

CEDAR LAKES EDUCATIONAL COMPLEX

Cedar Lakes Comprehensive Educational Facilities Plan EDD345321

February 3, 2011
1:30 PM



CedarLakes
Conference Center

RECEIVED

2011 FEB -2 P 12:13

PURCHASING DIVISION
STATE OF WV



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN



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
 EDD345321

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 SHELLY MURRAY
 304-558-8801

RFQ COPY

TYPE NAME/ADDRESS HERE

*709060537
 McKinley & Associates
 The Maxwell Center / Suite 100
 32 Twentieth Street
 Wheeling, WV 26003

WV DEPT. OF EDUCATION
 1900 KANAWHA BLVD. EAST
 BUILDING 6, ROOM B-360
 CHARLESTON, WV
 25305

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/07/2011				
BID OPENING DATE: 02/03/2011		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UQP	DAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
EXPRESSION OF INTEREST						
<p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF EDUCATION, IS SOLICITING EXPRESSION OF INTERESTS FOR PROFESSIONAL ARCHITECTURAL SERVICES TO DESIGN AND PROVIDE CONSTRUCTION ADMINISTRATION FOR VARIOUS PROJECTS CONTAINED WITHIN THE 2000-2010 COMPREHENSIVE EDUCATIONAL FACILITIES PLAN (CEFP) FOR THE CEDAR LAKES EDUCATIONAL COMPLEX PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.</p>						
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
<p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>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.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Shelly Murray</i>	TELEPHONE (304) 233-0140	DATE 2/1/2011
TITLE Dir. Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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



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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ EDD345321 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *[Signature]* TELEPHONE (304) 233-0140 DATE 2/1/2011

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DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/18/2011				

BID OPENING DATE: 02/03/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOF	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
----- ADDENDUM NO. 1 -----						
THIS ADDENDUM IS ISSUED TO ATTACH THE WORK COMPLETED LIST THAT WAS INADVERTENTLY LEFT OUT OF THE ORIGINAL EXPRESSION OF INTEREST.						
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXHIBIT 10						
REQUISITION NO.: EDD345321						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						
NO. 1 ✓						
NO. 2 ✓						
NO. 3						
NO. 4						
NO. 5						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF						
THE ADDENDUM(S) MAY BE RECALLED FOR REVISIONS OR ETC.						

SIGNATURE *[Signature]* TELEPHONE (304) 233-0140 DATE 2/1/2011

TITLE Dir. Business Development FEIN 55-0696478 ADDRESS CHANGES TO BE NOTED ABOVE

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VENDOR

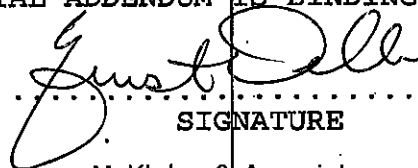
*709060537
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01/18/2011				

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">  SIGNATURE McKinley & Associates COMPANY 2/1/2011 DATE </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>----- END OF ADDENDUM NO. 1 -----</p> <p>***** THIS IS THE END OF RFQ EDD345321 ***** TOTAL:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE (304) 233-0140	DATE 2/1/2011
TITLE Dir. Business Development	FEBN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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Work Completed

Cedar Lakes 10-Year Comprehensive Educational Facilities Plan

Description of Work	Building/Location
Roof Replaced	Lakes Lodge
Roof Replaced	Cedar Lodge
Roof Replaced	Assembly Hall
Roof Replaced	Lions Cottage
Roof Replaced	Main Lodge
Roof Replaced	Mountaineer Lodge
Roof Replaced	Classroom Building
Roof Replaced	FHA/FCCLA Cottage
Roof Replaced	Garage/Shop
Roof Replaced	Metal Storage Building
Roof Replaced	Environmental Training Facilities
Roof Replaced	Mason Cottage
Roof Replaced	Marshall Cottage
Roof Replaced	Wayne Cottage
Roof Replaced	VFW Cottage
Exterior Doors Replaced	Administration Building
Exterior Doors Replaced	Lions Cottage
Exterior Doors Replaced	Wayne Cottage
Exterior Doors Replaced	FHA/FCCLA Cottage
Exterior Doors Replaced	FFA Cottage
Exterior Doors Replaced	Marshall Cottage
Exterior Doors Replaced	Main Lodge
Exterior Doors Replaced	VFW Cottage
Exterior Doors Replaced	Vo-Ag Cottage
Exterior Doors Replaced	Craft House
Windows Replaced	Craft House
Exterior Street Lighting	Campus Wide
Walkway Lighting	Campus Wide
Paving	All Except Parking Areas



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DATE PRINTED	TERMS OF SALE	SHIP V/A	FOB	FREIGHT TERMS
01/26/2011				

BID OPENING DATE: 02/03/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
----- ADDENDUM NO. 2 -----						
THIS ADDENDUM IS ISSUED TO MODIFY THE FOLLOWING SPECIFICATION:						
CHANGE FROM:						
MUST BE A REGISTERED EDUCATIONAL FACILITIES PLANNER (REEP).						
CHANGE TO:						
SHOULD BE A REGISTERED EDUCATIONAL FACILITIES PLANNER (REEP).						
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXHIBIT 10						
REQUISITION NO.: EDD345321						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Ernst Cellata</i>	TELEPHONE (304) 233-0140	DATE 2/1/2011
TITLE Dir. Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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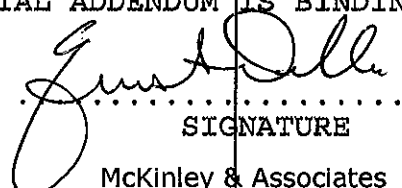
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NO. 2	✓					
NO. 3						
NO. 4						
NO. 5						
<p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">  SIGNATURE McKinley & Associates COMPANY 2/1/2011 DATE </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>----- END OF ADDENDUM NO. 2 -----</p>						

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McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

February 1, 2011

Ms. Shelly Murray
Purchasing Division
P.O. Box 50130
Charleston, WV 25305-0130

Dear Ms. Murray,

McKinley & Associates is pleased to provide you and the West Virginia Department of Education with our expression of interest for all professional services including design and construction administration for the various projects listed in 2010-2020 Comprehensive Educational Facilities Plan (CEFP) for the Cedar Lakes Educational Complex. McKinley & Associates takes great pride in our designs, and "Educational Facilities" is one of our primary focus markets for our Firm. Because of this, we are consistently able to design projects lower than the projected square footage cost. Our greatest strength is our ability to listen to our Clients and deliver your project successfully. We currently support clients on a number of significant educational, institutional and recreational – renovation and new construction projects that illustrate this ability.

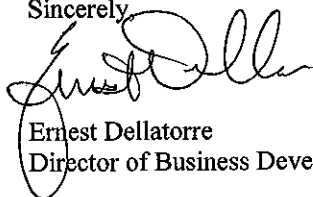
McKinley & Associates has been providing design services since 1981. With offices in Wheeling and Charleston, WV and Washington, PA, we support a professional staff of 40+ that includes: architects, mechanical, electrical, plumbing/life safety engineers (MEP engineers), construction administrators, as well as a certified interior design department; all In-House. We are proud to be generally considered the largest full service A/E firm in the State of West Virginia. We have **3 Recognized Educational Facility Professionals (REFPs)** which were all designated by the Council of Educational Facility Planners International. Our staff also includes **4 LEED Accredited Professionals (LEED APs)** on staff, in both the architectural and engineering fields, who were all designated by the United States Green Building Council.

We currently are contracted with Fourteen West Virginia School Counties to provide their 10 year CEFP's 2010-2020 which comprises over 160 school Facility Buildings. A major aspect of this plan is to re-evaluate its energy and operating efficiencies and prioritizing the replacements or upgrades that will lead to a more energy efficient operating system. The process provided two major advantages to our clients. First, they were better enabled to plan for these capital improvements in the future and secondly, they were prepared with budgets for each of these upgrades when a non-traditional funding source became available, such as the American Recovery & Investment Act. We are now in the process of helping these counties secure funding through many different resources including the School Building Authority as well as local funds to implement their plans.

The team we have assembled has worked together in the past and has proven we can effectively work together in coordinating our design documents with our clients. You will see in the submittal that we have included several professionals to handle all of the projects associated with the RFP. If these projects require additional staffing we have the ability to dedicate additional resources to accomplish your goals. McKinley & Associates has enjoyed our current clients list for many years. No project is too large or small, which is the main reason we have been able to maintain this relationship with our clients. We listen to your needs and deliver. We understand what is required with SBA funded projects and our success with projects similar to yours speaks for itself.

We are committed to each of our projects and encourage you to check with our references. Most of our clients are repeat, which is a good indication of the services we provide. Thank you for reviewing our submission and considering McKinley & Associates for your project; we are very excited about the possibility of working with you!

Sincerely,



Ernest Dellatorre
Director of Business Development

Evaluative Criteria

McKinley & Associates has prepared a brief response to each of the evaluative criteria listed in the request for proposal's Part 4.1.b section.

Firm Qualifications - The qualifications of each firm will be rated. Evaluations will be made at least in part based upon the similarity of services provided to other school systems comparative to the requirements of this request.

McKinley & Associates has enjoyed our current clients list for many years. We are currently representing 14 school counties with their CEFPs and continue to handle their design needs. No project is too large or small, which is the main reason we have been able to maintain this relationship with our clients. We listen to your needs and deliver. We understand what is required with SBA funded projects and our success with Pre-K thru 12 projects speaks for itself. In the past 30 years, we have had extensive experience with similar projects. Examples of relevant projects are included in the "Projects" tab.

Our 2010-2020 Comprehensive Educational Facilities Plans are for these WV counties:

- Boone
- Brooke
- Grant
- Hancock
- Marshall
- McDowell
- Ohio
- Raleigh
- Ritchie
- Tucker
- Tyler
- Webster
- Wetzel
- Wood

Firm Qualifications (continued) - Must be licensed to provide architectural services in accordance with West Virginia Code §5G-1-3(d). Must be a current member in good standing of the American Institute of Architects (AIA). Must be a registered educational facilities planner (REFP). Please provide substantiation and/or documentation of each of the above requirements.



30049088
Thomas R. Worledge
AIA



Evaluative Criteria

The West Virginia Board of Architects

certifies that

THOMAS R. WORLLEDGE

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number 2874


The registration is in good standing until June 30, 2011.



Leya C. Lewis


Board Administrator

Evaluative Criteria



REFP

Recognized Educational Facility Professional




CEFPI

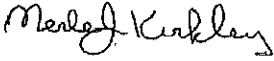
Thomas Worlledge, REFP

2008


Has met the standards of excellence and criteria to be registered as a
Recognized Educational Facility Professional
by the Council of Educational Facility Planners International.



John K. Ramsay, CAE, CEFPI Executive Director and CRO




Merle J. Kirkley, REFP, CEFPI President



REFP

Recognized Educational Facility Professional




CEFPI

Thomas L. Young, REFP

2007

Has met the standards of excellence and criteria to be registered as a
Recognized Educational Facility Professional
by the Council of Educational Facility Planners International.



Roy J. Sprague, AIA, CSI, CEFPI President

Evaluative Criteria

BOOK 66 PAGE 793



CERTIFICATE

I, Ken Hechler, Secretary of State of the State of West Virginia, hereby certify that

by the provisions of Chapter 31, Article 1, Sections 27 and 28 of the West Virginia Code, the Articles of Incorporation of

McKINLEY & ASSOCIATES, INC.

conform to law and are filed in my office. I therefore declare the organization to be a Corporation for the purposes set forth in its Articles, with the right of perpetual existence, and I issue this

CERTIFICATE OF INCORPORATION

to which I have attached a duplicate original of the Articles of Incorporation.

Given under my hand and the Great Seal of the State of West Virginia, on this

FIFTEENTH day of

DECEMBER 19 89

Ken Hechler

Secretary of State.



Evaluative Criteria

CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers
having verified the person in responsible charge is registered in
West Virginia as a professional engineer for the noted firm, hereby certifies*

MCKINLEY & ASSOCIATES, INC.

C00366-00

Engineer in Responsible Charge: DAVID MCKINLEY - WV PE 006605

*has complied with section §30-13-17 of the West Virginia Code governing
the issuance of a Certificate of Authorization. The Board hereby notifies you of its
certification with issuance of this Certification of Authorization for the period of:*

July 1, 2010 - June 30, 2011

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA
UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

BOARD PRESIDENT

Evaluative Criteria

Firm References - Must provide a minimum of at least three references of WV SBA funded projects. Each reference should include a contact name, organization name, address, telephone and fax number, and email address. Also please provide a brief narrative of each project. References may be checked to measure customer satisfaction, including, but not limited to meeting budget and/or time deadlines.

Ms. Suzan Smith
Hancock County Schools
104 North Court Street
New Cumberland, WV 26047
P - 304/564-3411
F - 304/564-3990
szsmith@access.k12.wv.us

Multiple projects are underway for Hancock County Schools, which are a part of a \$56 million Bond Levy that was passed in the November 2010 election. This bond call is a result of the Comprehensive Education Facilities Plan (CEFP) that was developed by McKinley & Associates. More information is included within their project sheets in the "Projects" tab.

Mr. Fred Renzella
Marshall County Schools
Post Office Box 578
Moundsville, WV 26041
P - 304/843-4405
F - 304/843-4409
arenzell@access.k12.wv.us

Multiple projects are underway/completed for Marshall County Schools, from their 2005 Bond, including 2 LEED projects. We have also completed their 2010-2020 CEFP. More information is included within their project sheets in the "Projects" tab.

Mr. George Krelis
Ohio County Schools
2203 National Road
Wheeling, WV 26003
P - 304/242-0300
F - 304/843-4409
gkrelis@access.k12.wv.us

We have completed dozens of projects for Ohio County Schools. Currently, we are working on the new \$10 million J.B. Chambers Performing Arts Center at Wheeling Park High School, as well as the \$4.5 million Madison Elementary School HVAC project. We have also completed their 2010-2020 CEFP. More information is included within their project sheets in the "Projects" tab.

Ms. Sue Woodward
Wood County Schools
1210 Thirteenth Street
Parkersburg, WV 26101
P - 304/420-9663
F - 304/420-9513
swoodwar@access.k12.wv.us

Multiple projects are underway/completed for Wood County Schools, from their 2004 Bond. The total addition and renovation of the three high schools alone are 557,000+ SF approx and \$63+ million. We have also completed their 2010-2020 CEFP. More information is included within their project sheets in the "Projects" tab.

Mr. Brent Nelson
Grant County Schools
204 Jefferson Avenue
Petersburg, WV 26847
P - 304/257-1011
F - 304/257-2453
enelson@access.k12.wv.us

We have completed multiple projects for Grant County Schools over the years, and we have also recently completed their 2010-2020 CEFP. More information is included within their project sheets in the "Projects" tab.

Evaluative Criteria

Firm Experience - The type and applicability of each vendor's experience will be evaluated. Must provide a portfolio of prior work performed using WV SBA funding. The scope of which must include at least one instance of both a new construction as well as at least one instance of renovation of existing structure(s) and/or facilities. The vendor should provide a more detailed explanation of the scope, duties, responsibilities, of the work performed for each of their portfolio projects.

Examples from our portfolio of prior work performed using WV SBA funding are included in the "Projects" tab, and includes multiple new construction and multiple renovation projects. These are described in detail and include scope, work performed, etc.

Firm Experience (continued) - Vendor must also be able to document prior experience in both school planning and compliance of projects with West Virginia State Board of Education policy 6200 (Handbook on Planning School Facilities.)

For the West Virginia State Board of Education policy 6200 (Handbook on Planning School Facilities); not only do we have vast experience working under their guidelines, but we also have 4 employees who are on various committees/subcommittees that are revising the policy.

- Bradley A. Crow, PE, LEED AP is a member of the HVAC subcommittee.
- Gregg P. Dorfner, AIA, REFP is on the SBA Performance and Design Standard Planning Committee.
- Darren S. Duskey, PE is on the Technology subcommittee.
- Thomas R. Worledge, AIA, LEED AP BD+C, REFP is on the Sustainable / Green Building subcommittee.

Firm Experience (continued) - Vendors should also list key personnel, duties, responsibilities, and qualifications of individuals to be assigned to this project.

The key personnel, duties, responsibilities, and qualifications of individuals to be assigned to this project are found within the "Design Team" tab. As an overview:

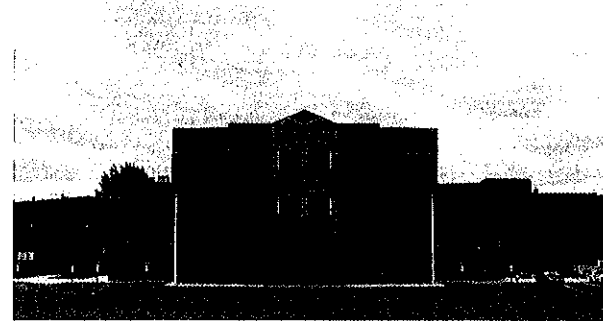
- Architect: Thomas R. Worledge, AIA, LEED AP BD+C, REFP
- Architect Intern: Nicole D. Riley, Assoc. AIA
- Architect Intern: Michael S. Betsch, LEED AP
- Architectural Designer: William M. Simms
- Architectural Designer: Kari J. Dean
- Mechanical Engineer: Bradley A. Crow, PE, LEED AP
- Architectural Engineering: Tim E. Mizer, PE, RA
- Electrical Engineering: Darren S. Duskey, PE
- HVAC Engineer Intern: Travis Petri, EIT
- Senior Mechanical Engineering Designer: William D. Ciprella
- Senior Electrical Engineering Designer: Russell McClure
- Fire & Life Safety Engineering Designer: Michael A. Heath
- Plumbing, & Electrical Engineering Designer: Scott D. Kain
- Civil Site Designer: Allison M. Carmichael
- Certified Educational Facilities Professional: Thomas R. Worledge, AIA, LEED AP BD+C, REFP
- Certified Educational Facilities Professional: Thomas L. Young, REFP
- "Green" Architectural Design (LEED): Thomas R. Worledge, AIA, LEED AP BD+C, REFP
- "Green" Architectural Design (LEED): Michael S. Betsch, LEED AP
- "Green" Engineering Design (LEED): Bradley A. Crow, PE, LEED AP
- Interior Design: Deb Blakeman, NCIDQ #015070
- Construction Administration: Dana E. Womack, Jr.

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.

Braxton County High / Fairmont State University addition and renovations



Parkersburg South High School renovations



Firm Information

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
Construction Admins	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

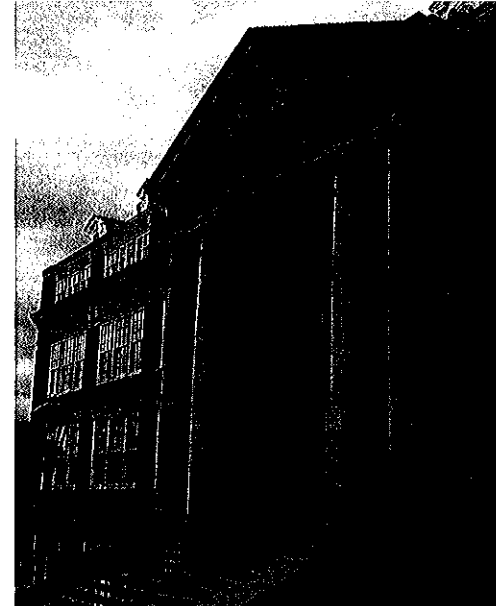
Satellite Offices

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

West Virginia University - Colson Hall renovations



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,**

NEW Hilltop Elementary School - Marshall County Schools

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.

