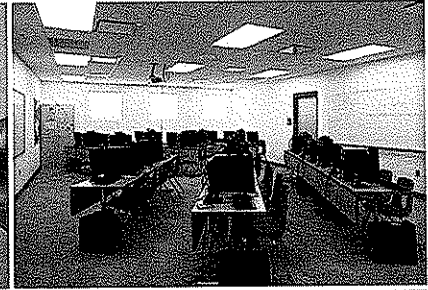
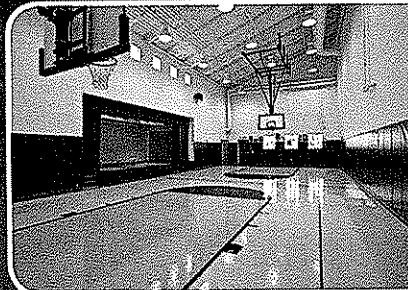
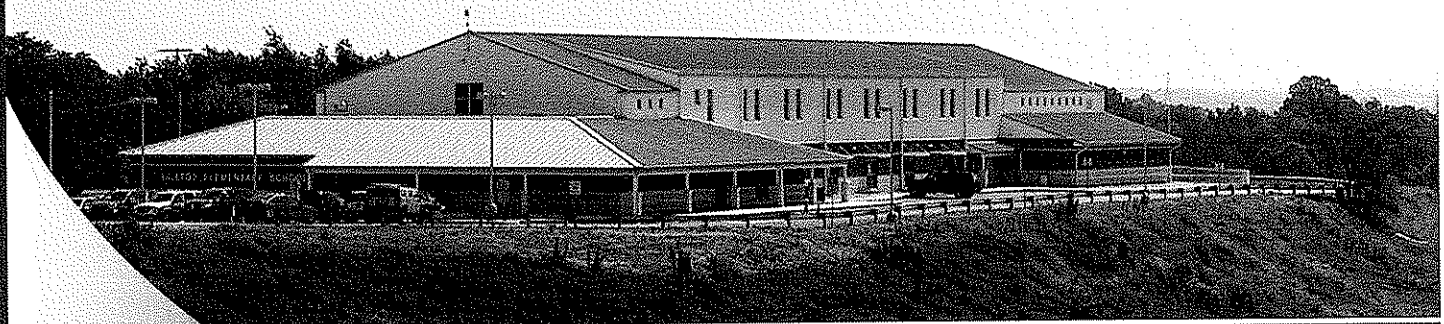
Project Architects-Engineers
McKinley & Associates

Project Architect
Thomas R. Worlledge, AIA, LEED AP

Contractor
Grae-Con Construction



This project for Marshall County Schools is nearing completion and has been under construction with potential LEED Silver Certification. For one, a lot of time was spent researching LEED-approved furnishings, finishes, etc. to make the interior energy conservation aspect a success. In addition, this school has been designed with **cost effectiveness** in mind; the School Building Authority's 2009 Limit on New Elementary School Design is \$217/SF, but Hilltop Elementary's final price is less than \$170/SF. This school is 49,700 Square Feet, and the total non-owner change orders is 0.83%.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

West Virginia State Police

Owner

West Virginia State Police

Construction Cost

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

Project Architects-Engineers

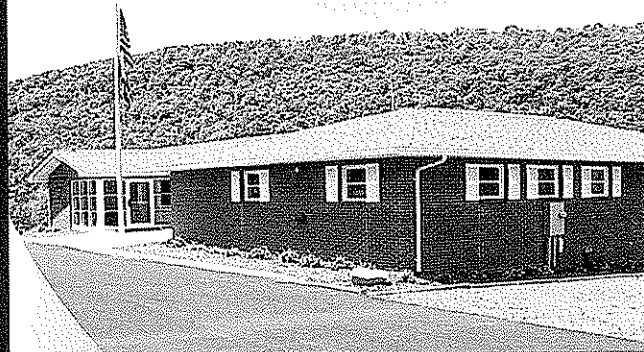
McKinley & Associates



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



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.



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** includes the following departments: DMV, MVI, Interstate Patrol, Drug Enforcement, BCI & regular squad space.



For the past 10 years, we have been honored to have multiple **open-ended contracts** with the WVSP. We have completed **architectural and engineering design services** on new detachments in **Morgantown, Wheeling and Berkeley, West Virginia** to name a few. Moreover, we also have completed numerous **renovations** as well as **additions** on police detachments throughout the State.

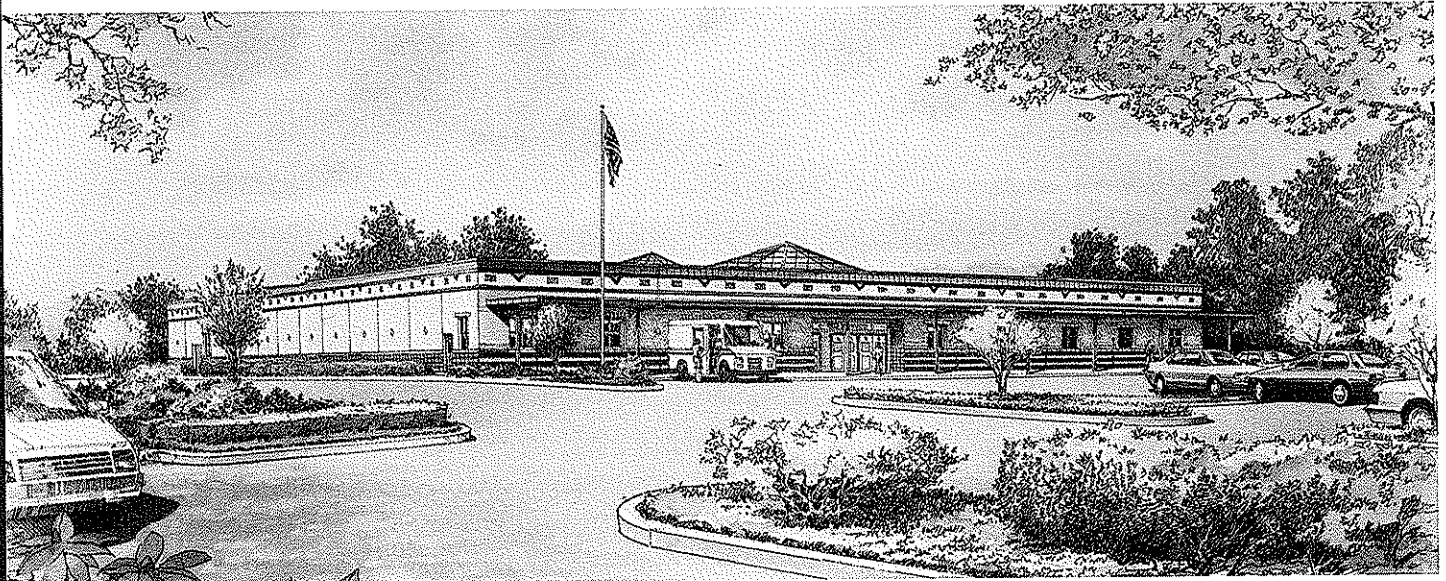
McKinley & Associates is proud to showcase continuous work for the **West Virginia State Police** throughout our region, and we are pleased to say that we have also surveyed, reviewed, projected, budgeted, and documented **72 police facilities** throughout the state.

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.

In addition to West Virginia, we also have an open-end agreement for the USPS Erie/Pittsburgh District in Pennsylvania.

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Wheeling Island Fire Station

Wheeling, West Virginia

Owner
City of Wheeling

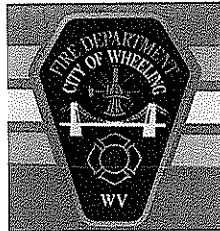
Size
8,000 SF approx.

Construction Cost
\$1.3 mil.

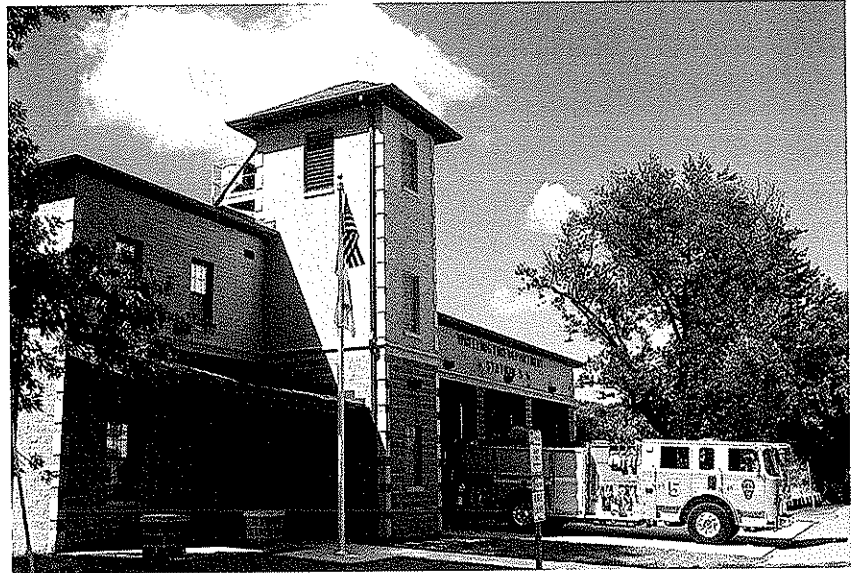
Project Architects-Engineers
McKinley & Associates

Project Architect
Christina Schessler, AIA, LEED AP

Contractor
Walters Construction



The Wheeling Island Fire Station proved to be a very exciting and interesting project for McKinley & Associates. The station was built for the Wheeling Fire Department's Engine Company No. 5, who not only work here, but also live in this building during their shifts. Included are a garage, living quarters, kitchen and gym.



Serbian-American Cultural Center

Weirton, West Virginia

Owner
Serbian-American Cultural Center

Size
24,000 SF

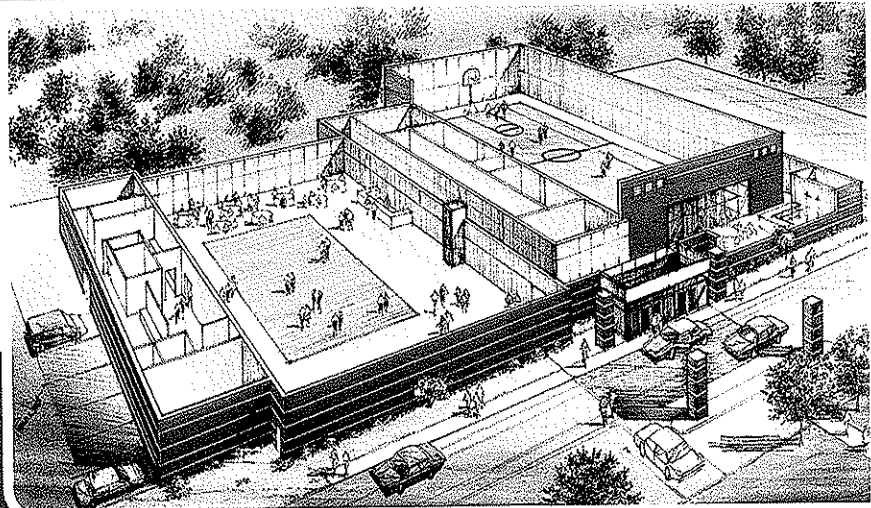
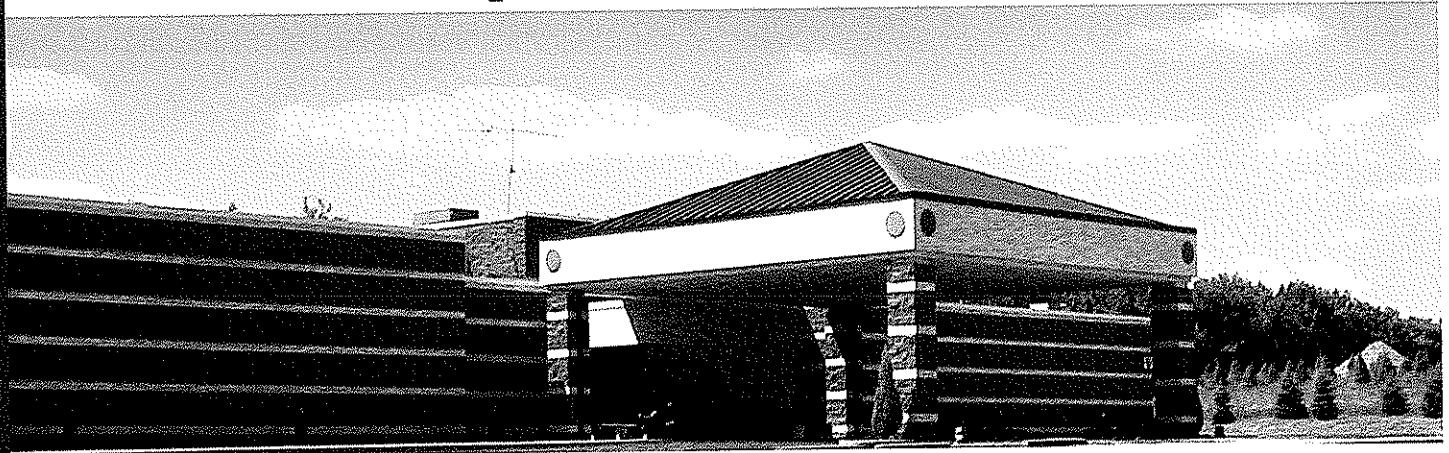
Construction Cost
\$2 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Charles Moore, AIA

Contractor
Walters Construction

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.



