723 Harvard Drive Owensboro, KY 42301- 3074 Phone:(270) 683-1158 • Fax: (270) 683 - 2446 www.rbsdesigngroup.com



Your partner in design from concept to completion.









Statement of Qualifications for High School HVAC Upgrades

Henderson County Board of Education 1805 Second Street Henderson, KY 42420

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SUB CONSULTANTS

WBW Engineering, Inc. – Mechanical, Electrical, Plumbing Engineering
Wilkie Engineering – Structural Engineering

PROJECT EXPERIENCE

Paducah Tilghman High School Renovations
Frederick Fraize Middle / High School Renovations
Murray Middle School Renovations
Muhlenberg North Middle School Renovations
Monticello Middle / High School Renovations
Salem Elementary School Renovations
South Hancock Elementary School Renovations
Joe Harrison Carter Elementary School Renovations
Eastern Elementary School Renovations
Southern Elementary School Renovations
Educational HVAC Project Experience List

NON-COLLUSION AFFIDAVIT

REFERENCES

SUMMARY



February 7, 2011

Mr. Walt Spencer, Assistant Superintendent of Finance Henderson County Board of Education 1805 Second St. Henderson, KY. 42420

RE: RFQ Response – Henderson County High School HVAC Renovations

Dear Mr. Spencer,

Thank you for the opportunity to respond to the Henderson County School Board's request for qualifications to provide a design team to complete the HVAC renovations at Henderson County High School.

Our design team of highly-qualified professionals will deliver great service and care, treating your input as one of our team's most valued assets. Our team includes:

- * RBS Design Group Architecture National award-winning design firm with thirty-two years of experience providing excellence in educational architectural design, comprehensive project management, and excellent communication.
- * WBW Engineering (Mechanical/Electrical/Plumbing Consultant) WBW has been an established engineering firm in the Western Kentucky area since 1962. They have designed numerous HVAC renovations for educational clients.
- Wilkie Structural Engineering (Structural Consultant) Wilkie is dedicated to providing complete structural engineering design from the foundations to the structural building frame.

Through RBS Design Group Architecture's design experience on similar educational renovation projects for the **Paducah Independent Schools** (Paducah Tilghman High School); **Cloverport Independent Schools** (Frederick Fraize Middle / High School renovations); **Breckenridge County Schools** (Breckinridge County Middle School); **Hancock County Schools** (Hancock County Middle School); **Monroe County Schools** (Joe Harrison Carter Elementary School); **Ohio County Schools** (Ohio County High School, Ohio County Middle School and Western Elementary School); and **Russell County Schools** (Salem Elementary and Union Chapel Elementary), just to name a few, we have developed a deep understanding of proper designs needed for school renovations and HVAC renovations – all while staying on budget and on schedule.



Our team's design philosophy centers around a common-sense design approach that helps create buildings that reflect our client's mission and passion for education.

Our team is eager to partner with the Henderson County Schools for this important HVAC renovation project. If you require additional information concerning our qualifications, please contact me at (270) 683-1158. We hope to continue serving as your partner in design from concept to completion.

Sincerely,

RBS Design Group Architecture

Jim Ivy, AIA Vice President



Firm Information

"Your partner in design from concept to completion!"

RBS Design Group, PSC Architecture: (270) 683-1158 E-mail: office@rbsdesigngroup.com





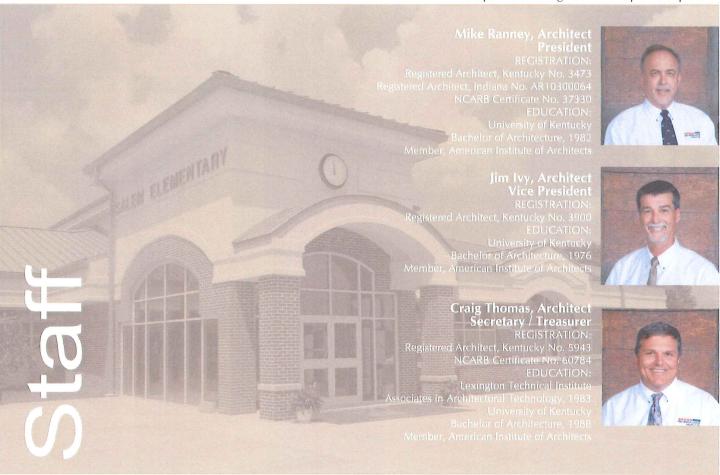
FIRM HISTORY

RBS Design Group Architecture (RBS) has been a locally owned architectural firm since October 1978. Founded by Otto M. Ranney, Architect (after eighteen years as a professional staff member of Max W. Bisson, Architect and Associates). In 1979, a partnership with Architect Terry Blake was formed and the firm changed its name to Ranney and Blake Architects. In 1984, Ranney and Blake merged with Strehl Engineering. The firm name was then changed to Ranney, Blake and Strehl, Architecture and Engineering. In 1995, Michael Ranney joined the partnership and later that year Ranney, Blake and Strehl

merged with Ivy/Thomas and became RBS Design Group, PSC (RBS). In 2006, founder Otto M. Ranney retired, followed by Terry Blake's retirement in 2009. Architects Mike Ranney, Jim Ivy and Craig Thomas are today's RBS principals.

Today, RBS is dedicated to meeting each client's specific architectural needs. We are a client-focused, design oriented, and service based architectural firm. We provide professional design services in the areas of educational, civic, financial, medical, religious, commercial, industrial, and retail architectural design.





Principal

Architectural License and Registration: RBS has three licensed architects that are registered to practice in the state of Kentucky.

Knowledgeable: RBS is knowledgeable and informed on the current applicable statutes, codes, and regulations of the local, state, and national building and zoning codes. We are also experienced in obtaining all appropriate state and local approvals related to building projects in Kentucky. For over 32 years, RBS Design Group has been a trusted source for professional

architectural design services.

Professional Liability Insurance:

RBS maintains Professional Liability Insurance with maximum coverage of \$ 1,000,000. If requested, coverage can be increased, for an additional fee.

