



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
COR61423

PAGE
1

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

RFQ COPY

TYPE NAME/ADDRESS HERE

McKinley & Associates
 1116 Smith Street
 Suite 406
 Charleston, WV 25301

SHIP TO

DENMAR CORRECTIONAL CENTER
 HC-64, BOX 125
 DENMAR ROAD
 HILLSBORO, WV
 24946

DATE PRINTED 07/27/2009	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **08/18/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-07		
<p>ARCHITECT SERVICES, PROFESSIONAL</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>CONTRACT TO PROVIDE ARCHITECT AND ENGINEERING SERVICES FOR THE WV DIVISION OF CORRECTIONS, DENMAR CORRECTIONAL CENTER, HILLSBORO, WV, PER THE ATTACHED DOCUMENTATION.</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: JOHN ABBOTT (32)-----</p> <p>RFQ. NO.: COR61423-----</p>						

RECEIVED
 2009 AUG 17 PM 12:18
 WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Thomas L Young</i>	TELEPHONE (304) 340-4267	DATE 8/14/09
TITLE Business Development	PHONE 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative-Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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 Department of Administration
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 24946

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/09/2009				

BID OPENING DATE: **08/20/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM #01		
				THIS ADDENDUM IS ISSUED TO EXTEND THE BID OPENING DATE FROM 8/18/2009 TO 8/20/2009, DUE TO SCHEDULE CONFLICTS WITH THE BID ROOM.		
				REVISED BID OPENING DATE: 8/20/2009; 1:30 PM		
0001	1	LS		906-07		
				ARCHITECT SERVICES, PROFESSIONAL		
				***** THIS IS THE END OF RFQ COR61423 ***** TOTAL:		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Thomas F. Young* TELEPHONE (304) 340-4267 DATE 8/14/09

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

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



August 14, 2009

Mr. John Abbott
Purchasing Division
2019 Washington Street, East
P.O. Box 50130
Charleston, WV 25305-0130

Dear Mr. Abbott and Members of the Selection Committee,

We are pleased to provide the West Virginia Division of Corrections with our Expression of Interest for architectural and engineering services for the Denmark Correctional Center near Hillsboro, WV. Our firm is extremely proud of our past and present renovation and upgrade projects, which have become the foundation of our firm.

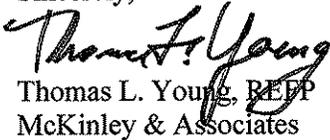
McKinley & Associates has been providing design services since 1981. With offices in Wheeling WV, Charleston WV, and Washington PA, McKinley & Associates supports a professional staff of 40+ that includes architects, mechanical, electrical, plumbing/life safety engineers (MEP engineers) as well as a certified interior design department. Your project manager will be **Darren S. Duskey, PE**, our **electrical engineer**.

Our portfolio includes many projects that involve electrical upgrades. Some of these projects include electrical service upgrade for Building 4 of the West Virginia Capital Complex in Charleston; electrical service upgrade for U.S. Can in Glendale; the Charleston Enterprises Center; the Federal Building and the Main Post Office Building in Clarksburg, WV; the Wagner Building, St. Matthew's Church, West Virginia Independence Hall, Maxwell Centre, and many other buildings in Wheeling, WV; as well as dozens of other projects throughout the state.

In addition to upgrades, we also have completed new service and electrical design for many projects, including the Weirton State Building; the West Virginia Army National Guard's Mountaineer Challenge Academy and their Multi-Purpose Building at Camp Dawson; the State Fire Training Academy; and the Island Room at the Wheeling Island Hotel•Casino•Racetrack to name a few.

We love what we do, so we care about the results you get. We know we can provide you with a successful project and are very excited about the possibility of building a long-lasting relationship with you. Thank you for reviewing our submission and considering McKinley & Associates for your project.

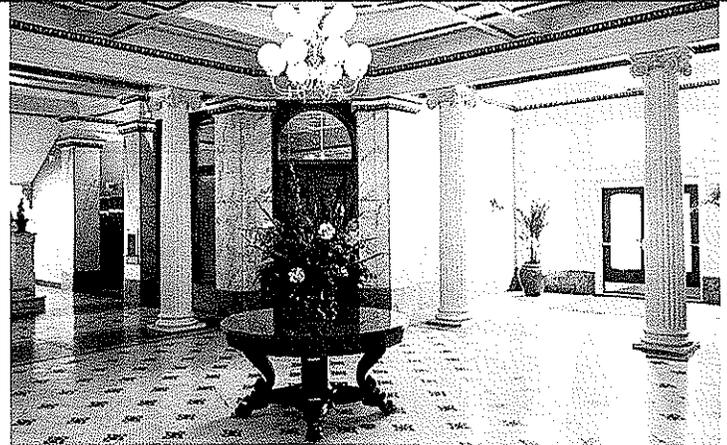
Sincerely,


Thomas L. Young, REFP
McKinley & Associates

CORPORATE INFORMATION

Firm History

Founded in 1981, McKinley & Associates is a multi-discipline full service Architectural & Engineering firm, offering comprehensive professional services in architecture, engineering, interior design and construction administration. We have a broad range of skill and experience for projects involving educational, governmental, medical, commercial, religious and recreational operations. Our adaptive Re-Use experience is the foundation upon which McKinley & Associates was established. With over \$35 million in renovation / restoration / upgrade projects in the past 3 years, we consider this sector of our business, our best.



Firm Information

David McKinley, PE
Principal

Tim Mizer, PE, RA
Director of Operations

Gregg Dorfner, AIA, REFP
Director of Architecture

Brad Crow, PE, LEED AP
Director of Engineering

Date of Incorporation

1981 Wheeling, West Virginia

Number of Professionals

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

Location

Headquarters

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

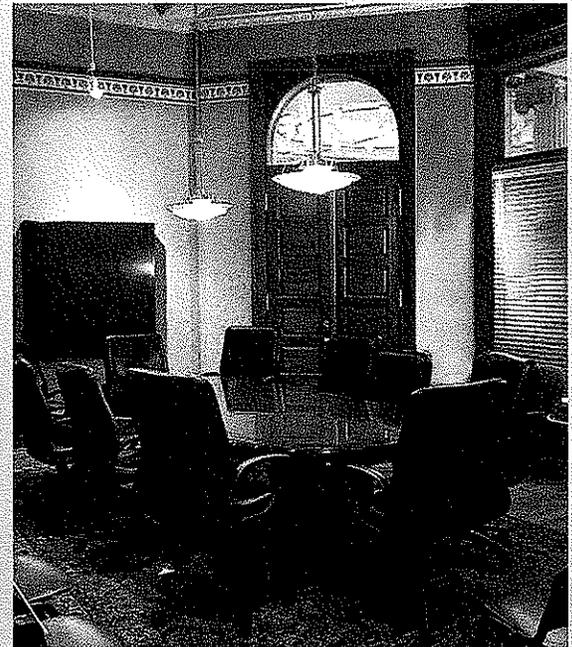
Satellite Offices

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

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

Credentials

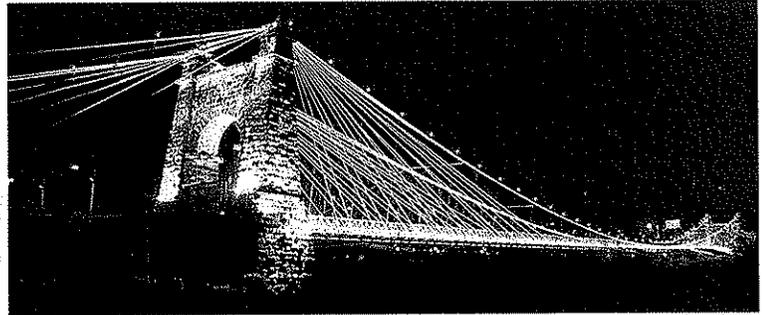
McKinley & Associates is a member of the following organizations:
CEFPI, AWI, WVEDC, AIA, NFPA, NCARB, ASCE, ASPE, BOCA, ASHRAE, ACI International



QUALIFICATIONS

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

We have a broad range of skills and experience for projects involving medical, religious, educational, government agencies, manufacturers, commercial and recreational operations, as well as developers. In the past 10 years our firm has been awarded 4 prestigious AIA Honor and Merit Awards for our works.



Wheeling Suspension Bridge

Historic Preservation is a passion for our firm. We are committed to saving and rehabilitating our past. Having an in-house staff of architects and engineers has allowed us to provide innovative, cost effective rejuvenation of historic buildings. We have completed over 60 historic projects throughout the tri-state region.



We have vast renovation and upgrade experience, are familiar with projects that respect the historic nature of the building, and have a great working relationship with the Division of Culture and History. Our past Historic Preservation experience includes extensive interaction with The Secretary of the Interior's Standards for the Treatment of Historic Properties. Our efforts include qualifying structures for the National Register of Historic Places, renovations of contributing buildings in Historic Districts, and qualifying clients for Historic Rehabilitation Tax Credits.

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.