 **McKINLEY & ASSOCIATES**
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Millennium Centre

Triadelphia, West Virginia

Owner

Ohio Valley Industrial & Business
Development Corporation

Project Architects-Engineers

McKinley & Associates

Project Architect

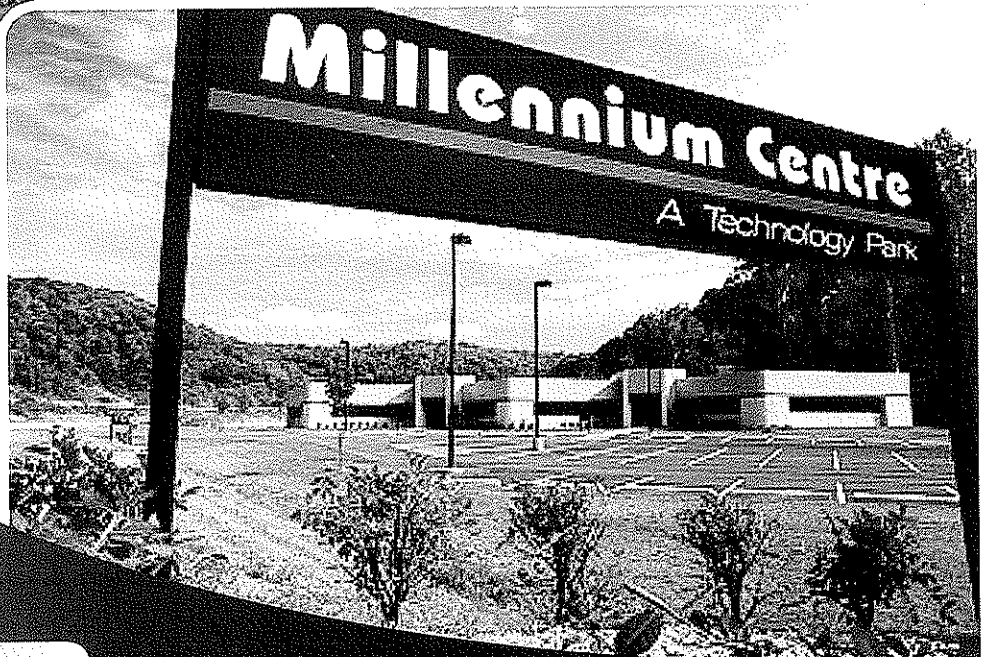
Charles Moore, AIA

Contractor

Grae-Con Construction



McKinley & Associates is proud to have participated in creating these state of the art facilities. The Millennium Centre is 20-acre technology park located along Interstate 70. One of the main tenants in this advanced industrial park is Touchstone Research Laboratory.



Cabela's Eastern Distribution Center

Triadelphia, West Virginia

Owner
Cabela's

Size
1.2 million SF (includes phases I & II)

Construction Cost
\$40 million

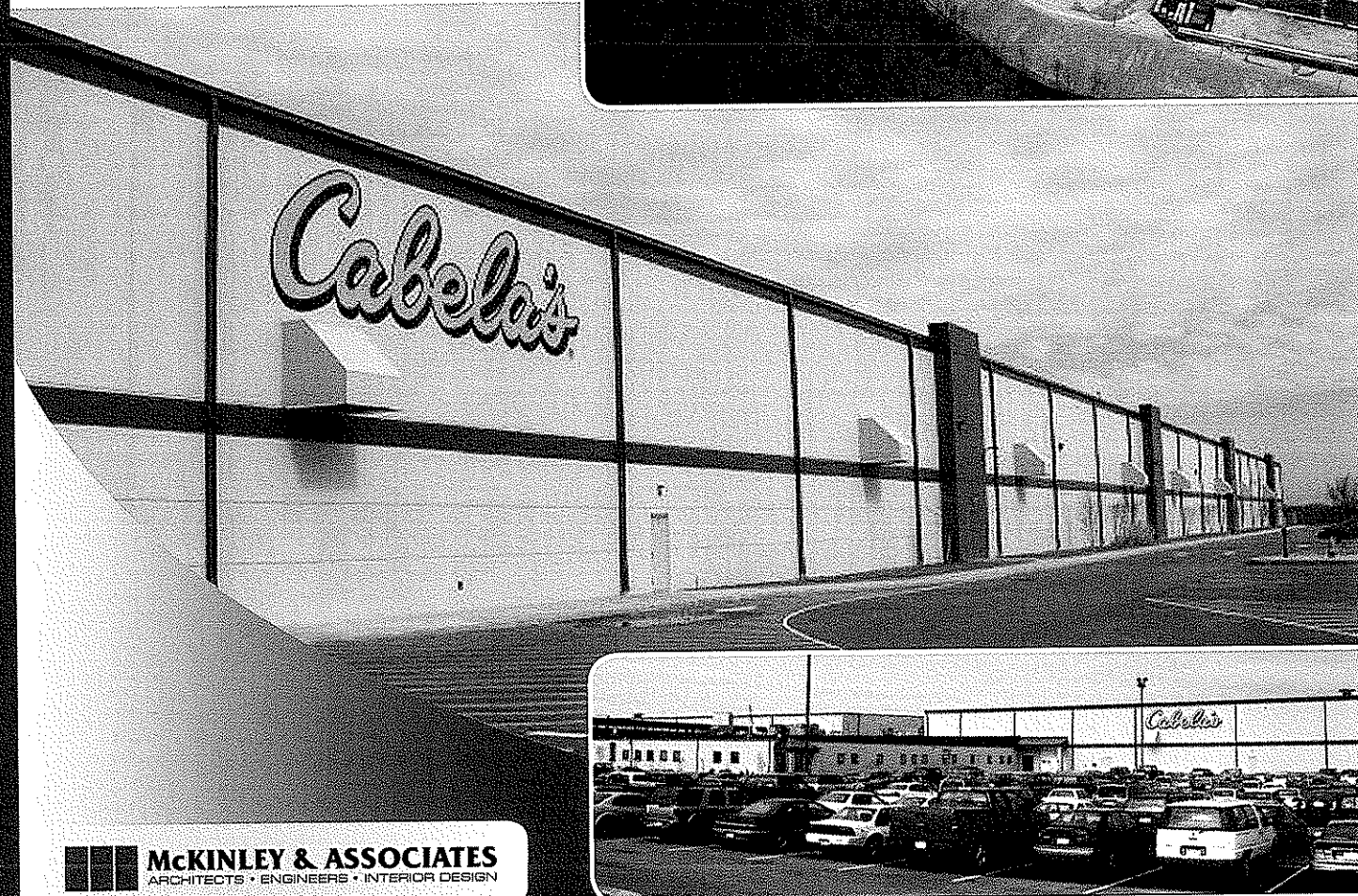
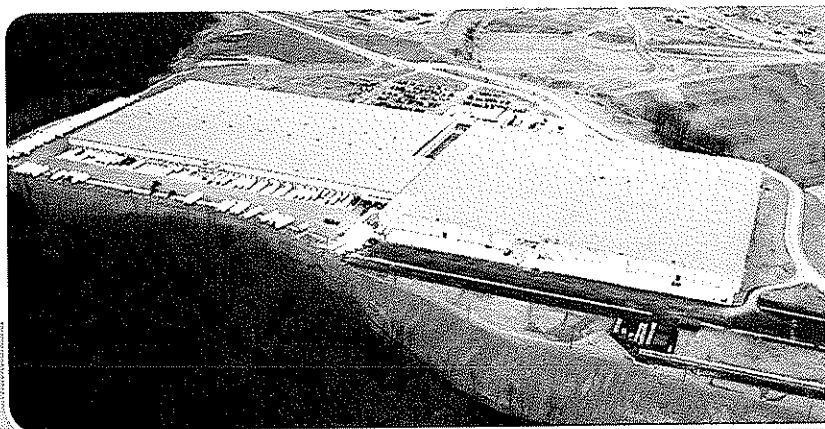
Project Architects-Engineers
McKinley & Associates

Project Architect
Gregg Dorfner, AIA

Contractor
Norwood Construction

Architectural and Engineering
design on a new commercial warehouse
for Cabela's Eastern Distribution Center in

Dallas, West Virginia, that was completed in two fast-tracked phases. The building measures 1.2 million square feet (600,000 SF for each of Phase I and Phase II), and is one of the largest buildings in the State of West Virginia. Included in the structure are the following: **hundred of trailer parking spaces, 750 employee parking spaces, 90 loading docks, an administrative office building, a 12,000 SF employee lunch room and storage area.**



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Orrick Building

Wheeling, West Virginia

Owner
Orrick Corporation

Size
88,000 SF approx.

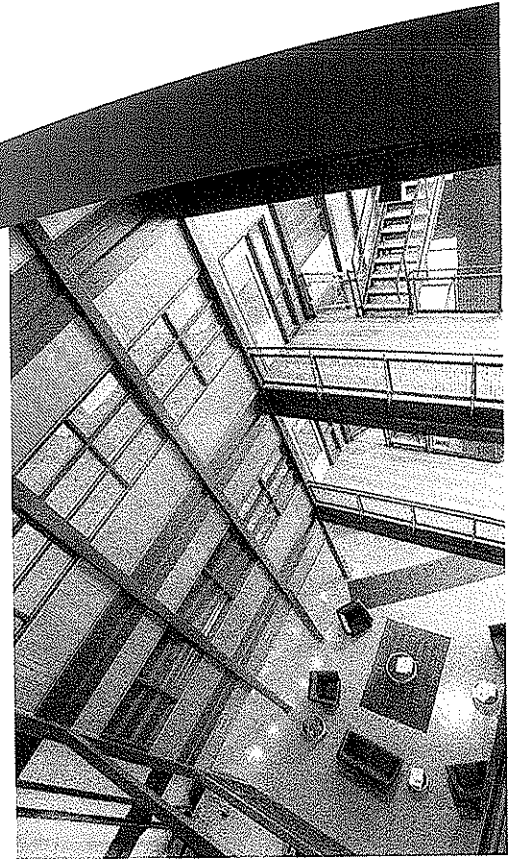
Construction Cost
\$8 million

Project Architects-Engineers
McKinley & Associates

Project Architect
David B. McKinley, PE

Contractors
John Russell Construction

This four-story, 88,000 SF former historic warehouse is now "Class A" office space in downtown Wheeling. The building houses the international law firm Orrick. This 100 year old warehouse was renovated to create some of the most creative office space in the State. Architecture and engineering design was completed in-house and included structural, mechanical, civil, electrical and fire suppression systems. The project cost was in excess of \$8 million dollars and won the AIA Merit Award.