In-House Staff: Most programming and architectural matters are performed by RBS staff and personnel. Outside structural, mechanical, electrical, and plumbing consultants are used by RBS.



echnical

Degree: Bachelor of Science in Architectural Sciences, 2003

Jeanie Cannon, Architectural Intern / Project Coordinator

Education: Western Kentucky University

Degree: Bachelor's of Science in Architectural Sciences, 1985

Rebecca Davis. Architectural Intern / Project Coordinator

Education: Western Kentucky University

Degree: Bachelor of Science in Architectural Sciences, 1994

Education: University of Kentuck

Degree: Bachelor of Architecture, 2000

Alisa Johns, CADD Operator

Education: Ivy Tech Community College

Degree: Associates of Science in Design Technology - Architecture, 2008

Steve Martin, Architectural Intern

Degree: Bachelor of Architecture, 2003

Ryan Wissner, CADD Operator

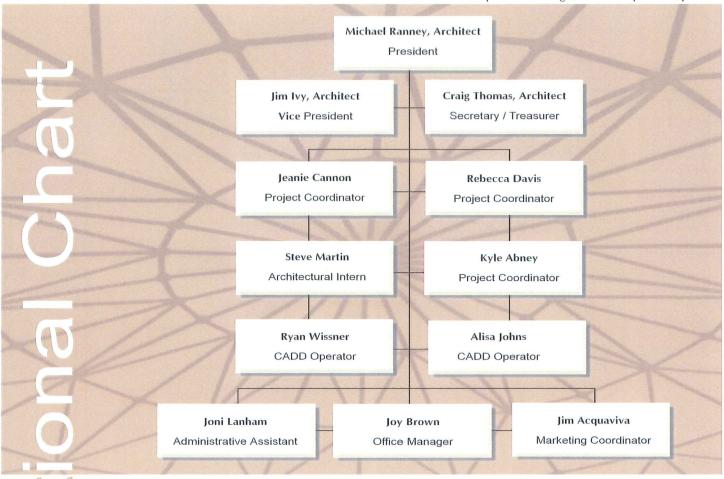
Degree: Associates of Science in Design Technology – Architecture, 2007

RBS Design Group Architecture (RBS) hires and helps mentor the architects of tomorrow.

Our firm hires talented architectural interns who are pursuing the Individual Development Program (IDP) and preparing to take the Architectural Registration Examination (ARE), individuals who have received a technical Bachelors Degree in Architectural Sciences and CADD Operators.

RBS's professionally trained staff help our registered architects work on your project. RBS will assign a principal to work on your specific project(s) and the rest of our team will support their efforts on a daily basis.





Name: RBS Design Group, PSC Architecture

Address: 723 Harvard Drive Owensboro, Kentucky, 42301

Phone: (270) 683-1158 **Fax:** (270) 683-2446

E-mail: office@rbsdesigngroup.com **Years in Business:** Thirty-two (32)

Explanation of the Services we provide: RBS Design Group Architecture (RBS) has been providing architectural services in the state of Kentucky since October 1978. RBS has completed hundreds of millions of dollars worth of construction projects in Western and

Central Kentucky.

We strive to deliver three key benefits to each client:

- 1) Value we stretch your project dollar as far as market conditions and our experience will allow;
- 2) Service RBS is ready to represent your best interests on each and every project;
- 3) Innovation our team is constantly looking for ways to improve the built environment.

Our design team offers years of experience in architectural design. RBS provides a full range of services for new and existing buildings, integrating architecture, interiors and planning, to deliver innovative solutions that meet our client's goals and improve their business.

Design Awards



University (AS&U) publication is a national consortium of educational designs selected for their outstanding quality and originality in design by a panel of peers.

Submissions are reviewed selected and then published in AS&U's various publications.

Since 2003 RBS Design Group Architecture has submitted on twelve occasions and is honored to have received twelve national awards. North Jackson Elementary School 2010 Glasgow, Kentucky Outstanding School Design

Auditorium - Natatorium 2009 Russell Springs, Kentucky Outstanding Community Centers or Joint-Use Facilities

Trojan Academy - 2008Glasgow, Kentucky
Outstanding School Design

Joe Harrison Carter Elementary - 2007

Tompkinsville, Kentucky

Outstanding Elementary School Design

Murray Middle School - 2007 Murray, Kentucky Outstanding Middle School Design

Greenville Elementary School 7 2006 Greenville, Kentucky Outstanding Elementary School Design

North Hancock Elementary School - 2006 Hawesville, Kentucky Outstanding Elementary School Design

Temple Hill Elementary School - 2005

Glasgow, Kentucky Outstanding Elementary School Design

Southern Elementary School - 2004

Beaver Dam, Kentucky Outstanding Addition/Renovation Design

Park City Elementary School - 2004
Park City, Kentucky

Park City, Kentucky
Outstanding Libraries / Media Center Design

Muhlenberg North Middle School - 2003 Greenville, Kentucky Outstanding Addition/Renovation Design

Russell Springs Elementary School - 2003

Russell Springs, Kentucky Outstanding Elementary School Design Architectural Portfolio 2010

Architectural
Portfolio
2009
DUTSTANDING
BUILDING

Architectural Portfolio
2008
DUTSTANDING
BUILDING

Architectural
Portfolio
2007
CUTSTANDING
BUILDING

Architectural Portfolio
2006
DUTSTANDING
BUILDING

Architectural
Portfolio
2005
DUTSTANDING
BUILDING











Associated General Contractors of Kentucky
 "2010 Build Kentucky Award"
 Russell County School ~ Auditorium / Natatorium



Associated Builders and Contractors of Kentucky
 "2005 Award of Honor"
 Russell County Schools - Jamestown Elementary School



Associated General Contractors of Kentucky
 "2005 Build Kentucky Award"
 Russell County Schools - Jamestown Elementary School



•Owensboro Area Chamber of Commerce "Small Business of the Year 2003"



Associated General Contractors of Kentucky
 "2002 Build Kentucky Award"
 Russell County Schools - Russell Springs Elementary School



Associated Builders and Contractors of Kentucky
 "1999 Award of Honor"
 Owensboro Municipal Utilities
 Customer Service Center





Project Team

Henderson County Schools **RBS DESIGN GROUP** ARCHITECTURE Jim Ivy, Architect Principal-In-Charge **RBS DESIGN GROUP ARCHITECTURE** Mike Ranney, Architect **Project Specifications RBS DESIGN GROUP** ARCHITECTURE Kyle Abney Project Coordinator Engineering, Inc. WILKIE STRUCTURAL ENGINEERING, INC **Kenneth M. Balczo** Principal-In-Charge Structural Engineer **Nami Nahid, PE, LEED AP,** Principal-In-Charge Mechanical Engineer Thomas W. Waldron III, PE Amy M. Schalk Structural Engineer Project Manager Electrical Engineer

"Your partner in design from concept to completion!"

RBS Design Group, PSC: (270) 683-1158

E-mail: office@rbsdesigngroup.com



Principal-In-Charge

Professional Affiliations:

- Registered Architect in Kentucky # 3900
- Member, American Institute of Architects

Education:

Mr. Ivy graduated from the University of Kentucky in 1976 with a Bachelor of Architecture Degree.

Experience:

As Director of Technology and Marketing, Mr. Ivy is responsible for managing the marketing direction of the corporation and all the computer systems, which helps RBS efficiently produce accurate contract documents. His design experience includes several educational facilities, churches, banks, offices, stores, libraries, medical facilities and industrial facilities.