We are active members in **The Council of Educational Facility Planners International (CEFPI)**, and we have **3 employees** who have achieved **REFP status (Recognized Educational Facility Professional)**. We have provided design services for numerous schools and colleges in the States of West Virginia and Ohio.

Our educational involvement has included preliminary planning and cost estimating, preparation of final design and construction documents, contract administration, energy audits and facilities evaluation.

Some of our most recent educational projects are the **\$63+ million High School projects in Wood County, WV**, the **\$21 million new Chapmanville High School in Logan County, WV**, and the **\$5.5 million renovation project to Colson Hall on the West Virginia University campus in Morgantown, WV.**

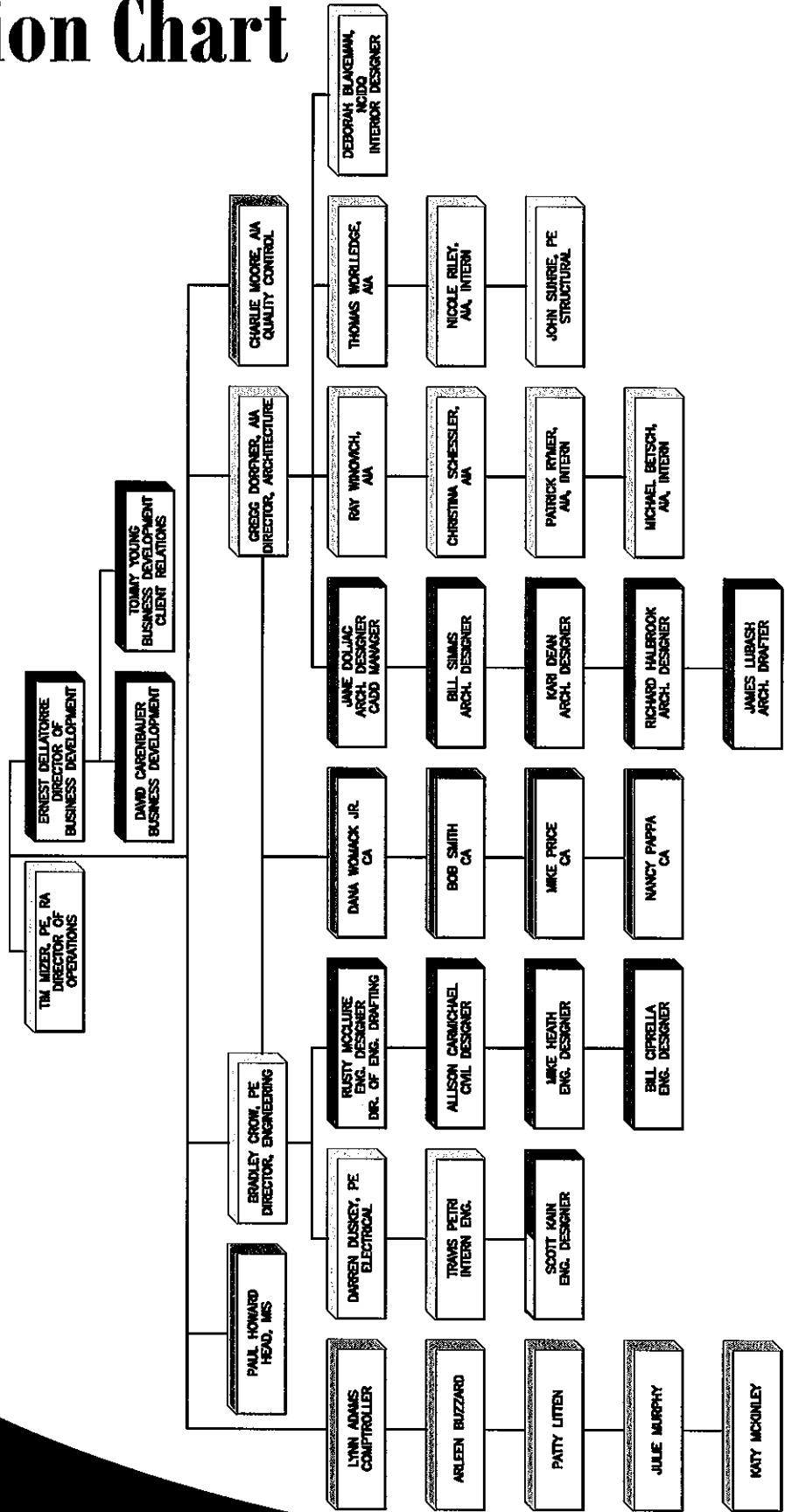
Generally recognized as **West Virginia's largest A/E firm**, our **40+ person Professional staff** includes: Architects; Civil, Electrical, Fire/Life Safety, Mechanical and Structural Engineers; Interior Designers and Educational Planners. **We have provided professional services in all 55 counties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

NEW Oak Glen Middle School - Hancock County Schools

NEW Chapmanville Regional High School - Logan County Schools

Organization Chart

Revised 1/24/11



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.

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, quality control and excellent communication amongst the client and contractors. You will have the ability to review the plans and specifications at different completion percentages of the development phase.

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 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.

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.

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 your 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.

Our Philosophy is to provide our clients with experienced leadership as well as state-of-the-art and innovative design expertise to accomplish the goals of their project. Function, economics and versatility, in addition to the development of strong aesthetic appeal, are crucial elements in our design process. We also believe that enhancement of the physical environment in which each individual lives and works should add significantly to the enjoyment of life. Our firm has dedicated our professional skills to attain these goals.

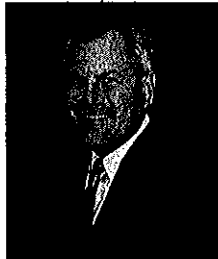
The firm uses a number of different cost estimating procedures depending on the type and size of project. Our ability to design within budget is shown in the following, which represent some of our recently bid projects:

<u>PROJECT</u>	<u>BUDGET</u>	<u>ACTUAL</u>	<u>DIFFERENCE</u>	<u>±/-</u>
Wood Co. - Williamstown HS	\$11,635,000	\$11,253,000	\$382,000	-3.39%
Weirton State Building	\$4,291,000	\$4,083,000	\$208,000	-5.09%
Hancock Co. Schools	\$11,000,000	\$11,260,000	\$260,000	+2.36%
WV Northern Annex	\$7,900,000	\$6,850,000	\$1,050,000	-15.33%
WV Northern Phase II	\$1,200,000	\$1,194,000	\$6,000	-0.50%
Wheeling YMCA	\$2,200,000	\$2,100,000	\$100,000	-4.76%
WVU Colson Hall	\$5,400,000	\$5,500,000	\$100,000	+1.85%
John Marshall Fieldhouse	\$3,755,000	\$3,518,000	\$237,000	-6.73%
Central Elementary	\$3,037,000	\$3,017,000	\$20,000	-0.66%
Maxwell Centre	\$1,800,000	\$1,734,000	\$66,000	-3.81%

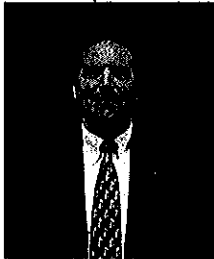
The Marshall County School Bond Project's total budget is \$37,000,000.
To date, we are \$1,000,000 under budget.

Educational Achievements

The Council of Educational Facility Planners International (CEFPI) has recognized the successful achievements and continual professional development efforts of Gregg Dorfner, Thom Worlledge, and Tommy Young and has designated them as Recognized Educational Facility Professionals (REFP).



Gregg P. Dorfner, AIA, REFP



Thomas R. Worlledge, AIA,
LEED AP BD+C, REFP



Thomas L. Young, REFP

In addition, Mr. Dorfner is on the SBA Performance and Design Standard Planning Committee that is revising Policy 6200, the "Handbook on Planning School Facilities."

Also, Mr. Worlledge is on the Sustainable / Green Building subcommittee for Policy 6200.

Bradley A. Crow, PE, LEED AP



Darren S. Duskey, PE



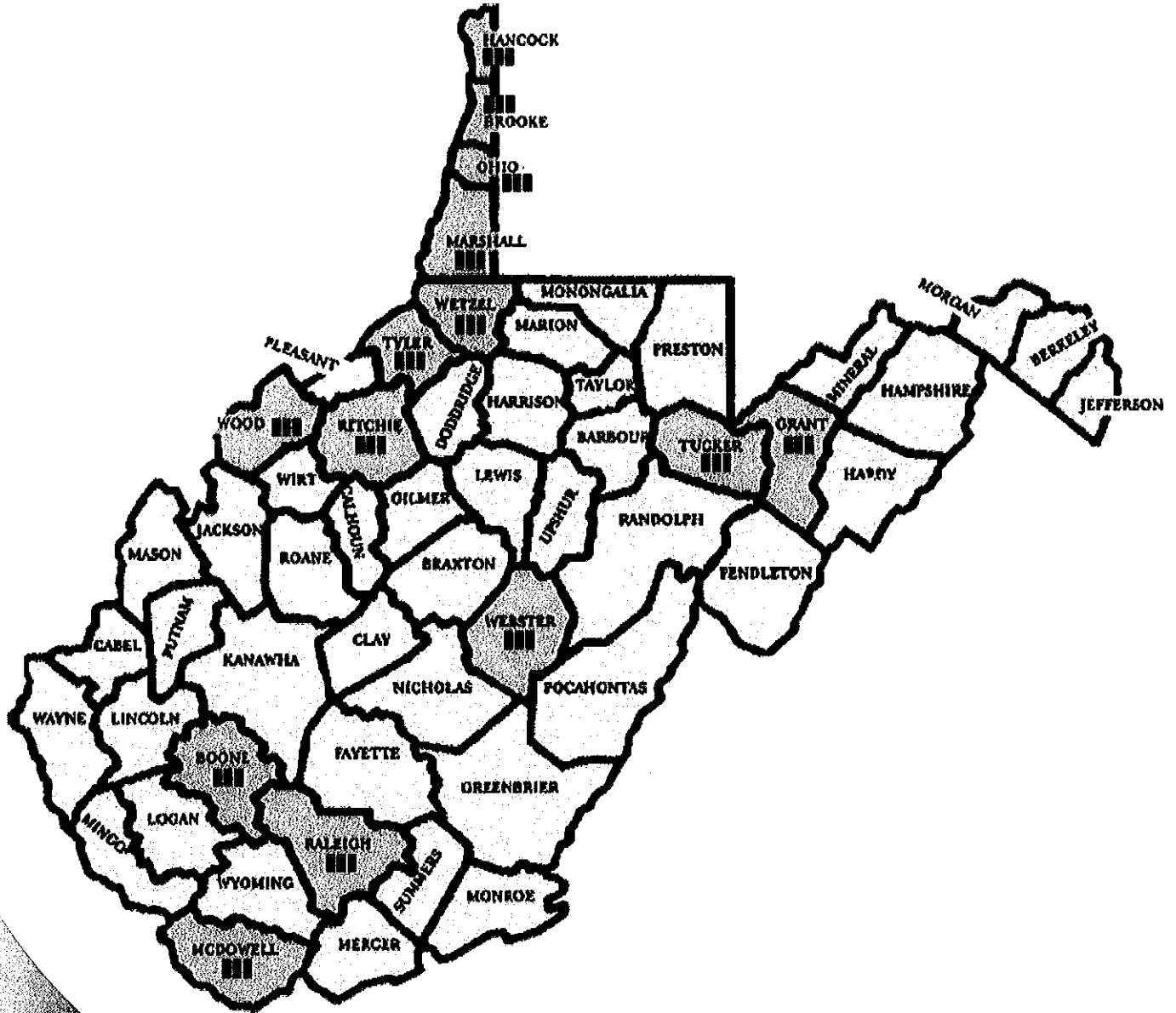
Moreover, Brad Crow and Darren Duskey are two more McKinley & Associates employees who are on various subcommittees for Policy 6200.

Mr. Crow is a member of the HVAC subcommittee, while Mr. Duskey is on the Technology subcommittee.



14 West Virginia counties' 10-year CEFP Plan

We currently are contracted with Fourteen West Virginia School Counties to provide their 10 year Comprehensive Educational Facilities Plans (CEFP 2010-2020) which involves over **160 schools**. This includes the complete evaluation of the building envelope, HVAC, electric, plumbing, and school access safety systems.



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.

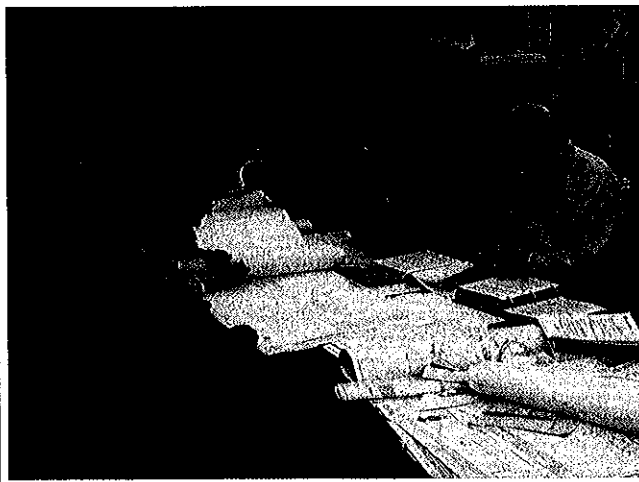
As the schematic/concept plans are developed, the Project Manager typically presents the plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture. Once a consensus is reached, the plans advance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

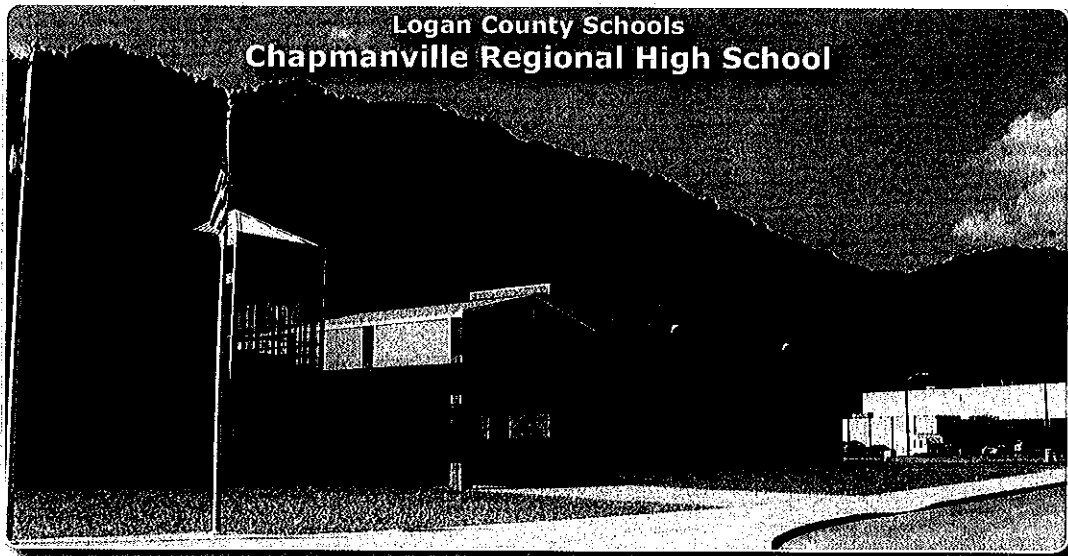
During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are checked by the project manager and appropriately referenced on the drawings. Copies 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.



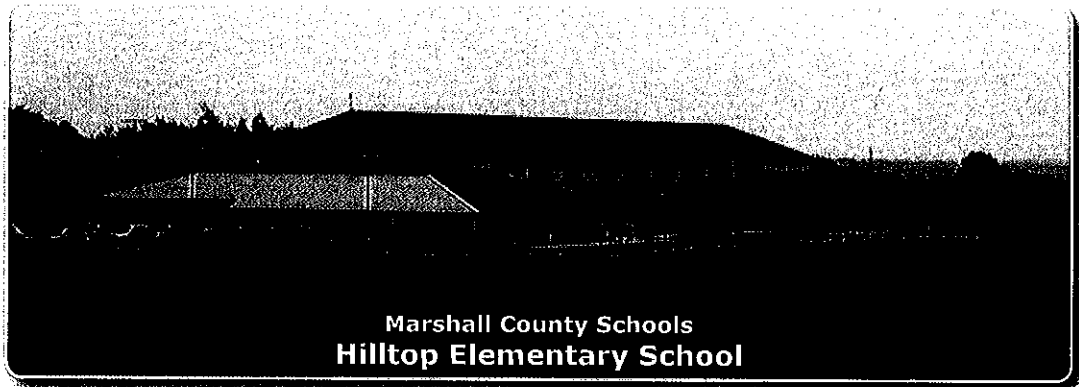
Bid documents are issued after a final check to verify that all bid packages have current revisions included and are appropriately identified. Bid sets are numbered and registered to bidders so that each bidder may be kept informed of clarifications and addenda.