Parkersburg High School - Wood County Schools

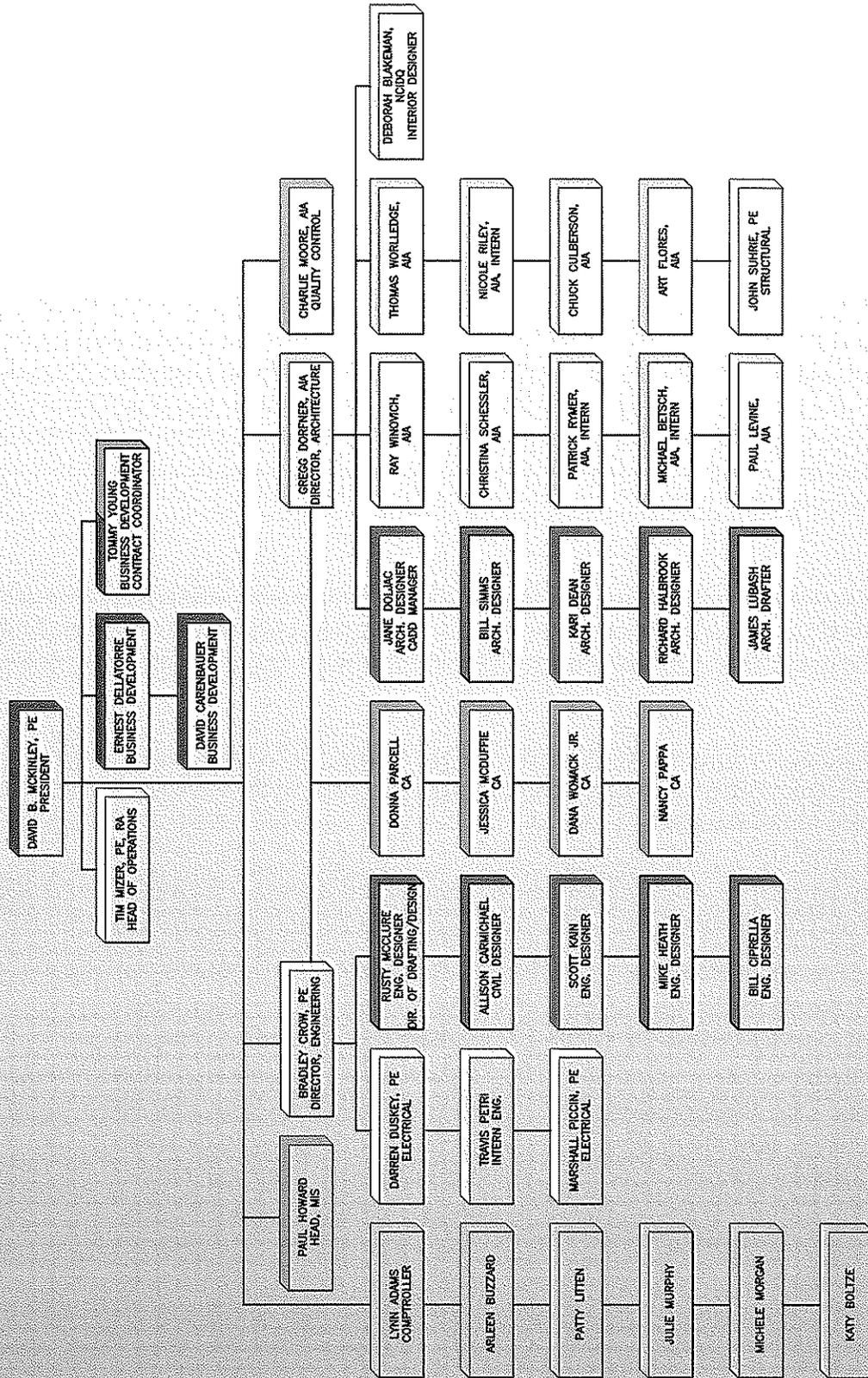


McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

ORGANIZATION CHART

REVISED 5-28-2009

McKINLEY & ASSOCIATES
ARCHITECTS/ENGINEERS/INTERIOR DESIGN
ORGANIZATION CHART



PROJECT APPROACH & PERFORMANCE DATA

The work to be performed by your design team is very clear. To evaluate, prioritize and design within budget and schedule to meet the needs of the West Virginia Division of Corrections. The most important element of the entire process becomes communication from you to our designers. We use and welcome your input throughout the project.

The services we provide are different than most others. With our 40+ member staff we have the ability to have registered architects and engineers designing within their area of expertise. Electrical design by an Electrical Engineer, HVAC design by a Mechanical Engineer, Fire and Life Safety design by a Fire Protection Engineer. The Professional Engineers (PE) are not only "In-House," we also have depth in numbers of each discipline in our firm. Our Architectural staff provides you with an exceptionally talented group that will walk you through your project to competition. Day by day, side-by-side, our architects and engineers provide a daily cohesiveness to your project.

Our Quality Assurance Program starts with our peer review where a registered professional not involved in the design becomes reviewer of the project before going to bid. Additionally, at our regularly scheduled project meetings the entire design team is constantly reviewing the process.

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

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.

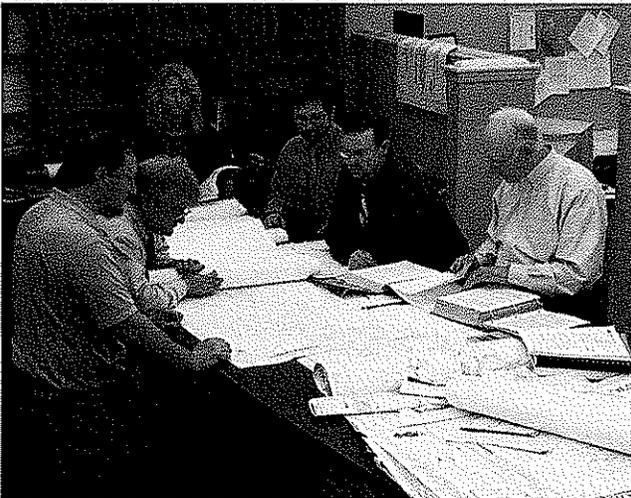
As the schematic/concept plans are developed, the Project Manager typically presents the plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture. Once a consensus is reached, the plans advance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

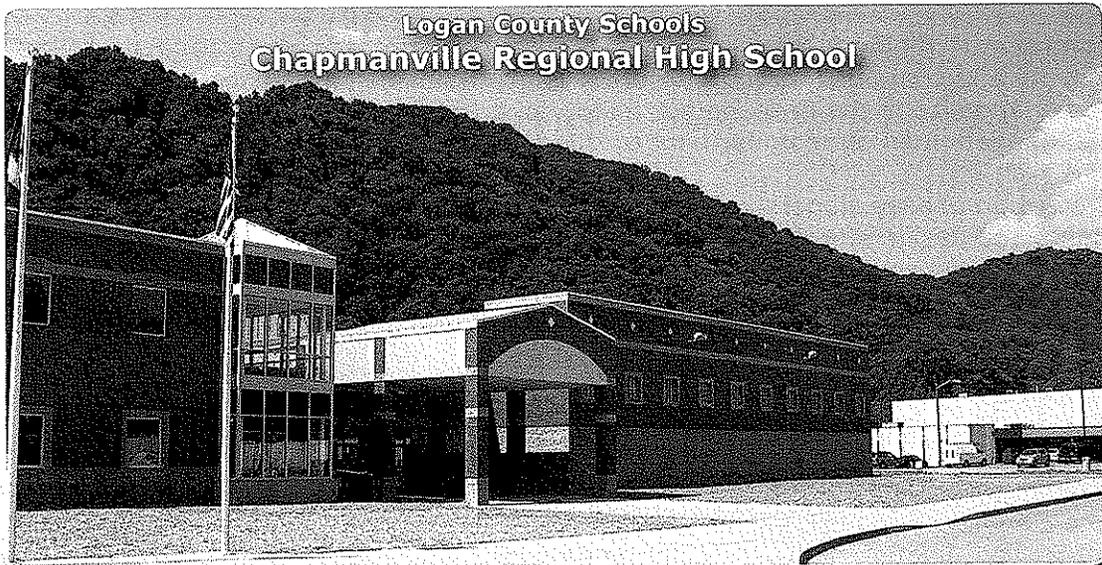
During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are checked by the project manager and appropriately referenced on the drawings. Copies 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%**
- **Official Dedication – June 1, 2007**



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

SUSTAINABLE "GREEN" DESIGN

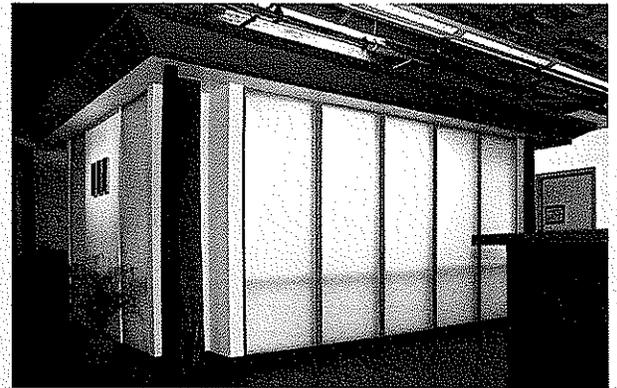
Buildings designed today will need to meet the demands of the future; McKinley & Associates identifies the changes necessary in the design of today and to meet these demands. This approach helps to retain the buildings' long-term profitability and value, which achieves the buildings' sustainability.

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

LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ developed by the U.S. Green Building Council (USGBC) is the nationally accepted standard for the design, construction, and operation of high performance green buildings. LEED recognizes that sustainable design requires a team approach to achieve the desired goals, and we have LEED Accredited Professionals (LEED AP) in both the architectural and engineering fields. We have **4 LEED Accredited Professionals** on staff along with our skilled architectural/engineering team to efficiently and cost effectively achieve certification under this standard or we can guide you through the process in order to develop sustainability goals specific to your project.



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



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



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



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

McKinley & Associates CHARLESTON OFFICE

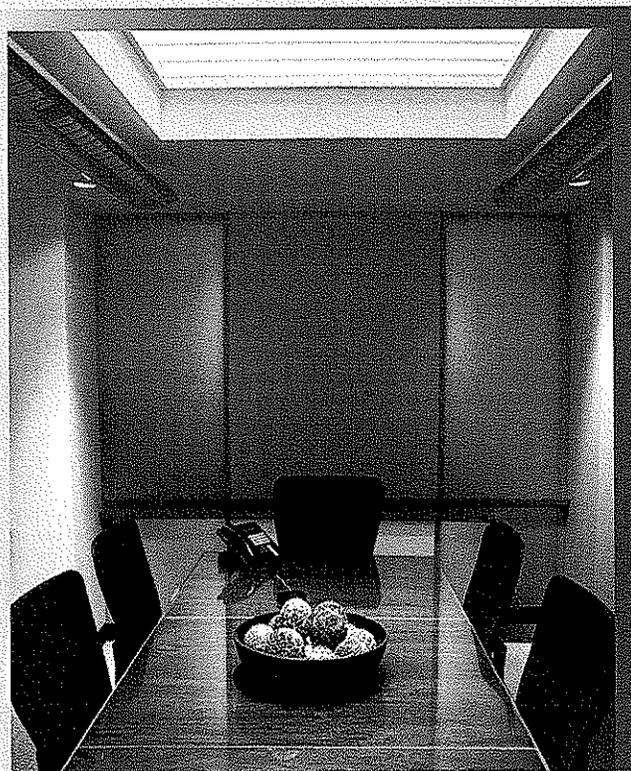
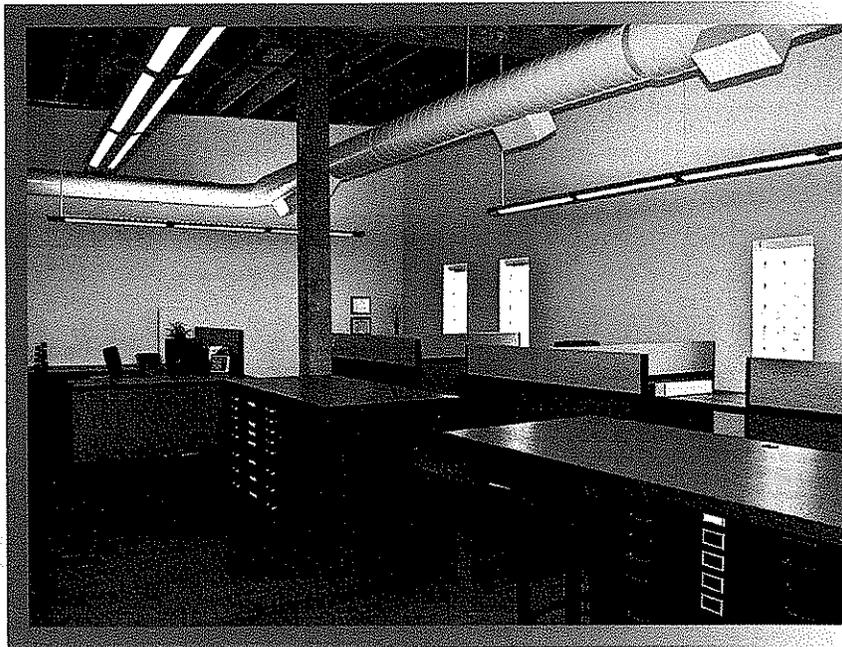


Besides the paint, what makes this office "green"?

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.