Awards:

- "Award of Honor" Associated Builders and Contractors of Kentucky in 1999 and 2005.
- "Build Kentucky Award" Associated General Contractors of Kentucky in 2002 and 2005.
- " "Outstanding School Design" -American School and University in 2003, 2005, and 2008.
- "Outstanding Libraries / Media Center Design" - American School and University in 2004.
- "Outstanding Community Use Facility" – American School and University in 2009.

Responsibilities:

As the Architect, Mr. Ivy can be directly involved in all the project aspects from through programming contract administration. He will oversee everything from owner programming to the close-out process. Mr. Ivy will coordinate and orchestrate the project on a daily basis. He will work closely with the project team to monitor the progress and keep the project on schedule.

Project Experience:

Adair County Schools

◆ New Elementary School 2004

Barren County Schools

- ◆ Trojan Academy New 8-9 Center
- North Jackson Elementary new school
- North Jackson Elementary addition (on the boards)
- Barren County High School –
 Renovations (multiple projects)

- Eastern Elementary School New Building
- New Bus Garage
- District Facility Plan (numerous times)
- Barren County High School Softball Complex
- Barren County Middle School -Renovations
- Temple Hill Elementary School New school
- Barren County Area Technology Center - Renovations
- Park City Elementary School New Building
- ◆ Hiseville Elementary School
- Red Cross Elementary School New Building
- Day Treatment Center

Caverna Independent Schools

- ◆ Elementary School Interior Partitions
- ◆ District Facility Plan
- Bleacher Replacement

Daviess County Fiscal Court

 Daviess County Government Operations Center

Daviess County Schools

Deer Park Elementary

Daymar College

Draughon's Junior College

Daymar Properties

 Owensboro Junior College of Business

Dr. Brett Abney

◆ New Office Building

Edmonson County Schools

Kyrock Elementary School - Addition
 / Renovation



Project Experience: (continued)

Elizabethtown Independent Schools

- New Primary Center (in construction phase)
- Helmwood Heights Addition & Renovation

First Baptist Church

Addition and Remodeling

Green River Regional Educational Cooperative

♠ New Office Building

Hancock County Schools

- Hancock County Middle School -Library Renovation
- Hancock County Middle School -Remodeling / Renovations
- Hancock County High School Toilet Renovations
- Hancock County High School -Science Room Renovations

Henderson County Schools

 Early Childhood Learning Center (in construction phase)

Hopkins County / Madisonville Public Library

Remodeling (in preliminary stage)

Liberty District Baptist Association

 Ralph Bunche Community Center HVAC Replacement

Liberty National Bank

Renovations

Ohio County Schools

- ♠ Athletic Fields
- Miscellaneous roofing projects
- Beaver Dam Elementary School -Toilet Renovations

Owensboro Area Museum of Science & History

- ◆ Anderson Building Renovation
- Wendell Ford Government Education Center - Renovations

Owensboro Christian Church

- ◆ Family Life Center Renovations
- Kitchen Remodeling

Owensboro Independent Schools

- Owensboro Middle School -Renovations
- Foust Elementary pre-school addition

Owensboro Municipal Utilities

- ♠ Lobby Remodeling
- Customer Service Center

Owensboro National Bank

◆ Fourth & Fifth Floor Renovations

Peoples Bank of Tompkinsville

Renovations

Riverpark Center

Main Street Building Renovations

Russell County Schools

- Auditorium / Natatorium New facility
- Salem Elementary School Addition / Renovation
- Union Chapel Elementary School -Addition / Renovation
- Russell Springs Elementary School new school
- Jamestown Elementary School new school
- Russell County Middle School -Addition / Renovation
- District Facility Review (multiple times)

Russellville Independent Schools

Russellville Middle School –
 Renovations

Saint Joseph Catholic Parish

 Saint Joseph Elementary School -Addition / Renovation

Simpson County

- New High School Gymnasium (ongoing)
- Franklin-Simpson Middle School -Renovations
- Lincoln Elementary School Addition / Remodeling

Walnut Memorial Baptist Church

- Renovations
- Bellevue Building Study

Wax Works

* Facility Plan

Webster County Schools

- Webster County High School -Cafeteria Renovation
- Dixon Elementary School Interior Renovation
- Clay Elementary School Renovation
- Slaughters Elementary School Renovations
- Webster County High School -Addition / Renovation
- Webster County High School Science Room Renovations
- Clay Elementary School Cafeteria Renovations
- Dixon Elementary School -Renovations



Resume' Mike Ranney, AIA



Specifications & Quality Control

Professional Affiliations:

Education:

Experience:

Experience (continued):

numerous new buildings, additions, and remodelings for medical facilities; churches; libraries; elementary, middle and high schools and college facilities; recreational; and institutional facilities.

Responsibilities:

As Specification Writer, Mr. Ranney will oversee this project's specifications from product selection through contract documents, and answer any specification questions during bidding and contract administration.

Project Experience:

Audubon Area Community Services

New Office Building

Brescia University, Owensboro, Kentucky

◆ Brescia University Chapel (specifications)

Breckinridge County Schools

- * Breckinridge County Middle School -**HVAC** upgrades
- * Breckinridge County Middle School -Re-roofing

Butler County Schools

◆ Butler County High School

City of Owensboro

- ◆ Thompson Berry Soccer Complex
- Southwest Park Press Box

- Kendall Perkins Spray Park
- Legion Park Shelters and Restrooms
- Chautaugua Park Restroom Building
- Elizabeth Munday Center Re-roofing
- Public Works Renovations ongoing
- Edge Ice Center

Commonwealth of Kentucky

- Audubon State Park Master Plan
- Owensboro State Office Building reroofing
- Henderson State Office Building reroofing

Daviess County Schools

- * Meadow Lands Elementary School -New School*
- ◆ Southern Oaks Elementary School*
- ◆ West Daviess County Elementary School - New School** (under construction)
- ◆ Whitesville Elementary School
- * Done in conjunction with Collignon
- & Nunley Architects.
- ** Done in conjunction with Collignon
- & Nunley / Hafer Associates.