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 ~ \$169/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**

Construction Administration & On-Site Representation

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architect

Responsible for All Construction Meetings and Minutes

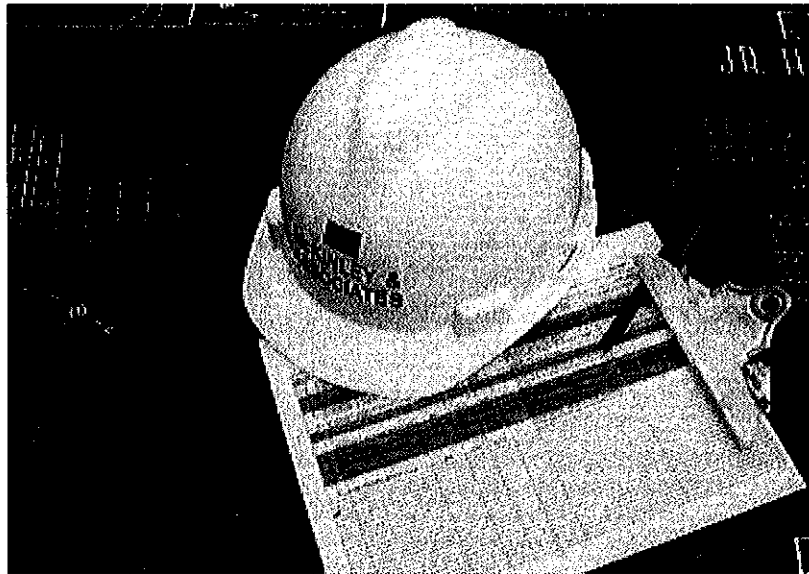
Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

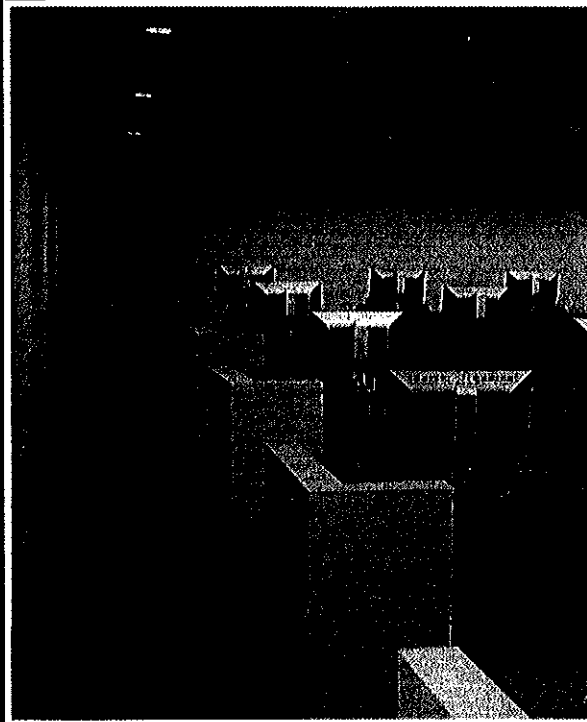
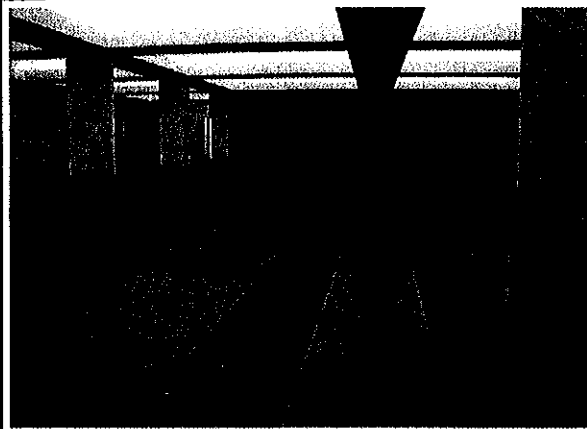
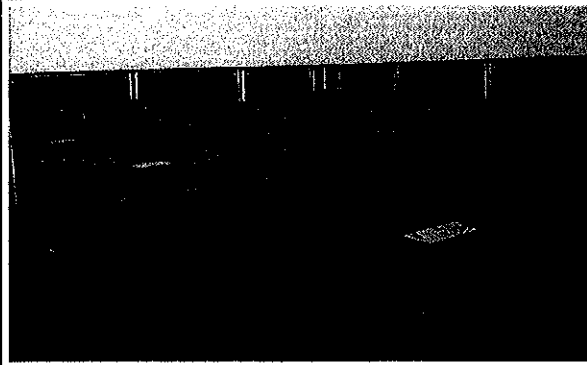
Typically On-Site Once Every Two Weeks

(Provide Additional On-Site Representation if Requested)

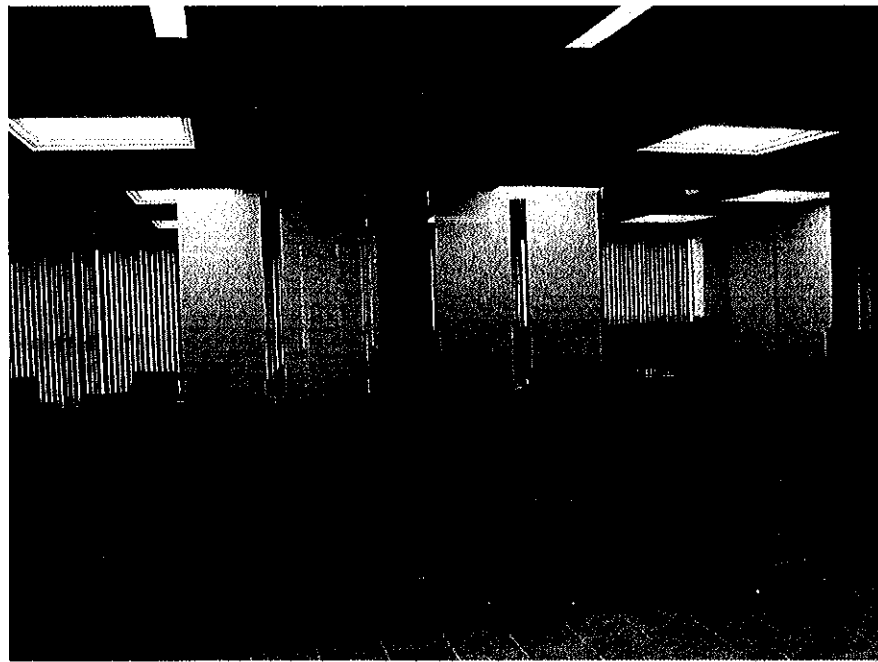


Our Project Coordinators have an extra responsibility than what most firms' Construction Administrators have; our Project Coordinators are a part of the design process from **Day 1** (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the 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.

Interior Design



Basic interior services begin with a strategy session designed to determine the owner's project requirements, timetable and budget. The interviews will include analyzing space requirements, operating procedures, communication relationships and future needs. Inventory of existing conditions are used to develop accurate drawings and plans. Application of current ADA and building codes will be applied to the developed plans for way finding (signage, directories, fire escape plan), furnishings and finishes. Attention to budget and maintenance is given in relationship to owner needs. Construction documents required to detail the project include schedules, elevations, plans, presentation boards and specifications. To maintain coordination, the follow up contract administration consists of submittal review, post construction evaluation and coordination of FF&E contracts when applicable.



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



Sustainable "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**.

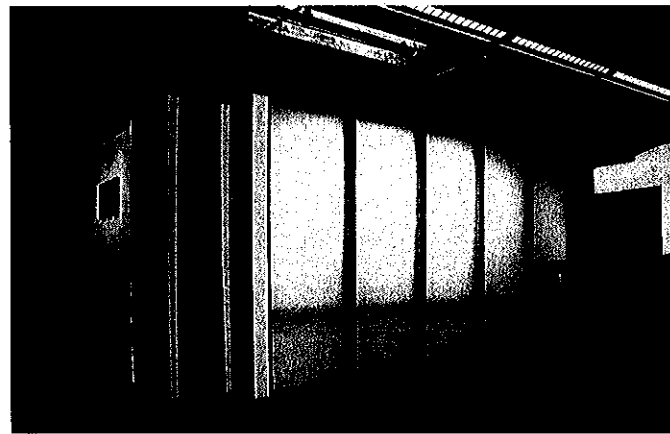
McKinley approaches ecological design from a business perspective, offering **proactive** solutions to complex problems such as indoor air quality, energy efficiency, resource depletion, and water quality. With commercial and institutional project experience, the McKinley Team can work alongside local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

Our Philosophy is to provide our clients with experienced leadership as well as state-of-the-art and **innovative** design expertise to accomplish the goals of your projects. Function, economics and versatility, in addition to the development of **strong aesthetic appeal**, are crucial elements in our design process. We also believe that enhancement of the physical environment in which each individual lives and works should add significantly to the enjoyment of life. Our firm has dedicated our professional skills to attain these goals.

Hilltop Elementary School is one of our many projects that we designed using **energy efficient** and **sustainable design** approaches. It was not until after construction had commenced that the Owner decided to submit for LEED certification. This required a great deal of coordination with the architects, engineers, subcontractors and suppliers. Since we incorporated **good sustainable design practices** from the beginning, this allowed for an easy transition, and for the project to be successfully completed in July 2009.



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 Worledge.



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.

Leadership in Energy and Environmental Design



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 and LEED AP BD+C) in both the architectural and engineering fields. We have **4 LEED Accredited Professionals** on staff, along with our skilled architectural/engineering team, who will 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.

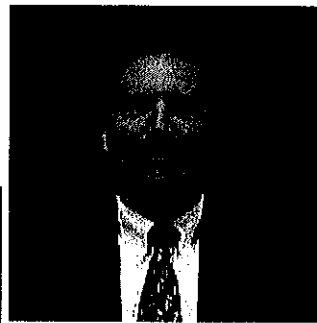
We have **4 LEED® Accredited Professionals** on staff in **both the architectural and engineering fields**:

- Michael S. Betsch, LEED AP
- Bradley A. Crow, PE, LEED AP
- Christina Schessler, AIA, LEED AP
- Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

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).



The LEED AP Specialty Logos signify advanced knowledge in green building practices and specialization in a particular field. The LEED AP BD+C represents specialization in commercial design and construction.

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

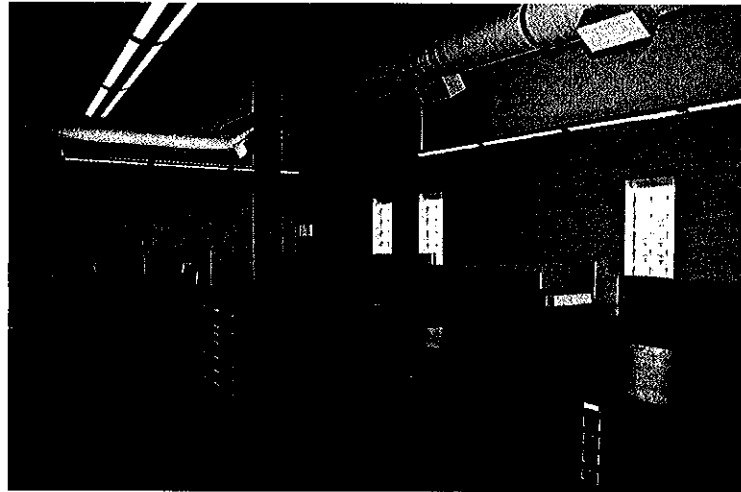
McKinley & Associates Charleston Office



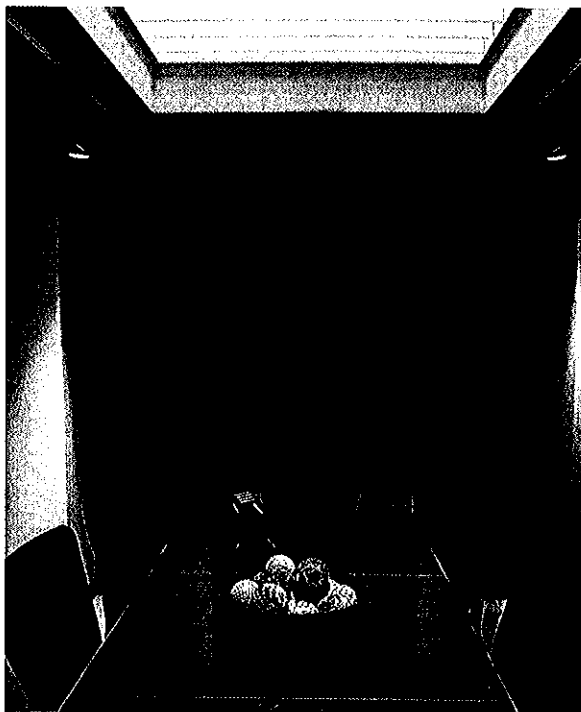
Besides the paint, what makes this office "green"?

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

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.

Client Testimonials

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 Miday Retired 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."

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."

Design Team

Architectural Design Team

Thomas R. Worlledge, AIA, LEED AP, REFP

Nicole D. Riley, Assoc. AIA

Michael S. Betsch, LEED AP

William M. Simms

Kari J. Dean

Engineering Team

Bradley A. Crow, PE, LEED AP

Director of Engineering Services / Mechanical Engineer / LEED Attributes

Tim E. Mizer, PE, RA

*Director of Operations /
Architectural Engineer*

Darren S. Duskey, PE

Electrical Engineer

Travis Petri, EIT

Engineer Intern

William D. Ciprella
Senior Mechanical Designer

Russell McClure
Senior Electrical Designer

Scott D. Kain
Plumbing & Electrical Designer

Michael A. Heath
Fire & Life Safety Designer

Allison M. Carmichael
Civil Site Designer

Certified Educational Facilities Professionals

Thomas R. Worlledge, AIA, LEED AP, REFP

Thomas L. Young, REFP

Interior Design

Deb Blakeman, NCIDQ #015070

Construction Administration

Dana E. Womack, Jr.

Thomas R. Worledge, AIA, LEED AP BD+C, REFP

Charleston Office Area Manager



Architect / Educational Specialist / 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. Worledge 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. Worledge 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. Worledge 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:

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

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

Bellann in Oakhill, WV (LEED Registered Project)

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

Educational Facility Architect:

Parkersburg High School - Wood County Schools

Parkersburg High School Link project - Wood County Schools

Williamstown High School - Wood County Schools

Hilltop Elementary School - Marshall County Schools

Sherrard Middle School - Marshall County Schools

McNinch Elementary School - Marshall County Schools

Brookview Elem. School Phase I & II - Boone County Schools

Maclin Hall - WVU Institute of Technology

WV State Police Academy - Renovations to Buildings A, B, and C; New Building D (Shooting Range Control Center)

WV State Police Academy Multi-purpose Building (in design)

Nicole D. Riley, Assoc. AIA

Architect Intern

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:

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 - Sherrard Middle School, Marshall County

This project included the demolition, renovations and additions to the 69,324 SF educational facility. Scope of work included new dining and classroom facilities, new commercial kitchen and emphasis on security. This facility is one of ten system-wide coordinated access control.

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

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

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 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.

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

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 10 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:

The Education Center / West Virginia Northern Community College in Wheeling, WV

Construction of an overpass that will serve as a connection between the College's B. & O. Railroad Building and the Education Center. This will provide students a quick and safe passage between buildings while avoiding traffic.

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.

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.

Arkansas Emergency Operations Center / Little Rock, AR*

Programming, master planning, and design development documentation for this statewide emergency operations center

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

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

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
Director of Engineering
Wheeling, WV (2005 to present)

BDA Engineering
Design Engineer / Project Manager
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 both a Professional Engineer and a **LEED Accredited Professional**, and has recently been appointed Director of Engineering Services at McKinley & Associates. His broad experience gives him the ability to understand and coordinate the various MEP systems within a buildings envelope in both new design and existing structures. He has headed numerous MEP projects for various building systems ranging from educational, commercial offices, retail, dormitories, and medical facilities. He has recently designed a Chilled Beam HVAC System for the Cameron Middle/High School Facility which will be the first of its kind in West Virginia.

NOTABLE PROFESSIONAL EXPERIENCES:

Mechanical Engineer

Boone County Schools - Scott High School
Boone County Schools - Brookview Elementary School
Boone County Schools - Madison Middle School
Hancock County Schools - Oak Glen High School
Hancock County Schools - Weir Middle School / High School
Ohio County Schools - Bridge Street Middle School
Ohio County Schools - J.B. Chambers Performing Arts Center at Wheeling Park High School
Marshall County Schools - Hilltop Elementary (LEED)
Marshall County Schools - Cameron Middle/High School (LEED)
Marshall County Schools - Washington Lands
Wetzel County Schools - Long Drain Elementary HVAC
Wetzel County Schools - New Martinsville School HVAC
Wetzel County Schools - Magnolia High School
Wetzel County Schools - Center for Children & Families
Wood County Schools - Parkersburg High School
Wood County Schools - Parkersburg South High School
Wood County Schools - Williamstown High School
Wood County Schools - Franklin Elementary School HVAC
Wood County Schools - Blennerhasset Middle School HVAC and boiler
WVU Colson Hall Renovations
WVU State Fire Training Academy / Jackson's Mill
WVU Institute of Technology - Maclin Hall
West Virginia Northern Community College - B&O Building
West Virginia Northern Community College - Education Center
Southern WV Community & Technical College - Williamson campus
Southern WV Community & Technical College - Wyoming/McDowell campus

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:

Grant County Schools / multiple upgrade projects

Marshall County Schools (\$38+ mil.)

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

Marshall County Schools - Hilltop Elementary (LEED)

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

Hancock County Middle School-new building/site

Barnesville (OH) Schools - new buildings

WVU Colson Hall renovations/upgrade

WVU State Fire Training Academy

West Virginia State Building in Logan, WV (LEED)

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

Panhandle Cleaning & Restoration warehouse and office building

Wheeling Island Casino - various projects

Independence Hall roof

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

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

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

Marshall County Schools - Hilltop Elementary (LEED)

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

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

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*)

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 Building in Logan, WV (LEED)

West Virginia State Building in Weirton, WV

Panhandle Cleaning & Restoration warehouse and office building

Bennett Square Office Building

Dr Ganzer Office Building

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

WVSP Headquarters (*Upgrade electrical service*)

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

United States Postal Service - statewide post offices

Travis Petri, EIT

Engineer Intern

EDUCATION:

West Virginia University
B.S. in Mechanical Engineering - 2003

PROFESSIONAL REGISTRATIONS:

Engineer Intern

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Project Engineer
Wheeling, WV (2006 to present)

Petri Detailing
Owner/Sole Proprieter
Wheeling, WV (2000 - 2006)

Mountaineer Gas Company
Engineering Internship
Wheeling, WV(1999)

SUMMARY OF EXPERIENCE:

Mr. Petri is skilled in the complete design and project management of mechanical systems, whether it is renovations or new construction. He has worked on several LEED projects, performed multiple energy studies, and can provide recommendations to building owners to provide energy savings.

NOTABLE PROFESSIONAL EXPERIENCES:

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

Marshall County Schools - Hilltop Elementary School (LEED registered project)

Wood County Schools - Parkersburg High School

Wood County Schools - Parkersburg South High School

Wood County Schools - Williamstown High School

Ohio County Schools - Bridge Street Middle School

Marshall County Schools - Washington Lands

Hancock County Schools - Oak Glen High School

Hancock County Schools - Weir Middle School / High School

Southern WV Community & Technical College - Williamson campus

Southern WV Community & Technical College - Wyoming/McDowell campus

West Virginia Northern Community College - B&O Building

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

West Virginia Independence Hall

Logan State Office Building (LEED registered project)

Braxton Co Senior Center

West Virginia State Police - Logan Detachment

West Virginia State Police - Academy

United States Postal Service - multiple projects

William D. Ciprella

Senior Mechanical Designer

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

ASHRAE

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2009 to present)

Burt Hill
Pittsburgh, Pa (2007-2009)

McKinley & Associates
Wheeling, WV (2005 to 2007)

Astorino Branch Engineers
Pittsburgh, PA (1995-2005)

SUMMARY OF EXPERIENCE:

Mr. Ciprella brings 45 years experience designing HVAC systems for industrial, institutional, and commercial facilities. He has 26 years experience using Autocad software, and twelve years using Microstation software. In addition, Bill has 35 years experience using computerized heating and cooling load calculation software. He has worked on the UPMC Cancer Centers, UPMC Passavant East Wing Addition, various projects at the Children's Hospital of Pittsburgh, Presbyterian Hospital of Pittsburgh, and various VAMCs in Pennsylvania.