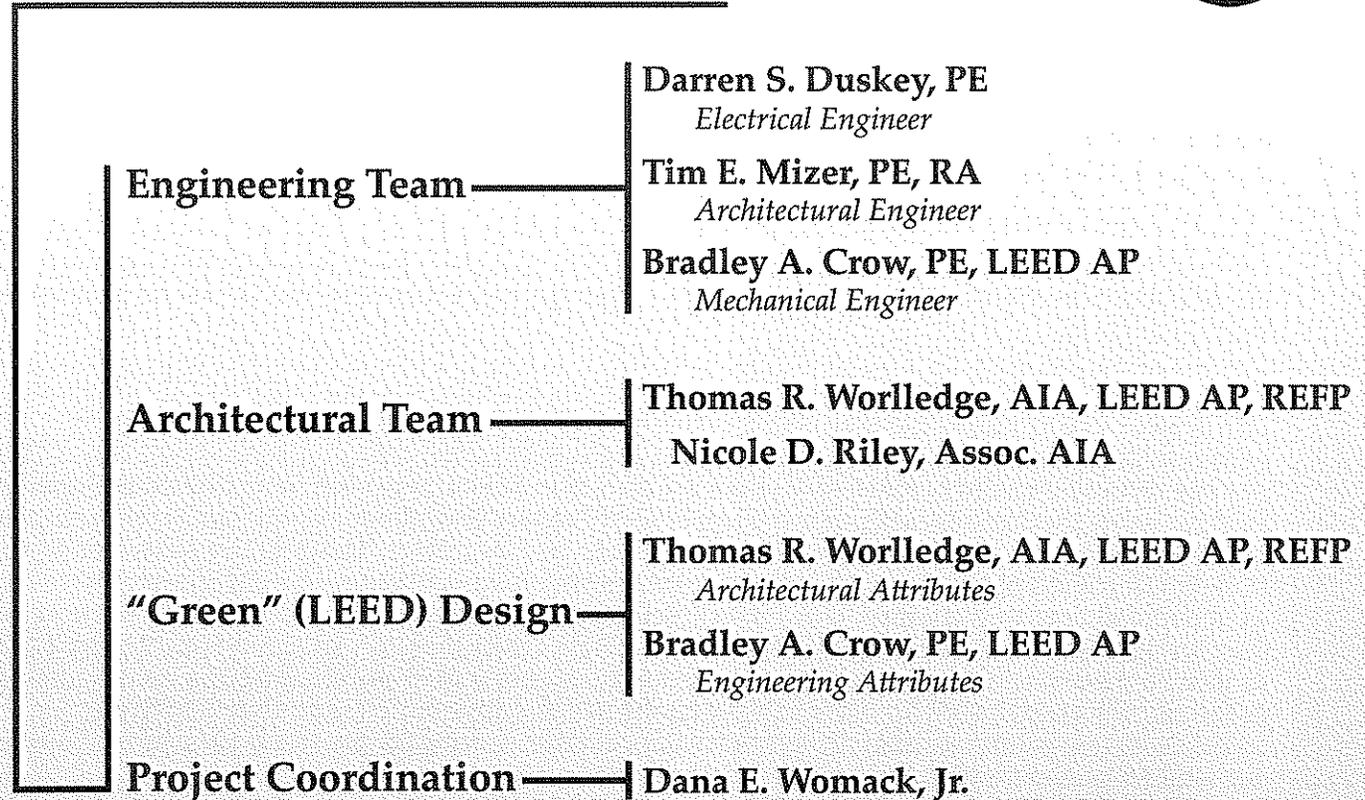
Most of the floor we chose to clean and seal with water based polyurethane, leaving the natural distressed state of the floor. The remainder of the space, we used a carpet tile by LEES which minimizes waste, has 35% recycled content and is Green Label Certified, meaning it meets stringent indoor air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

DESIGN TEAM FLOW CHART



Project Manager
Darren S. Duskey, PE (*Electrical Engineer*)



MANAGEMENT AND STAFFING CAPABILITIES

In the past 29 years we have extensive experience with similar projects. The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We are available to start immediately upon our being selected. We can and will perform for you on time.

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

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

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

Our Eleven Month Walk-Through is a process where our professionals return to your facility eleven months after the project is completed. At that time they review all the work that was completed and check all warranties. We are making sure all of the covered work is in order and that the warranties do not expire with equipment or product not working properly. It should be noted that McKinley & Associates has been performing our eleven month walk-through for the past 12 years as part of our Standard of Care, and it only recently has been adopted as an AIA 101 Standard. We also conduct Post Occupancy Evaluations with the Owner to find out how well we matched the Owners' needs.

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

Electrical Engineer

DARREN S. DUSKEY, PE

EDUCATION:

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

Marshall University
Graduate courses in Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Professional Engineer in:
West Virginia
Ohio

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2002 to present)

Pickering Associates
Parkersburg, WV (1997-2002)

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

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

SUMMARY OF EXPERIENCE:

Mr. Duskey has over 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:

Design Electrical Engineer:

Wetzel County Hospital (*Addition and renovation*)

Marietta Memorial Hospital (*Addition and renovation*)

WVSP Headquarters (*Upgrade electrical service*)

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

Weir High School - Hancock Co. Schools (*Upgrade electrical service*)

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

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

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

Parkersburg High School - Wood County Schools (*Upgrade electrical service, including medium voltage distribution, and renovation work*)

Parkersburg South High School - Wood county Schools (*Upgrade electrical service, renovations*)



Architectural Engineer / Architect

TIM E. MIZER, PE, RA

Director of Operations

EDUCATION:

Kansas State University
B.S. Architectural Engineering - 1983

University of Cincinnati
Architecture

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
West Virginia
Ohio

Registered Architect in:
Ohio

PROFESSIONAL EMPLOYMENT:

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

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

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

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

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

Design Engineer

West Virginia State Police Detachments

Site Engineer

Hancock County Middle School-new building & site

Site Engineer

WVU Fire Academy-new building & site

Project Architect / Engineer

Hope VI Phase II-new building development

Design Engineer

Barnesville (OH) Schools - new buildings

Design Engineer

Union Local Schools

Design Architect / Engineer

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

Design Architect / Engineer

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

Project Architect / Engineer

Brooke County Animal Shelter building renovation

Project Architect / Engineer

Cadiz Presbyterian Church Maintenance master plan

Mechanical Engineer / Green (LEED) Specialist

BRADLEY A. CROW, PE, LEED AP

Director of Engineering Services



EDUCATION:

West Virginia Institute of Technology
B.S. Mechanical Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:
West Virginia
Pennsylvania

LEED® Accredited Professional

PROFESSIONAL EMPLOYMENT:

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

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

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

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

Mechanical Engineer

West Virginia Independence Hall HVAC

Mechanical Engineer

Marshall County Schools - Sherrard HVAC

Mechanical Engineer

Summers County Middle School HVAC

Mechanical Engineer

Wetzel County Schools - New Martinsville HVAC

Mechanical Engineer

Wood County Schools (\$63+ million renovations)

Mechanical Engineer

WVU Colson Hall Renovations

Mechanical Engineer

WVU Fire Academy / Jackson's Mill

Mechanical Engineer

United States Postal Service - Charleston P&DC HVAC Renovation

Mechanical Engineer

United States Postal Service - Clarksburg Chiller Replacement

Mechanical Engineer

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

Architect / Green (LEED) Specialist

THOMAS R. WORLLEDGE, AIA, LEED AP, REFP

Charleston Office Area Manager



EDUCATION:

Virginia Polytechnic Institute & State University
Master of Architecture - 1992

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

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

West Virginia
Virginia
Pennsylvania
Ohio

National Board Certification:

NCARB #48600

President:

West Virginia Society of Architects

Member:

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

Former voting member:

ASHRAE 90.1 International Energy Code
Committee

PROFESSIONAL EMPLOYMENT:

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

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

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

TAG Architects
Charleston, WV (1985-1990)

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

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL ACHIEVEMENTS:

High Performance Design for High Performance Companies

Published in *Executive Source*, Fall 2002

Watt's Next? The Coming Energy Revolution

Published in *West Virginia Executive*, Winter 2004

The Design of Sustainable Environments

Featured Speaker, 1994 National Convention of Architectural Students

Daylighting and HVAC Design

Featured Speaker, ASHRAE West Virginia Chapter

Rebuilding the Future: Recycling and Reuse of Building Materials

Featured Speaker, 2001 Governor's Conference on the environment



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Associate Architect

NICOLE D. RILEY, ASSOC. AIA

EDUCATION:

Virginia Tech, College of Architecture
Bachelor of Architecture - 1998

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

NCARB

Associate Member:

The American Institute of Architects

Member:

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

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2005 to present)

Williamson Shriver Architects
Charleston, WV (2003-2005)

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

The Omni Associates
Fairmont, WV (1999)

SUMMARY OF EXPERIENCE:

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

NOTABLE PROFESSIONAL EXPERIENCES:

Design Team - Parkersburg South High School

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

Project Manager - McKinley & Associates Charleston Area Office

The new McKinley & Associates Charleston Area Office is a 2,500 SF office space for our architectural, engineering, and interior design staff. This 2009 AIA Merit Award-winning interior renovation project was constructed for \$63.30/SF with owner occupancy ahead of schedule. Managed budget, schedule, construction administration, vendor relations and material purchasing.

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

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

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

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

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

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



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Project Coordinator

DANA E. WOMACK, Jr.

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:

Project Coordination for:

*Boone County Schools - Brookview Elementary
West Virginia State Police Academy Renovations*

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.

ORRICK BUILDING



AIA West Virginia
2002
**MERIT
AWARD**
FOR EXCELLENCE IN
ARCHITECTURE

Wheeling, West Virginia

Owner
Orrick Corporation

Size
88,000 SF approx.

Construction Cost
\$8 mil.

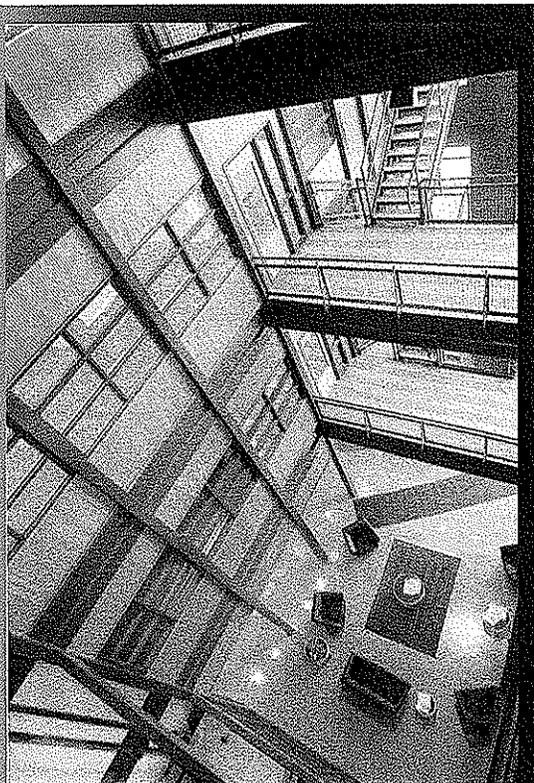
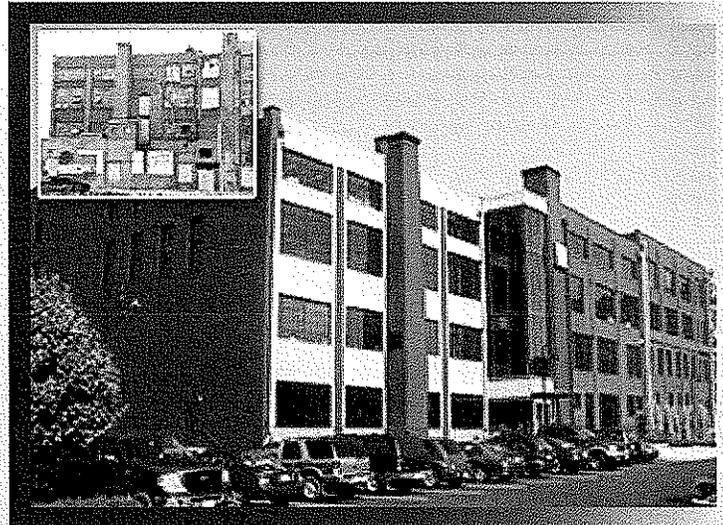
Project Architects-Engineers
McKinley & Associates

Project Architect
David B. McKinley, PE

Contractor
John Russell Construction

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

BEFORE
and AFTER



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

MAXWELL CENTRE



Wheeling, West Virginia

Owner
City of Wheeling

Size
51,000 SF approx.