Dawson Springs Independent Schools

- High School Gym Re-roofing
- Dawson Springs Elementary School Remodeling

Dr. Terry Tyler - Owensboro, KY

MRI Center

First United Methodist Church, Morganfield, Kentucky

Remodeling

Glasgow Independent Schools

 Glasgow Middle School - New School



Project Experience: (continued)

Green River Heart Center – Owensboro, KY

 Rehabilitation Owensboro Cardiology

Hall Street Baptist Church, Owensboro, Kentucky

New Christian Life Center

Hancock County Schools

- South Hancock Elementary School Addition/Renovation
- ◆ District Facility Plan 2006
- Hancock County Middle School Kitchen/Cafeteria Addition (in design phase)

Hartz Construction Corporation -- Owensboro, KY

♠ New Dentist Office

Hospice of Western Kentucky – Owensboro Kentucky

New Office Building

Malcom Bryant Corporation -- Owensboro, KY

◆ RDI Office Building

Ohio County Public Library – Hartford, Kentucky

New Addition and Renovation

Saint Stephen Cathedral - Owensboro, Kentucky

- Master Plan Study
- Parish Hall Remodeling / Reroofing
- Cathedral Re-roofing

Shaw's Prosthetics Plus - Owensboro, Kentucky

New Office Building

Third Baptist Church - Owensboro, Kentucky

Addition / Christian Life Center
 Education Building (specifications)

Union County Fiscal Court – Morganfield Kentucky

- Courthouse Renovations
- Union County Courthouse Annex
- Veatch/Breckinridge Museum and Arts Center
- Union County Senior Center
- ♠ Industrial Spec Building

Union County Schools – Morganfield, Kentucky

- ◆ District Facility Plan
- Union County High School –
 Renovation
- Union County High School track resurfacing

Wendell Foster Campus - Owensboro, Kentucky

- Ruth Elmer Hall Remodeling
- Homes By Choice
- ◆ Green Therapy Pavilion
- ◆ Master Plan Phase I
- ♠ Master Plan Phase II

Westside Baptist Church, Murray, Kentucky

Educational Addition (specifications)

Kyle Abney ~ **Project Coordinator**



Education:

Mr. Abney graduated from Western Kentucky University in 2003 with a Bachelor of Science Degree in Architectural Sciences. He is a 1997 graduate of Ohio County High School.

Responsibilities:

As your Project Coordinator, Mr. Abney will:

- Work closely with the Principal In Charge, Jim Ivy, to coordinate all facets of the project.
- Coordinate all Computer
 Aided Drafting (CAD)
 documents
- Coordinate technical aspects of producing contract documents

Mr. Abney has been a Project Coordinator on numerous projects. He has coordinated millions of dollars worth of construction, and is involved in all phases of building projects.

Recent Projects:

Barren County Schools

- North Jackson Elementary School -Addition
- ◆ North Jackson Elementary School
- ◆ Trojan Academy
- ◆ High School Gym HVAC Renovation

City of Owensboro

- ◆ Edge Ice Arena
- ◆ Public Works Building (on-going)

Dr. Brett Abney

New Office Building, Leitchfield, Kentucky

Elizabethtown Independent Schools

- ◆ Early childhood center
- Elementary Renovations

Green River Regional Educational Cooperative

♠ New Office Building

Owensboro Christian Church

- ◆ Family Life Center
- ♠ Kitchen Remodeling

Russell County Schools

- Auditorium / Natatorium
- ♠ Middle School Addition / Renovation

Simpson County Schools

 New High School Gymnasium (ongoing)

Walnut Memorial Baptist Church

Renovations





Sub



Mechanical and Electrical Engineering

WBW Engineering Inc.

3000 Canton Street Hopkinsville, Kentucky 42240

> Phone: (270) 886-2536 Fax: (270) 885-7978



3000 Canton Street, Hopkinsville, KY 42240 Phone: 270.886.2536 Fax: 270.885.7978 office@wbwengr.com

CONSULTING ENGINEERS

The firm of WBW Engineering, Inc. has been an established engineering firm in the Western Kentucky area since 1962. WBW has developed close professional relationships with clients and other professionals in the area necessary for a successful project.

WBW consists of two licensed professional engineers, two engineer interns, six designers, an office manager and two administrative assistants. Firm was formerly known as Waldron, Batey & Wade, Inc.

ACTIVITIES

Mechanical and Electrical Design, Plans, Specifications, and Contract Administration for new construction, remodeling and renovations of Industrial, Commercial, Hospital, Public and Institutional Buildings, Shopping Centers, Civic Centers, Arenas, Multi-Story Housing, Dormitories, and Educational Facilities.

SPECIALTIES

Design of heating, air conditioning, and humidity controls

Plumbing, process piping and fire protection design

Electrical design of lighting, distribution, data cabling, communications, fire alarm and other special systems

Two LEED AP (Accredited Professionals) with knowledge of Green Building Rating Systems.

PRINCIPALS

Thomas W. Waldron, III, PE Nami Nahid, PE, LEED AP

THOMAS W. Waldron, III, PE Project Manager and Electrical Engineer

Education: University of Kentucky

B.S. Electrical Engineering

Registration: Kentucky (#17819)

Tennessee (#00023053)

Texas (#82926)

National Council of Engineering Examiners

Responsibilities and Experience:

Mr. Waldron's experience in electrical consulting over the past eighteen years has focused on educational facilities, institutional facilities, multi-family housing, corporate manufacturing and industrial facilities. Mr. Waldron is responsible for all phases including specifications, electrical design, and project administration. Projects have varied from additions and renovation to new construction.

He supervises an experienced team responsible for design of electrical distribution, lighting, fire alarm, data networking and other communications systems.

Electrical Technical Staff

Wm. STEPHEN CHESTER

Mr. Chester has been employed by WBW for the past 37 years and is Senior Electrical Designer specializing in lighting design and power distribution. He has been a member of the Illuminating Engineering Society since 1994.

THOMAS "WLL' HALLMARK, LEED AP BD + C

Mr. Hallmark graduated from Mississippi State University in May 2006 with a B.S. in Electrical Engineering and was employed by WBW that same month. He is an Engineer-intern in the Electrical field. Mr. Hallmark earned a LEED Accredited Professional Building Design and Construction credential through the Green Building Certification Institute.

MAYE STANLEY

Mrs. Stanley has been employed by WBW for the past 17 years. She is a Senior Electrical Designer specializing in the electrical design of kitchens, mechanical, HVAC and fire alarm systems.

MARK WINSETT

Mr. Winsett has been employed by WBW for the past 22 years. He is the IT / CAD Manager and an Electrical and Technology Systems Designer. He has extensive experience with AutoCAD software and Microsoft Windows based operating systems.

NAMI NAHID, PE, LEED AP

Project Manager and Mechanical Engineer

Education: Georgia Institute of Technology

B.S. Mechanical Engineering

Registration: Kentucky (#21988)

Indiana (10302106) New Hampshire (12621) Tennessee (000104872)

National Council of Engineering Examiners

Responsibilities and Experience:

Mr. Nahid's experience in mechanical consulting over the past seventeen years has focused on engineering design of mechanical systems and project management from schematics through construction.

Mr. Nahid has been responsible for designing HVAC, geothermal systems, plumbing and fire protection for all aspects of commercial applications. Projects include office buildings, schools, church buildings, industrial, hospitals and institutional facilities, military barracks and public housing projects. He has also been responsible for specifications and construction documents for fast track and phased construction for renovation and retrofits as well as new construction.