NOTABLE PROFESSIONAL EXPERIENCES:

Marshall County Schools - Cameron Middle School / High School (LEED)
Wood County Schools - Parkersburg High School
Wood County Schools - Parkersburg South High School
Wood County Schools - Williamstown High School
Wood County Schools - Franklin Elementary School HVAC
Wood County Schools - Blennerhasset Middle School HVAC and boiler
Wood County Schools - Kanawha Elementary HVAC
Wetzel County Schools - Long Drain Elementary HVAC
Wetzel County Schools - New Martinsville School HVAC
Wetzel County Schools - Magnolia High School
Wetzel County Schools - Center for Children & Families
Wetzel County Schools - Maintenance Facilities
West Virginia University - Colson Hall
West Virginia Army National Guard - Multipurpose Building
United States Postal Service - Williamson, WV
United States Postal Service - HVAC in Grafton, WV
United States Postal Service - Clarksburg, WV
United States Postal Service - Charleston, WV
United States Postal Service - Huntington, WV
United States Postal Service - HVAC & Windows in Altoona, PA
United States Postal Service - New Cumberland, PA
United States Postal Service - Corry, PA
United States Postal Service - Monongahela, PA
United States Postal Service - HVAC in Washington, PA

Russell McClure

Senior Electrical Designer

SUMMARY OF EXPERIENCE:

Mr. McClure is the seniormost designer in our firm. Specializing in electrical design, he has over 14 years experience at McKinley & Associates in electrical, HVAC, plumbing, structural and architectural design. He also has performed construction administration duties ranging from a single family housing complex to complete HVAC replacements on multi-million dollar projects. In the past two years, he has performed the electrical evaluations on all of the schools in our 14 counties' Comprehensive Educational Facilities Plans; over 160 schools in all.

EDUCATION:

McKinley & Associates
Wheeling, WV (1996 to present)

NOTABLE PROFESSIONAL EXPERIENCES:

Marshall County Schools - Cameron Middle/High School (LEED Registered)
Marshall County Schools - Hilltop Elementary School (LEED Registered)
Wood County Schools - Parkersburg High School
Wood County Schools - Parkersburg South High School
Wood County Schools - Williamstown High School
Marshall County Schools - John Marshall High School
Marshall County Schools - Sherrard Middle School
Marshall County Schools - Moundsville Middle School
Marshall County Schools - Central Elementary School
Boone County Schools - Scott High School electrical
Boone County Schools - Brookview Elementary School
Boone County Schools - Madison Middle School electrical
Boone County Schools - electrical upgrades and data cabling at Van Junior/Senior high School, Sherman Junior High, Sherman High, Nellis Elementary, Whitesville Elementary and Van Elementary
West Virginia University - Colson Hall renovations/upgrade
West Virginia University - State Fire Training Academy
WVU Institute of Technology - Maclin Hall
West Virginia Northern Community College - B&O Building
West Virginia Northern Community College - Education Center
West Virginia State Office Building in Logan, WV (LEED Registered)
United States Postal Service - multiple projects
West Virginia State Police - multiple projects
Cabela's Eastern Distribution Center
WV Independence Hall
Capitol Theatre
Catholic Heritage Center
Maxwell Centre
Orrick Building
Wagner Building
Bennett Square Office Building
Sisters of St. Joseph's Convent rehabilitation
Dr. Ganzer Office Building
US Can renovation
OVMC Nurses Residence Hall

Scott D. Kain

Plumbing / Electrical Engineering Designer

EDUCATION:

Technology Education College /
Ohio State University
Associates in Mechanical Design - 1996

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Engineering Designer
Wheeling, WV (2001 to present)

HAWA Inc.
Mechanical Designer
Columbus, OH (1998-2001)

Autotool Inc.
Engineer
Columbus, OH (1995-1998)

SUMMARY OF EXPERIENCE:

Mr. Kain is an accomplished engineering designer who has performed in all the engineering trades we provide; specializing in plumbing, fire protection, and electrical. He has also worked for various McKinley & Associates' projects that needed mechanical, structural, and architectural elements. In addition, Mr. Kain has also provided 3D renderings for various projects over the past 10 years.

NOTABLE PROFESSIONAL EXPERIENCES:

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

Marshall County Schools - Hilltop Elementary School (LEED registered project)

Wood County Schools - Parkersburg High School

Wood County Schools - Parkersburg South High School

Wood County Schools - Williamstown High School

Ohio County Schools - Bridgestreet Middle School

Logan County Schools - Chapmanville Regional High School

Hancock County Schools - Oak Glen High School

Hancock County Schools - New Oak Glen Middle School

Hancock County Schools - Weir Middle School / High School

West Virginia University - Colson Hall renovations/upgrade

West Virginia University - State Fire Training Academy

West Virginia University - Stalnaker Hall roof replacement

WVU Institute of Technology - Maclin Hall

West Virginia Northern Community College - B&O Building

West Virginia Northern Community College - Education Center

Glenville State College - R.F. Kidd Library

Wheeling Jesuit University - Erma Ora Byrd Center for Educational Technologies

Wheeling Jesuit University - Robert C. Byrd National Technology Transfer Center

Logan State Office Building (LEED registered project)

West Virginia State Building in Weirton, WV

West Virginia State Police - Logan Detachment

West Virginia State Police - Academy

Michael A. Heath

Mechanical, Fire & Life Safety Engineering Designer

EDUCATION:

ITT Technical Institute
Associate Degree in Specialized Technology:
Computer-Aided Drafting Technology - 2000

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Mechanical, Fire & Life Safety Designer
Wheeling, WV (2007 to present)

Janus, Inc.
AutoCAD Designer / Project Manager
Pittsburgh, PA (2002-2007)

Comunale Automatic Sprinkler
Fire Protection Designer
Pittsburgh, PA (July 05 - Oct 05)

S.A. Comunale Inc.
Fire Protection Designer
Pittsburgh, PA (2000-2002)

SUMMARY OF EXPERIENCE:

Mr. Heath brings a cross-trained design background to your project, and has vast knowledge in a diverse range of disciplines. He was trained by the National Fire Protection Association (NFPA) in Dallas, Texas, and has used these skills to work on projects from multiple business sectors and with various sizes, such as the 4 story, 1,500,000 square foot David L. Lawrence Convention Center in Pittsburgh, Pennsylvania. He has vast expertise in designing and calculating fire protection systems, standpipes, dry and wet systems, hydraulics, and water cannons; stock listing materials for systems; as well as surveying job sites and frequent business trips to coordinate jobs.

NOTABLE PROFESSIONAL EXPERIENCES:

Cameron Middle School/High School in Cameron, WV
(LEED Registered Project)

J. B. Chambers Performing Arts Center at Wheeling Park
High School - Ohio County Schools

For 14 West Virginia counties; provided Fire Protection and Mechanical assessments at every school, for their 10-year Comprehensive Educational Facilities Plan (CEFP).

Madison Elementary School

John Marshall Fieldhouse

McNinch Elementary School

Sherrard Middle School

Cameron Elementary School addition

Tyler County Schools - 3 HVAC projects

Capitol Theatre

West Virginia Independence Hall

David L. Lawrence Convention Center

Amide Pharmaceutical (New Jersey)

West Virginia Army National Guard - Multipurpose Building
at Camp Dawson

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

Allison M. Carmichael

Civil Site Designer

EDUCATION:

Youngstown State University
B.S. Civil Engineering Technology - 2000

Kent State University
Architectural Drafting Technology - 1983

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Civil Site Designer
Wheeling, WV (2006 to present)

Lynn, Kittinger & Noble Inc.
Staff Engineer
Warren, OH (2003-2006)

Engineering Services & Consultants Inc.
Staff Engineer
Youngstown, OH (2001-2003)

The Cafaro Company
Civil Engineering Technologist
Youngstown, OH (1992-2001)

A. C. Charnas & Associates
Drafter, Soil Technician
Warren, OH (1983-1992)

SUMMARY OF EXPERIENCE:

An extremely talented Designer with experience in planning, governmental permitting, design, construction documents, cost analysis and procurement, request for information during construction and inspections. Her qualifications include experience with site development for commercial, industrial, institutional, and residential properties.

NOTABLE PROFESSIONAL EXPERIENCES:

Responsibilities include design work and project management of site development projects that include commercial, institutional and residential

Concentration is in Zoning, Storm water management and Phase II Water Quality site implementation

Managed projects with clients to plan and design sites for residential, commercial and industrial use; from conceptual stage to securing project approvals for construction

Designed and developed contract documents

Estimated site construction costs

Performed construction inspection

Supervised and instructed co-employees on engineering projects

Secured project approvals through local, state and federal governmental organizations

Examples of projects included a residential subdivision consisting of fifty-five 0.50-acre lots; an 8-acre residential retirement facility; and an 18-acre construction and demolition debris landfill

Commercial Projects include banking, retail and restaurant sites; either stand-alone sites or outparcel development

Institutional Projects include additions, renovations and new site development

Thomas L. Young, REFP

Educational Specialist

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)

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 over 30 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

Braxton County High School - Fairmont State addition

West Virginia University - Colson Hall

West Virginia University - State Fire Training Academy

WVU Institute of Technology - Maclin Hall

West Virginia Northern Community College - The Education Center

West Virginia Northern Community College - B. & O. Building

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

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

Sisters of St. Joseph - Convent / Assisted Living renovation project

Braxton County Senior Center

West Virginia State Police Academy

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

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)*

Interior Designer / Sales

WV Graduate College (Furnishings)*

WV Credit Union (Space Planning, Furnishings and Finishes)*

Adjunct Professor

University of Charleston

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

Dana E. Womack, Jr.

Construction Administrator (Project Coordinator)

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:

Brookview Elementary - Boone County Schools
Honors Academy - Boone County Schools
Madison Middle - Boone County Schools
Scott High - Boone County Schools
Summers County High - Summers County Schools
West Virginia State Police Academy Renovations
WVSP Logan Detachment
West Virginia State Building in Logan, WV (LEED)

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

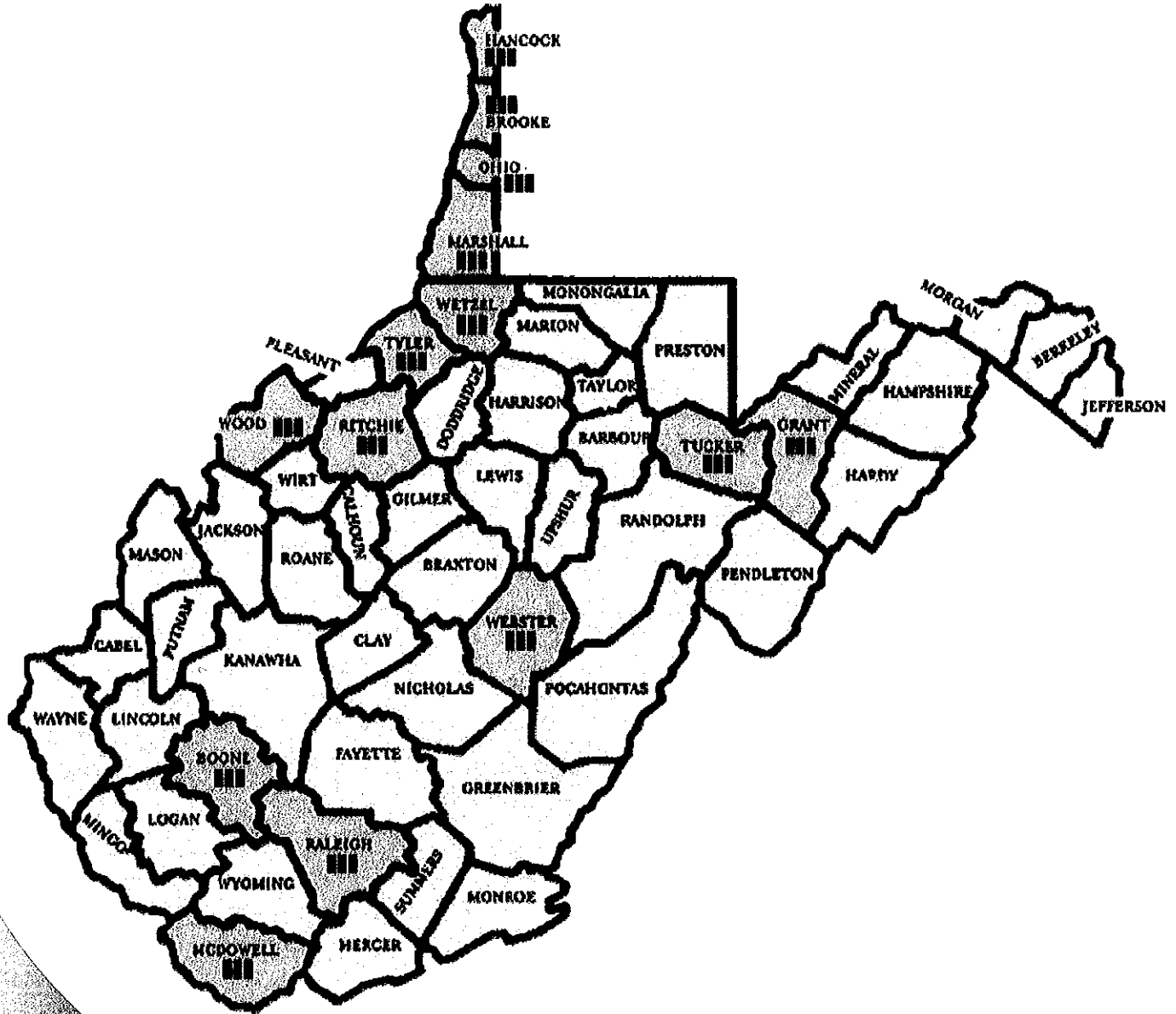
Superintendent

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.

14 West Virginia counties' 10-year CEFP Plan

We currently are contracted with Fourteen West Virginia School Counties to provide their 10 year Comprehensive Educational Facilities Plans (CEFP 2010-2020) which involves over **160 schools**. This includes the complete evaluation of the building envelope, HVAC, electric, plumbing, and school access safety systems.



School Bond and CEFP 2010-2020

Wood County Schools

Wood County, WV - county-wide

Owner

Wood County Schools

Project Architects-Engineers

McKinley & Associates

Coordination Architect

Gregg Dorfner, AIA

Contractors

Colaiani Construction

Cattrell Companies

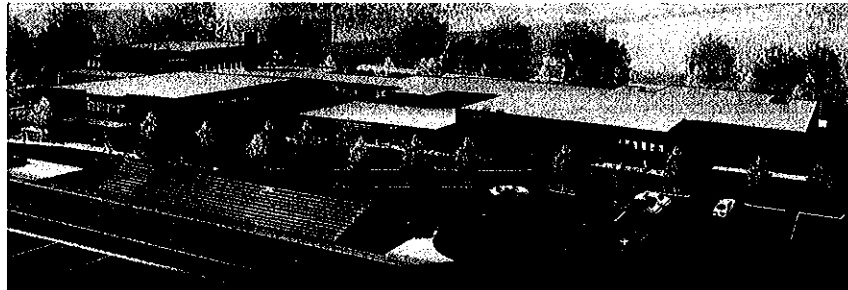
Grae-Con Construction

Multiple projects are underway/completed for Wood County Schools. These include, but are not limited to, Parkersburg High School renovations, Parkersburg South High School renovations, Williamstown High School renovations, Franklin Elementary School, Hamilton Middle School elevator, Blennerhassett Middle School auditorium HVAC upgrades and boiler replacement, Kanawha Elementary HVAC, Mineral Wells façade renovation and coil replacements, Neale Elementary renovations, Vienna Elementary renovations, Waverly Elementary classroom additions, Jefferson Elementary Center parking lot, Martin Elementary HVAC, Jackson Middle School, Edison Middle School, and the Edison Junior High boiler replacement project. The total addition and renovation of the **three high schools alone** are 557,000+ SF approx and \$63+ million.

Parkersburg High School



Williamstown High School



Parkersburg South High School



School Bond and CEF 2010-2020 Marshall County Schools

Marshall County, WV - county-wide

Owner

Marshall County Schools

Project Architects-Engineers

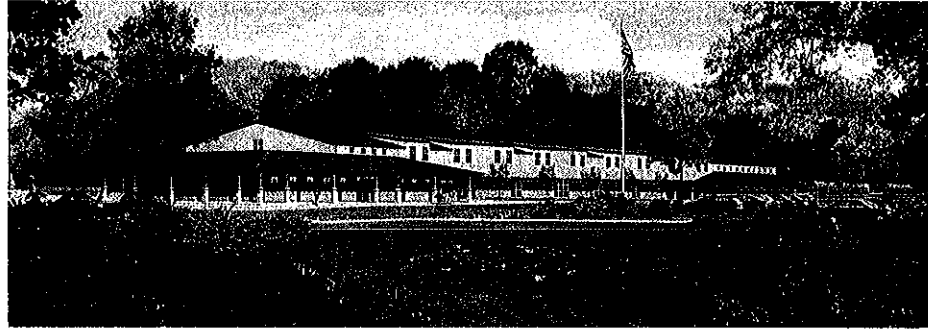
McKinley & Associates

Coordination Architect

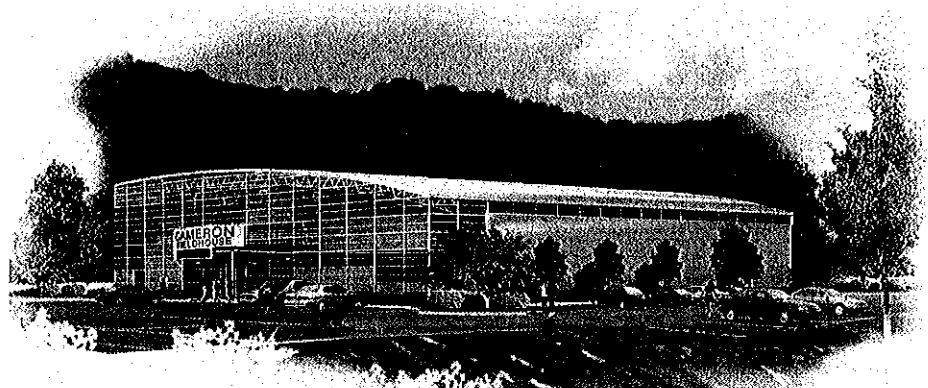
Tim Mizer, PE, RA

Multiple projects are underway/ completed for Marshall County Schools. These include, but are not limited to, the LEED registered 49,700 SF Hilltop Elementary School, Cameron Elementary, Monarch Stadium master plan, Central Elementary, the 42,725 SF Washington Lands Elementary School roof replacement, McNinch Elementary, Parkview Conversion, Moundsville Middle School, Sherrard Middle School, Cameron Field House, John Marshall High School chiller replacement, the 88,000 SF John Marshall High School roof replacement, John Marshall Field House-Stadium, Sanford demolition, Moundsville Junior High demolition, and the John Marshall High School baseball field flood study. Currently under construction is the new \$32 million Cameron Middle School / High School, which is a 130,000 SF facility that was designed with potential LEED Silver Certification.