Security for the facility was to be comparable to the rest of the firm's nation-wide facilities. It should not appear fortress-like. The security system included:

1. Card access system that allows single card with multiple-levels of access programmed into that card is desired.
2. The firm currently uses cards that are Motorola based. A local vendor will likely have similar franchise and we will work towards intent and quality, not brand.
3. There will not be a full time receptionist, especially upon initial opening.
4. Card reader access is required at front door, NOC, elevators, loading dock, stairs, and other sections to be developed.
5. Glass break and/or motion detectors are required on the ground level.
6. An intercom will be required at the front door.
7. Security cameras were placed at the loading dock, rear parking lot, and front door.



Panhandle Cleaning and Restoration warehouse and offices

Triadelphia, West Virginia

Owner

Panhandle Cleaning & Restoration

Size

32,000 square feet including
the 6,400 SF 2-story mezzanine

Construction Cost

\$3.5 mil.

Project Architects-Engineers

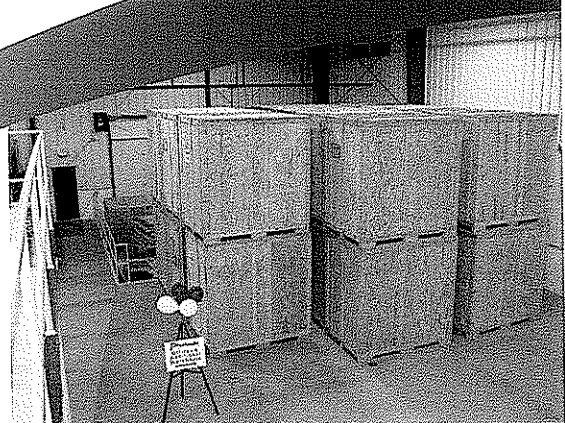
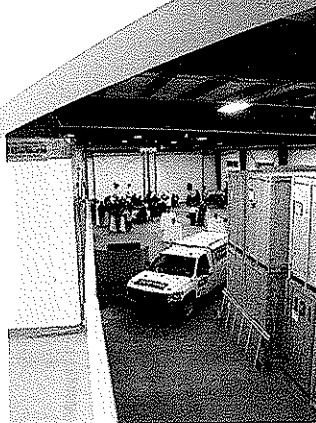
McKinley & Associates

Project Architect

Christina Schessler, AIA, LEED AP

Panhandle Cleaning & Restoration invested \$3.5 million in a new prefabricated metal building. The exterior measures 130'x200', which includes a 6,400 SF 2-story mezzanine within the structure, providing 32,000 total warehouse square feet. The exterior walls are finished with masonry infill and metal siding. Interior space varies between 20' - 30' clear of the metal structure. The free-standing masonry area with a conventionally framed platform above it provides an additional storage area enabling the Owner to take advantage of the 2 ½ story clear height along one end of the warehouse. An additional prefabricated 8,600 SF, 2-story office building is attached to the warehouse along the high side of the warehouse.

Panhandle provides disaster clean-up services and therefore required some special plumbing and mechanical systems: a separate de-ionizing water system, fully exhausted ozone decontamination rooms and electronic equipment drying areas were engineered into the warehouse space.



FRONT ELEVATION

TeleTech National Call Center

Moundsville, West Virginia

Owner
TeleTech Corporation

Size
58,000 SF

Construction Cost
\$9.5 million

Project Architects-Engineers
McKinley & Associates

Project Architect
David B. McKinley, PE

Contractor
Walters Construction



This project had a 6 month time frame. The final building came in on time, on schedule, and on budget.



Architectural and Engineering design on a new commercial building to serve as a National Call Center in Moundsville, West Virginia. The building measures 58,000 SF. Included in the structure are the following: sophisticated computer and communication systems with over 450 stations, 500 employee parking spaces, cafeteria, office and training rooms along with calling areas. The call center became a prototype for all of the company's buildings.

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

NASA's Classroom of the Future Wheeling Jesuit University

Wheeling, West Virginia

Owner
Wheeling Jesuit University

Size
48,000 SF approx.

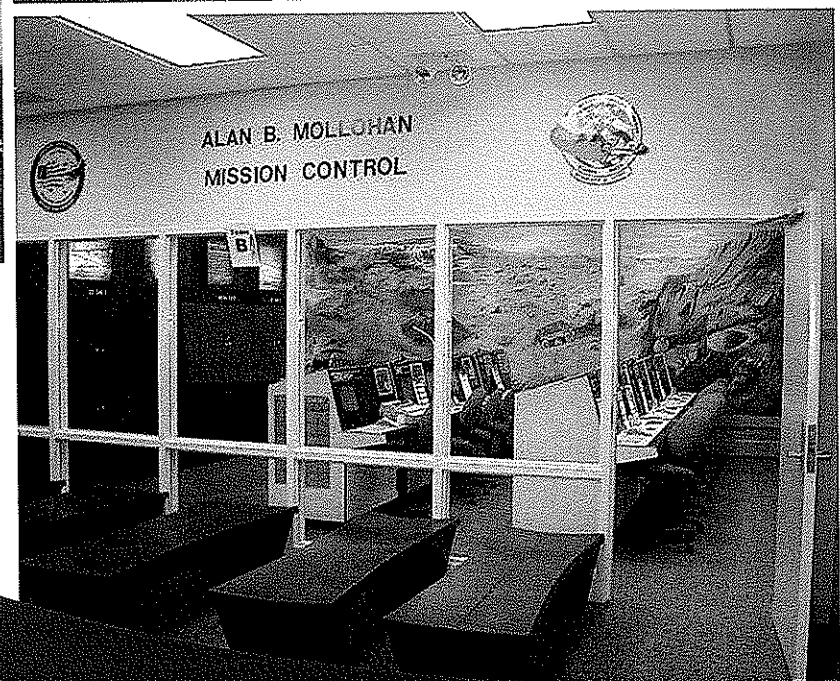
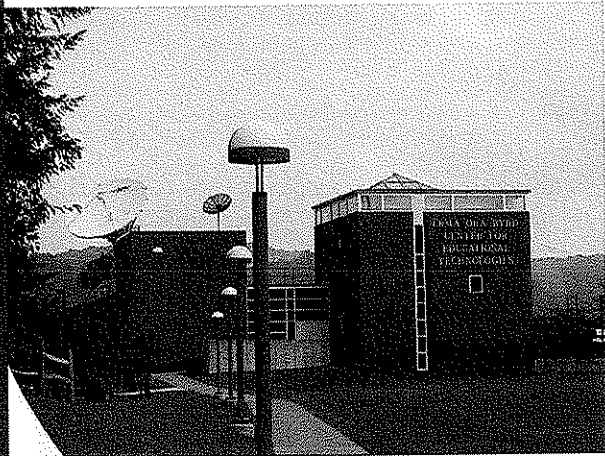
Construction Cost
\$9 million

Project Architect
Bohlin, Cywinski, Jackson

McKinley Architect
Charlie Moore, AIA

Contractor
Colaianni Construction

The Classroom of the Future in the Erma Ora Byrd Center for Educational Technologies serves as NASA's principal research and development center for education technologies. The building includes a museum, space control room for students to interact, classrooms, as well as offices. For this project, McKinley & Associates teamed up with BCJ out of Pittsburgh, Pennsylvania.



National Technology Transfer Center Wheeling Jesuit University

Wheeling, West Virginia

Owner

Wheeling Jesuit University

Size

85,000 SF approx.

Construction Cost

\$9 million

Project Architect

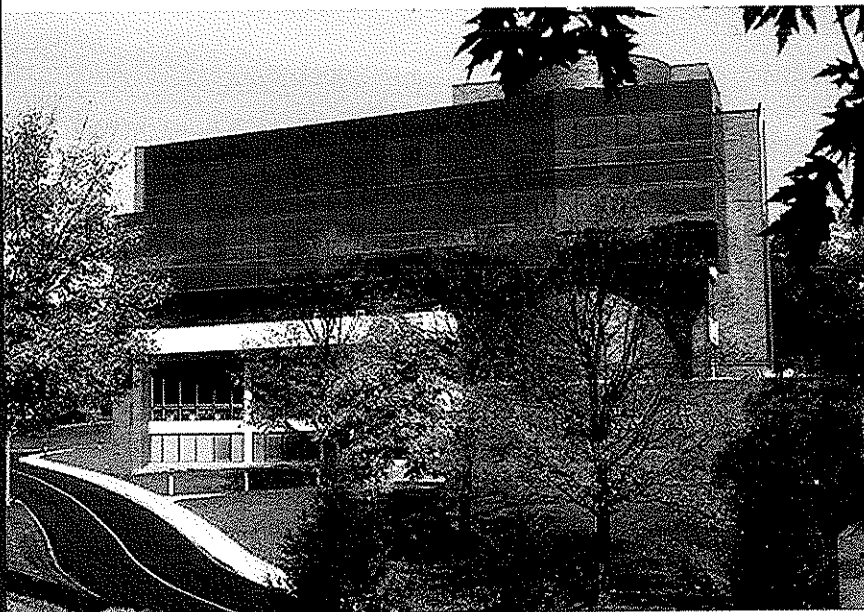
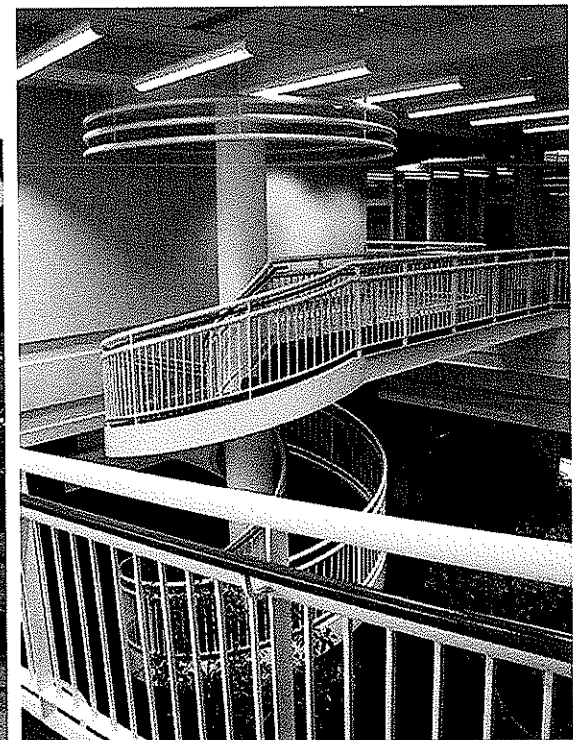
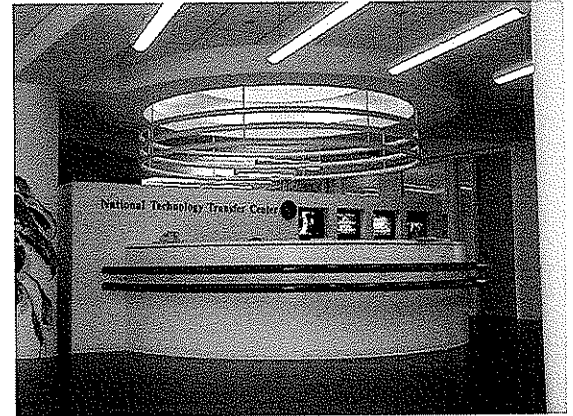
WTW Architects

McKinley Architect

Charlie Moore, AIA

Contractor

Colaianni Construction



The Robert C. Byrd National Technology Transfer Center is a 85,000 SF facility containing **upscale technology** and serving as a **learning center for students of all ages**. The building includes classrooms as well as offices, and serves as the signature building for this fast-growing campus. We teamed up with WTW out of Pittsburgh, PA on this project.