In 2008 Mr. Nahid was certified as an LEED AP (Accredited Professional).

Mechanical Technical Staff

GARY CALVIN

Mr. Calvin has been employed by WBW for the past 30 years. He is a Senior Designer primarily in charge of sprinkler systems. He is proficient in AutoCAD software.

WILL CHESTER

Mr. Chester joined WBW in 2007 as a Mechanical Designer with a primary emphasis on plumbing. He is proficient in AutoCAD with an Associates of Applied Science Degree in CAD. Mr. Chester has over 18 years of experience in the drafting field.

GARY L. MAHONEY CPD, FASPE

Mr. Mahoney has been employed by WBW Engineering, inc. since July 6, 2010. He has been in the plumbing engineering profession for the past 37 years. Mr. Mahoney graduated from Murray State University in 1974 with a BFA degree and received his Certified Plumbing Designer certification in 1992 from the American Society of Plumbing Engineers. Mr. Mahoney presently serves on the Society Board of Directors for the American Society of Plumbing Engineers as Secretary/ Treasurer and was named to the Kenneth G. Wentink College of Fellows in 2008. Mr. Mahoney's experience covers a wide range of projects from office buildings, educational facilities, medical facilities, hospitality and many others including call centers.

NICK PERRY

Mr. Perry is a Mechanical Engineer-intern. He joined the firm in May 2009. He is a graduate of Tennessee Technological University where he earned a Bachelor of Science in Mechanical Engineering.

Administrative Personnel

RACHEL BARNER

Mrs. Barner, Administrative Assistant, has been employed by WBW for the past 10 years. She has a Bachelor of Science Degree from Austin Peay University. She manages contract administrative duties for Commonwealth of KY projects and Kentucky School System contracts.

PAULETTA MASON

Mrs. Mason, Administrative Assistant, has been employed by WBW for the past 24 years. She is proficient in SpecIntact and Master Spec software. Mrs. Mason assists with specification writing and submittal review processes.

LAURA SARGEANT

Mrs. Sargeant, Office Manager, joined the firm in March of 2010. She received a Bachelor's of Science in both Management and Marketing from the University of Kentucky. She has an MBA from Murray State University. She has worked in contract management for 17 years.

Similar Projects

McLean County High School Total HVAC upgrade

Breckinridge County Middle School Total HVAC upgrade

North Hardin High School HVAC system renovation with associated electrical and building upgrades

Burns Elementary School Building remodel including HVAC system

Central Hardin High School Multiple phase HVAC renovation

Ben Johnson Elementary School Building remodel and addition including HVAC upgrade



RESUME

FOR



420 MAIN ST., SUITE 1010, EVANSVILLE, IN 47708 PH: (812) 423-6347 FAX: (812) 422-9236



Firm Background

In 1952, the firm was founded by John R. Wilkie. In 1984, the title was changed to Wilkie Structural Engineering, Inc..

Wilkie Structural Engineering, Inc. specializes in providing consulting structural engineering for a variety of commercial, institutional, and industrial projects. The projects range in size and scope from small residential to large multi-story office buildings. Clients include established and respected architectural firms and contractors. The size of our firm enables us to maintain a close relationship with our clients and their respective projects. Our business and professional philosophy is based on the team player concept with the repeat customer principle. We strive to provide complete structural engineering design from the structural building frame through its foundation. In addition, our firm also provides structural and miscellaneous steel detailing services for various steel fabricators. Based on a client's project requirements, cooperation between our engineering and detailing departments can provide a "total package under one roof" from the design up to the fabrication of the structural steel.

Personnel

Registered Engineers	2
Draftsmen	8
Support Staff	1

Project Engineer: Kenneth M. Balczo, P.E.

Amy M. Schalk, P.E.



Kenneth M. Balczo

Job Title

Structural Engineer, President

Education

University of Evansville - Bachelor of Science in Civil Engineering, Magna Cum Laude, 1983

Registration

Registered Professional Engineer in states of Indiana and Kentucky

Memberships

National Society of Professional Engineers Indiana Society of Professional Engineers - Southwestern Chapter International Conference of Building Officials American Institute of Steel Construction

Experience

After graduation, worked as an adjacent faculty member for the University of Evansville. Instructed undergraduate students in engineering laboratories.

Joined Wilkie Structural Engineering, Inc. in February, 1984 as a structural engineer. Responsible for designing both the framing and the foundation systems, coordinating and directing draftsmen in drawing plans, reviewing shop drawings, and inspecting job sites during the construction phase for compliancy to plans. Became junior partner in 1988, and president in 1992.



Amy M. Schalk

Job Title

Structural Engineer

Education

Southern Illinois University Carbondale - Bachelor of Science in Civil Engineering, May 1995

Registration

Licensed Engineer in the states of Illinois, Indiana, and Kentucky

Experience

Was employed by Illinois Dept. of Transportation during the summer of 1994, and May-November of 1995 & 1996. Duties included inspection of various construction projects, surveying & layout, and field calculations. Was also employed by Miller Engineering, Harrisburg, IL Feb.-May 1996. Duties included the design & layout of various bridge projects & design drawings.

Joined Wilkie Structural Engineering, Inc. in June, 1997 as a structural engineer. Responsible for the design of structural steel and foundations for commercial and institutional buildings, preparation of design drawings through the use of Autocad, review of shop drawings, and construction site inspections.



Colleges & Universities

Brescia College Owensboro, Kentucky

- Library
- Dormitory
- Science Building

Indiana State University, Evansville Evansville, Indiana

- Library
- Student Center
- Library
- Science and Technology
- Health and Physical Education Bldg.

Kentucky Wesleyan Owensboro, Kentucky

Dormitory

University of Evansville Evansville, Indiana

- Science Building
- Shanklin Theatre
- Library Expansion

University of Kentucky Madisonville, Kentucky

Academic Auditorium

University of Louisville Louisville, Kentucky

Dormitory

University of Southern Indiana Evansville, Indiana

- University Center Expansions
- ◆ PAC Arena Renovation
- ♠ Art Studio
- ◆ Student Housing #1, 2,3,& 4
- Rice Library
- Physical Plant Addition
- Business & Engineering
- Ceramics Studio

Vincennes University Vincennes, Indiana

- Classroom Addition
- Dormitory
- Clark Hall Renovation

Other Educational Facility Projects

Arlington, Indiana

Arlington Elementary

Barren County, Kentucky

- Austin Tracy
- Eastern Elementary
- Park City
- ◆ Temple Hill
- Red Cross Elementary
- North Jackson Elementary