Construction Cost
\$2.3 mil.

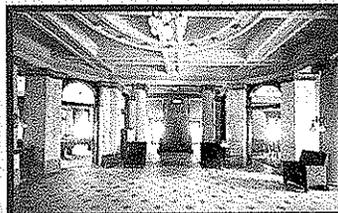
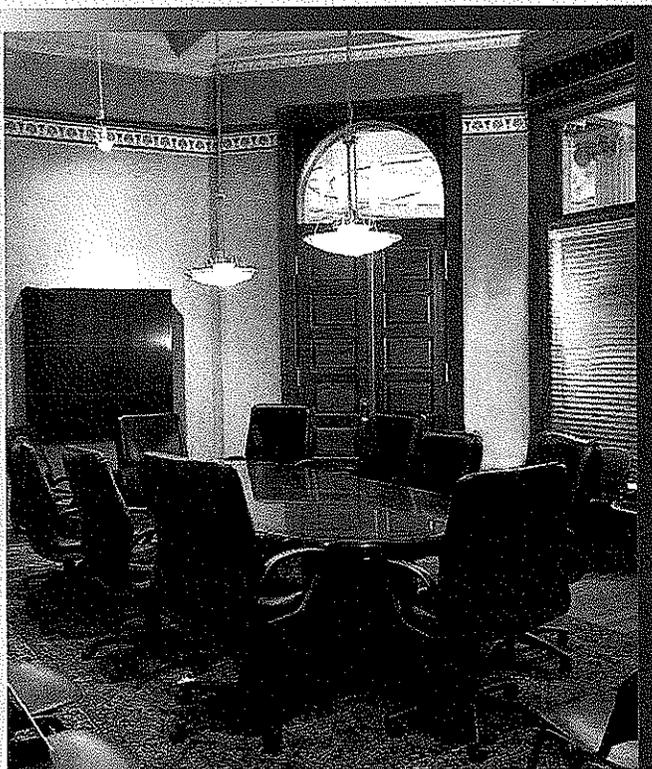
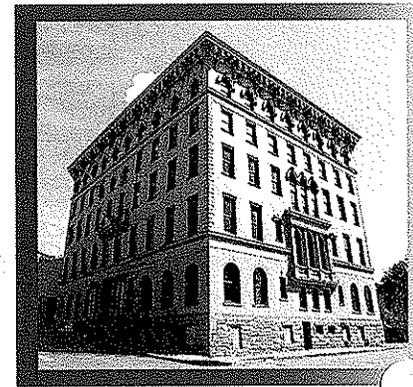
Project Architects-Engineers
McKinley & Associates

Project Architect
Denis Gill, AIA

Contractor
Walters Construction

The Maxwell Centre is now Wheeling's premier business address. In just over a year, this former YMCA facility is the home for over 100 professionals in two law firms, an accounting company, and McKinley & Associates. Dedicated to saving the past and long known as one of the state's leading historic preservation firms, McKinley & Associates led the way for this total renovation and restoration of a 1908 structure. The Maxwell Centre represents the firm's latest effort in protecting the historic fabric of Wheeling.

Work on this five story building included researching the architectural past as well as all new systems, including: electrical, mechanical, plumbing and fire and life safety. All design work and construction administration was completed by our firm. It was recognized and awarded by the Friends of Wheeling and the AIA West Virginia Chapter.



BEFORE
and AFTER



WAGNER BUILDING

Wheeling, West Virginia

Owner

The Maxwell Partners

Size

60,000 SF approx.

Construction Cost

\$6.2 mil.

Project Architects-Engineers

McKinley & Associates

Project Architect

Gregg Dorfner, AIA

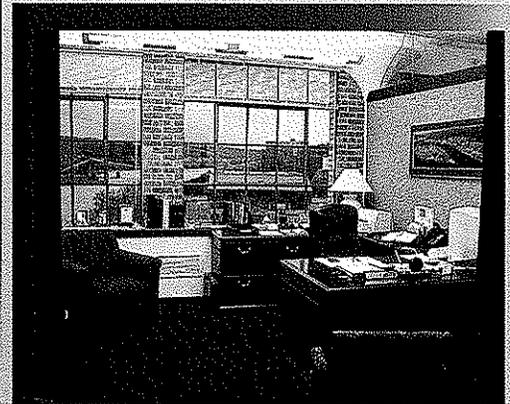
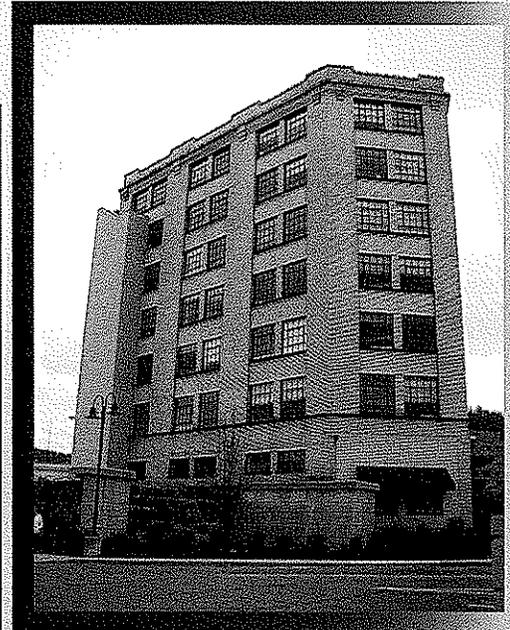
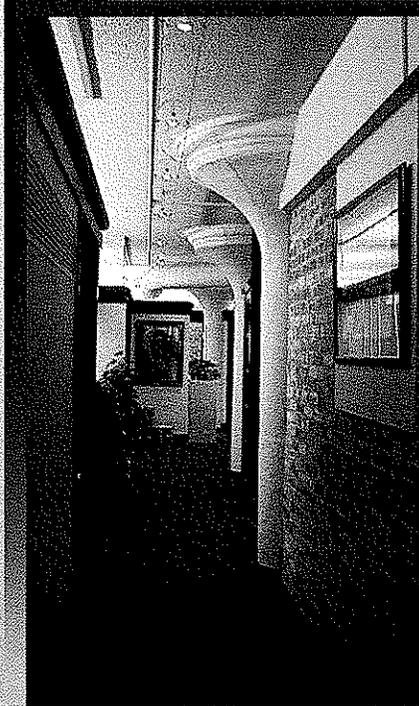
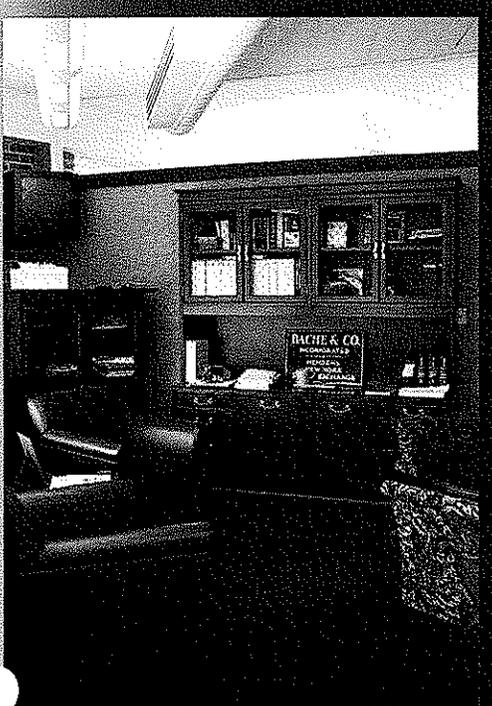
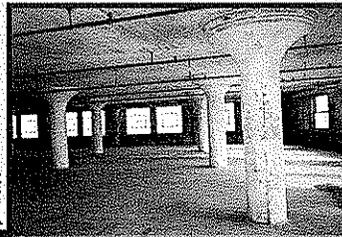
Contractor

Pat R. Ionadi Corp. & Davison Electric

Our firm has provided all of the architecture and engineering services (including electrical) as well as working within the Standards of the Department of Interior for this 7-story 60,000 SF structure.

Located in the midst of the renaissance of downtown Wheeling, the historic Wagner Building is listed on the National Register of Historic Places and is the centerpiece of the new 10-acre Celoron Plaza Office Park. This seven-story office tower dominates the waterfront skyline and affords tenants incredible and unsurpassed panoramic views of the majestic Ohio River.

BEFORE
and AFTER



Bishop Bernard Schmitt CATHOLIC HERITAGE CENTER

Wheeling, West Virginia

Owner

Catholic Diocese of Wheeling / Charleston

Size

40,000 SF approx.

Construction Cost

\$2.9 mil.

Project Architects-Engineers

McKinley & Associates

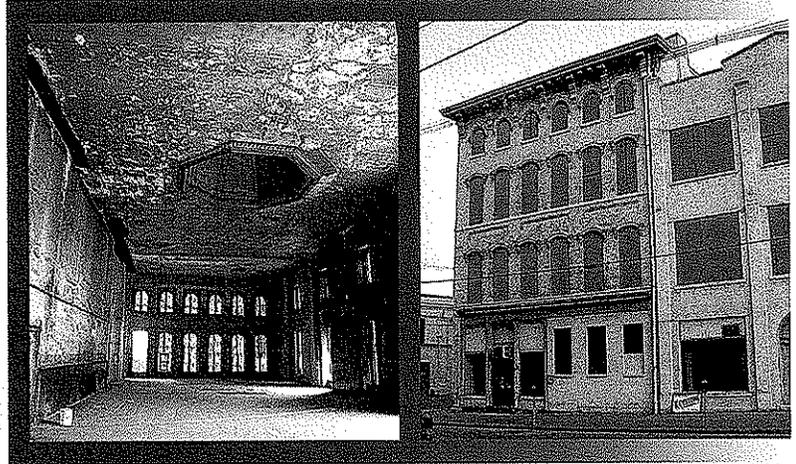
Project Architect

Denis Gill, AIA

Contractor

Walters Construction

BEFORE



A 40,000 SF renovation of an 100 year old auto parts warehouse. Work included all new systems (including electrical) throughout the structure. It is the home of all informational records and artifacts of the Wheeling-Charleston Diocese.

