

Expression of Interest

23 February 2010

AGR1013

A New Office Building for GUS R. DOUGLASS AGRICULTURE CENTER PLANT INDUSTRIES DIVISION



Bastian & Harris, Architects
in association with

Scheeser Buckley Mayfield
Mechanical / Electrical / Plumbing Engineering

Steven Schaefer Associates
Structural Engineering

RECEIVED

2010 FEB 19 PM 4:11

WV PURCHASING
DIVISION

300 Summers Street, Suite 1200, Charleston, West Virginia 25301-1630

Phone: 304/342-2151 Fax: 304/342-2197 bastianandharris.com

Introduction

Firm Profiles

Resumes

Projects

References



23 February 2010

West Virginia Department of Agriculture
Administrative Services
Building 2, Room 106
4720 Brenda Lane
Charleston, WV 25312

RE: EOI # AGR1013
New Office Building
WV Department of Agriculture
Plant Industries Division

Evaluation Committee:

We are most pleased to submit our expression of interest for providing full architectural and engineering design services for the proposed new office building at the Gus R. Douglass Agriculture Center. Bastian & Harris, Architects has provided office space planning for numerous projects throughout West Virginia and the Kanawha Valley. Recent projects include several GSA tenant build-out spaces in Charleston, Hospice of West Virginia in Charleston, and several administrative office spaces for higher education and community colleges across West Virginia. Our personal attention to detail and problem solving approach to design has been demonstrated with a track record of providing quality architectural services on time, on budget, and with minimal change order. Our familiarity with construction methods and a common sense approach to solving Owner's needs is the cornerstone of our architectural philosophy.

Bastian & Harris, Architects will take the lead in providing these full architectural and engineering services for your project. We do not however do this alone, we would engage highly qualified consultants and consulting engineering firms to complete specific aspects of your project. Accordingly, we have chosen the following firms:

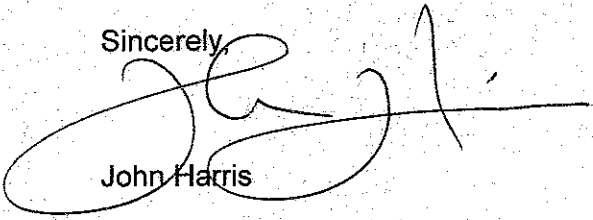
Mechanical / Electrical / Plumbing Engineering - Scheeser Buckley Mayfield, Inc.,
Uniontown, Ohio
Structural Engineering - Steven Schaefer Associates, Inc., Cincinnati, Ohio

For Mechanical / Electrical / Plumbing Engineering, we have included Scheeser Buckley Mayfield. SBM has worked with us on over 25 projects and brings a wealth of experience in office HVAC design. Their experience includes Medical Office Pavilion & Hospital Addition to Thomas Memorial Hospital, Medina County Ohio Courthouse Renovations & Addition, and New Judicial Centers in Raleigh, Greenbrier and Hampshire Counties. They also have the ability to provide technology infrastructure from in-house IT and Telecommunications Design Department. Experience includes LEED Certification should your facility choose to head in that direction.

For Structural Engineering, we have included Steven Schaefer Associates. Like our other consultants, they have worked with us on a variety of projects throughout West Virginia. These include not only educational structures but also health care, retail, and office buildings. With offices in both Cincinnati and Columbus, this 24-man firm provides us with economical structural solutions to even the most complex building design. Their understanding of local construction market and construction methods and materials helps to ensure that structural design remains on budget.

While we feel the enclosed information provides a good overview of our project experience, qualifications, and references, we would welcome being able to present in person our credentials and discuss how the team of Bastian & Harris, Architects can provide you with a quality project with both aesthetics, practicality, and energy efficiency.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Harris', with a long horizontal line extending to the right.

John Harris



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
AGR1013

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
RON PRICE
304-558-0492

VENDOR

JOHN HARRIS
BASTIAN & HARRIS ARCHITECTS
300 SUMMERS STREET SUITE 1200
CHARLESTON WV 25301

SHIP TO

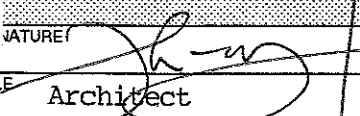
DEPARTMENT OF AGRICULTURE
ADMINISTRATIVE SERVICES
BUILDING 2, ROOM 106
4720 BRENDA LANE
CHARLESTON, WV
25312 **304-558-2221**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/21/2010				