Bedford, Indiana

North Lawrence High Addition

Bloomfield, Indiana

Eastern Green High School

Boonville, Indiana

- Boonville Junior High School
- Loge Elementary School

Chandler, Indiana

Chandler Elementary School

Clarkson, Kentucky

Clarkson Elementary

Dawson Springs, Kentucky

- Dawson Springs High School
- Dawson Springs Elementary

Ellettsville, Indiana

Richland Bean Blossom Schools

Evansville, Indiana

- Reitz High School Additions
- Vogel School Addition
- North High Addition
- Central High Additions
- Oak Hill Middle Additions
- Plaza Park
- Cedar Hall
- North Middle / High School

Floyd Knobs, Indiana

Floyd Central High School

Fort Campbell, Kentucky

Lincoln Grade School

Greenville, Kentucky

- Greenville Middle School
- Muhlenberg North
- Longest

Hawesville, Kentucky

Hancock County High School

Henderson, Kentucky

Henderson County High School

Leopold, Indiana

Perry Central

Lincoln City, Indiana

Heritage Hills Schools

Luce, Indiana

Luce Elementary

Lynnville, Indiana

Lynnville Elementary School

Mackey, Indiana

Barton Township Elementary School

Milroy, Indiana

Milroy Elementary

Monticello, Kentucky

Monticello Independent

Morganfield, Kentucky

- Morganfield Elementary School
- Union County High School
- Union County Middle School



Other Educational Facility Projects

(continued)

Murray, Kentucky

Murray Middle Schools

New Albany, Indiana

• Fairmont Elementary

Newburgh, Indiana

Castle Elementary School Addition

Castle High School & Addition

Castle South Middle School

Castle Junior High School Addition

Castle High School Natatorium

North Vernon, Indiana

Jennings County Schools

Oakdale, Indiana

Oakdale Elementary School

Oakland City, Indiana

East Gibson Elementary School

Wood Memorial High

Orleans, Indiana

Orleans Jr/Sr High School

Owensboro, Kentucky

Burns Middle School Addition

Daviess County High School

Daviess County Junior High School

East End Junior High School

West End Junior High School

Highland Elementary School

Deer Park

Eastview

South Davies County Elementary

Princeton, Indiana

North Gibson High School

Poseyville, Indiana

North Posey Schools

Reo, Indiana

South Spencer Middle School

Rockport, Indiana

Rockport Elementary

Russell County, Kentucky

Jamestown

Russell Spring

Natatorium & Auditorium

Middle School

Russellville, Kentucky

High School Addition

Science Hill, Kentucky

Science Hill

Scipio, Indiana

Scipio Elementary School

Tennyson, Indiana

Tennyson Elementary School

Yankeetown, Indiana

Yankeetown School Addition



Project Experience

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E-mail: office@rbsdesigngroup.com

Paducah Tilghman High School





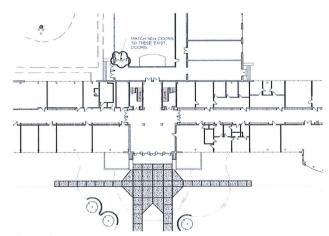
Exterior



Lobby



Lobby



Floor plan



Lobby





Paducah Tilghman High School





Satellite View



BEFORE - Lobby



AFTER - Lobby

Location:

Paducah, KY.

Description:

This is one of four facilities affected by Phase II renovations by the Paducah Board of Education. Paducah Tilghman High School's portion includes remodeling of the gym lobby to include new ceiling, light fixtures, paint, new interior doors, replacement of plaster ceiling and light fixtures at exterior porch, and resetting of sign letters at exterior; remodeling of auditorium lobby to include new drop ceiling, light fixtures, painting and interior doors; new ADA ramps, rails, concrete steps, and pole lights at the front of the building. Work also includes miscellaneous parking lot repairs, new 1" topping and new paint striping of all parking spaces at the rear of the building.

Construction Cost:

\$ 1,075,650.00 (to date - this facility only)

Year Completed:

Phase II (ongoing)

Owner:

Paducah Board of Education

Owner's Representative:

Dr. Randy J. Greene, Superintendent 800 Caldwell St., P.O. Box 2550 Paducah, KY 42003 (270) 444-5600

Contractor:

A & K Construction 100 Calloway Court Paducah, Kentucky 42001 (270) 441-7752



Frederick Fraize Middle / High School





New Entrance



Exterior - Classroom wing



Cafeteria



Clerestory Window



Regular Classroom



Floor plan

Frederick Fraize Middle / High School





Science Classrooms



Covered Awning



Secure Entrance

Location:

Cloverport, KY.

Description:

This multi-phased project involved the demolition of an 1890's wing and the construction of new middle school and high school classrooms, a science room, computer lab, band room, administrative suite, kitchen/cafeteria and renovation of the 1950's elementary wing. Phase I consisted of the administrative, classrooms and restrooms addition. Phase II was the cafeteria, kitchen and outdoor student classroom area.

Construction Cost:

\$ 3,259,711.33

Year Completed:

2010

Owner:

Cloverport Board of Education

Owner's Representative:

Dr. John Millay, Superintendent 214 W. Main Street, P.O. Box 37 Cloverport, KY. 40111 (270) 788-3910

General Contractor:

Hartz Construction Corporation 1855 Old Calhoun Road Owensboro, Kentucky 42301 (270) 926-6554

Murray Middle School



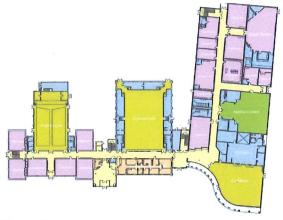
New Entrance



Gymnasium - AFTER



Lobby - AFTER



Floor plan



Gymnasium - BEFORE



Entrance / Lobby - BEFORE



Murray Middle School





Cafeteria



Administration



Media Center

Location:

Murray, KY.

Description:

This project consisted of new construction and remodeling of an educational facility over a 27 month, six-phase, program. The multiple phases included a new entrance and administrative suite, renovation to the existing school HVAC, restrooms and plumbing, a new addition with several core classrooms and a new media center and cafeteria. Upgrades to the athletic facilities included the gym, a new concessions stand and football stadium entrance. The owner's goals were to preserve the rich tradition and heritage of the school, yet create a newer looking facility with improved curb appeal and better facilities for the students, staff and community in this independent school district.

Construction Cost:

\$ 8,092,458.00

Year Completed:

2007

Owner:

Murray Board of Education

Owner's Representative:

Bob Rogers, Superintendent 208 South 13th Street Murray, Kentucky 42071

Contractor:

Pinnacle, Inc. 305 Popular Street P.O. Box 352 Benton, Kentucky 42025



Muhlenberg North Middle School





Exterior



Administrative Suite



Media Center



Lobby



Media Center Entrance



Muhlenberg North Middle School





Cafeteria



Trophy Case



Lobby

Location:

Greenville, KY.