AFTER



BENNETT SQUARE

Wheeling, West Virginia

Owner
McKinley Properties, LLC

Size
22,000 SF approx.

Construction Cost
\$6.8 mil.

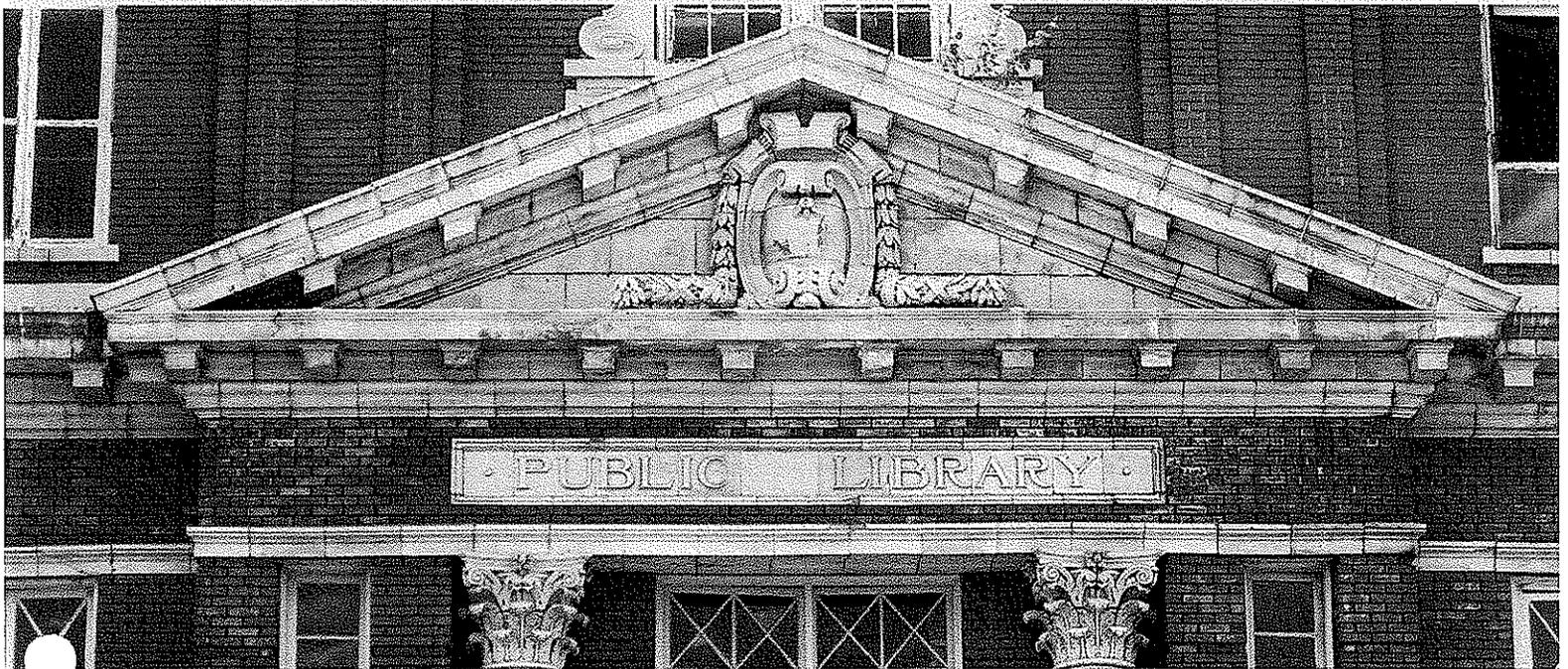
Project Architects-Engineers
McKinley & Associates

Project Architect
Denis Gill, AIA

Contractor
Walters Construction



Construction has commenced on Bennett Square, a 22,000 SF, total renovation project of the **old Ohio County Public Library Building** in Wheeling, WV. The project budget for this facility is approximately **\$6.8 million dollars**. Work includes **architectural elements** as well as **major electrical and mechanical systems design**. Finished project will house **"Class A" office space** in this historic facility.



DR. GANZER OFFICE BUILDING

Wheeling, West Virginia

Owner
Dr. Greg Ganzer

Size
15,000 SF

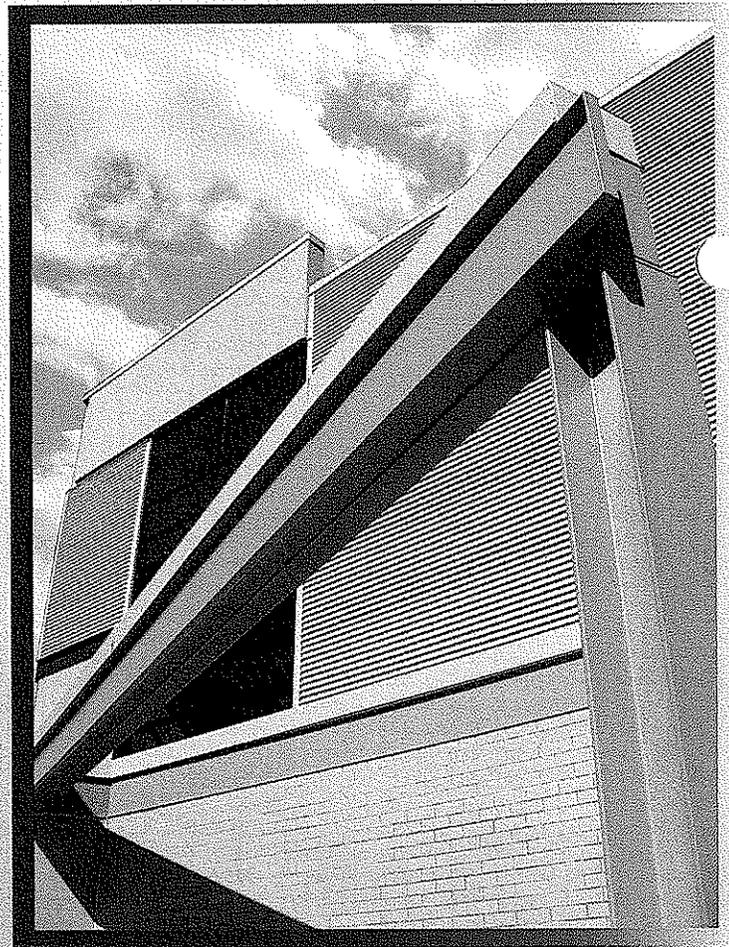
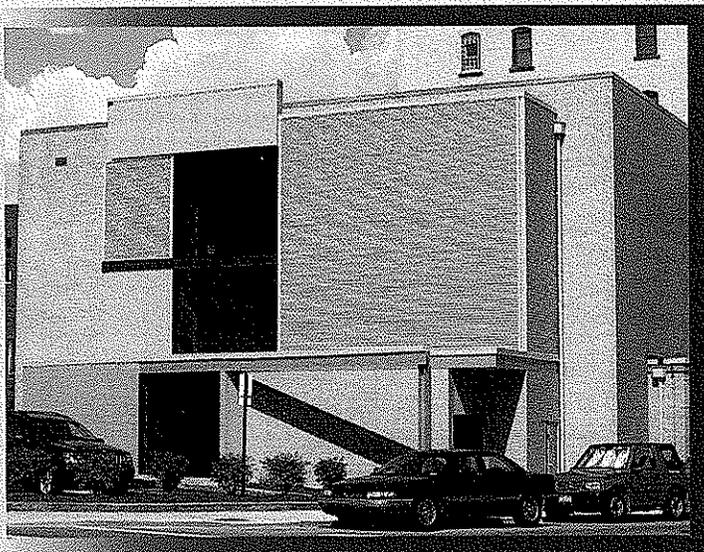
Construction Cost
\$1.5 mil. approx.

Project Architects-Engineers
McKinley & Associates

Project Architect
Ray Winovich, RA

Contractor
Cattrell Companies

A complete renovation was performed on the 15,000 SF office building purchased by Dr. Ganzer. McKinley & Associates were responsible for all Architecture and Engineering Design (including electrical) and Contract Administration.



WEST VIRGINIA STATE POLICE

Owner

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



Construction Cost

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

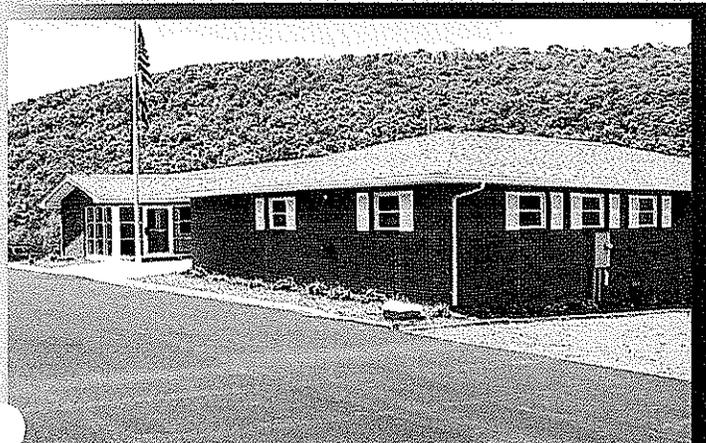
Project Architects-Engineers

McKinley & Associates

McKinley & Associates completed architectural and engineering design services on new detachments in Morgantown, Wheeling and Berkeley, West Virginia to name a few. Moreover, we also have completed numerous renovations as well as additions on police detachments throughout the State. Electrical design has included upgrades, renovations, and new systems.

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

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



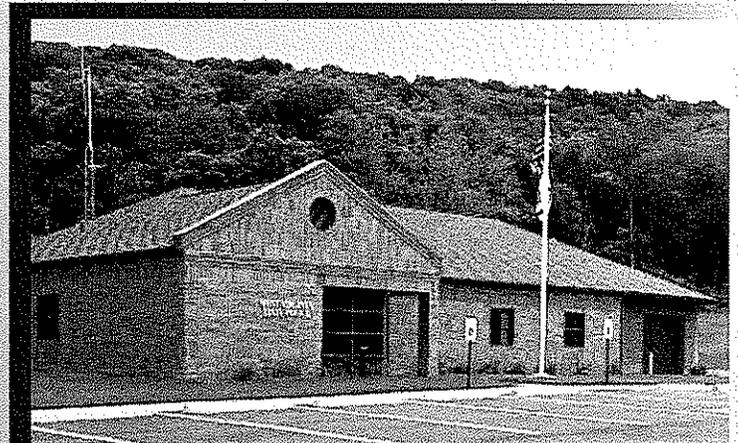
The **11,721 SF** new detachment in **Morgantown, West Virginia** included the following departments: DMV, MVI, BCI & regular squad space.