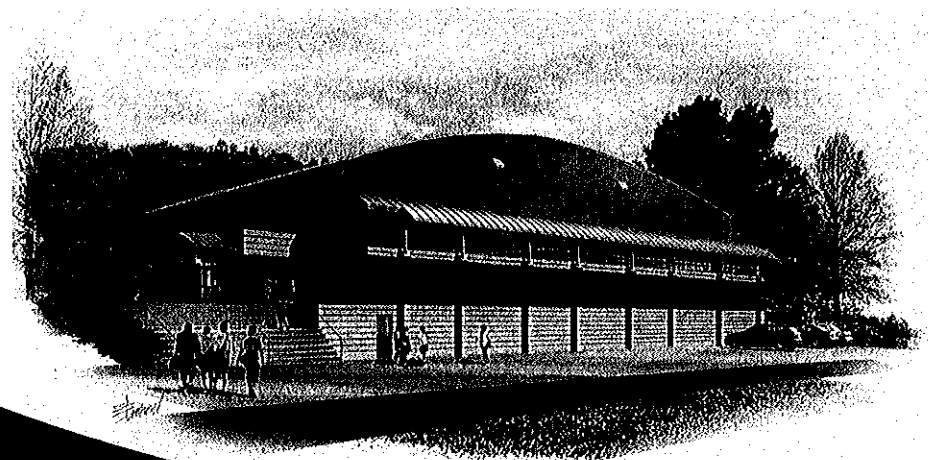
New Hilltop Elementary School



New Cameron Fieldhouse



John Marshall Fieldhouse



School Bond and CEFP 2010-2020 Hancock County Schools

Hancock County, WV - county-wide

Owner
Hancock County Schools

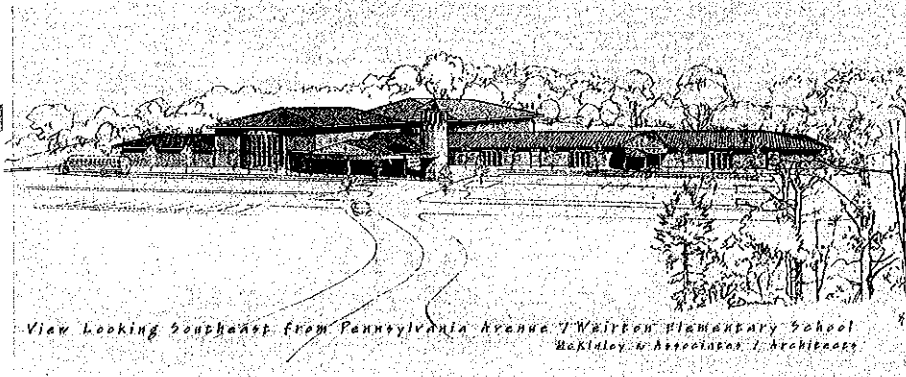
Project Architects-Engineers
McKinley & Associates

Coordination Architect
Gregg P. Dorfner, AIA

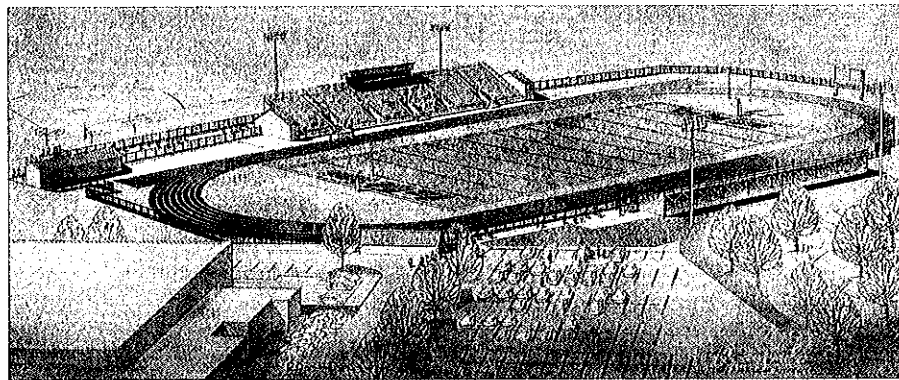
Multiple projects are underway for Hancock County Schools, which are a part of a \$56 million Bond Levy that was passed in the November 2010 election. These include, but are not limited to, a new elementary school to replace the three existing elementary schools located in Weirton and to upgrade and modernize the remaining six schools and the John D. Rockefeller IV Career Center. This bond call is a result of the Comprehensive Education Facilities Plan (CEFP) that was developed by McKinley & Associates.

The new 950 student Weirton Elementary School will replace Weirton Heights, Liberty, and Broadview Elementary Schools. The other projects are Allison Elementary additions and renovations, New Manchester Elementary additions and renovations, Oak Glen Middle wrestling room, Oak Glen High renovations, Oak Glen High Stadium, Weir Middle School renovations, Weir High renovations, Weir High Stadium, and John D. Rockefeller IV Career Center HVAC project.

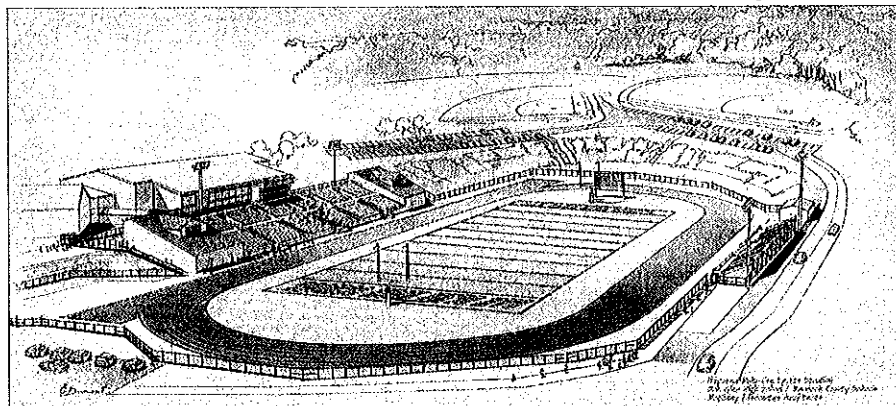
New Weirton Elementary School



New Weir High School Stadium



New Oak Glen High School Stadium



Braxton County High School Braxton County Schools in affiliation with Fairmont State

Flatwoods, West Virginia

Owner
Braxton County Schools

Size
25,000 SF approx.

Construction Cost
\$3.9 million

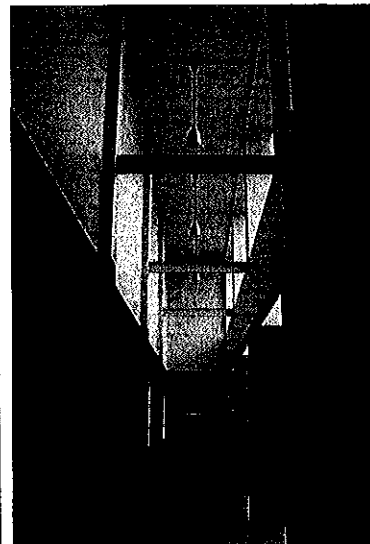
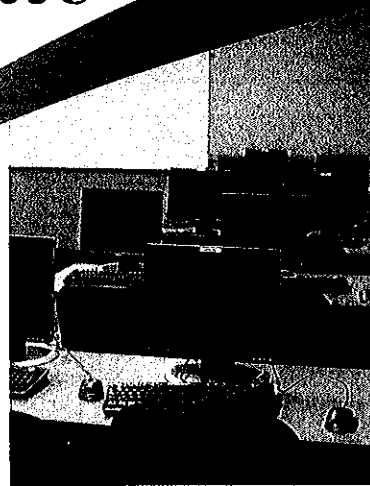
Project Architects-Engineers
McKinley & Associates

Project Architect
Christina Schessler, AIA

Contractor
Angsten Constructions



BEFORE
and AFTER



The Braxton County High School, Fairmont State University and The Fairmont Technical College combined goals to create a dual purpose facility that could serve as a link between high school students and those students who desired to move on to the college level. The 25,000 SF facility was designed to appeal to both levels of students yet provide separate program specific spaces.

The Fairmont State program includes 3 classroom; a conference area plus reception space convertible into a classroom; administrative area and storage. In addition, older students of Fairmont State have separate, carded access entrances. The Fairmont Technical College program also included a welding room/classroom with a loading dock entrance.

The Braxton County High School program included a relocated administration suite (principal, assistant principal, 2 counselor offices, 4 general administration, and staff restrooms); a new healthcare suite; a school store; a skylight lit Senior Students Commons area and plenty of storage. The Commons opened up to the College level above the informal eating area.

Petersburg High School Gym Grant County Schools

Petersburg, West Virginia

Owner
Grant County Schools

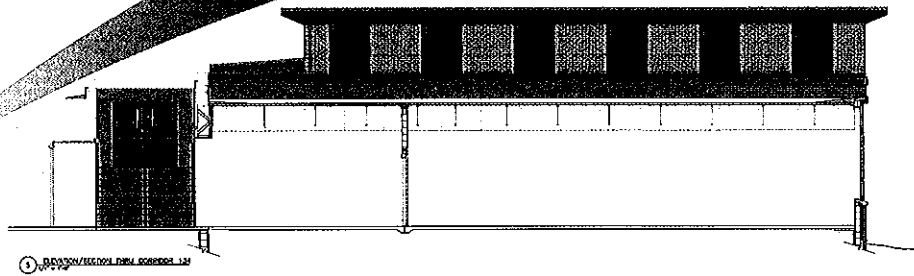
Size
18,000 SF approx.

Construction Cost
\$1.25 million

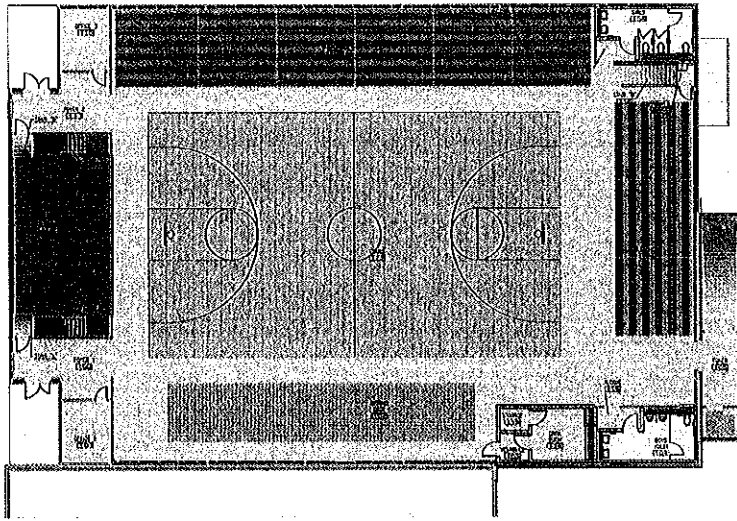
Project Architects-Engineers
McKinley & Associates

Project Architect
Christina Schessler, AIA

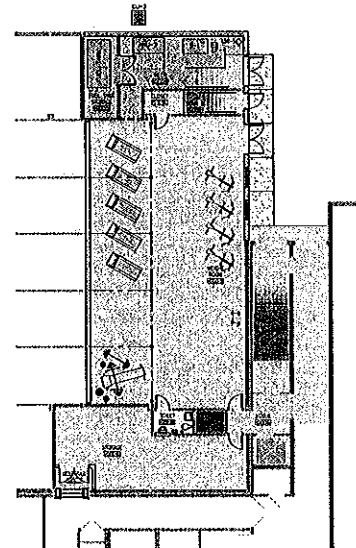
Contractor
Harbel Inc. Construction



NORTH ELEVATION



FIRST FLOOR



GROUND FLOOR

The renovation project for the old Petersburg High School Gym included a new weight room, HVAC upgrades, door and window replacement, and the skinning of the exterior.

Weir High School HVAC Hancock County Schools

Weirton, West Virginia

Owner
Hancock County Schools

Construction Cost
\$5 million

Project Architects-Engineers
McKinley & Associates

Contractor
R. A. Finnegan



This \$5 million HVAC project involves:

the demolition of the existing HVAC System which includes single zone air handling units, multizone air handling units, unit ventilators, boilers and pneumatic control system

abatement of asbestos insulation on boiler piping

the construction of the new Mechanical Rooms at Building A and F

the installation of the new hot water boiler plant which includes four 1750 MBH boilers, pumps, hydronic specialties and controls

the removal of corridor ceilings and installation of two 225 ton chilled water piping mains. As part of the removal of the corridor ceilings all existing ceiling mounted equipment shall be temporary suspended until new ceilings are installed and the equipment can be remounted. The ceiling mounted equipment shall be field verified and will include but is not limited to lights, sprinklers, smoke detectors, exit signs, intercom speakers, air inlets & outlets, etc.

the installation of the primary conduits, concrete pads for the utility pedestal and transformers, the secondary conduits and conductors from the transformer to the existing switchboard in Building 'H', as well as the cutover of this switchboard to the new service, secondary conductors and raceways from the other two transformer pads to the panelboards in the new Mechanical Rooms at Building A and F.

the air handling units serving the Auditorium and Cafeterias will be replaced when the school is on a break, and the work will be completed and the systems operational prior to the students returning to the school.

the remaining air handling units will be replaced during the school year. The adjacent classrooms, where the units will be removed and re-installed, shall be relocated temporarily.

the exhaust fans and other miscellaneous mechanical equipment replacement shall be coordinated with the owner and engineer.

the unit ventilators are to be replaced in the summer of 2010, which includes misc. pipe chases, valving & electric.

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ARCHITECTS • ENGINEERS • INTERIOR DESIGN



Oak Glen Middle School Hancock County Schools

New Manchester, West Virginia

Owner

Hancock County Schools

Size

82,000 SF

Construction Cost

\$11 million

Project Architects-Engineers

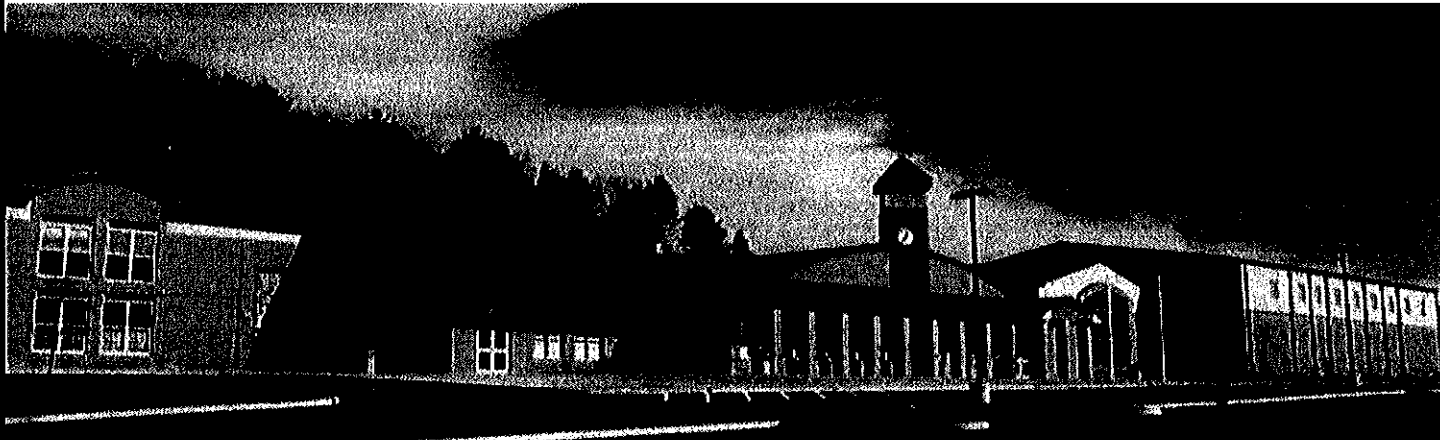
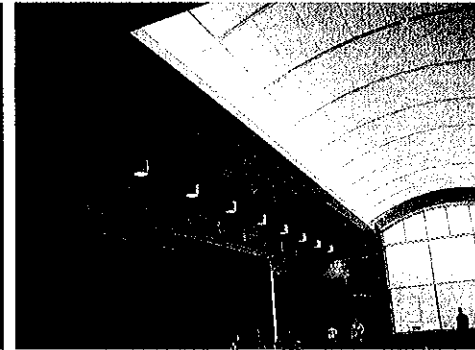
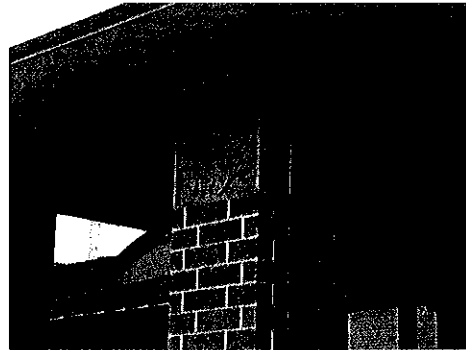
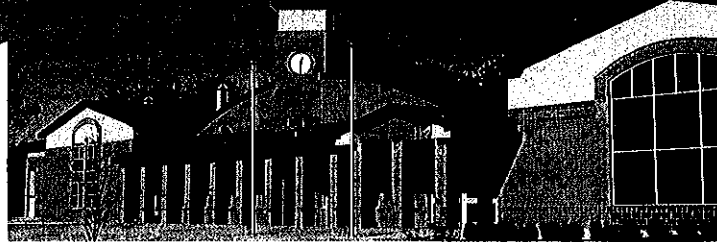
McKinley & Associates

Project Architect

Gregg Dorfner, AIA

Contractor

Colaiani Construction



Oak Glen Middle School was a very exciting project for McKinley Associates, since it was our first design for a brand new school aside from renovations and additions. The \$11 million Oak Glen Middle School serves as a replacement for an existing Grade 5-8 facility of 700 students in Hancock County, WV. Separation of the students along grade 5-6 and 7-8 lines was essential, both physically and educationally, as the school district intended to maintain a self-contained instructional model for the younger children while also transitioning to a departmental model for the older ones. To solve this problem, a 2-story design evolved for the academic wing, with grades 5 & 6 placed on the upper floor and grades 7 & 8 on the lower of this 82,000 SF facility. Each of the segregated grade groups is served by its own respective "core" spaces for general classroom instruction, exceptional instruction, planning, toilets, science spaces and computer labs. Both grade groups share common element spaces such as media, PE, resources and food service.



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Chapmanville Regional High School Logan County Schools

Chapmanville, West Virginia

Owner
Logan County Schools

Size
138,500 SF approx.