BID OPENING DATE: **02/23/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
01	1	LS		906-07		
<p>DESIGN OF AN OFFICE BUILDING</p> <p>EXPRESSION OF INTEREST</p> <p>TO PROVIDE ARCHITECTURAL/ENGINEERING SERVICES FOR THE DESIGN OF A SIMPLIFIED OFFICE BUILDING PER THE ATTACHED.</p> <p>WRITTEN QUESTIONS WILL BE ACCEPTED UNTIL THE 4:30 PM ON FEBRUARY 2, 2010 AT THE FOLLOWING:</p> <p>RON PRICE PURCHASING DIVISION 2019 WASHINGTON STREET EAST CHARLESTON, WV FAX: 304-558-4115 EMAIL: RON.N.PRICE@WV.GOV</p> <p>NOTICE</p> <p>A SIGNED BID PLUS 3 CONVENIENCE COPIES MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE:  TELEPHONE: **304/342-2151** DATE: **23 February 2010**

TITLE: **Architect** FEIN: **55-076-5885** ADDRESS CHANGES TO BE NOTED ABOVE

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



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

Request for Quotation

RFQ NUMBER
AGR1013

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF
RON PRICE
304-558-0492

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DEPARTMENT OF AGRICULTURE
 ADMINISTRATIVE SERVICES
 BUILDING 2, ROOM 106
 4720 BRENDA LANE
 CHARLESTON, WV
 25312 304-558-2221

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/21/2010				

BID OPENING DATE: **02/23/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<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: RP-41</p> <p>RFQ. NO.: AGR1013</p> <p>BID OPENING DATE: 02/23/10</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304/342-2197</p> <p>-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): John M. Harris</p> <p>-----</p> <p>***** THIS IS THE END OF RFQ AGR1013 ***** TOTAL: _____</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304/342-2151	23 February 2010
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Architect	55-076-5885	

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

Revised July 28, 2009

EXPRESSION OF INTEREST

Office Building – Gus R. Douglass Agriculture Center
(Gus R. Douglass Lane, Charleston, WV)

AGR1013

Part 1 GENERAL INFORMATION

1.1 Purpose:

The Acquisition and Contract Administration Section of the Purchasing Division "State" is soliciting Expression(s) of Interest (EOI) for the WV Department of Agriculture, Plant Industries Division, from qualified firms to provide architectural/engineering services as defined in section two (2) and three (3).

1.2 Project:

The mission or purpose of the project described in sections 2 & 3 is to provide (1) Design of simplified office building, (2) construction cost estimates, and (3) preparation of construction bid specifications (including site preparation). It is expected at least 5 full-time staff will utilize these offices as well as several part time and/or temporary staff, who will be conducting surveys and working with cooperative agreements. In addition, construction will offer much-needed storage space.

1.3 Format: N/A

1.4 Inquiries:

Additional information inquiries regarding this EOI must be submitted in writing to the State Buyer with the exception of questions regarding proposal submission, which may be oral. The deadline for written inquiries is identified in the Schedule of Events, Section 1.16. All inquiries of specification clarification must be addressed to:

Ron Price
Purchasing Division
P.O. Box 50130
Charleston, WV 25305-0130
Fax: (304) 558-4115

The firm, or anyone on the firm's behalf, is not permitted to make any contact whatsoever with any member of the evaluation committee. Violation may result in rejection of the EOI. The State Buyer named above is the sole contact for any and all inquiries after this EOI has been released.

1.5

Vendor Registration:

Firms participating in this process should complete and file a **Vendor Registration and Disclosure Statement** (Form WV-1) and remit the registration fee. Firm is not required to be a registered vendor in order to submit an EOI, but the **successful firm must** register and pay the fee prior to the issuance of an actual contract.

1.6

Oral Statements and Commitments:

Firm must clearly understand that any verbal representations made or assumed to be made during any oral discussions held between firm's representatives and any State personnel are **not** binding. Only the information issued in writing and added to the Expression of Interest specifications file by an official written addendum is binding.

1.7

Economy of Preparation:

EOI's should be prepared simply and economically, providing a straightforward, concise description of firm's abilities to satisfy the requirements of the EOI. Emphasis should be placed on completeness and clarity of content.

1.8

Labeling of the Sections: The response sections should be labeled for ease of evaluation.

1.9

Submission:

1.9.1 State law requires that the original expression shall be submitted to the Purchasing Division. All copies to the Purchasing Division must be submitted **prior** to the date and time stipulated as the opening date. All expressions will be date and time stamped on the Purchasing Division official time clock to verify time and date of receipt.