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



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



UNITED STATES POSTAL SERVICE

Owner

United States Postal Service

Construction Cost

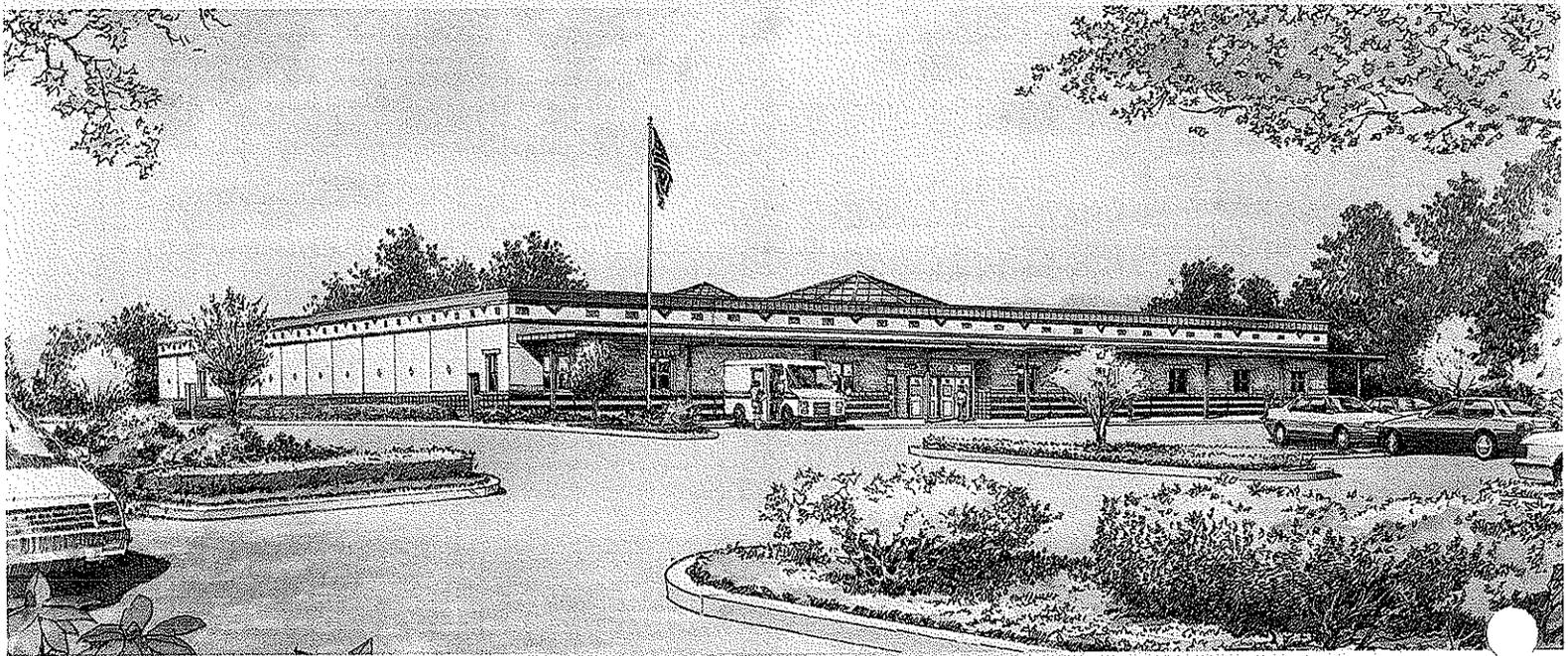
These projects were completed under a multi-year open-ended agreement

Project Architects-Engineers

McKinley & Associates

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

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



ARTISAN CENTER

Wheeling, West Virginia

Owner
City of Wheeling

Size
40,000 SF approx.

Construction Cost
\$1.8 mil.

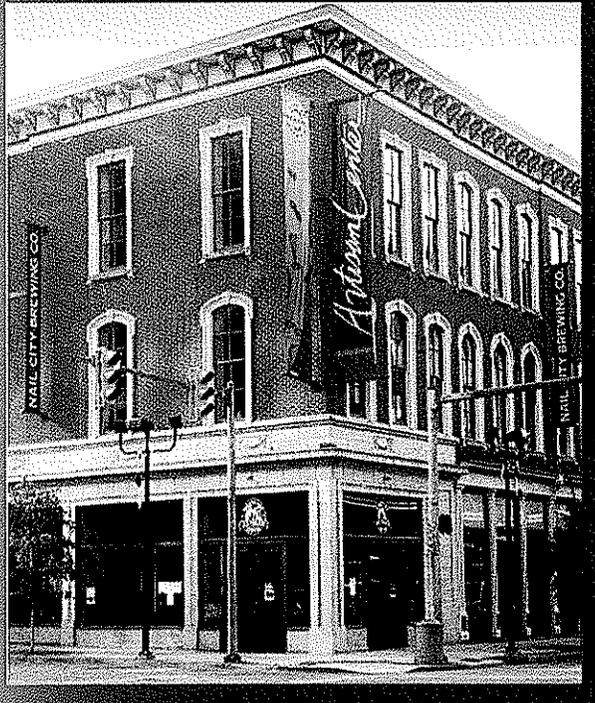
Project Engineers
McKinley & Associates

Project Architect
Murphy & Dittenhoffer

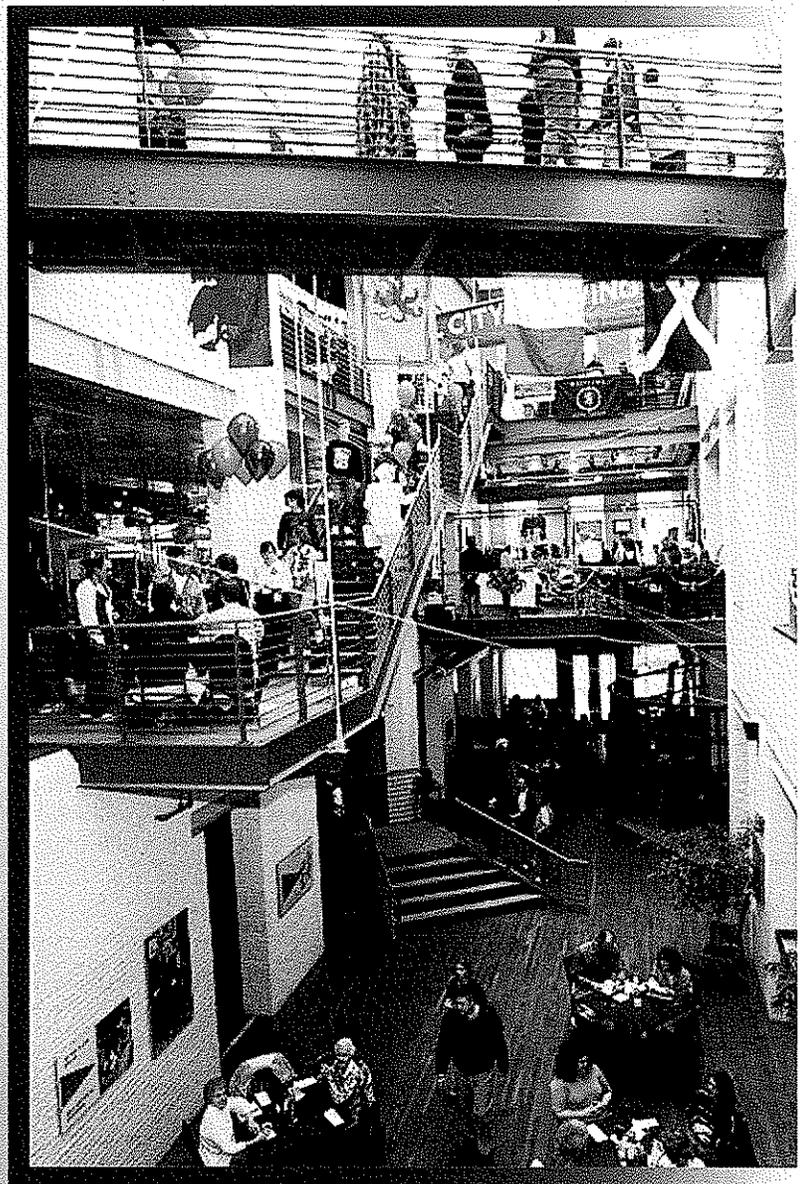
Contractor
Pat R. Ionadi Corp.
& Davison Electric



BEFORE
and AFTER



The Artisan Center at Heritage Square was a total renovation of a former warehouse into a 3-story, 40,000 SF tourist attraction. The building includes artisan areas, a full service restaurant as well as a large meeting/reception area. Design was in conjunction with Murphy & Dittenhoffer of Baltimore.



OHIO COUNTY JUSTICE CENTER

Wheeling, West Virginia

Owner
Ohio County Commission

Size
Entire Complex

Construction Cost
\$1 million approx.

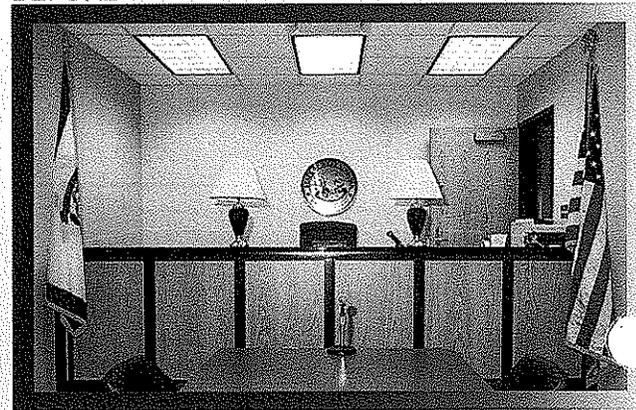
Project Architects-Engineers
McKinley & Associates

Project Architect
Charles Moore, AIA

Contractor
VDC Inc.

A complete renovation was performed on the AEP office building purchased by the Ohio County Commission. It is adjacent to the City-County Building and was transformed into the new Ohio County Justice Center. Today it houses the Family Law Masters / Family Court and the Ohio County Sheriffs Department. Work included total renovations including all systems and security. McKinley & Associates were responsible for all Architecture and Engineering Design and Contract Administration.

BEFORE



AFTER



MARSHALL COUNTY JUSTICE CENTER

Moundsville, West Virginia

The new Magistrates Justice Center in Moundsville, West Virginia includes a Courtroom juror's box and Deliberation room, Hearing Rooms, Magistrates Offices, Assistants Work Areas, Storage, Restrooms, Segregated Public Seating, Security and Law Masters Offices. McKinley & Associates were responsible for all Architecture and Engineering Design and Contract Administration.