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

References

WEST VIRGINIA STATE POLICE

(Open-Ended Contract)

First Sergeant Rick Pursley

4124 Kanawha Turnpike

South Charleston, WV 25309

304/746-2253

UNITED STATES POSTAL SERVICE

(Indefinite Quantity Contract 362575-06-J-0388 - Statewide in West Virginia)

(Indefinite Quantity Contract 362575-09-J-0232 - Erie/Pittsburgh District in Pennsylvania)

Mr. Don Mackey

27497 Albert Pick Road

Greensboro, NC 27498

304/665-2894

WEST VIRGINIA UNIVERSITY

(Open-End Architectural / Engineering Services contract)

Mr. Robert Moyer

979 Rawley Lane

Morgantown, WV 26506

304/293-2873

LEED Projects MARSHALL COUNTY SCHOOLS
(CEFP 2010-2020 including Open-End Contract)
Mr. Fred Renzella
Post Office Box 578
Moundsville, WV 26041
304/843-4405

STATE OF WEST VIRGINIA
DEPARTMENT OF ADMINISTRATION
Robert P. Krause, PE, AIA
1900 Kanawha Boulevard East
Charleston, WV 25305
304/558-9018



McKINLEY & ASSOCIATES
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Client Testimonials

Rick Pursley First Sergeant

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."

Bill Niday Superintendent

Wood County Schools

"The way they have serviced our County has been unmatched, they have been here so many times for face to face meetings with our staff as well as the Contractors. I would highly recommend this firm to anyone."

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 National Guard Readiness Center in the vicinity of Parkersburg, West Virginia. 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

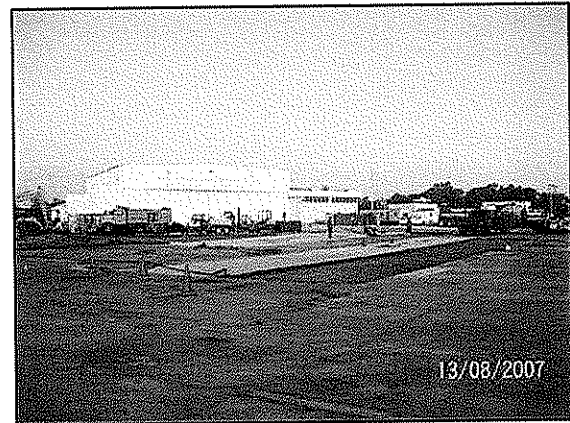
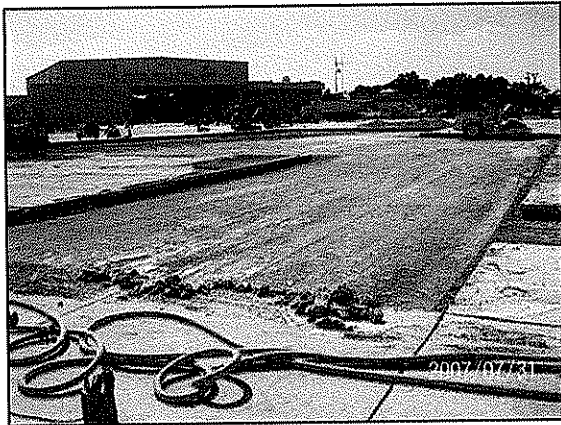
Wood County Airport
Parkersburg, West Virginia

Owner

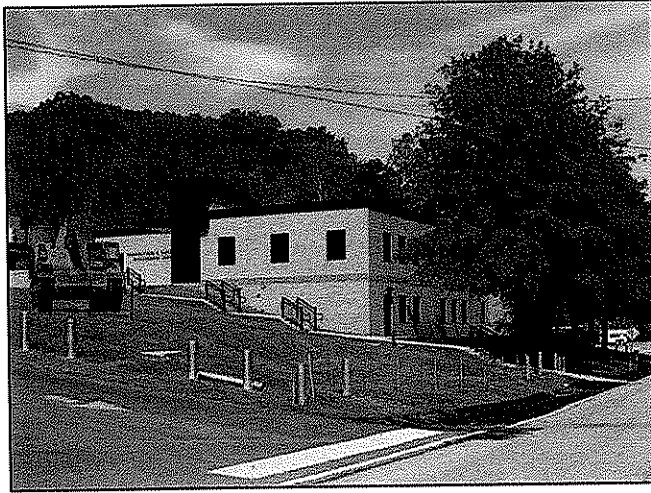
West Virginia Army National Guard
Construction and Facilities Management Office

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

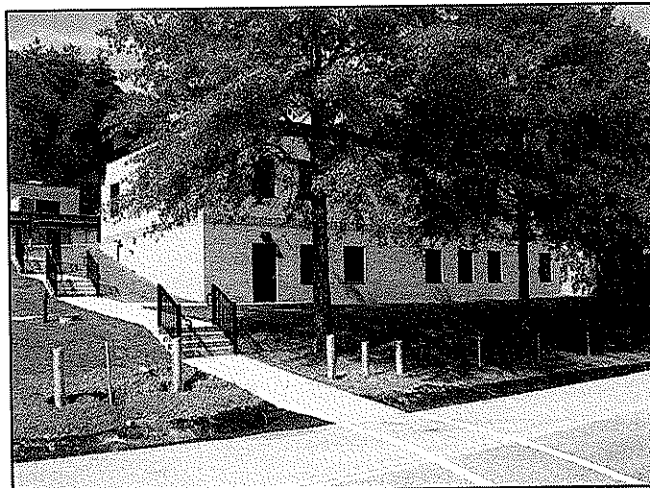
The Construction and Facilities Management Office Expansion consisted of the construction of a 12,000 square foot office building, 6,000 square foot maintenance area, and renovations to the existing Armory Board office at the Coonskin Drive National Guard Complex. Capitol Engineering, Inc. performed 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:

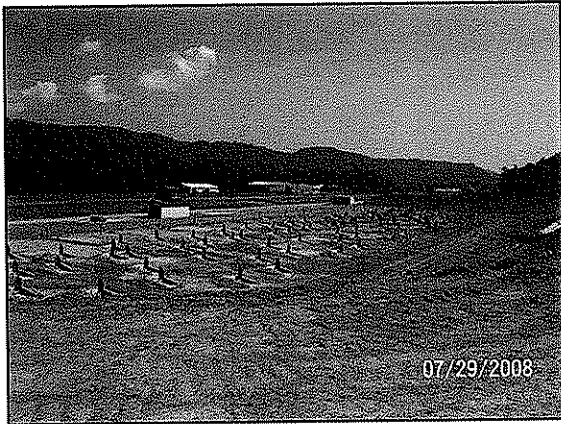
1. Parking area, walkways, stairs and general site features
2. Utilities and an oil/water separator for the maintenance facility.

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

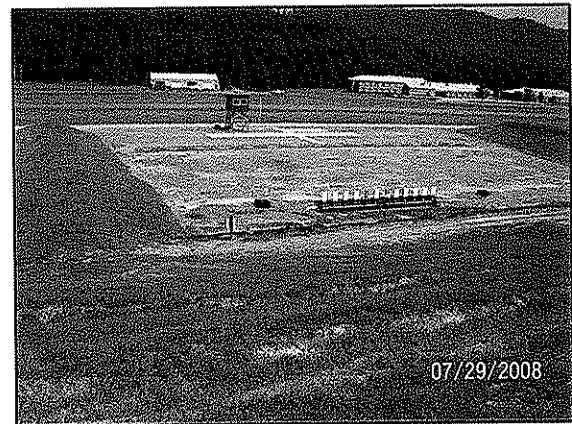
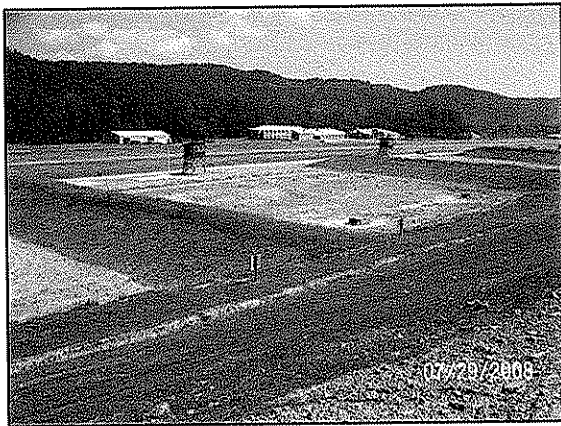
Owner

West Virginia Army National Guard
Construction and Facilities Management Office

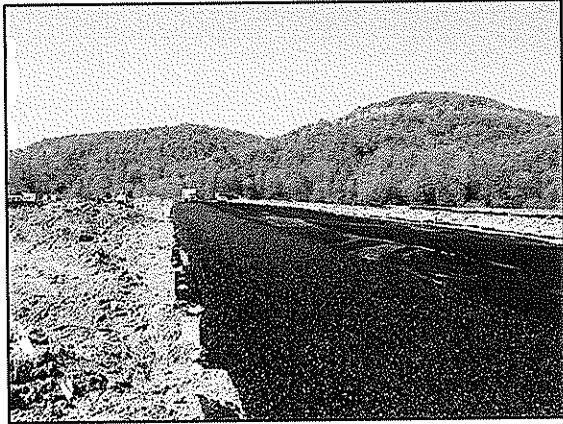
Project Description

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

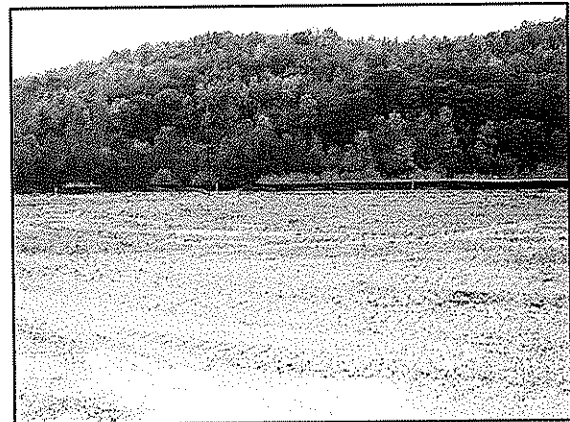
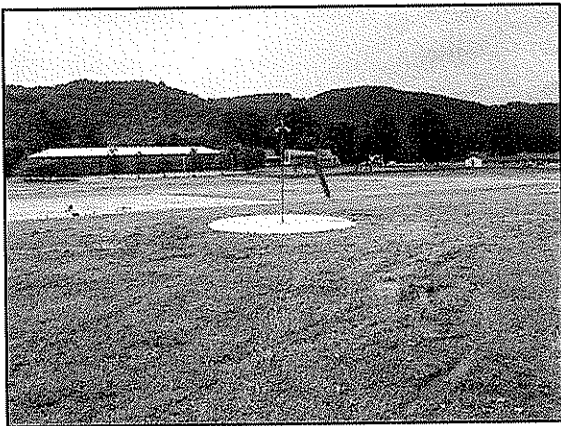
Camp Dawson Collective Training Center
Preston County, WV

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

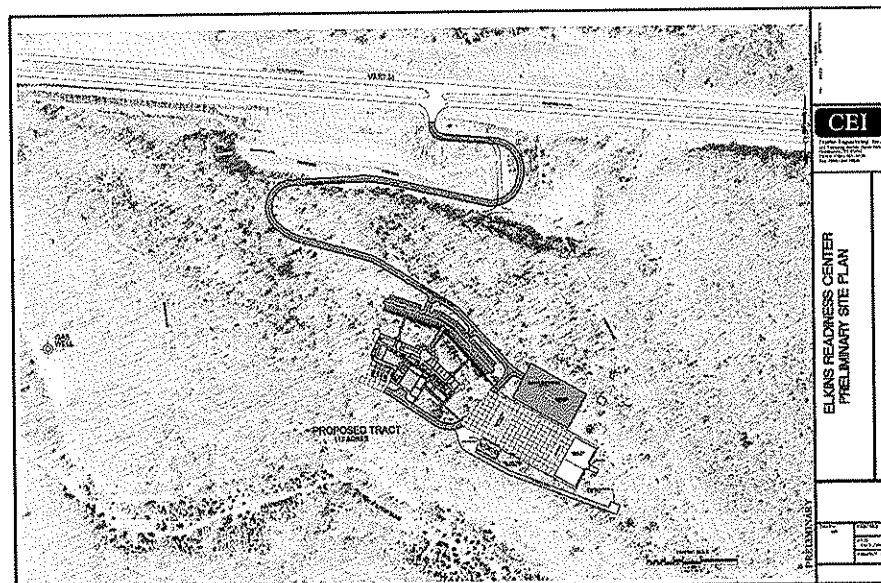
The Elkins Armed Forces Reserve Center Project includes a Readiness Center, maintenance shop and equipment storage building. The complex consists of over 50,000 square feet of heated space, additional unheated storage and approximately 32,000 square yards of rigid and flexible paving. The new facility 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:

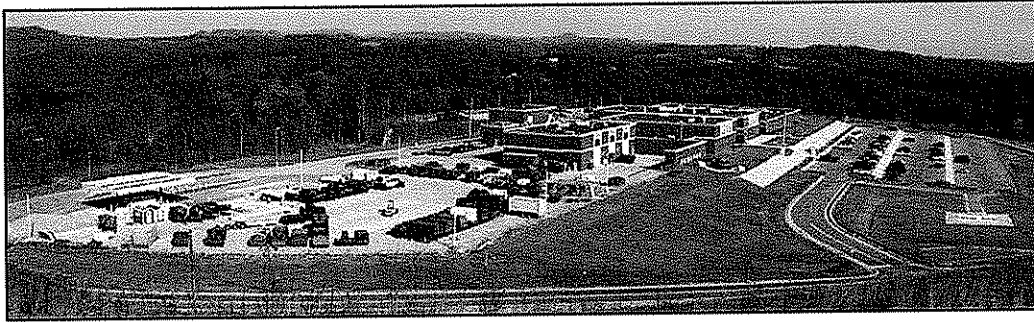
1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

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

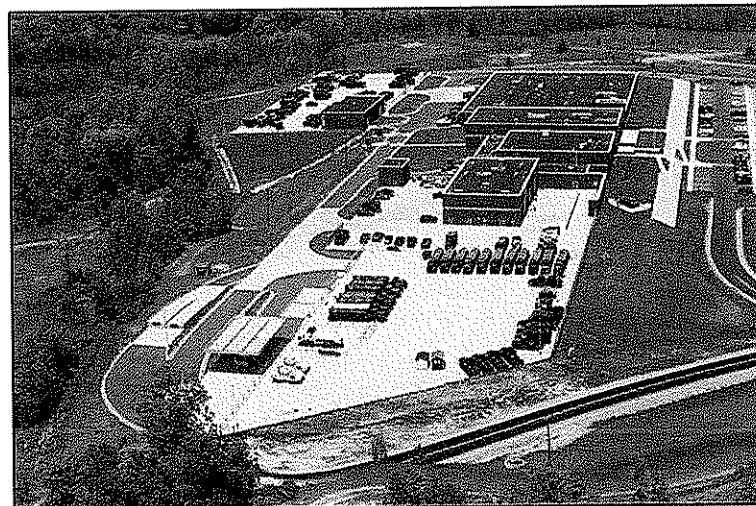
The Glen Jean Armed Forces Reserve Center Project included a Readiness Center, a Military Entrance and Processing Station (MEPS), and an Organizational Maintenance Shop (OMS). The complex consists of over 100,000 square feet of heated space, additional unheated storage and approximately 32,000 square 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:

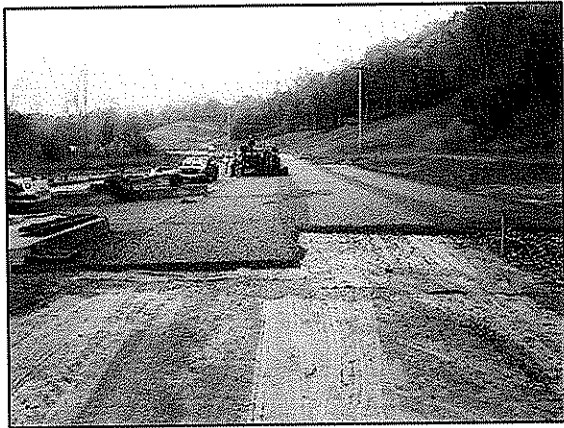
1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

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

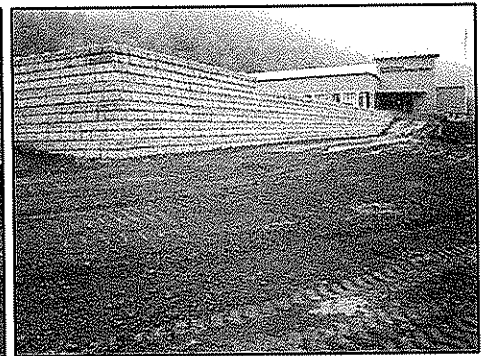
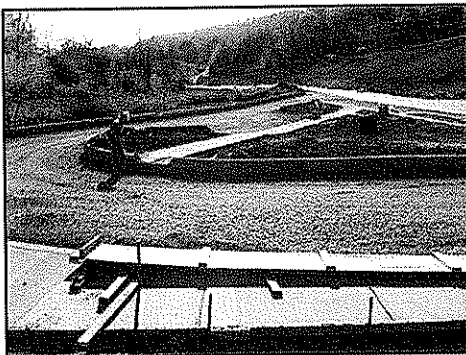
The Kingwood Readiness Center consists of a 20,000 square foot building adjacent and connected to the existing Camp Dawson Armed Forces Reserve Center in Preston County. The new facility occupies the site of the AFRC parking lot, this required design of a new access road and parking lots for both buildings. 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:

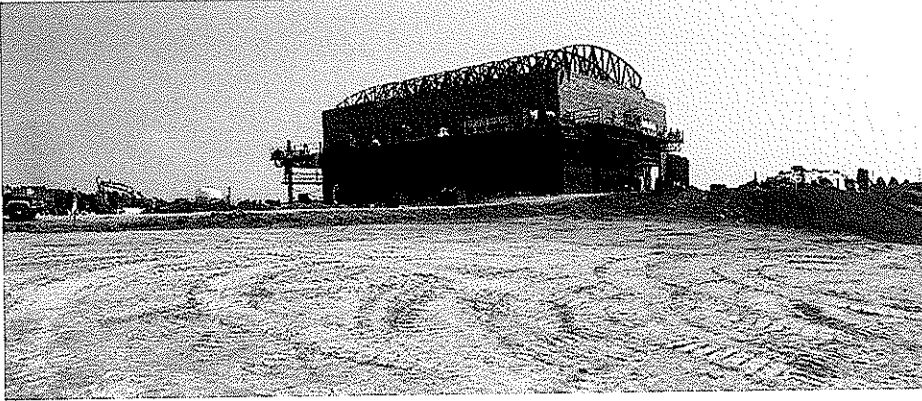
1. Utilities and general site features
2. Military equipment parking
3. Access roads and civilian parking lots

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.

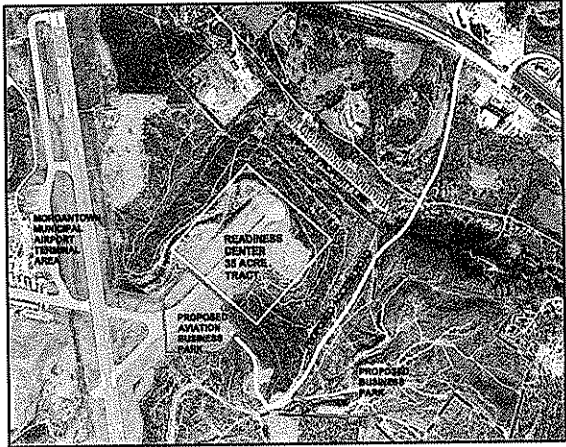
The project included the following major design elements:

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

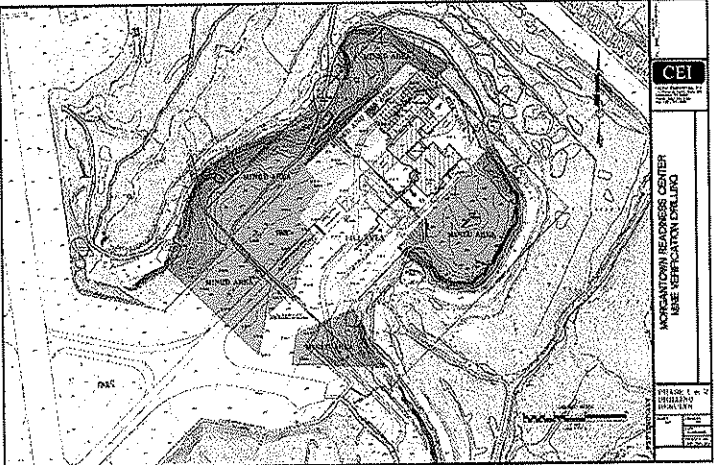
The Morgantown Readiness Center complex consists of over 50,000 square feet of heated space, additional unheated storage and approximately 32,000 square yards of rigid and flexible paving. The new facility will occupy a 35 acre tract on a former runway at the Morgantown Municipal Airport in Monongalia 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:

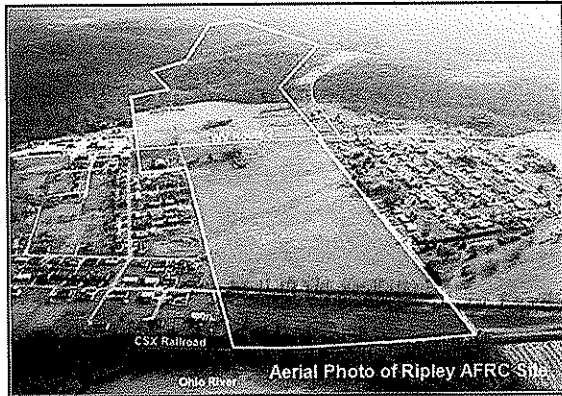
- 1. Utilities and general site features
- 2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
- 3. Access roads and civilian parking lots

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

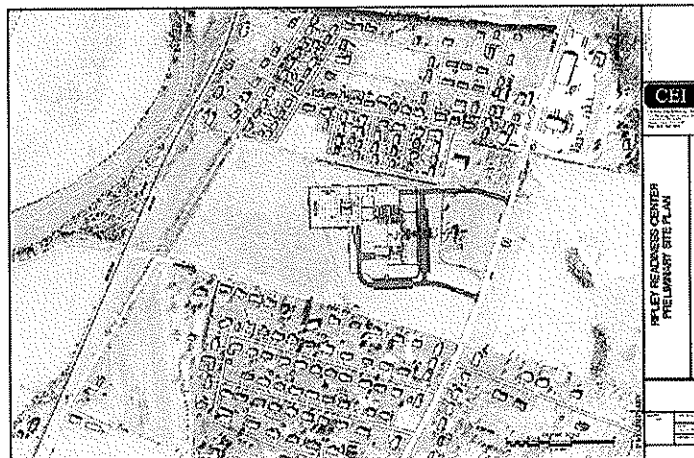
The Ripley Armed Forces Reserve Center Project includes a Readiness Center, a maintenance shop and an equipment storage building. The complex consists of over 50,000 square feet of heated space, additional unheated storage and approximately 22,000 square yards of rigid and flexible paving. The new facility 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:

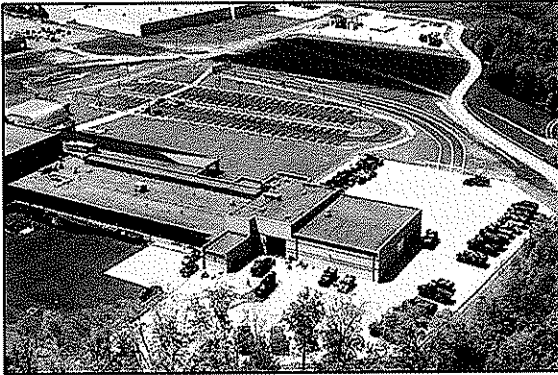
1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