1.9.2 Firms mailing expressions should allow sufficient time for mail delivery to ensure timely arrival. The Purchasing Division **CANNOT** waive or excuse late receipt of an expression which is delayed and late for any reason according West Virginia State Code §5A-3-11. Any EOI received after the bid opening time and date will be immediately disqualified in accordance with State law and the Legislative Rule 148-CSR-1.

Submit:

One original plus (3) convenience copies to:
Purchasing Division
2019 Washington Street, East
P.O. Box 50130
Charleston, WV 25305-0130

The outside of the envelope or package(s) should be clearly marked:

Buyer: Ron Price
 Req#: **AGR1013**
 Opening Date: TBD 02/23/10
 Opening Time: TBD 1:30 P.M.

1.10 Rejection of Expressions:

The State shall select the best value solution according to §5G-1-3 of the West Virginia State Code. However, the State reserves the right to accept or reject any or all expressions and to reserve the right to withdraw this Expression of Interest at any time and for any reason. Submission of, or receipt by the State of Expressions confers no rights upon the firm nor obligates the State in any manner.

1.11 Incurring Costs:

The State and any of its employees or officers shall not be held liable for any expenses incurred by any firm responding to this EOI for expenses to prepare, deliver, or to attend the short-list interviews.

1.12 Addenda:

If it becomes necessary to revise any part of this EOI, an official written addendum will be issued by the State to all potential firms of record.

1.13 Independent Price Determination:

A contract will not be considered for award if the negotiated price was not arrived at independently without collusion, consultation, communication, or agreement as to any matter relating to prices with any competitor.

1.14 Price Quotations: No "price" or "fee" quotation is requested or permitted in the response.

1.15 Public Record:

1.15.1 Submissions are Public Record.

All documents submitted to the State Purchasing Division related to purchase orders/contracts are considered public records. All EOI's submitted by firms shall become public information and are available for inspection during normal official business hours in the Purchasing Division Records and Distribution center after the expressions have been opened.

1.15.2 Written Release of Information.

All public information may be released with or without a Freedom of Information request, however, only a written request will be acted upon with duplication fees paid in advance. Duplication fees shall apply to all requests for copies of any document. Currently the fees are \$0.50/page, or a minimum of \$10.00 per

request, which ever is greater.

1.15.3 *Risk of Disclosure.*

The only exemptions to disclosure of information are listed in West Virginia Code §29B-1-4. Primarily, only trade secrets as submitted by a firm are the only exemption to public disclosure. The submission of any information to the State by a firm puts the risk of disclosure on the firm. The submission of any information to the State by a vendor puts the risk of disclosure on the vendor. The State does not guarantee non-disclosure of any information to the public.

1.16 **Schedule of Events:**

Release of the EOI.....	<u>01/22/10</u>
Firm's Written Questions Submission Deadline.	<u>02/02/10</u>
Expressions of Interest Opening Date.....	<u>02/23/10</u>
Approximate Short Listing Due Date	To be determined
Estimated Date for Interviews.....	To be determined
Final Ranking Due Date.....	To be determined
Approximate Award date.....	To be determined

1.17 **Mandatory Prebid Conference:**

1.18 **Bond Requirements:**

1.19 **Purchasing Affidavit:**

West Virginia State Code §5A-3-10a (3) (d) requires that all firms submit an Affidavit regarding any debt owed to the State and licensing and confidentiality certifications. The Affidavit **must** be signed and submitted prior to award. It is preferred that the Affidavit be submitted with the EOI.

PART 2 OPERATING ENVIRONMENT

2.1 **Location:** Agency is located at Gus R. Douglass Lane, Charleston, WV 25312.

2.2 **Background:** Requesting architectural and engineering services to include, but not limited to blueprints, drawings, and written specifications for construction of 2-story office building.

The proposed structure is preferred to be a two-story with five offices for full-time staff, two restrooms, a conference room with audio/visual accommodations, kitchenette, document center, and reception area on the second floor. The lower level/first floor will provide storage along with space for utilities and IT equipment, with the possibility of offices in the future if deemed necessary.

Second-level office space will be utilized for full-time employees and supervision of part time or temporary staff needed to carry out plant protection/quarantine and survey activities as well as storage for survey equipment and supplies.