Owner

Marshall County Commission

Size

5,000 SF

Construction Cost

\$560,000

Project Architects-Engineers

McKinley & Associates

Project Architect

Denis Gill, AIA

Contractor

Consolidated Engineering



WEST VIRGINIA STATE BUILDING

Weirton, West Virginia

Owner
State of West Virginia

Size
39,500 SF

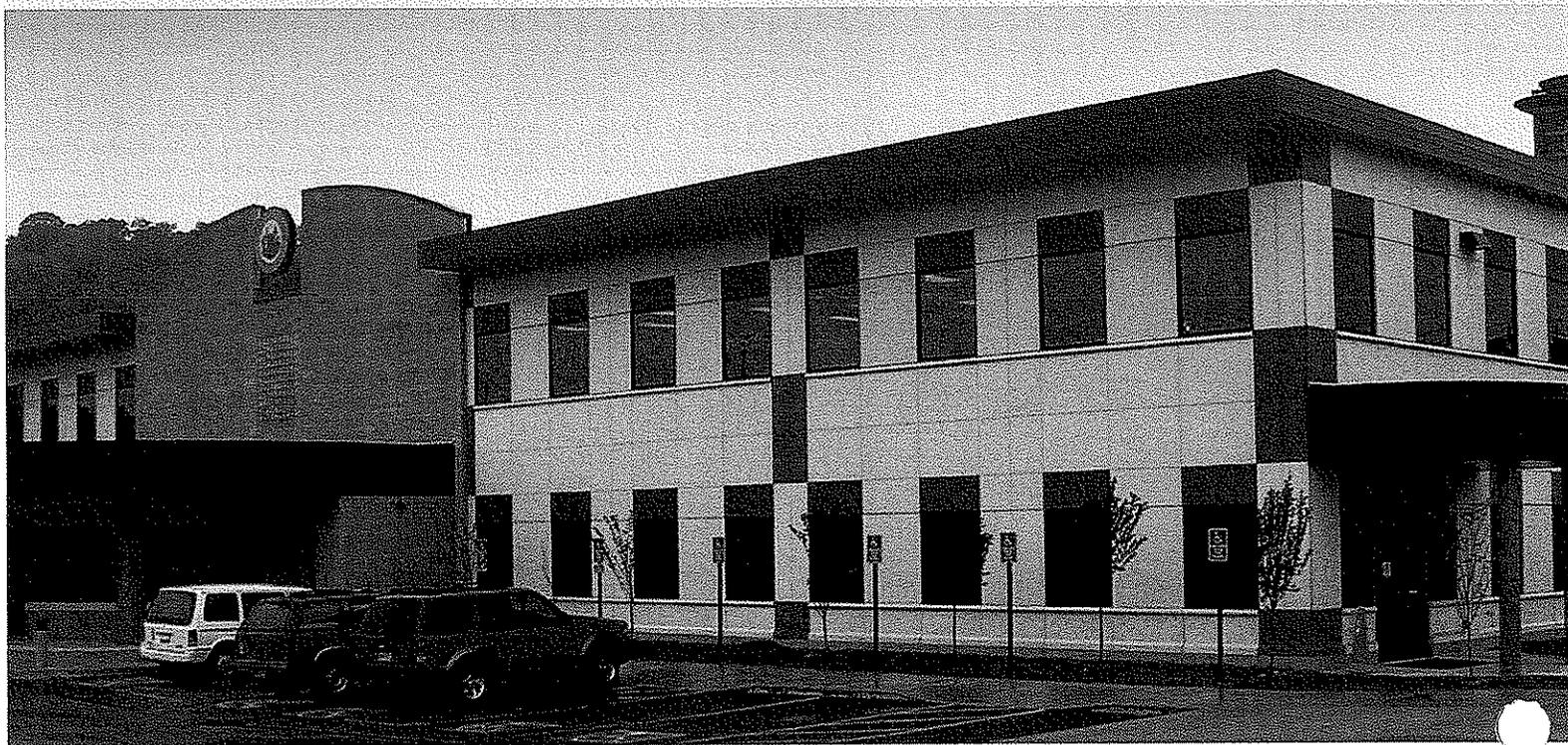
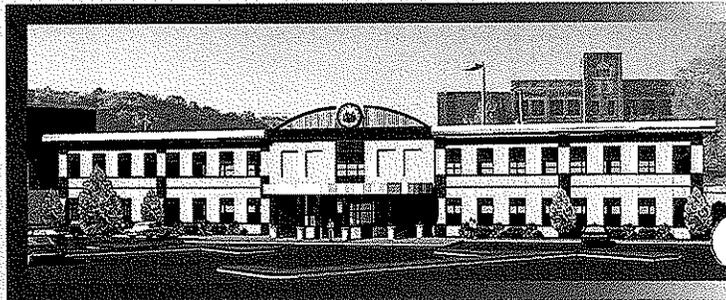
Construction Cost
\$4 million

Project Architects-Engineers
McKinley & Associates

Project Architect
Gregg Dorfner, AIA

Contractor
Walters Construction

Architectural and Engineering design on a new building in the Weirton Municipal Plaza in Weirton, West Virginia. This two story art-deco style building houses 6 state agencies: the Division of Motor Vehicles, the Bureau of Employment Programs, Rehabilitation Services, the Lottery Commission, the Department of Health and Human Resources and the Work Force Investment Board.



Colson Hall

WEST VIRGINIA UNIVERSITY

Morgantown, West Virginia

Owner
West Virginia University

Size
35,000 SF approx.

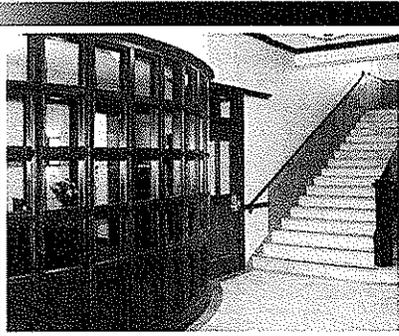
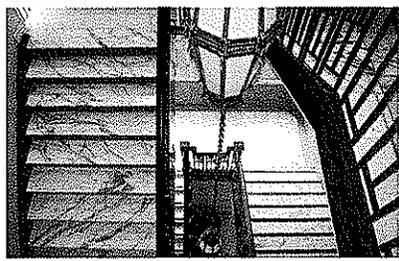
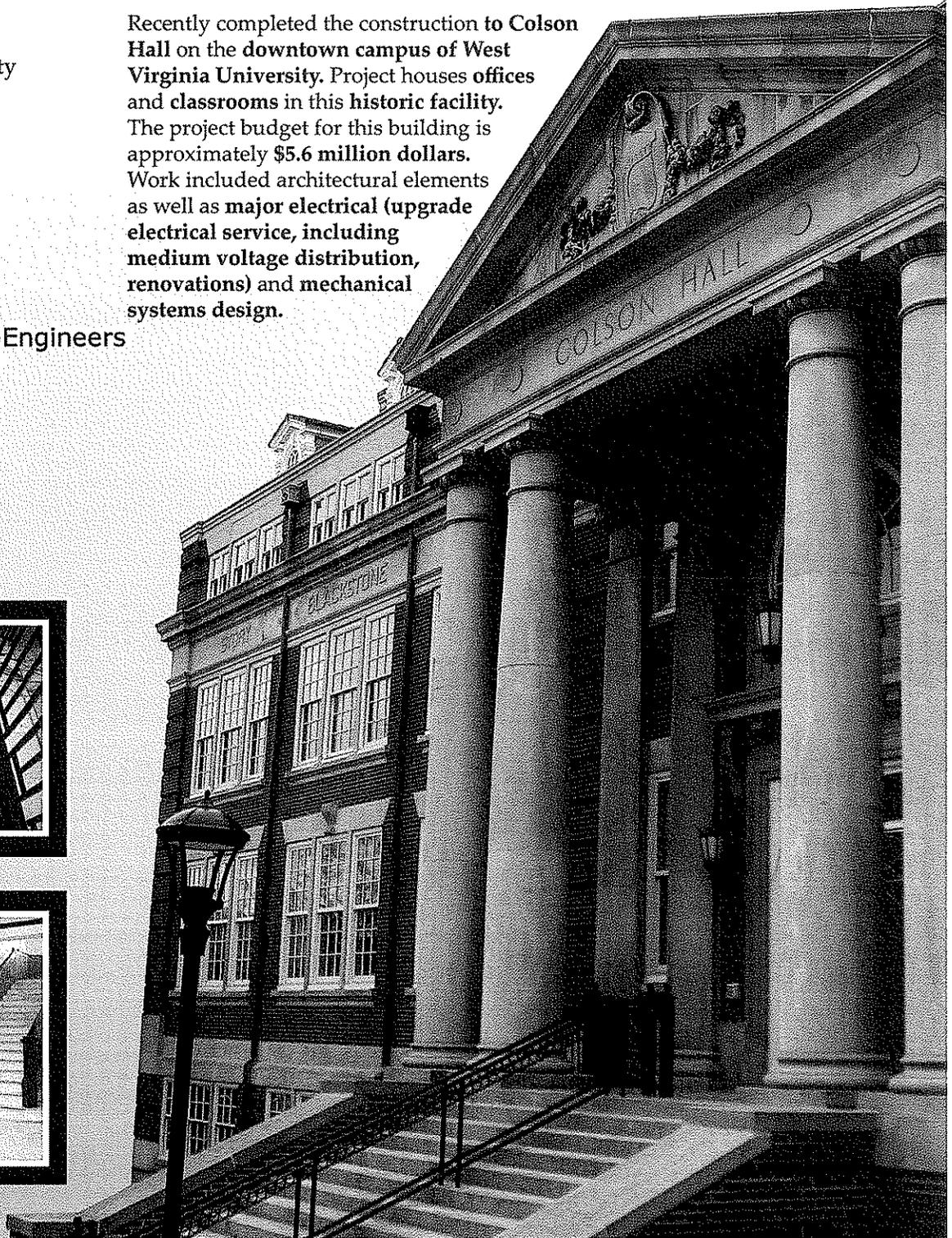
Construction Cost
\$5.6 mil.

Project Architects-Engineers
McKinley & Associates

Project Architect
Denis Gill, AIA

Contractor
TEDCO Construction

Recently completed the construction to Colson Hall on the downtown campus of West Virginia University. Project houses offices and classrooms in this historic facility. The project budget for this building is approximately \$5.6 million dollars. Work included architectural elements as well as major electrical (upgrade electrical service, including medium voltage distribution, renovations) and mechanical systems design.



Institute of Technology: Maclin Hall WEST VIRGINIA UNIVERSITY

Montgomery, West Virginia

Owner

WV Institute of Technology
West Virginia University

Size

40,500 SF approx.

Construction Cost

\$6 mil.

Project Architects-Engineers

McKinley & Associates

Project Architect

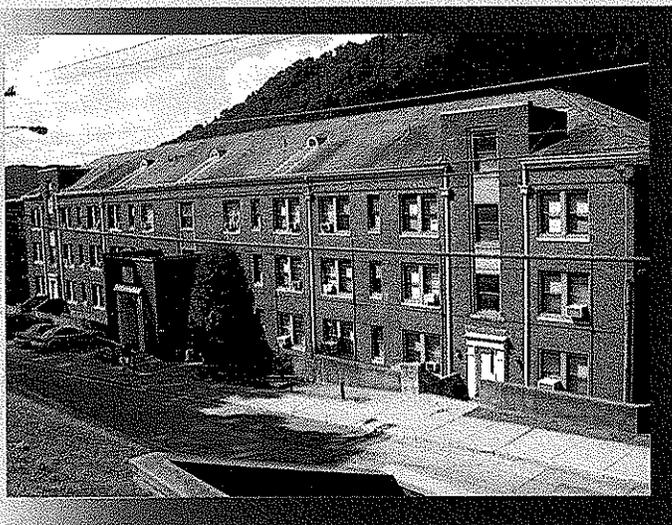
Thomas Worlledge, AIA

Contractor

Wiseman Construction

A comprehensive renovation to Maclin Hall on the campus of West Virginia University / WV Institute of Technology in Montgomery, WV. The project budget for this dormitory was approximately \$6 million dollars. Work included electrical (an upgrade to the electrical service, and renovations), HVAC system, addition of sprinklers as well as interior upgrades.