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

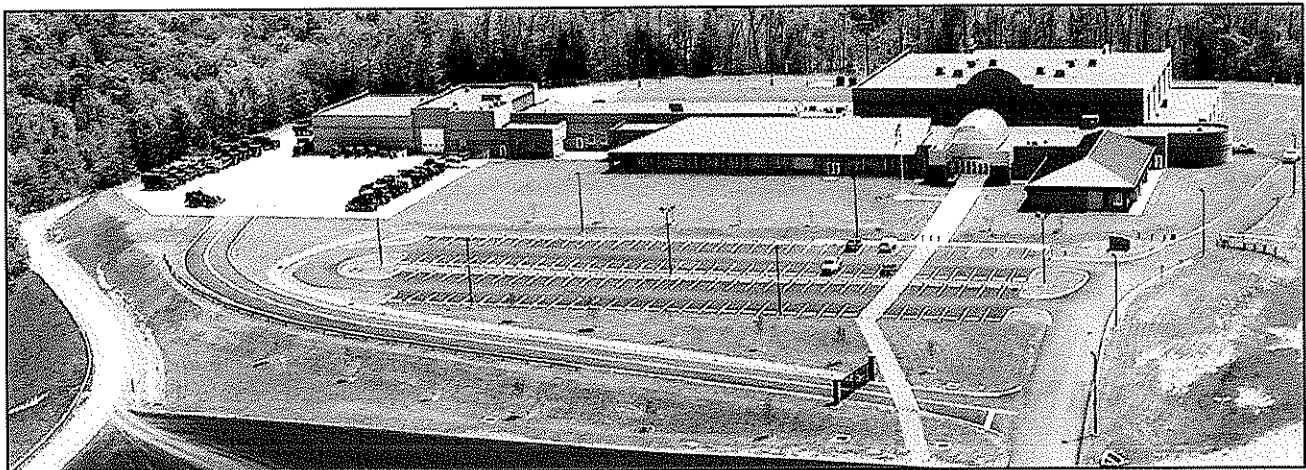
The Summersville Readiness Center Project included a Readiness Center, a Civic Arena and Conference Center, and a unit maintenance shop. The complex consists of over 70,000 square feet of heated space, additional unheated storage and approximately 21,000 square yards of rigid and flexible paving. The 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:

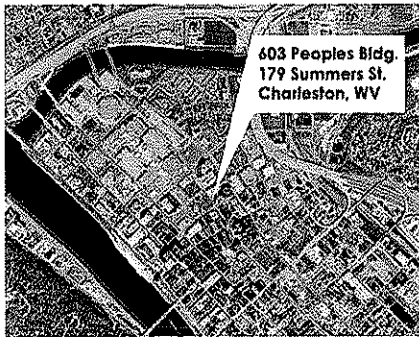
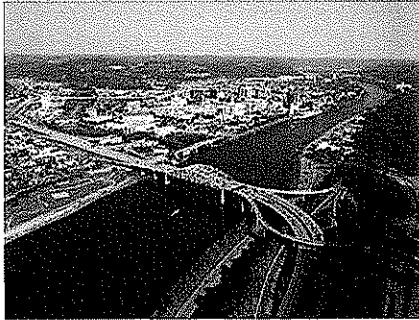
1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Easement and right-of-way acquisition



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



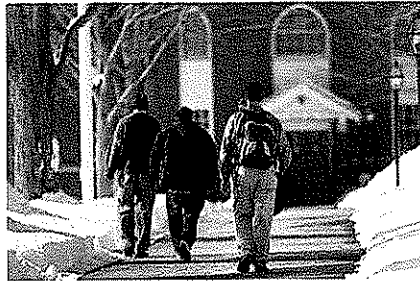
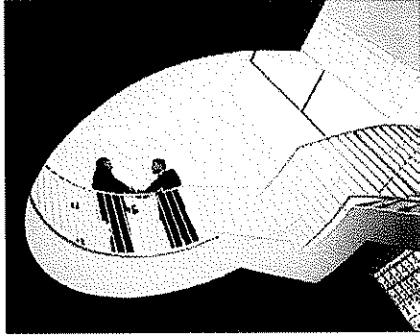
Moment Engineers, Inc. is a professional consulting firm specializing in structural engineering. We serve the architectural and building construction communities throughout West Virginia. Based in Charleston, West Virginia at 179 Summers Street, Moment Engineers was founded by Douglas Richardson in early 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.

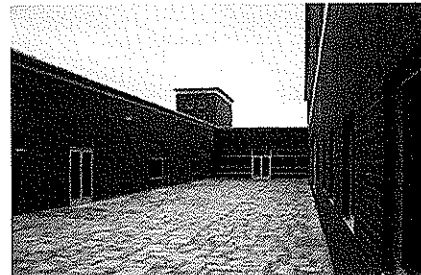
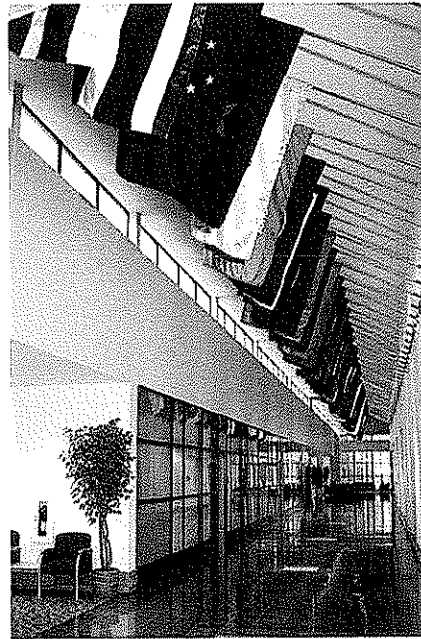
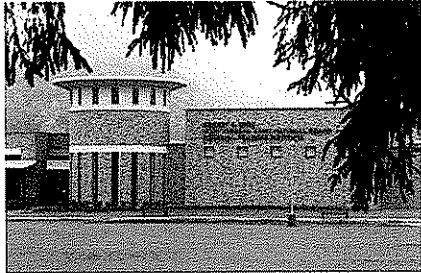


Approach



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.

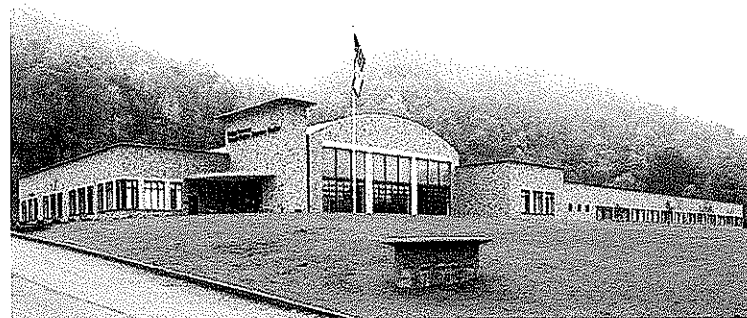
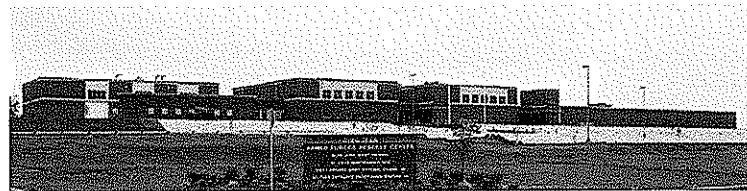


West Virginia Army National Guard Project Experience

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

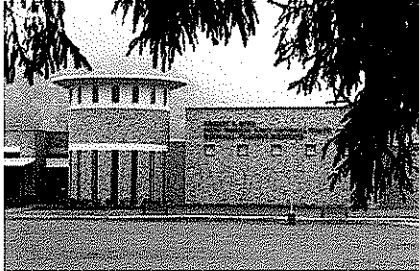
- Robert C. Byrd Regional Training Institute -
Camp Dawson, WV
- Armed Forces Reserve Center - Camp Dawson, WV
- Armed Forces Reserve Center - Glen Jean, WV
- Construction & Facilities Management Office -
Charleston, WV
- Mountaineer Challenge Academy - Camp Dawson, WV

These five facilities total over 368,000 square feet of built space, and each serves as a 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.



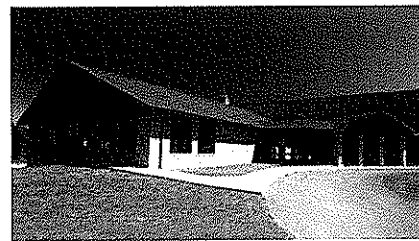
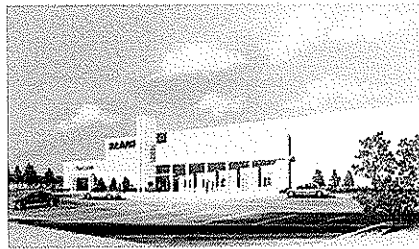
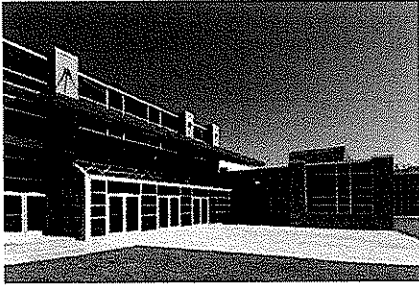
 **MOMENT**
engineers, inc.

Sample Project



Robert C. Byrd Regional Training Institute

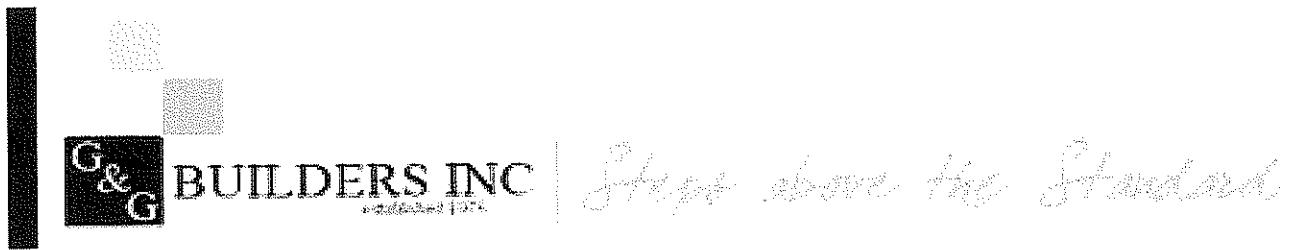
The Robert C. Byrd Regional Training Institute at Camp Dawson is a 143,000 square foot facility constructed for the West Virginia Army National Guard that provides an ideal setting for training classes, meetings and conferences serving both the military and civilian population. The facility includes 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



construction management & cost estimating services

With G&G Builders Inc., you get more than a full-service general contractor. We continuously communicate and work with the Owner and Architect to find the best solutions for overcoming obstacles, saving time and reducing costs.

We offer professional construction management services and cost estimating services that are tailored to the size and complexity of any given project, and backed by a corporate commitment to total quality management.

Construction Management Services:

Our construction management services typically begin during design and include:

- schedule & budget evaluations
- value engineering
- constructability reviews
- accuracy checks on cost estimates
- weighing project alternatives
- monitoring and coordinating daily construction activities

G&G Builders Inc. has completed over \$120 million dollars worth of work as a construction manager on the following projects:

1. St. Albans High School
2. Chapmanville Middle School
3. Chapmanville High School
4. Logan Middle School
5. Riverside High School

Cost Estimating Services:

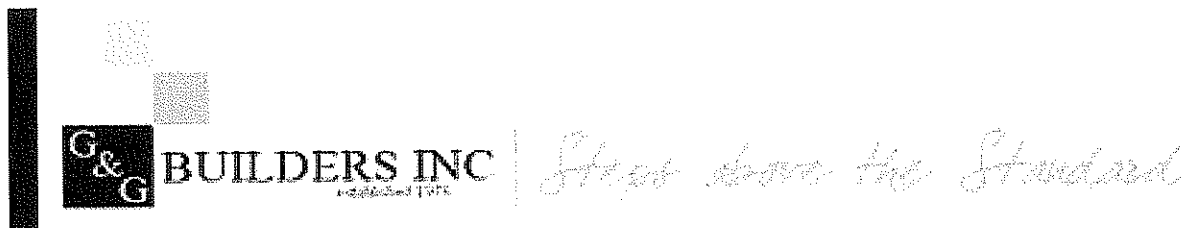
Our construction experience and project cost history data are valuable tools in the preconstruction process.