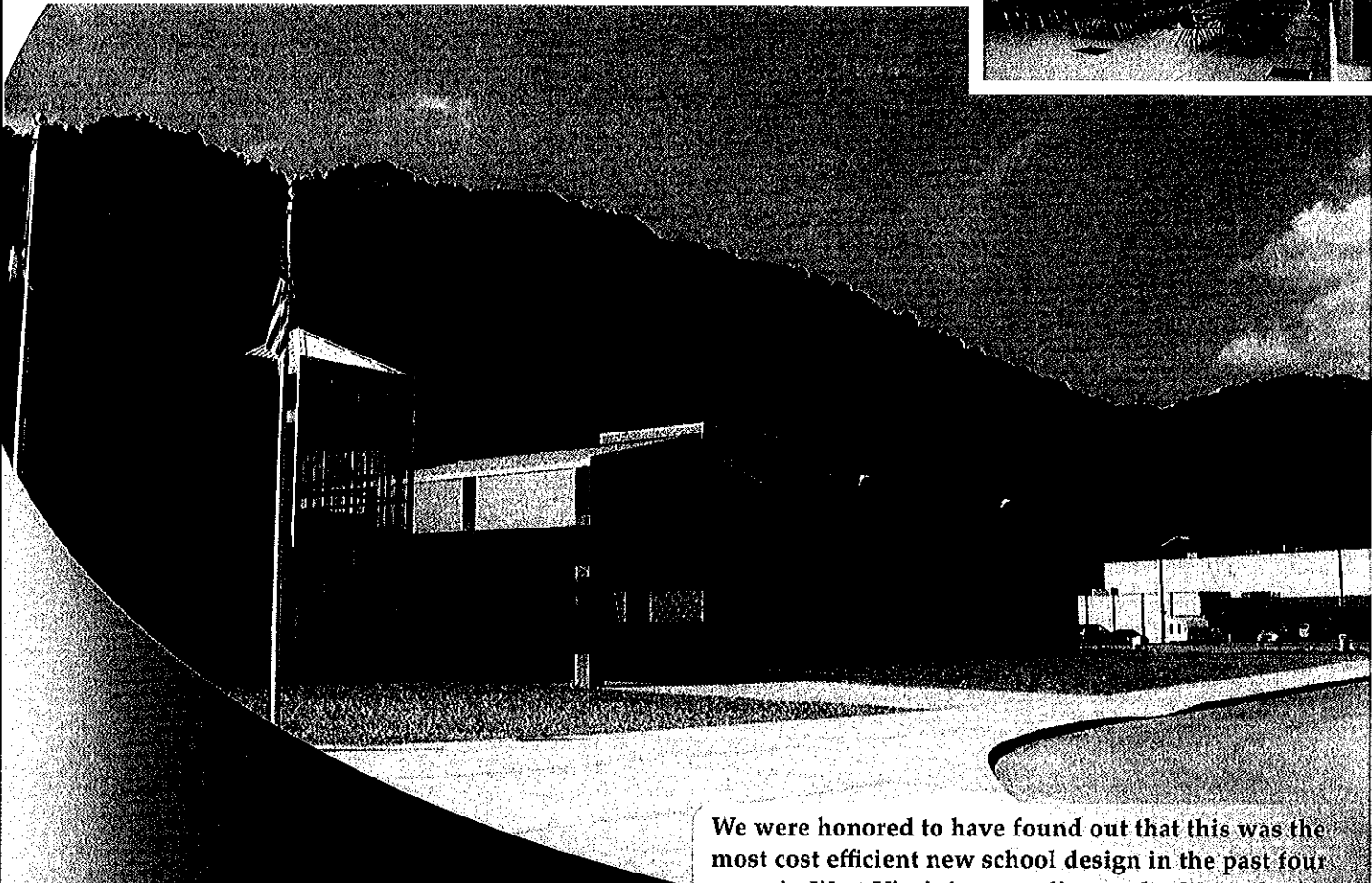
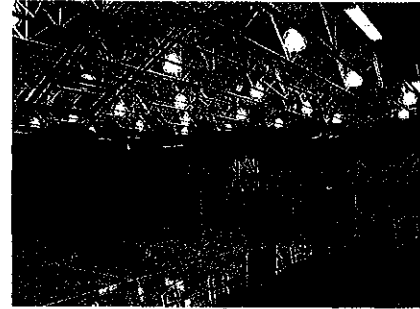
Construction Cost
\$21 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Gregg Dorfner, AIA

Contractor
City-Window & Construction Co.

Recently completed construction of a state of the art new high school that houses the latest technology to provide students with excellent education. The school just opened for the 2007-2008 school year, and it accommodates over 700 students that attend from all over Logan County.



We were honored to have found out that this was the most cost efficient new school design in the past four years in West Virginia, according to the SBA! The final cost of this project was only \$158.41 per square foot.

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

The 49,700

SF Hilltop Elementary

School didn't start out as a **green** school but the design intent was to incorporate good **sustainable design** practice. This \$8.4 million school was designed to blend into the backdrop of a small rural community. Typical of West Virginia, hilly terrain prohibits huge, sprawling facilities. The school board wanted to use the property it already owned; a little used football field at the local middle school fit the need for both parameters. **During design coordination with the engineering team members the energy model that was developed compelled the designers to reduce the chiller capacity and system design; thus reducing energy use while saving money.** Sun shades mounted over classroom windows eliminate noonday sun from equinox to equinox. After reviewing the design, the client chose to submit for LEED Silver Certification. A lot of time was spent researching LEED-approved furnishings, finishes, etc. to make the indoor environmental quality conducive to learning, and to minimize maintenance. A combination of masonry and metal siding was chosen for durability and all were manufactured locally. The metal siding and roofing is **Cradle to Cradle Certified** which is a program that focuses on manufactures whose products are perpetually recycled; new roofing and siding from old roofing and siding in a closed loop. 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 amount was well below the national average for elementary school construction, sustainable or not. **The client has realized savings in the first school year in shape of lower electricity bills. Hilltop Elementary will be the first LEED Certified School (K-12) in the state of West Virginia.**



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

John Marshall Field House Marshall County Schools

Moundsville, West Virginia

Owner
Marshall County Schools

Size
25,540 SF

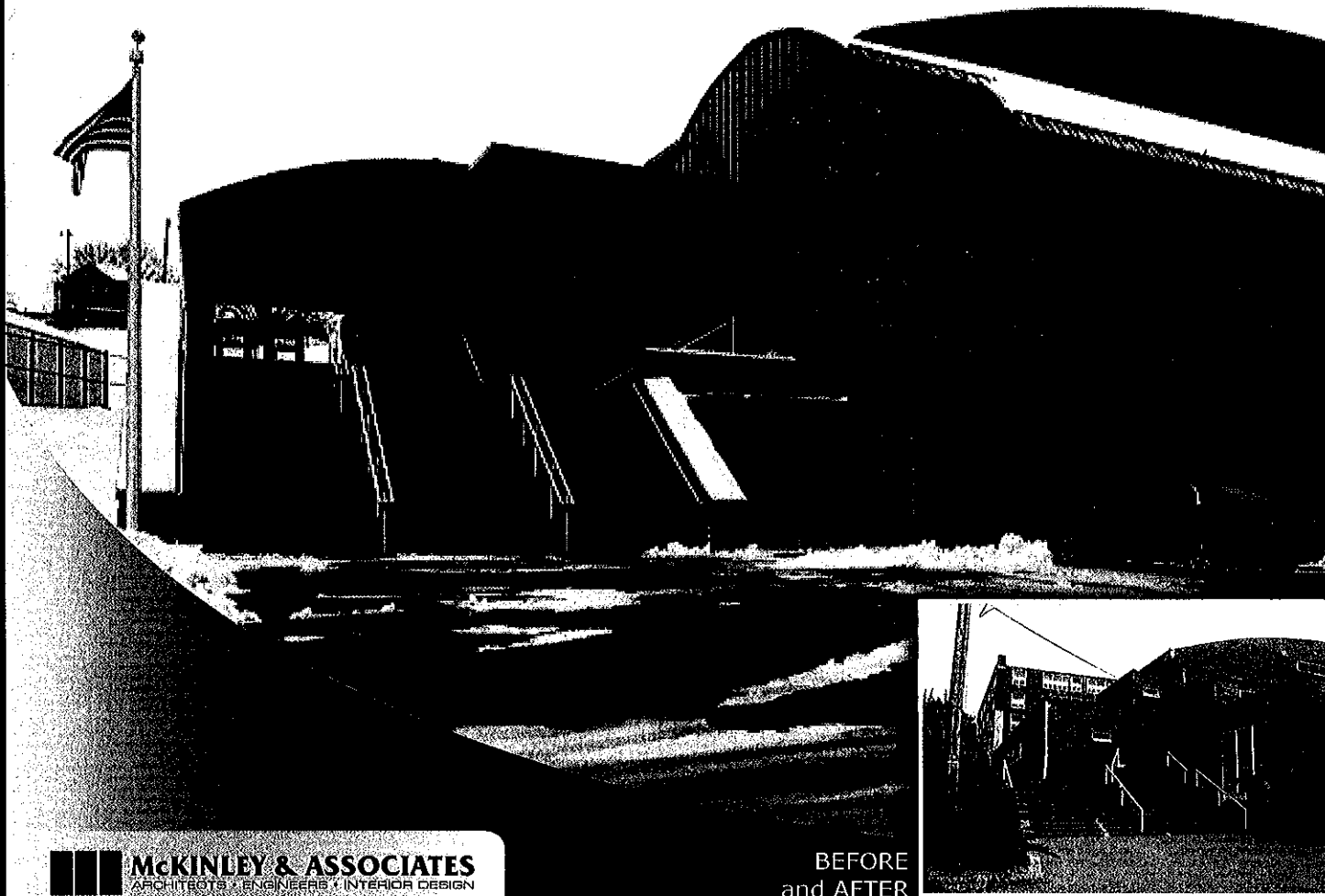
Construction Cost
\$4 million approx.

Project Architects-Engineers
McKinley & Associates

Project Architect
Gregg Dorfner, AIA

Contractor
Grae-Con Construction

This project involved the renovation of the existing John Marshall Fieldhouse facility, which included a new vinyl composite tile flooring, replacing 2 existing scoreboards, stadium seats & fixed bleachers (approx. 1,800-seats), the ceiling, the motorized main court & cross-court backstops, and all the windows; renovating the existing locker rooms; converting the existing JHS cafeteria/kitchen space into new entrance/concessions area with public toilet rooms; repainting the gym walls; providing a new elevator addition to allow for lower parking lot access to new lobby areas; HVAC upgrades; electrical upgrades; new sound system; new lighting; and an extended fire alarm and data systems.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

BEFORE
and AFTER



Wheeling Park High School Ohio County Schools

Wheeling, West Virginia

Owner
Ohio County Schools

Size
16,500 SF approx.

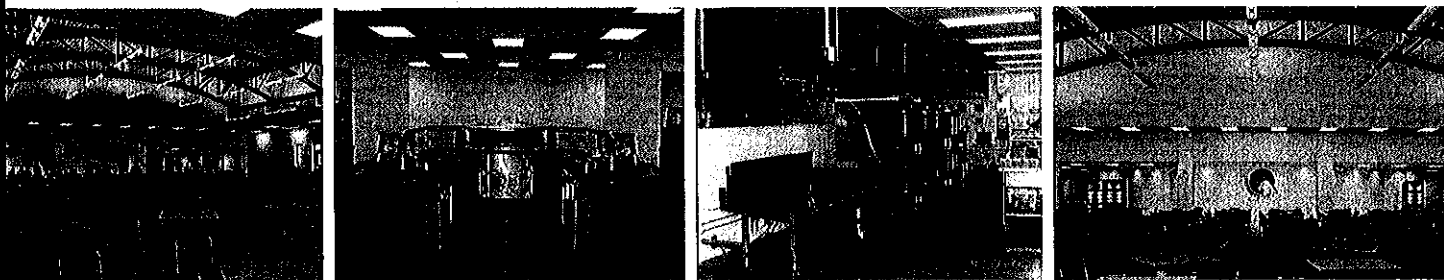
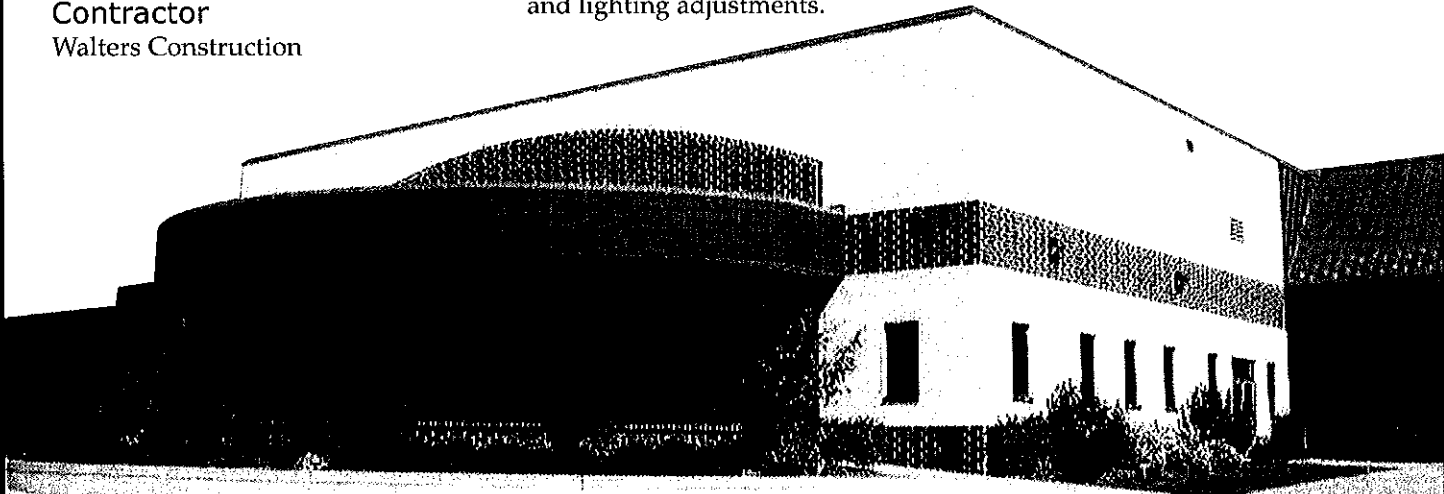
Construction Cost
\$1.2 mil.

Project Architects-Engineers
McKinley & Associates

Project Architect
Gregg Dorfner, AIA

Contractor
Walters Construction

Ohio County Schools requested architectural and engineering services to create an approx. 16,500 SF addition, as well as renovations to existing space, to Wheeling Park High School. This \$1.2 million project consisted of a food court that serves 600 students every 21 minutes, as well as a new kitchen. In the kitchen area, there were renovations which included the existing 6,140 SF dry storage area, as well as renovations of a classroom for 3,720 SF of additional dry storage space. Moreover, we added new kitchen equipment including a new cooler and freezer. There were new ceilings, lighting, door openings, and HVAC adjustments. The server area for the Cafeteria is made up of 3 separate lines entered from the corridor, which are 1) full meal, 2) a la carte and 3) soup and salad. There are 3 cashiers at the end of the serving lines, and each line has a back-up area for storage and a hand sink. The full meal line has a back-up area large enough 3 tube pot sinks. The commons area included 4,560 SF of renovations to the existing commons area, renovation of the food service area, new walls and ceiling, and HVAC and lighting adjustments.



In addition to renovations, there was also 7,159 SF of new additions which included new food court equipment and new furnishings.

We also converted a small commons area into a 3,320 SF Technology Center.

J.B. Chambers Performing Arts Center Ohio County Schools

Wheeling, West Virginia

Owner
Ohio County Schools

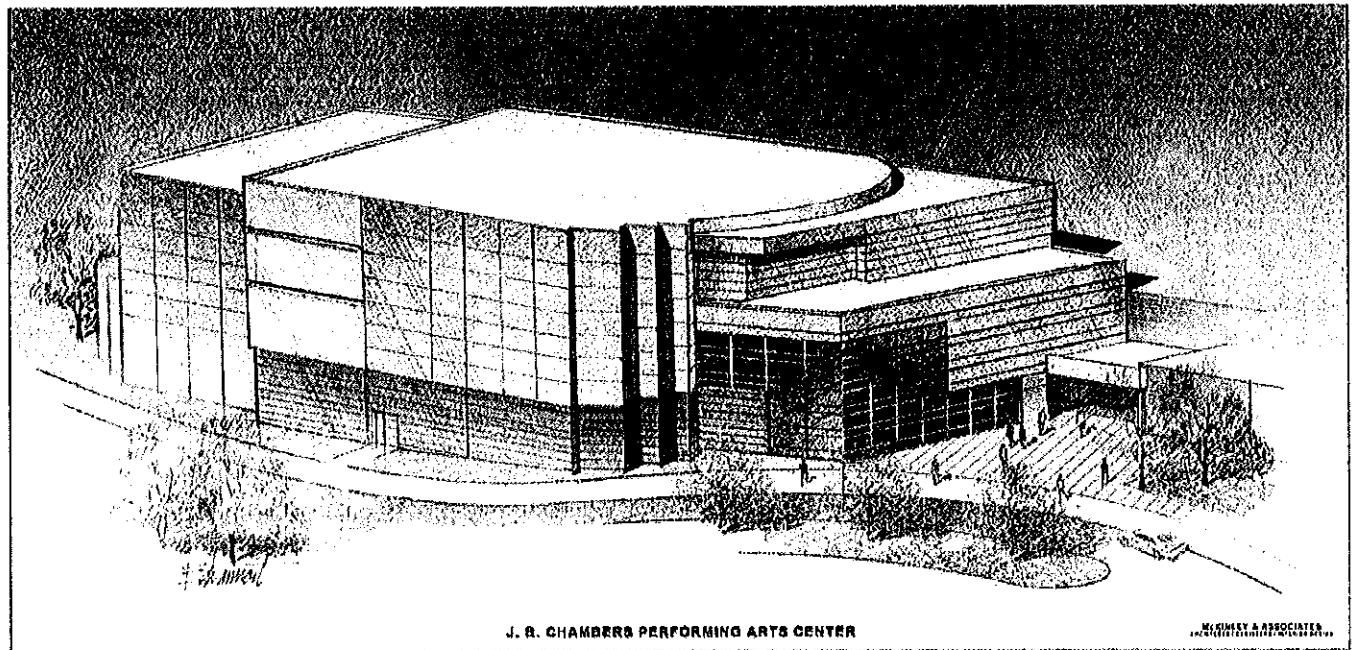
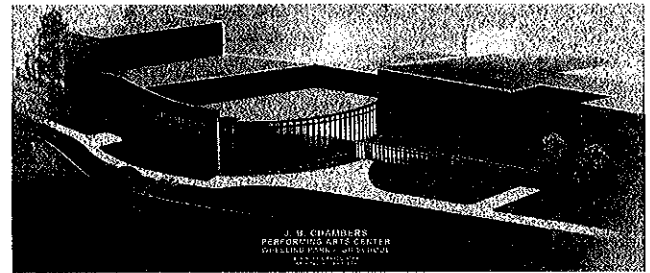
Size
1,200 Seat Auditorium

Construction Cost
\$10 mil. approx.

Project Architects-Engineers
McKinley & Associates

Project Architect
Ray Winovich, RA

Contractor
Jarvis, Downing & Emch, Inc.



Currently in construction is a new Performing Arts Center for Ohio County Schools. This performing arts center is to be integrated with Wheeling Park High School, and will take center stage for any production for any school in the district, replacing the old 400-seat theater inside the high school. This project is expected to be finished by the start of the 2010 school year.