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.



The Education Center

WV NORTHERN COMMUNITY COLLEGE

Wheeling, West Virginia

Owner

West Virginia Northern Community College

Size

80,000 SF approx.

Construction Cost

\$11 mil.

Project Architects-Engineers

McKinley & Associates

Project Architect

Denis Gill, AIA

Contractor

Colaianni Construction
and Cattrell Companies

McKinley & Associates has vast experience completing **building renovations** such as the 80,000 SF **industrial warehouse** that was purchased by **Northern Community College** and was presented as **The Education Center**. This \$11 million project houses **classrooms, offices, a food court, a basketball court, as well as laboratories** for research. **Electrical design** included upgrades and renovations.

BEFORE



AFTER



The project will span into other renovations as well as construction of an **overpass** that will serve as a **connection** between the **B. & O. Railroad Building** that houses the **headquarters of Northern Community College** and the **Education Center**. This 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

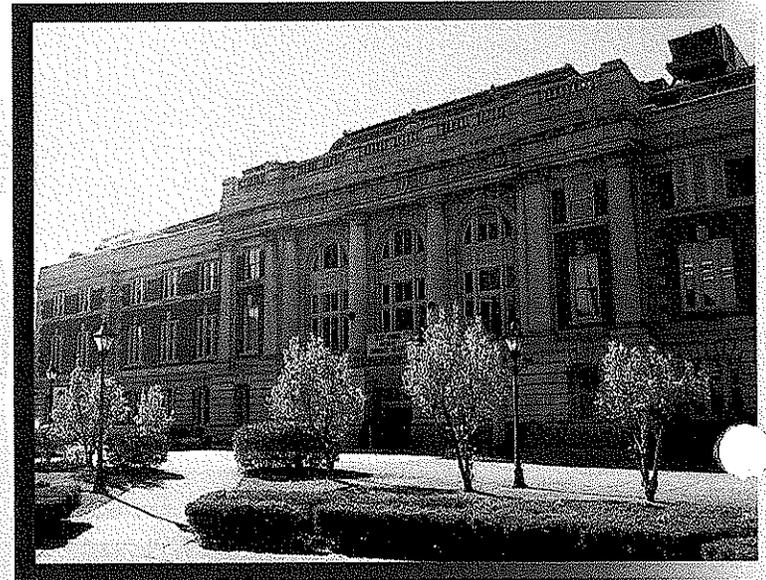
Project Architect

Denis Gill, AIA

Contractor

Cattrell Companies

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**. This \$1.8 million renovation was completed in multiple phases, and involved the remodeling on the second, third and fourth floors. Renovations included faculty offices, classrooms, a library, and 3 science laboratories. Work included demolition of existing interior walls and acoustical tile ceilings; providing gypsum board partitions, interior finishes, associated lighting, plumbing, laboratory furnishings, data, communications and HVAC work.



The B. & O. Building's South Plaza



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.



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

School Bond Projects

WOOD COUNTY SCHOOLS

Wood County, West Virginia

Owner

Wood County Schools
1210 13th Street
Parkersburg, WV 26101
P: 304-420-9663

Size

557,000+ SF approx.

Construction Cost

\$50+ mil.

Project Architects-Engineers

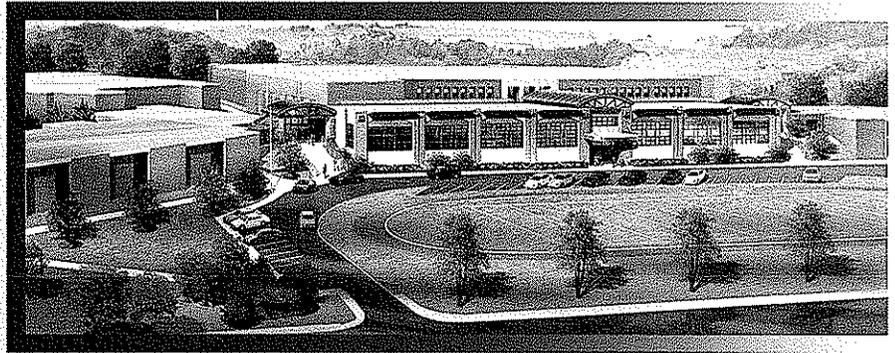
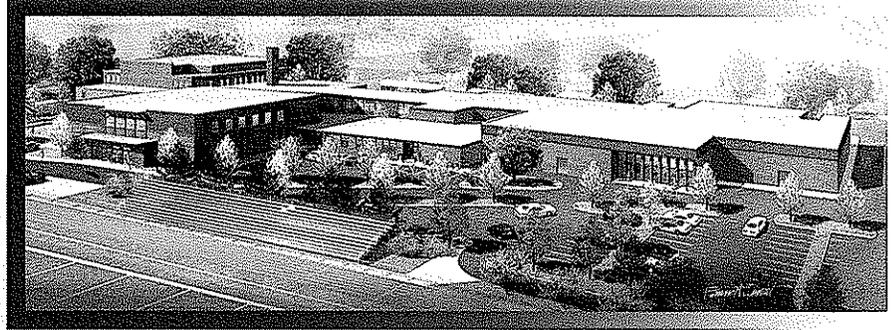
McKinley & Associates

Project Architect

Gregg Dorfner, AIA

Contractor

Colaianni Construction
Cattrell Companies
Grae-Con Construction



Parkersburg High School, Parkersburg South High School and Williamstown High School, are the three high schools in Wood County awaiting additions and renovations completed by McKinley & Associates. They are full architectural and engineering projects requiring great attention to detail,

aesthetics, safety and well being of students, while creating a progressive image which will reflect within the community. The state-of-the-art designs will provide learning opportunities for the students that will be beyond compare. Upgrading the electrical services included medium voltage distribution and renovation work.



Parkersburg High School WOOD COUNTY SCHOOLS

Parkersburg, West Virginia

Owner
Wood County Schools

Size
254,000 SF approx.

Construction Cost
\$20 million

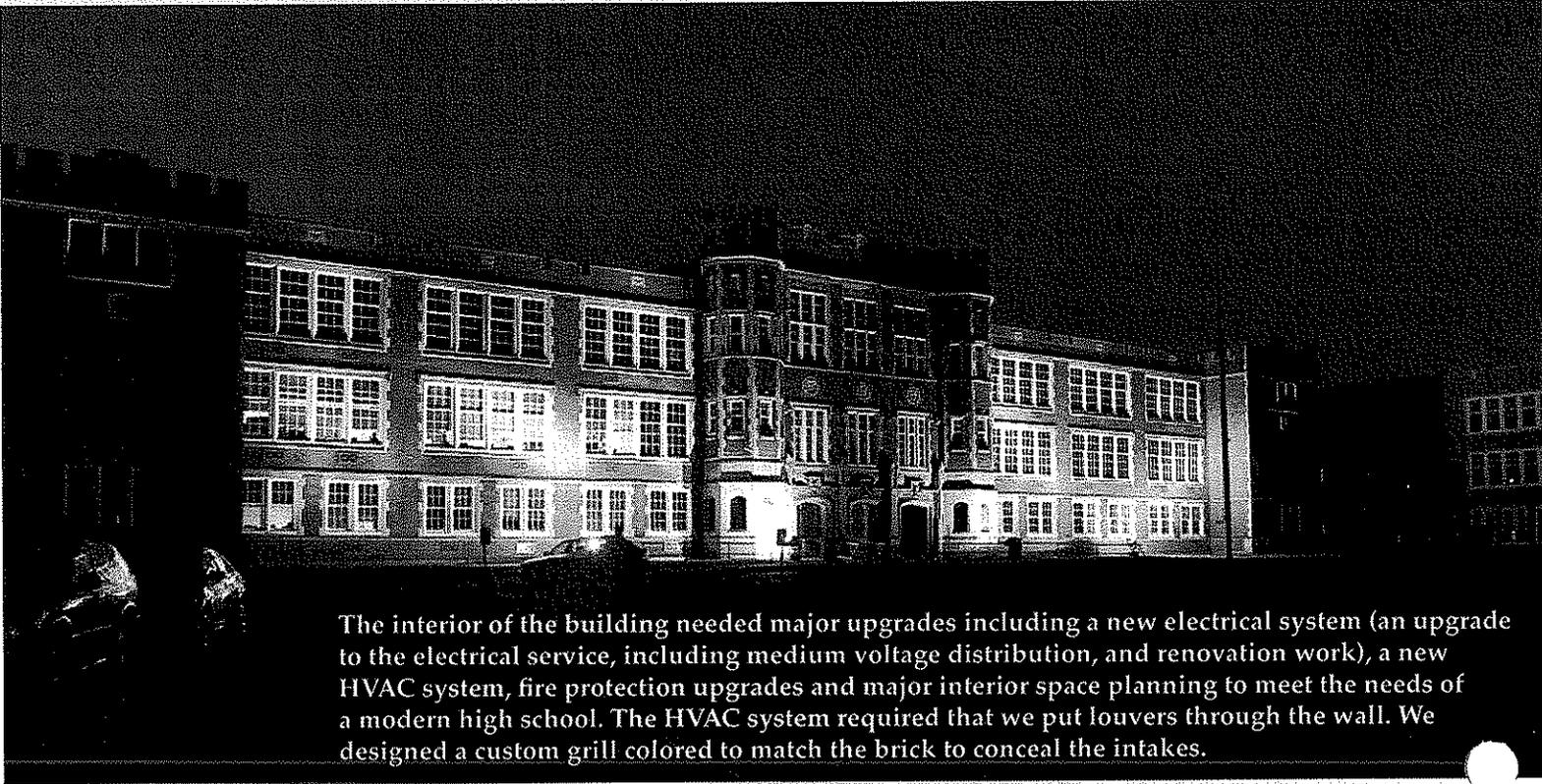
Project Architects-Engineers
McKinley & Associates

Project Architect
Thomas R. Worledge, AIA

Contractor
Grae-Con

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 the needs of a modern high school. 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.

REFERENCES

Orrick Building

Mr. Will Turani
ORRICK SUTCLIFFE, LLC
2121 Main Street
Wheeling, WV 26003
304/231-2629

Maxwell Centre**Wagner Building**

Mr. Dennis Kozicki
THE MAXWELL PARTNERS
32-20th Street / Maxwell Centre #300
Wheeling, WV 26003
304/232-2280

Colson Hall**Maclin Hall**

Mr. Robert Moyer
WEST VIRGINIA UNIVERSITY
979 Rawley Lane
P.O. Box 6572
Morgantown, WV 26506
304/293-2873

B. & O. Building & South Plaza**Education Center**

Dr. Martin Olshinsky
WV NORTHERN COMMUNITY COLLEGE
1704 Market Street
Wheeling, WV 26003
304/233-5900

Parkersburg High School**Parkersburg South High School****Williamstown High School**

Mr. William Niday
WOOD COUNTY SCHOOLS
1210 Thirteenth Street
Parkersburg, WV 26101
304/420-9663

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 Niday Superintendent

Wood County Schools

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

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."



McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

West Virginia Division of Corrections



Requisition #COR61423
Denmar Correctional Center
August 20, 2009



West Virginia Division of Corrections

Requisition #COR61423

Denmar Correctional Center

 **McKinley & Associates**
Architects • Engineers • Interior Design

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