Early involvement in the project enables G&G Builders Inc. to give you a working budget from the beginning of conceptual design. This budget provides a baseline estimate to help guide decisions as the design process continues. As design proceeds, the budget will be updated with the latest information.

The four (4) phases of a typical estimate are:

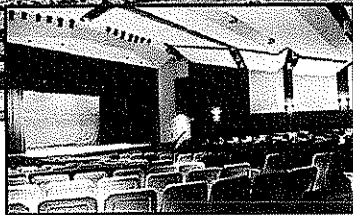
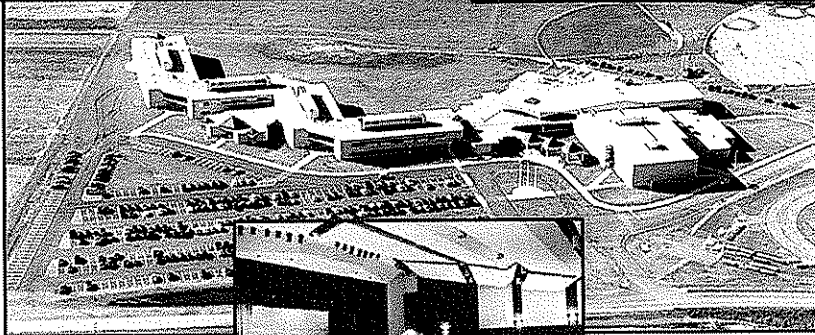
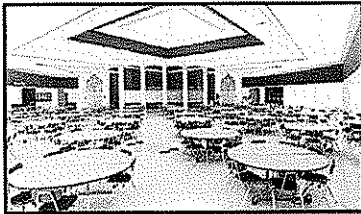
- Conceptual Design Estimate
providing frameworks for evaluating different alternatives
- Schematic Estimate
establishes the baseline estimate
- Design Development Estimates
as the design concept is finalized, the estimate is updated
- Final Construction Documents:
provide a final estimate by incorporating bids from subcontractors

At G&G Builders Inc., we utilize a computer estimation program that is updated periodically to reflect new wage rates, material costs, etc. With over 30 years of experience, our database of knowledge and well-established subcontractor base support all of our estimates.



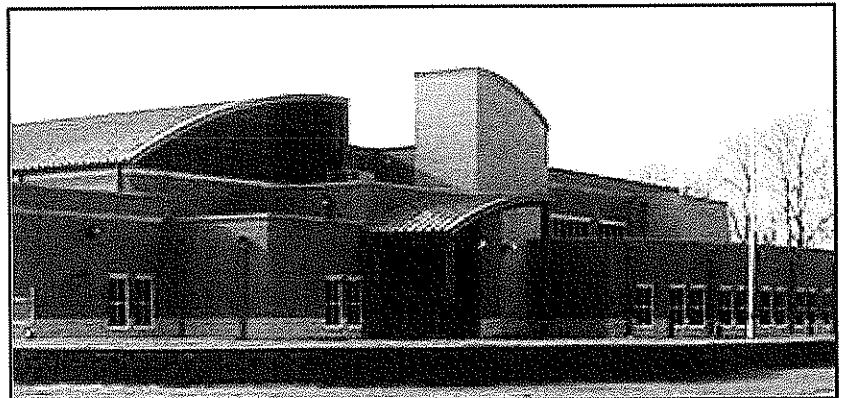
PROJECT portfolio

project photos and descriptions



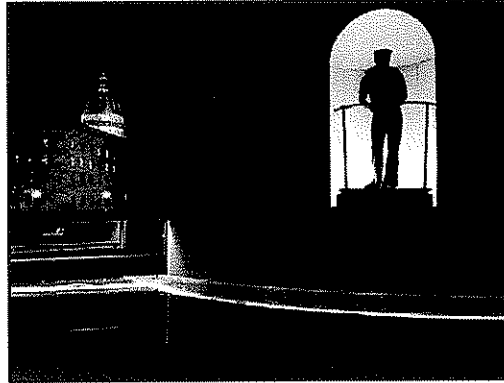
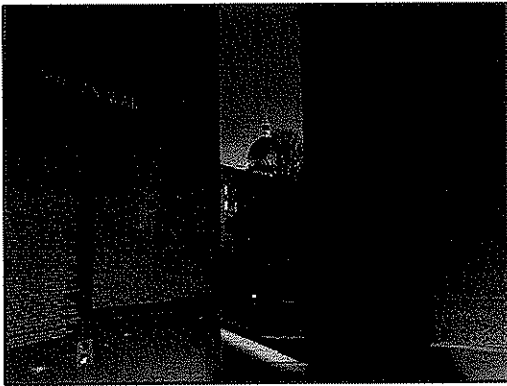
Riverside High School Quincy, West Virginia