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Bus Maintenance Facility Tyler County Schools

Middlebourne, West Virginia

Owner
Tyler County Schools

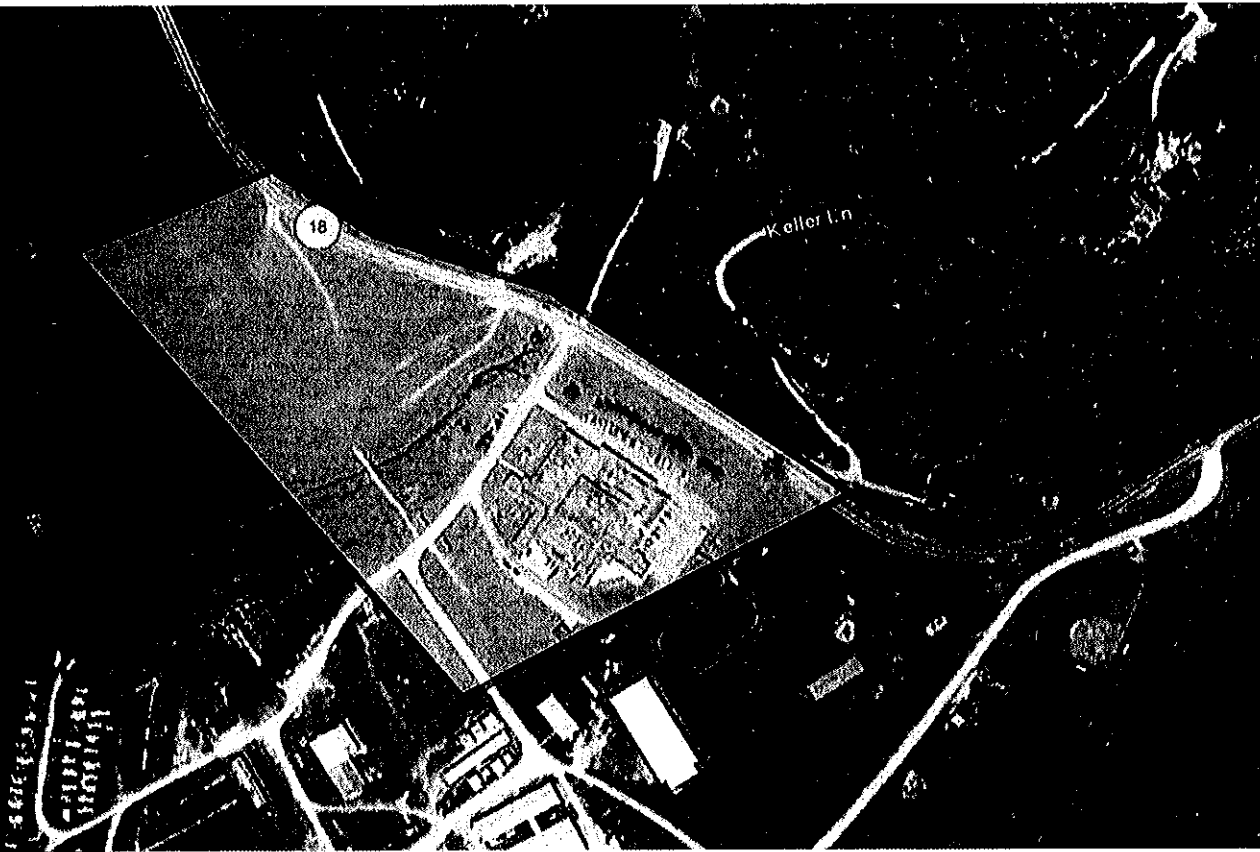
Size
13,260 SF approx.

Project Architects-Engineers
McKinley & Associates

Project Manager
Patrick J. Rymer, Assoc. AIA

Currently in design is a Bus Maintenance Facility for Tyler County Schools. The 5,050 SF of maintenance spaces includes an area for parts/storage/dispensing, fluids room, tire storage, battery storage, locker room, an additional storage room, and utility rooms.

In addition, there is 1 interior wash bay and 4 maintenance bays (at 1,440 SF each) for an additional 7,200 SF of maintenance space. This area includes a paint bay, flammable storage/mixing, body shop bay, tire repair, and welding/machine room.



The 1,750 SF of administrative spaces includes the Transportation Director's office which includes dispatch, the maintenance office, a work room, conference room, waiting area with reception, and a break room. Also included is a fuel dispensing station, 2 lifts, security fencing, a bus parking lot, a regular parking lot, access control, and sprinklers.

Parkersburg High School Wood County Schools

Parkersburg, West Virginia

Owner
Wood County Schools

Size
254,000 SF approx.

Construction Cost
\$19 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Thomas R. Worlledge, AIA

Contractor
Grae-Con Construction

Parkersburg High School was founded in 1867, and was one of the first high schools in the state of West Virginia. The current building housing is a Tudor style structure with three stories housing over 38,000 SF. It was built in 1917, making it one of the oldest school buildings in West Virginia and it is one of the largest high school campuses in the state. The original building features extensive stone work and exquisite interior plaster work detailing. The renovation project encompassed all of the original building, an addition of a three story science and cafeteria wing and an auxiliary gymnasium for a total cost of 20 million dollars.

In 2005, a bond issue was passed to upgrade all the high schools in the county; in the fall of 2008, the work was complete. Being a historic school with a strong alumni association, it was paramount that the original historic caricature of the building remained intact. Our design protected the grand front façade in favor of small additions to the rear of the building. We carefully matched the profiles of the stone and matched the brick to give a seamless transition from the old and new structure on the exterior. Many meetings were held with the state historic association and the alumni to insure the building would not be disfigured by the renovations and additions.



The interior of the building needed major upgrades including a new electrical system (an upgrade to the electrical service, including medium voltage distribution, and renovation work), a new HVAC system, fire protection upgrades and major interior space planning to meet a modern high school's needs. The HVAC system required that we put louvers through the wall.

We designed a custom grill colored to match the brick to conceal the intakes.

Parkersburg South High School Wood County Schools

Parkersburg, West Virginia

Owner
Wood County Schools

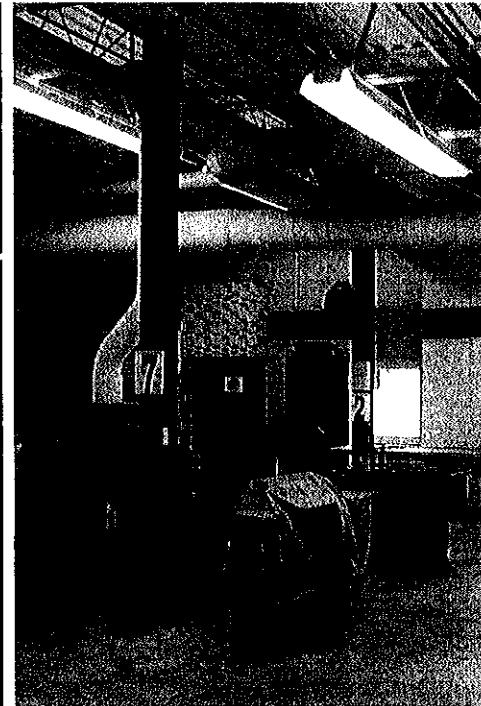
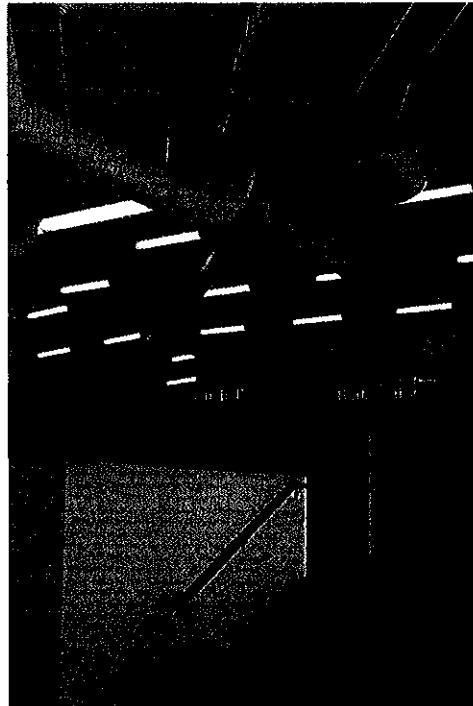
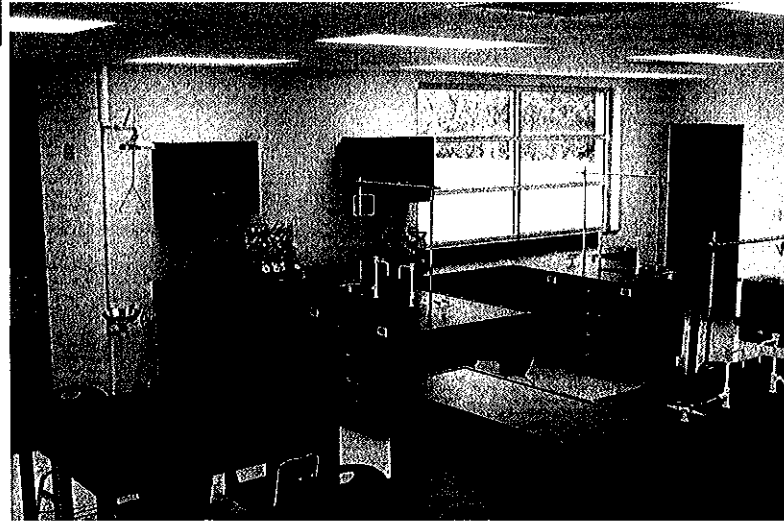
Size
270,000 SF approx.

Construction Cost
\$23 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Ray Winovich, RA

Contractor
Grae-Con Construction



Completed in July 2008, Parkersburg South High School is one of three high schools in Wood County in which we completed major construction. The project included 270,000 SF of demolition, additions, renovations and construction administration for an educational campus. Additions included were science laboratories, industrial arts, day care facilities, offices, general classrooms and athletic gymnasiums. Scope also included system wide coordination access control.

Colson Hall West Virginia University

Morgantown, West Virginia

Owner
West Virginia University

Size
35,000 SF approx.

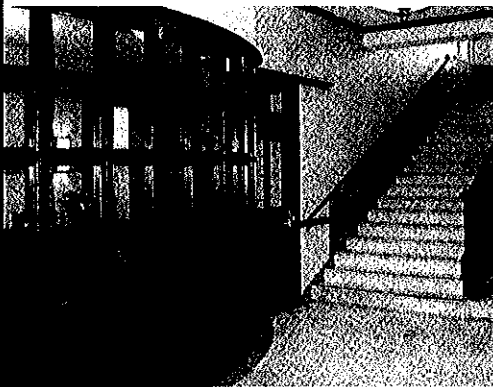
Construction Cost
\$5.6 mil.

Project Architects-Engineers
McKinley & Associates

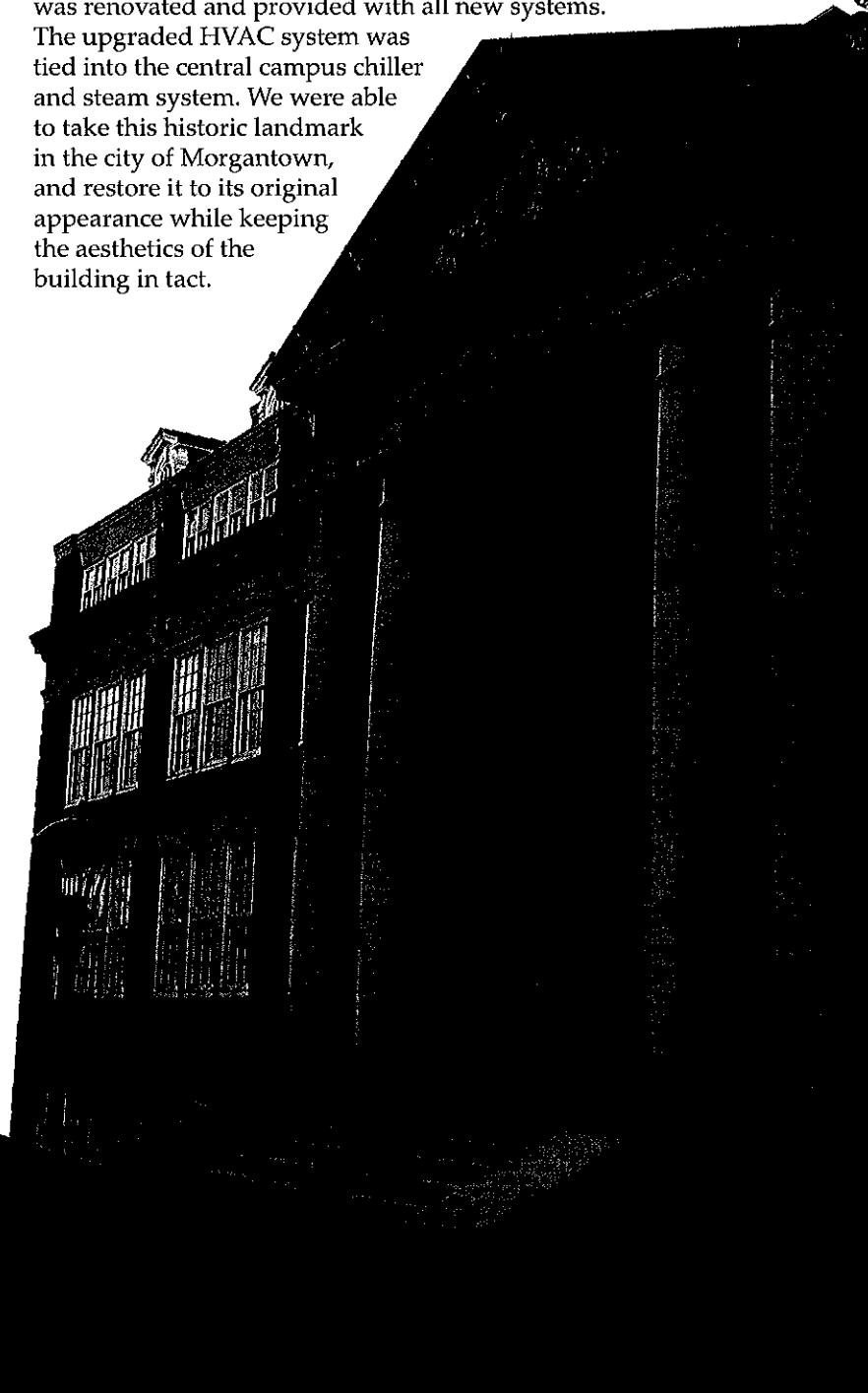
Project Architect
Denis Gill, AIA

Contractor
TEDCO Construction

During the process the owner requested the exterior of the building be restored to its original design from 1923, and due to our experience with historic preservation work, we were able to accomplish the needed construction of the façade to bring it back to its original appearance. Since this building is now the home to offices, we had to create a quiet and comfortable HVAC system, create adequate lighting, and design a data/communication system that met the needs of today's faculty requirements, while at the same time still keeping the original design in tact.



McKinley & Associates completed a renovation/restoration project on Colson Hall at the downtown campus of West Virginia University in Monongalia County, West Virginia. Completed on November 1, 2007, this \$5.6 million project involved renovation and restoration to this approximately 35,000 SF historical facility. The scope of work was to take this existing building and readapt it for use as a faculty office building with additional classrooms. Work included architectural elements as well as major electrical and mechanical systems design. The building was renovated and provided with all new systems. The upgraded HVAC system was tied into the central campus chiller and steam system. We were able to take this historic landmark in the city of Morgantown, and restore it to its original appearance while keeping the aesthetics of the building in tact.



State Fire Training Academy West Virginia University

Jackson's Mill, West Virginia

Owner

West Virginia University

Size

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

Construction Cost

\$4.5 mil.

Project Architects-Engineers

McKinley & Associates

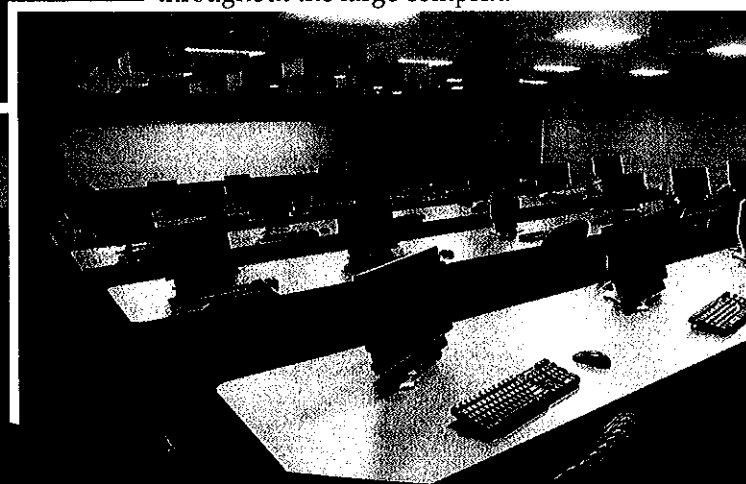
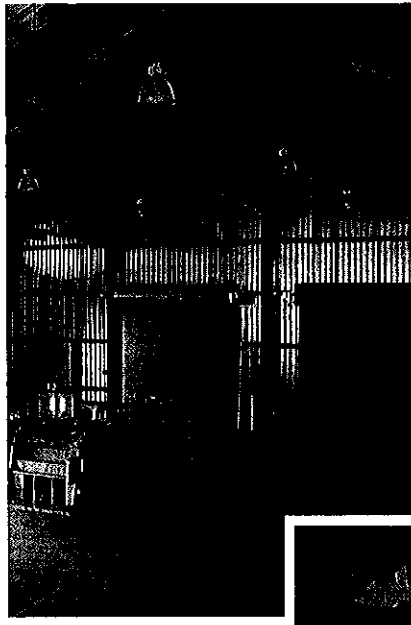
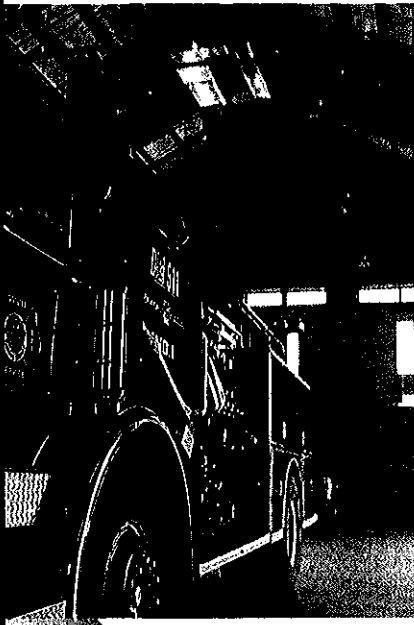
Project Architect

Christina Schessler, AIA

The West Virginia State Fire Training Academy is located near the Jackson's Mill 4-H Campus in Lewis County, WV. Because of the proximity to this state historic site, the design directive given by the Owner was to blend into the rural community. The exterior brings to mind a barn set into the sloping terrain in an agricultural setting. The Users we have spoken to enjoy teaching in our facility. Contextually, it "fits" into the Jackson's Mill Campus and local agricultural community.

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.



Institute of Technology: Maclin Hall West Virginia University

Montgomery, West Virginia

Owner

WV Institute of Technology
West Virginia University

Size

53,900 SF approx.