Description:

The bold use of school colors and dramatic lines is used to reinforce the feeling of school pride and spirit created when entering this space. Bulkheads and lighting enhanced the easy location of different areas of the school, yet created an open and bright interior. This was a multi-phased project for the Muhlenberg County School System. Phase A consisted of a 43,000 square feet classroom addition and administrative wing. Phase B was the demolition of the existing classroom wing. Phase C was the addition of a 12,000 square feet kitchen/cafeteria, gymnasium, and lobby area. Phase D was the renovation of the existing kitchen/cafeteria into classroom areas. This project had an 18 month construction schedule.

Construction Cost:

\$ 7,225,000.00

Year Completed:

2000

Owner:

Muhlenberg County Board of Education

Owner's Representative:

Dale Todd, Superintendent 510 West Main Street Powderly, KY 42367

Construction Manager:

Venture Contracting, Inc. 100 South Broadway Glasgow, KY 42141



Monticello Middle / High School





Exterior



Original Building Memorial



Exterior – 1923 building before demolition



Lobby



Original Conceptual Rendering





Floor plan

Monticello Middle / High School





3-D Rendering



Gymnasium Floor



Concession Stand

Location:

Monticello, KY.

Description:

This was a multi-phased project consisting of the construction of a two-story addition of approximately 34,000 square feet and the demolition of the existing 1923 high school classroom building. The first phase constructed a two-story classroom building consisting of six classrooms per floor (12 total). Phase 2 was the demolition of the three-story 1923 classroom building. Phase 3 constructed a two-story classroom wing which connected the phase 1 construction to the remaining facilities on site. The Phase 3 addition consisted of an administration suite, 2 computer labs, 7 classrooms and 2 resource rooms. The project also included the renovation of the existing restrooms.

Construction Cost:

\$ 4,935,982.00

Year Completed:

2007

Owner:

Monticello Board of Education

Owner's Representative:

Donnie Robison, Superintendent 132 College Street Monticello, Kentucky 42633 (606) 348-5311

Construction Manager:

Venture Contracting, Inc. 100 South Broadway Glasgow, Kentucky 42141 (270) 651-1110

Salem Elementary School





Location:

Russell Springs, Kentucky

Description:

12,400 square feet addition / 7,600 s.f.

renovation

Construction Cost:

\$ 5,167,316.28

Year Completed:

2006

Owner:

Russell County Board of Education

Owner's Rep:

Kenny Pickett, Superintendent

404 South Main Street

Jamestown, Kentucky 42629

(270) 343-3191

Contractor:

Branscum Construction Company

Key Village Office Park

P.O. Box 559

Russell Springs, Kentucky 42642

(270) 866-5107





South Hancock Elementary School



New front addition



Red Hall / Cafeteria Entrance



Covered Entrance to School



Cafeteria Tile Pattern



Lobby / Secure Entrance



Cafeteria Side of Rear Addition / Exterior

South Hancock Elementary School





Star Hallway / Crayon Columns



New Restrooms



Floor Plan "As Built"

Location:

Hawesville, KY.

Description:

Phase I included a new 6,181 square feet rear addition to remodel existing kitchen, 2 classrooms, and cafeteria addition.

Phase II included a 2,415 square feet front addition for administrative offices and a Media Center.

Construction Cost:

\$ 3,170,690.36

Year Completed:

2009

Owner:

Hancock County Board of Education

Owner's Representative:

Scott Lewis, Superintendent 83 State Route 271 North Hawesville, Kentucky 42348 (270) 927-6914

Contractor:

Alliance Corporation P.O. Box 1480 Glasgow, KY. 42142-1480 (270) 651-8848

Joe Harrison Carter Elementary School ~ Addition/Renovation





Exterior





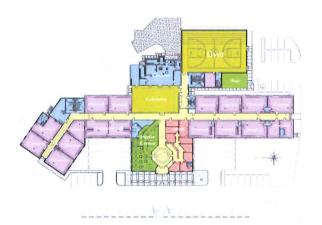
Restrooms



Secure Entrance



Cafeteria



Joe Harrison Carter Elementary School ~ Addition/Renovation



Classroom casework



Classroom casework / cubbies



Gymnasium

Location:

Tompkinsville, Kentucky

Description:

This phased renovation and addition project to the existing elementary school facility included the first operational Variable Refrigerant Volume (VRV) system in a K-12 facility in Kentucky.

Construction Cost:

\$5,023,396.75

Year Completed:

2007

Owner:

Monroe County Board of Education

Owner's Rep:

Lewis D. Carter, Superintendent P.O. Box 10 Tompkinsville, Kentucky 42167 (270) 487-5456

General Contractor:

Venture Contracting, Inc. P.O. Box 10 Glasgow, Kentucky 42142 (270) 651-1110



Eastern Elementary School RBS DESIGN GROUP





Location:

Glasgow, Kentucky

Description:

48,000 sq. ft. new construction and

10,000 sq. ft. renovations to school.

Construction Cost:

\$ 7,415,806.00

Year Completed:

2007

Owner:

Barren County Board of Education

Owner's Rep:

Dr. Jerry Ralston, Superintendent

202 Washington Street

Glasgow, Kentucky 42141

(270) 651-3787

Contractor:

Venture Contracting, Inc.

100 South Broadway

Glasgow, Kentucky 42141





Southern Elementary School – Addition / **Renovation**





Exterior



Media Center



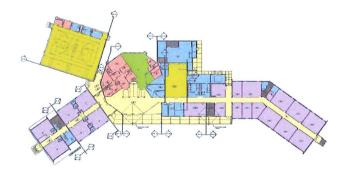
Crayon Column



Crayon Case



Lobby





Southern Elementary School – Addition / Renovation





Cafeteria



Gymnasium



Classroom

Location:

Beaver Dam, Kentucky

Description:

Phased construction (18 months), including addition of 20,280 square feet, remodeling of 18,550 square feet, and reroofing.

Construction Cost:

\$ 3,722,500.00

Year Completed:

2002

Owner:

Ohio County Board of Education

Owner's Rep:

Soretta Ralph, Superintendent 315 East Union Street Hartford, Kentucky 42347 (270) 298-3249

Contractor:

Alliance Corporation 116 East College Street Glasgow, Kentucky 42141 (270) 651-8848



Aerial View



HVAC Project Experience List



Barren County Schools

Austin Tracy Elementary School - Addition Renovations Park City Elementary School - Addition & Remodeling Barren County Middle School - HVAC Eastern Elementary School - Renovations Hiseville Elementary School - Renovations

Breckinridge County Schools

Breckinridge County Middle School HVAC Replacement

Hancock County Schools

Hancock County Middle School – HVAC / Remodeling South Hancock Elementary School – Addition

Metcalfe County Schools

Summer Shade HVAC replacement

Muhlenberg County Schools

Muhlenberg North Middle School - Addition/Renovation

Monroe County Schools

* Joe Harrison Carter Elementary Monroe County High School Lobby Monroe County Middle School Lobby