PART 3 PROCUREMENT SPECIFICATIONS

3.1 **General Requirements:** The minimum design criteria and required elements of the facility are detailed in section 3.2

3.2 **Project Description:** Construction of two-story office building. The architect selected as a result of this Expression of Interest shall design a facility with sufficient space to house new offices and storage space for staff working with cooperative agreement programs for the WVDA.

The following are the minimum design requirements:

- Approximately 4,096 sq. ft. of space on two (2) levels for the main and second floor office facility, with a suggested division of space:
 - Office space for both administrative and survey personnel.
 - Reception area for receiving all visitors to the facility
 - One (1) conference room to be shared by WVDA and USDA staff working on cooperative programs.
 - One (1) small lunch room.
 - Controlled climate storage area(s).
 - Small laboratory space for various plant/pest diagnostic/screening activities.
 - Adequate storage space for laboratory supplies, testing materials, spare equipment, emergency response supplies, etc.
 - Adequate parking for building personnel and visitors to the facility.
- Due to physical space limitations, the building may not be larger than 66x34. The site selected for the building is noted on the map of the Gus R. Douglass Agricultural Center in Attachment 1.

3.3 **Special Terms and Conditions:**

3.3.1 *Bid and Performance Bonds:* N/A

3.3.2 *Insurance Requirements:* \$1,000,000 General Liability per Occurrence
 \$2,000,000 Aggregate
 \$1,000,000 Automobile Liability
 \$1,000,000 Professional Liability

Workers Compensation Certificate upon award
 West Virginia Statutory requirements including
 West Virginia Code §23-4-2 (Mandolidis)

3.4 **General Terms and Conditions:**

By signing and submitting the EOI, the successful firm agrees to be bound by all the terms contained in Section Three (3) of this EOI.

3.4.1 *Conflict of Interest:*

Firm affirms that it, its officers or members or employees presently have no interest and shall not acquire any interest, direct or indirect which would conflict or compromise in any manner or degree with the performance or its services hereunder. The firm further covenants that in the performance of the contract, the firm shall periodically inquire of its officers, members and employees concerning such interests. Any such interests discovered shall be promptly presented in detail to the Agency.

3.4.2 *Prohibition Against Gratuities:*

Firm warrants that it has not employed any company or person other than a bona fide employee working solely for the firm or a company regularly employed as its marketing agent to solicit or secure the contract and that it has not paid or agreed to pay any company or person any fee, commission, percentage, brokerage fee, gifts or any other consideration contingent upon or resulting from the award of the contract. For breach or violation of this warranty, the State shall have the right to annul this contract without liability at its discretion, and/or to pursue any other remedies available under this contract or by law.

3.4.3 *Certifications Related to Lobbying:*

Firm certifies that no federal appropriated funds have been paid or will be paid, by or on behalf of the company or an employee thereof, to any person for purposes of influencing or attempting to influence an officer or employee of any Federal entity, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement.

If any funds other than federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee or any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the firm shall complete and submit a disclosure form to report the lobbying.

Firm agrees that this language of certification shall be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this contract was made and entered into.

3.4.4 Vendor Relationship:

The relationship of the firm to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by the parties to this contract. The firm as an independent contractor is solely liable for the acts and omissions of its employees and agents.

Firm shall be responsible for selecting, supervising and compensating all individuals employed pursuant to the terms of this EOI and resulting contract. Neither the firm nor any employees or contractors of the firm shall be deemed to be employees of the State for any purposes whatsoever.

The Firm shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension or other deferred compensation plans, including but not limited to Workers' Compensation and Social Security obligations, and licensing fees, etc. and the filing of all necessary documents, forms and returns pertinent to all of the foregoing.

The Firm shall hold harmless the State, and shall provide the State and Agency with a defense against all claims including but not limited to the foregoing payments, withholdings, contributions, taxes, social security taxes and employer income tax returns.

The firm shall not assign, convey, transfer or delegate any of its responsibilities and obligations under this contract to any person, corporation, partnership, association or entity without expressed written consent of the Agency.

3.4.5 Indemnification:

The firm agrees to indemnify, defend and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person or firm performing or supplying services, materials or supplies in connection with the performance of the contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the firm, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use or disposition of

any data used under the contract in a manner not authorized by the contract, or by Federal or State statutes or regulations; (3) Any failure of the firm, its officers, employees or subcontractors to observe State and Federal laws, including but not limited to labor and wage laws.

3.4.6 Contract Provisions:

After the most qualified firm is identified, and fee negotiations are concluded, a formal contract document will be executed between the State and the firm. The order of precedence is the contract, the EOI and the firm's response to the EOI.