Williamstown Readiness Center Williamstown, West Virginia



G&G BUILDERS INC
established 1976

PROJECT
portfolio project photos and descriptions

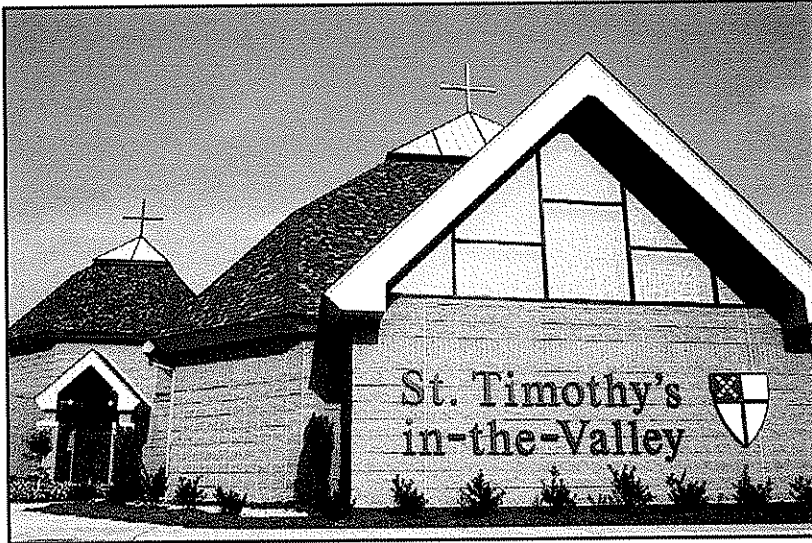


Veteran's War Memorial
Charleston, West Virginia

CAM Henderson Center
Huntington, West Virginia

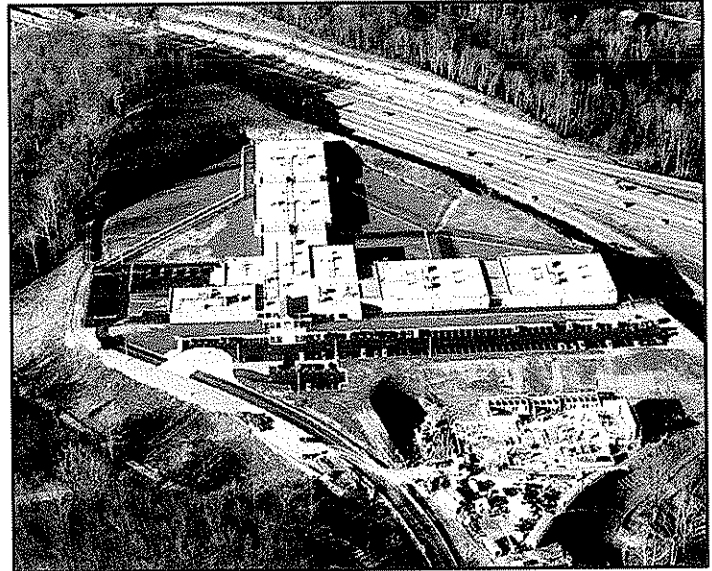


PROJECT
portfolio | project photos and descriptions

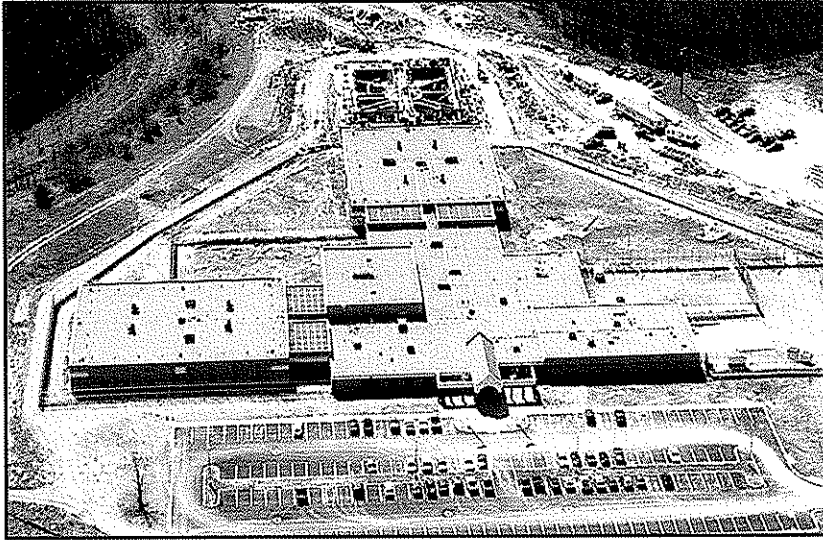


St. Timothy's in the Valley
Hurricane, West Virginia

**Western Regional Jail &
Robert L. Shell Juvenile
Center**
Barboursville, West Virginia

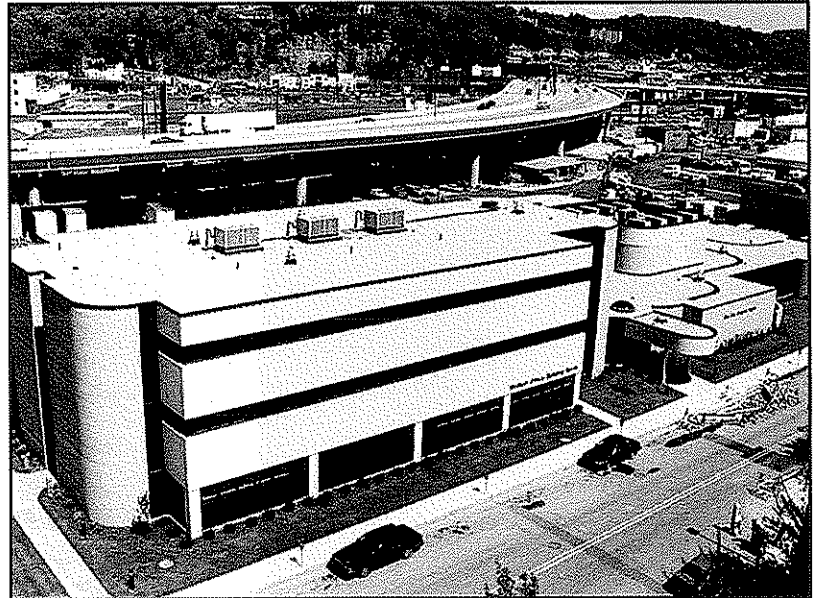


PROJECT
portfolio | project photos and descriptions

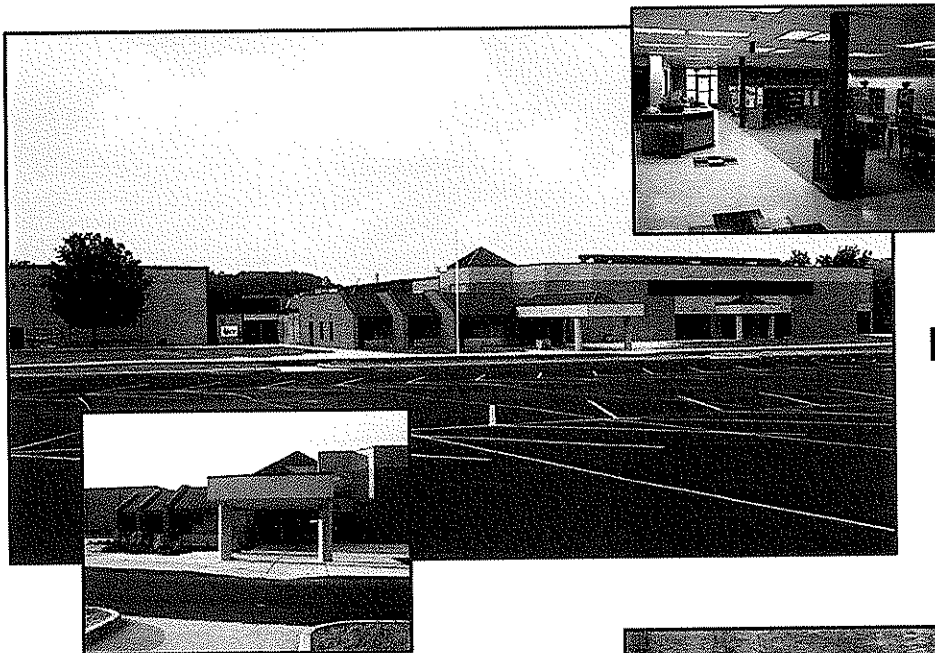


**South Western Regional
Jail**
Holden, West Virginia

**St. Francis, Surgi-Center &
Medical Office**
Charleston, West Virginia

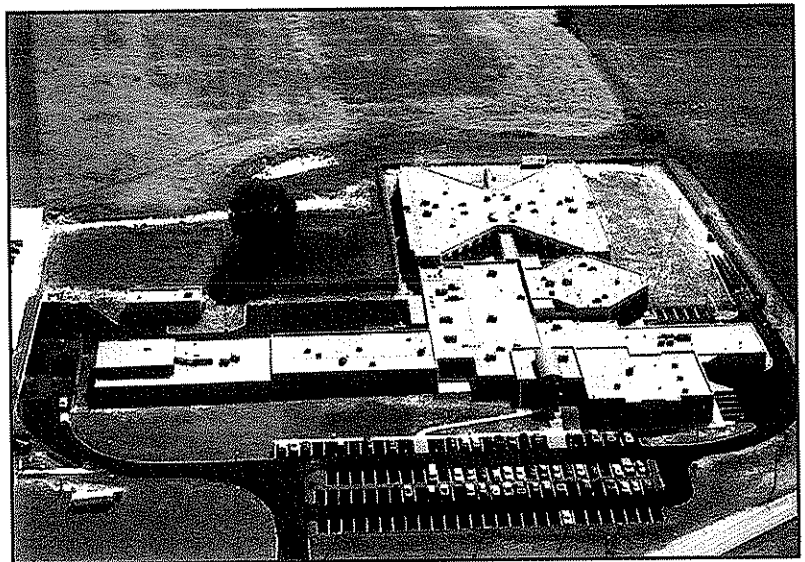


PROJECT
portfolio | project photos and descriptions



Hurricane High School
Hurricane, West Virginia

Lakin Correctional Facility
Lakin, West Virginia

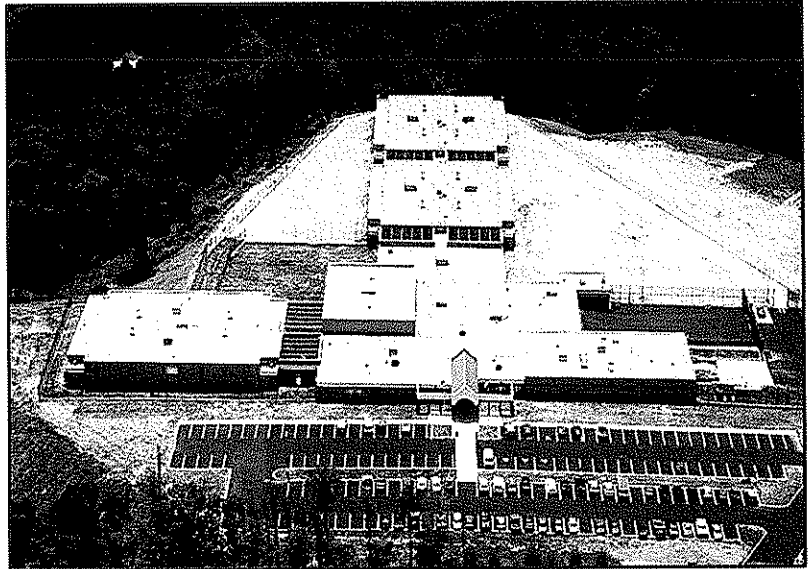


PROJECT
portfolio | project photos and descriptions



Chapmanville Middle School
Chapmanville, West Virginia

South Central Regional Jail
Charleston, West Virginia



BUILDERS INC
established 1976

PROJECT portfolio

major construction in progress – 2009

Job #0961 – Raleigh County Judicial Bldg., Beckley, WV

Owner: Raleigh Co. Commission, 116-½ Herber St., Beckley, WV 25801

Architect: Silling Associates, 405 Capitol St., Upper Atrium, Charleston, WV 25301,
304-346-0565

Contract Amount Pending: \$8,721,231

Projected Completion: June 2010

Job #0963 – Kureha, PGA, LLC, Belle, WV

Owner: Kureha, PGA, LLC, 901 West Dupont Ave., Belle, WV 25015

Architect: CH2M Hill Engineers, Inc., 303 Perimeter Center North, Atlanta, GA 30346

Contract Amount: \$449,745

Projected Completion: July 2009

Job #0962 – Alcon – Concrete – BP-3A, Green Bottom, WV

Owner: Alcon Research, LTD

Architect: Ewing Cole, Federal Reserve Bank Bldg., 100 North 6th St., Philadelphia, PA 19106

Contract Amount: \$1,625,145

Projected Completion: July 2009

**Job #0747 – Eastern West Virginia Community & Technical College, 316 Eastern Dr.,
Moorefield, WV**

Owner: Governing Board on Behalf of Eastern WV Community & Technical College,
1929 State Rt. 55, Moorefield, WV

Architect: Bastian & Harris Architects, 300 Summers St., Ste. 1200, Charleston, WV,
304-342-2151

Contract Amount: \$5,572,522

Projected Completion: October 2008

99.5% Complete

Job #0855 – Arnold Residence, Cobblestone, Scott Depot, WV

Owner: Marc & Monica Arnold, 120 Candlewyck Dr., Hurricane, WV 25526, 304-549-4765

Budget Amount: \$845,000

Projected Completion: February 2009

95% Complete



PROJECT portfolio | major construction completed - 2009

Job #0860 – New Cath Lab#4, SMMC, Huntington, WV

Owner: St. Mary's Medical Center, 2900 First Ave., Huntington, WV

Architect: Kreps & Zachwieja, 300 Capitol St., Ste. 1710, Charleston, WV 25301, 304-346-5361

Contract Amount: \$470,767

Projected Completion: February 2009

100% Complete



PROJECT portfolio

major construction completed - 2008

Design Build Job #0748 – Massey Coal Services, Inc.-New Office Complex, Corridor G, Julian, WV

Owner: Massey Coal Services, Inc., 315 70th St., SE, Charleston, WV, 304-369-8500

Architect: Williamson Shriver Architects, 717 Bigley Ave., Charleston, WV, 304-345-1060

Contract Amount: \$13,653,594

Projected Completion: September 2008

100% Complete

Job #0742 – AEP-John Amos Power Plant

Owner: The Perry Group

Architect: Sargent & Lundy, LLC, 55 East Monroe St., Chicago, IL

Contract Amount: \$827,631

Projected Completion: September 2008

100% Complete

Job #0749 – Mountain View Elementary School, 3967 Teays Valley Rd., Hurricane, WV

Owner: Putnam County Schools, 9 Courthouse Dr., Winfield, WV, 304-586-0500

Architect: Williamson Shriver Architects, 717 Bigley Ave., Charleston, WV, 304-345-1060

Contract Amount: \$10,000,000 – Total Construction Mngmt. (G&G-General Trades \$4.0MM)

Completed: August 15, 2008

Job #0853 – Walker Machinery New Wash Bay, Crab Orchard, WV

Owner: Cecil I. Walker Machinery, P.O. Box 2427, Charleston, WV 25329, 304-949-6400

Architect: ZMM, Inc., 222 Lee St., W., Charleston, WV 25302, 304-342-0158

Contract Amount: \$500,000

Completed: June 20, 2008

Job #07-44 – Overbrook Elementary School, 218 Oakwood Rd., Charleston, WV

Owner: Kanawha County Board of Education, 200 Elizabeth St., Charleston, WV 25311

Architect: Bastian & Harris, 300 Summers St., Suite 1200, Charleston, WV 25301, 304-342-2151,

Contract Amount: \$1,320,000

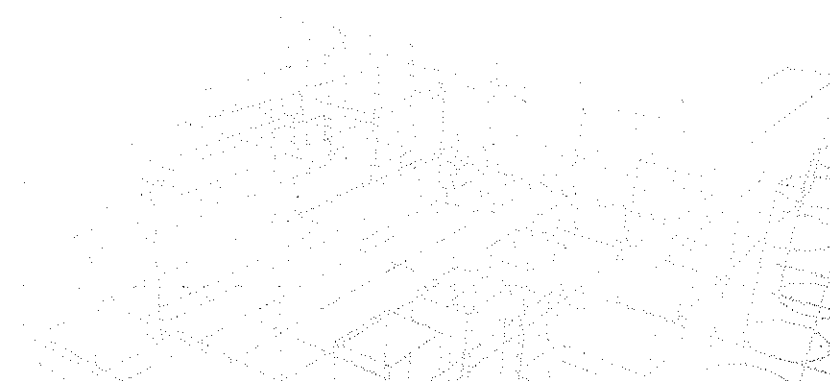
Completed: January 2008

PROJECT portfolio

| major construction completed - 2008

Job #0857 - Weiser Office Building – 100 Corporate Centre Drive, Scott Depot, WV
Owner: Weiser Teays Valley, LLC, P.O. Box 2487, Reston, VA 20195; 703-444-5620
Architect: DMR Architecture, 1600 E. Woodlawn Rd., Studio 360, Charlotte, NC 28209
Contract Amount: \$1,835,435
Project Completion: December 2008
100% Complete

Job #06-40 – Cabell Huntington Hospital–North Patient Tower, 1340 Hal Greer Blvd., Huntington, WV
Owner: Cabell Huntington Hospital
Architect: Perkins + Will, 1382 Peachtree St., NE, Atlanta, GA 30309
Contract Amount: \$1,624,630
Completed: January 2008





Teays Valley Christian School

"Equipping students for God's purposes."



Jack Davis, MA
Principal

A ministry of The Scott Depot Christ Fellowship

Dr. Rodney Taylor, Ed. D.
President

October 26, 2006


To Whom It May Concern,

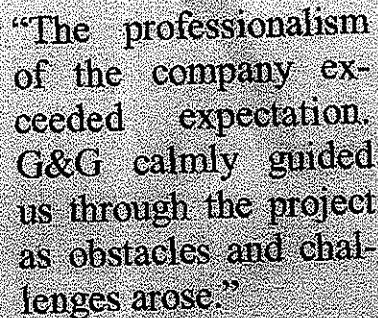
I write on behalf of G&G Builders. Two years ago our organization chose G&G after an extensive bid process to be the construction manager for our elementary wing expansion. G&G did superior work in every phase of the project. The service and quality of work was excellent and the costs were reasonable and controlled. The professionalism of the company exceeded expectation.

G&G calmly guided us through the project as obstacles and challenges arose. Upon completion of the facility, the total cost was significantly under budget. I give G&G my highest recommendation without reservation. If you would like to speak to me further, please feel free to contact me at 304-757-9550 or email me at jdavis1@teaysvalleychristian.org. You are also welcome to come and tour the facility to see the quality of the work and the scope of the project.

Thank you for considering these remarks.

Sincerely,


Jack Davis
Principal



"The professionalism of the company exceeded expectation. G&G calmly guided us through the project as obstacles and challenges arose."

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: McKinley & Associates

Authorized Signature: *Just Dallas* Date: April 9, 2010

State of West Virginia

County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 9th day of April, 2010.

My Commission expires April 8, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC *Amy Sipos*