Murray Independent Schools

Murray Middle School

Ohio County Schools

Ohio County Middle School HVAC replacement Ohio County High School HVAC replacement Western Elementary School HVAC replacement

Owensboro Independent Schools

Foust Elementary HVAC replacement Owensboro Middle School HVAC replacement

Paducah Independent Schools

Clark Elementary Renovations Morgan Elementary Renovations

HVAC Project Experience List RBS DESIGN GROUP ARCHITECTURE



Ralph Bunche Community Center

HVAC Replacement

Russellville Independent Schools

Central Office HVAC replacement Russellville High School HVAC Replacement

Science Hill Independent School

Auditorium / Band room addition

Union County Fiscal Court

Union County Courthouse - Renovations / HVAC Replacement

Union County Schools

Union County High School – Renovations / HVAC Replacement

Webster County Schools

Dixon Elementary School - Renovation



Non-Collusion Affidavit

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RBS Design Group, PSC: (270) 683-1158 E-mail: office@rbsdesigngroup.com

KENTUCKY DEPARTMENT OF EDUCATION

DIVISION OF FACILITIES MANAGEMENT

NON-COLLUSION AFFIDAVIT

702 KAR 4:160

DECEMBER 2008

The undersigned agent, being duly sworn, states that neither he nor his company has any relationship (financial or through kinship) to:

- Any school board member or the superintendent;
- Any or all prime contractors or material suppliers when using the construction management method of construction.

The undersigned agent further states that he has not entered into any agreement or collusion with any person relative to the price bid by anyone nor has he attempted to induce anyone to refrain from bidding.

	<u> </u>		
1			
Architect or Engineer	Const	ruction Manager	
	Or	3	
ODS Design Course Aughitecture Vice Bresiden			
RBS Design Group Architecture, Vice Presiden Name of Company Title	t	Name of Company	Title
Subscribed and Sworn to Me this			
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Notary Seal



References

"Your partner in design from concept to completion!"

RBS Design Group, PSC Architecture: (270) 683-1158 E-mail: office@rbsdesigngroup.com

References



Paducah Independent Schools

Dr. Randy Greene, Superintendent 800 Caldwell St., P.O. Box 2550 Paducah, KY 42003 (270) 444-5600

Grayson County Schools

Barry Anderson, Superintendent 909 Brandenburg Rd., P.O. Box 4009 Leitchfield, KY 42754 (270) 259-4011

Union County Schools

Josh Powell, Superintendent 510 S. Mart Street Morganfield, KY 42437 (270) 389-1694

Dawson Springs Independent Schools

Alexis Seymore, Superintendent 118 E. Arcadia Avenue Dawson Springs, KY 42408 (270) 797-3811

Murray Independent Schools

Bob Rogers, Superintendent 208 South 13th Street Murray, KY 42071 (270)753-4363

Monroe County Schools

Lewis Carter, Superintendent 309 Emberton St., P.O. Box 10 Tompkinsville, KY 42167 (270) 487-5456

Hancock County Schools

Scott Lewis, Superintendent 83 State Route 271 North Hawesville, KY 42348 (270) 927-6914

Green River Regional Educational Cooperative

George Wilson, Associate Executive Director 230 Technology Way Bowling Green, KY 42101 (270) 563-2113



Summary

"Your partner in design from concept to completion!"

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Summary Statement



There are several reasons to choose our project team to complete the HVAC upgrades at the Henderson County High School:

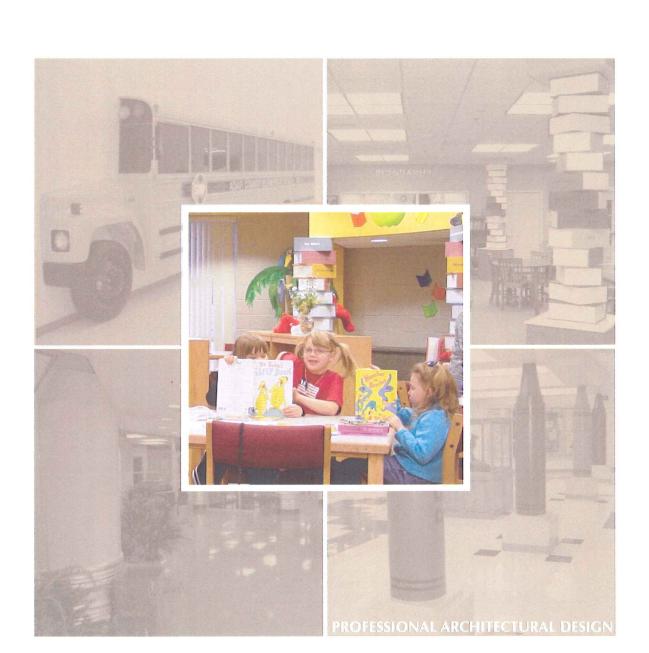
- RBS Design Group Architecture (RBS), WBW Engineering Inc., (WBW)
 and Wilkie Structural Engineering (Wilkie) have worked together on
 numerous educational projects This team will provide the Henderson County
 School Board with a proven design team that collaborates well and will work together
 toward this project's successful completion.
- 2. **32+ years of educational design experience in Kentucky** RBS has completed over 600 educational projects in our 32+ year history.
- 3. **RBS currently serves 12% of ALL the state's school districts** Our educational design experience can enhance this project.
- 4. **RBS has extensive renovation and new construction experience** Whether it's the latest in new construction, or a complicated multi-phase renovation, RBS can take care of your district's needs.
- WBW Engineering Inc. provides value engineering Having completed numerous HVAC renovation projects, WBW Engineering will utilize their engineering design experience to value engineer the HVAC system renovations at the Henderson County High School.
- 6. **RBS will provide the Henderson County School Board with great SERVICE** by being there from start to finish on your projects, keeping all of the stakeholders informed, and being on your job site (especially in construction phases) looking out for the district's best interests.
- RBS will bring the Henderson County School Board great VALUE in our
 construction systems and specifications, providing the best materials and products that can
 meet the parameters of your established budget and program needs for your proposed
 project.
- 8. RBS will provide the Henderson County School Board with INNOVATION

 RBS keeps up-to-date on innovative construction technology systems and implements the technologies we feel are in the best interest of our client's budget and facility program.

For all of the above stated reasons, we ask for the opportunity to continue serving the Henderson County School Board on this important HVAC renovation project. We look forward to hearing the board's decision and hope to continue serving as your Architect.

RBS DESIGN GROUP
ARCHITECTURE
Your partner in design from concept to completion.

723 Harvard Drive Owensboro, KY 42301- 3074 Phone:(270) 683-1158 • Fax: (270) 683-2446 www.rbsdesigngroup.com



Thank You!
On behalf of our firm
we appreciate the opportunity
to participate in this important
community project!