Construction Cost

\$6 million

Project Architects-Engineers

McKinley & Associates

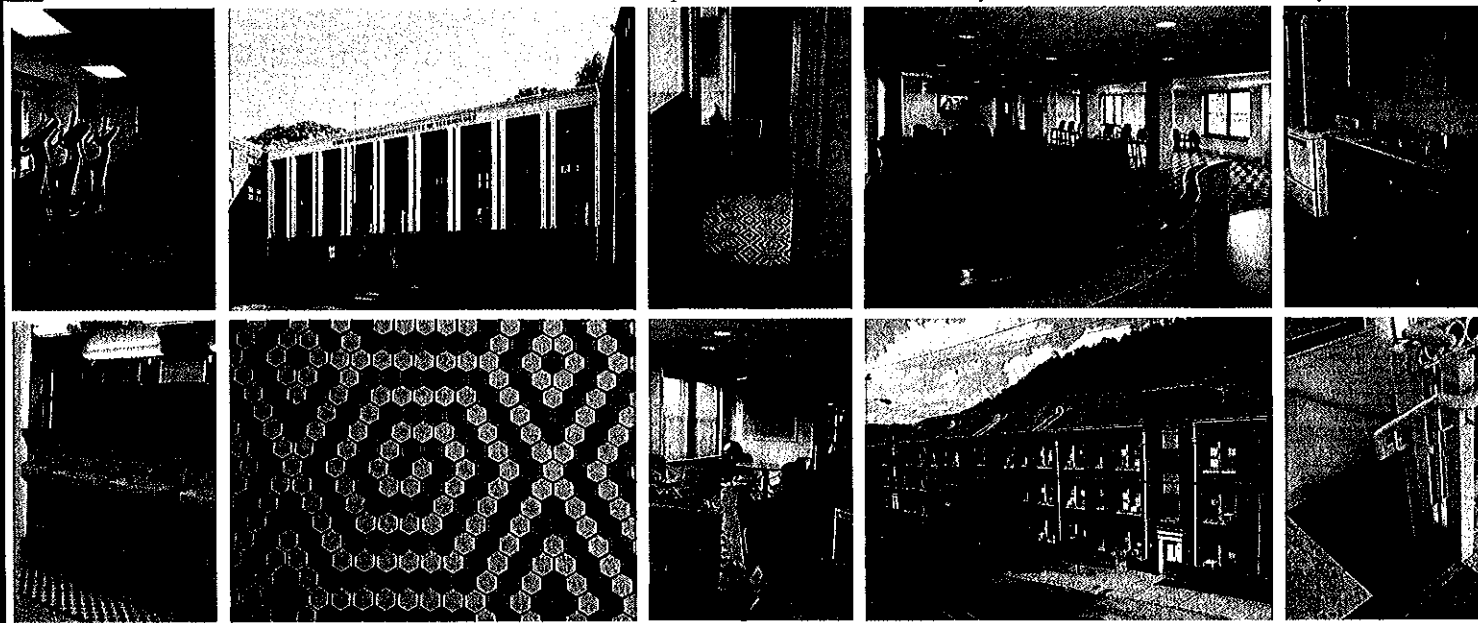
Project Architect

Thomas R. Worledge, AIA

Contractor

Wiseman Construction

A comprehensive renovation to the historic Maclin Hall dormitory, originally built in 1938, on the campus of WV Tech in Montgomery, WV. The \$6 million project was **designed in less than a month**, and included redesigning the shared areas, new finishes, new roof, and restoration of the exterior. We also replaced the entire HVAC, lighting, fire protection, data systems and renovated the shared restrooms. In this 53,900 SF building, we added a theater room, exercise area, laundry room, studies, computer rooms, tv rooms for video games, student commons areas, and lounges. We completely regutted the restrooms and provided new shower facilities. **This project had two fast-tracked aspects to it; there was a design time of only 6 weeks, along with a construction time of only 6 months. This project was fast-tracked throughout the summer of 2007, so the building could be occupied by students for the start of the 2007-2008 school year. Even with this extremely short timeline, we were still able to bring the project in under budget.** The project has had subsequent phases, and WV Tech is currently awaiting funding so we can complete the design on a boiler replacement, which is used by both Maclin Hall and Conley Hall.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

BEFORE and AFTER

The Education Center WV Northern Community College

Wheeling, West Virginia

Owner

West Virginia Northern Community College

Size

80,000 SF approx.

Construction Cost

\$11 million

Project Architects-Engineers

McKinley & Associates

Project Architect

Denis Gill, AIA

Contractor

Colaiani Construction
and Cattrell Companies

McKinley & Associates has vast experience completing building renovations such as the 80,000 SF industrial warehouse (the former Wheeling Wholesale Building) that was presented as The Education Center. This \$11 million, four-story project houses classrooms, offices, a food court, kitchen facilities, conference rooms, utility areas, student activities areas including a gymnasium, as well as **laboratories for research**. Also included in the design was a new roof, ADA compliance, HVAC upgrades, fire protection and exhaust systems, telecommunication, floors, walls, ceilings, and interior design.

With thoughtful planning and contemporary aesthetics, McKinley & Associates renovated the building while successfully maintaining its historic nature, and integrating it into the modern campus fabric. This was accomplished in part by the addition of a gymnasium which required the removal of an internal structural floors, and by coordinating a commission artwork mural into the design of the structure.

The initial project spanned into other renovations as well as construction

of an overpass that serves as a connection between the B. & O. Railroad Building and the Education Center. This walkway, which is about to be constructed, will provide students a quick and safe passage between buildings while avoiding traffic.



B. & O. Building and South Plaza WV Northern Community College

Wheeling, West Virginia

Owner

West Virginia Northern Community College

Size

74,000 SF approx.
(excluding South Plaza)

Construction Cost

\$1.8 million
(excluding South Plaza)

Project Architects-Engineers

McKinley & Associates

Project Architect

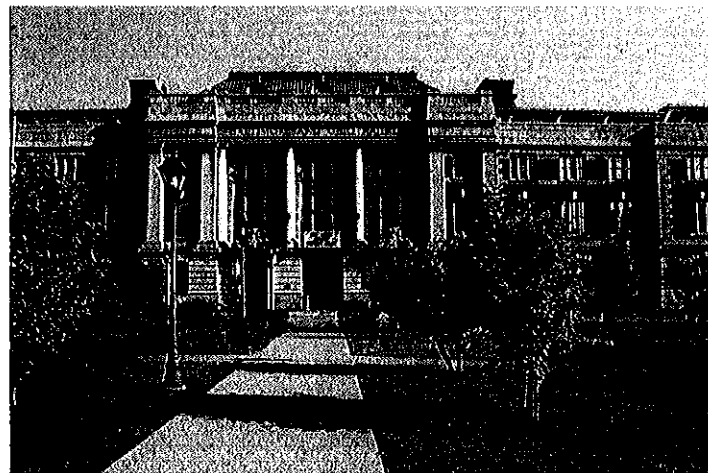
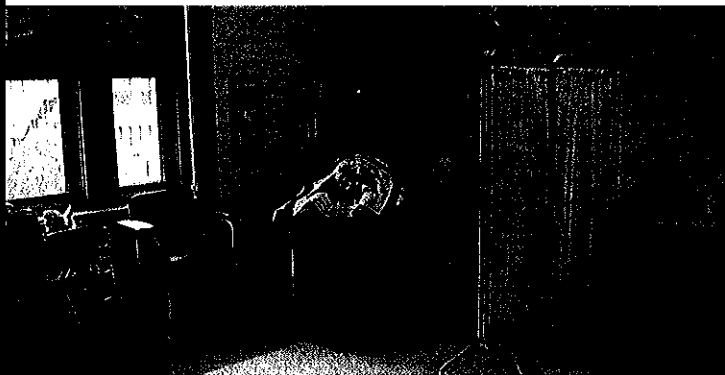
Denis Gill, AIA

Contractor

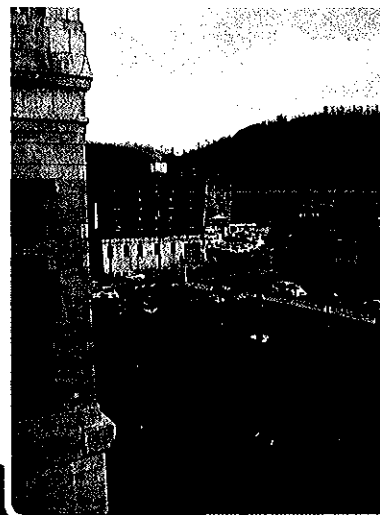
Cattrell Companies

This \$1.8 million renovation project (not including the South Plaza) was completed in multiple phases, and was constructed while the building was occupied during the school year. It involved remodeling on the second, third and fourth floors, and the renovations included faculty offices, classrooms, a library, and 3 science laboratories. The building was built in 1908, and is on the National Register of Historic Places.

The goal of the 74,000 SF B. & O. Building was to upgrade the old railroad station into a facility that could be used for academic research and education. Work included demolition of existing interior walls and acoustical tile ceilings; providing gypsum board partitions, interior finishes, associated lighting, HVAC, plumbing, laboratory furnishings, data, communications and HVAC work; and new equipment and furnishings for Chemistry Laboratory, new furnishings and expansion of the Micro-Biology Laboratory, and refurbishing of equipment in the A & P Laboratory.



The B. & O. Building's South Plaza included newly constructed parking areas and a landscaped gathering place for students and pedestrians. The scope of work involved taking an old vacant lot behind the main classroom building and cleaning it up by removing old stone footing, column pieces and foundations. A gathering area was placed in the center of the lot and parking areas were placed on each side. The plaza area was raised above the parking area to give it more dominance of the space.



WVSP Academy West Virginia State Police

Dunbar, West Virginia

Owner
West Virginia State Police



Size
4 Buildings / 61,757 SF

Construction Cost
\$2.9 mil.

Project Architects-Engineers
McKinley & Associates

Project Architect
Thomas R. Worlledge, AIA

Contractor
Multiplex, Inc.

The 27,708 SF Building A is a 2-story dormitory (for 160 cadets) with classrooms that was built in 1968. This renovation project included upgraded HVAC, new boiler and chiller, a new building skin/facade, new windows, an elevator, new floor tile to replace asbestos tile, replacing the shield at the entry, new built-in furniture, repairing the sauna and steam room, new fire alarm and sprinkler system, security system, network computers, electrical, site lighting, signage, and ADA compliance.

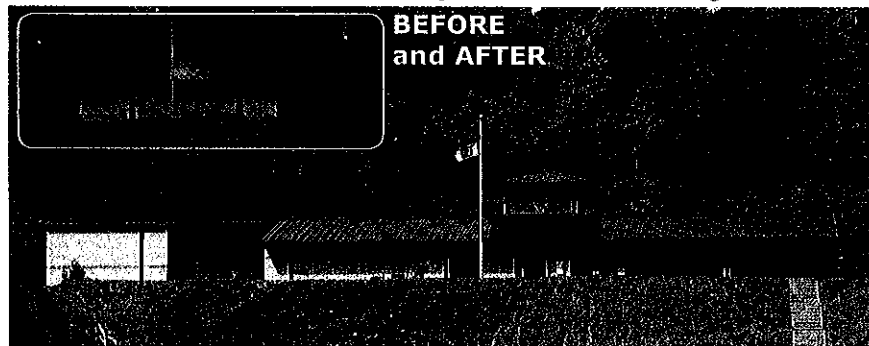
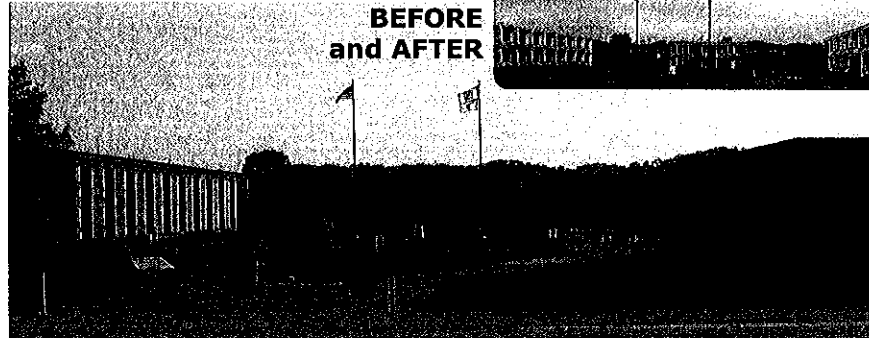
The 8,985 SF Building B is a 2-story classroom (for 84 cadets) with dorm (for 10 cadets) that was built in 1949. This renovation project included a new building skin/facade, new windows, new flooring, new walls, new ceiling tile, and ADA compliance.

The 21,966 SF Building C is a classroom (for 100 cadets) with dormitory (for 48 cadets) and cafeteria that was built in the 1970s. This renovation project included HVAC, new building skin, new windows, new vestibule, security system, elevator, ADA compliance, new fire alarm, new floors, sprinkler system, lighting, data, signage, and sidewalks.

There was complete removal of Building D (shooting range), and replacement with a new 3,098 SF shooting range with a tower at the center. The tower area has space for four seats and circulation clearance, windowed on three sides and full view of the range, counters with under storage, target system, power and data.

The staging area is enclosed with a glass wall toward the range, with space for 40-50 cadets with tables for gun cleaning and check. The armament room has a separate entrance from the target room, an office area, three standing work benches with power, peg board for tools, open shelving, one small sink, circulation for 7 people, and is vault locked to separate the office space from the armament area. There is also a break room, restrooms, and a target storage room. In addition, the bunker is a controlled environment with alarm system, that has storage for ammunition.

Completed in June of 2010, the \$2.9 million West Virginia State Police Academy project included renovation of 3 existing buildings, as well as the demo of a shooting range and replacing that building with a brand new upgraded shooting range control center.



Multi-Purpose Building at Camp Dawson WV Army National Guard

Kingwood, West Virginia

Owner
WV Army National Guard

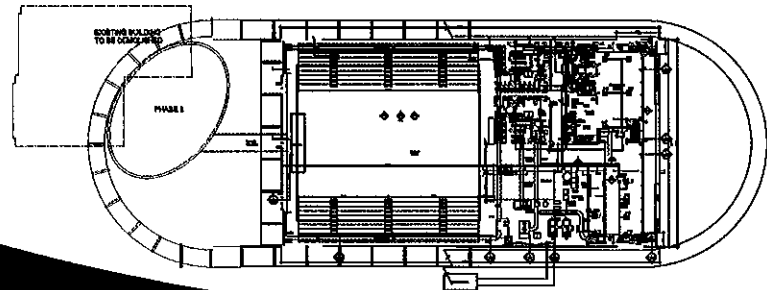
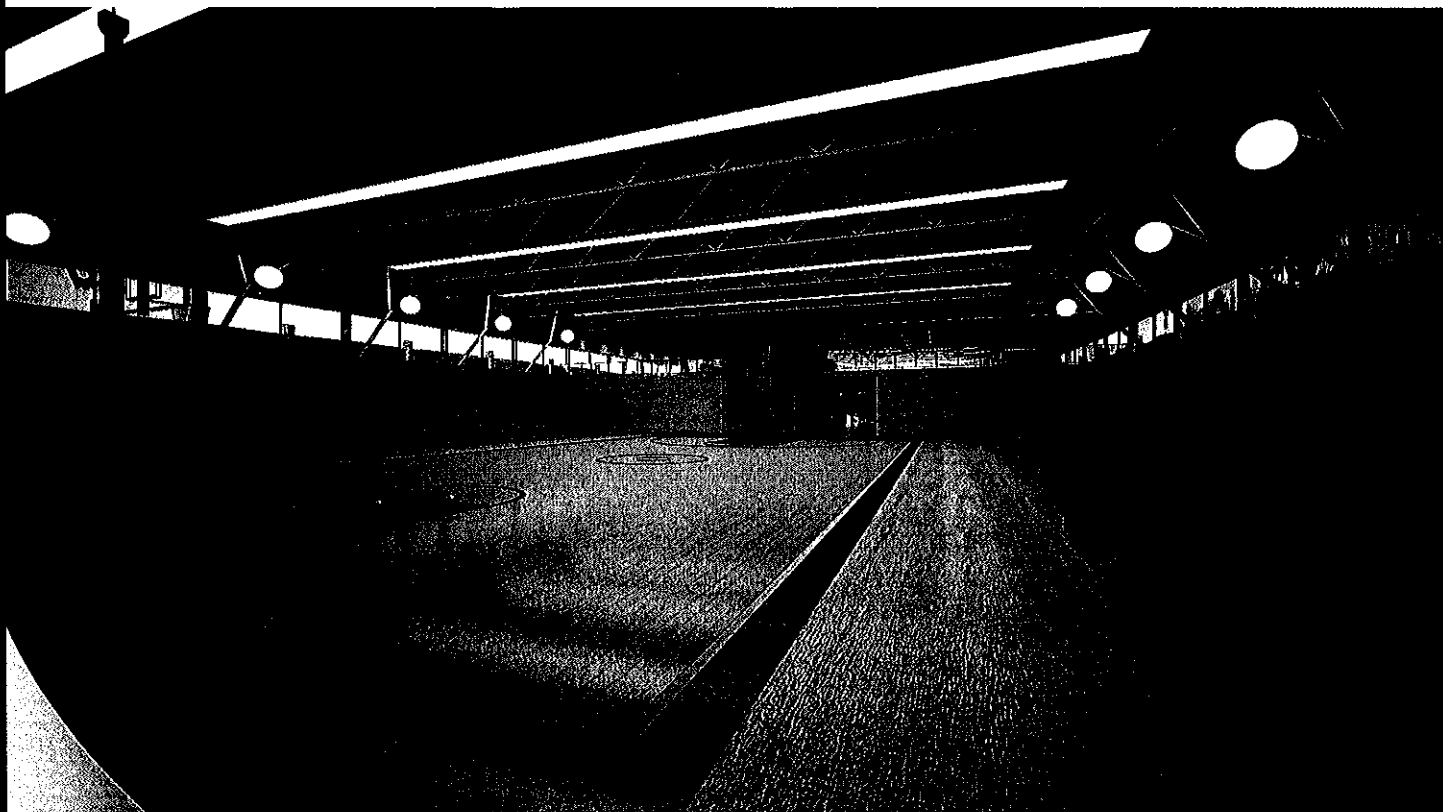
Size
55,000 SF approx.

Project Architect
Assemblage Architects

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.



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

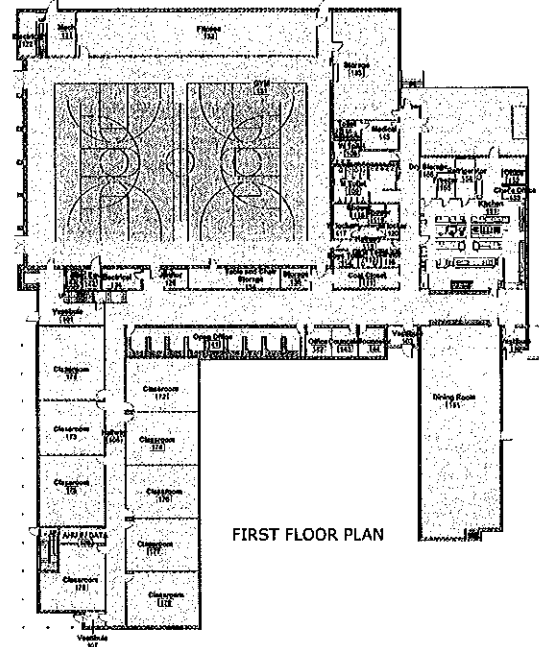
Project Architect

Assemblage Architects

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.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: McKinley & Associates

Authorized Signature: *[Signature]* Date: February 1, 2011

State of West Virginia

County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 1 day of February, 2011.

My Commission expires August 16, 2020.

NOTARY PUBLIC *[Signature]*

AFFIX SEAL HERE