3.4.7 Governing Law:

This contract shall be governed by the laws of the State of West Virginia. The firm further agrees to comply with the Civil Rights Act of 1964 and all other applicable laws (Federal, State or Local Government) regulations.

3.4.8 Compliance with Laws and Regulations:

The firm shall procure all necessary permits and licenses to comply with all applicable laws, Federal, State or municipal, along with all regulations, and ordinances of any regulating body.

The firm shall pay any applicable sales, use, or personal property taxes arising out of this contract and the transactions contemplated thereby. Any other taxes levied upon this contract, the transaction, or the equipment, or services delivered pursuant here to shall be borne by the contractor. It is clearly understood that the State of West Virginia is exempt from any taxes regarding performance of the scope of work of this contract.

3.4.9 Subcontracts/Joint Ventures:

The State will consider the firm to be the sole point of contact with regard to all contractual matters. The firm may, with the prior written consent of the State, enter into written subcontracts for performance of work under this contract; however, the firm is totally responsible for payment of all subcontractors.

3.4.10 Term of Contract:

This contract will be effective (date set upon award) and shall extend until the scope of work is complete or for one (1) consecutive twelve (12) month period. The contract may be renewed upon mutual consent for two (2) consecutive years one (1) year periods or until such reasonable time as may be necessary to obtain a new contract or to complete work.

3.4.11 Non-Appropriation of Funds:

If the Agency is not allotted funds in any succeeding fiscal year for the continued use of the service covered by this contract by the West Virginia Legislature, the Agency may terminate the contract at the end of the affected current fiscal period

without further charge or penalty. The Agency shall give the firm written notice of such non-allocation of funds as soon as possible after the Agency receives notice. No penalty shall accrue to the Agency in the event this provision is exercised.

3.4.12 Contract Termination:

The State may terminate any contract resulting from this EOI immediately at any time the firm fails to carry out its responsibilities or to make substantial progress under the terms of this EOI and resulting contract. The State shall provide the firm with advance notice of performance conditions, which are endangering the contract's continuation. If after such notice the firm fails to remedy the conditions contained in the notice, within the time contained in the notice, the State shall issue the firm an order to cease and desist all work immediately.

The State shall be obligated only for services rendered and accepted prior to the date of the notice of termination. The contract may also be terminated upon mutual agreement of the parties with thirty (30) days prior notice.

3.4.13 Changes:

If changes to the original contract become necessary, a formal contract change order will be required. Prior to any work being performed, the change must be negotiated and approved by the State, the Agency and the firm. An approved contract change order is defined as one approved by the Purchasing Division and approved as to form by the West Virginia Attorney General's Office prior to the effective date of such amendment. **NO CHANGE SHALL BE IMPLEMENTED BY THE FIRM UNTIL THE FIRM RECEIVES AN APPROVED WRITTEN CHANGE ORDER.**

3.4.14 Invoices, Progress Payments, & Retainage:

The Firm shall submit invoices, in arrears, to the Agency at the address on the face of the purchase order labeled "Invoice To" pursuant to the terms of the contract. Progress payments may be made at the option of the Agency based on percentage of work completed if so defined in the final contract. Any provision for progress payments must also include language for a minimum 10% retainage until the final deliverable is accepted.

If progress payments are permitted, firm is required to identify points in the work plan at which compensation would be appropriate. Progress reports must be submitted to Agency with the invoice detailing progress completed or any deliverables identified. Payment will be made only upon approval of acceptable progress or deliverables as documented in the firm's report. Invoices may not be submitted more than once monthly and State law forbids payment of invoices prior to receipt of services.

3.4.15 *Liquidated Damages:* N/A

3.4.16 *Record Retention (Access & Confidentiality):*

Firm shall comply with all applicable Federal and State of West Virginia rules and regulations, and requirements governing the maintenance of documentation to verify any cost of services or commodities rendered under this contract by the firm. The firm shall maintain such records a minimum of five (5) years and make available all records to Agency personnel at firm's location during normal business hours upon written request by Agency within 10 days after receipt of the request.

Firm shall have access to private and confidential data maintained by Agency to the extent required for firm to carry out the duties and responsibilities defined in this contract. Firm agrees to maintain confidentiality and security of the data made available and shall indemnify and hold harmless the State and Agency against any and all claims brought by any party attributed to actions of breach of confidentiality by the firm, subcontractors, or individuals permitted access by the firm.

PART 4

EVALUATION & AWARD

4.1 Evaluation and Award Process:

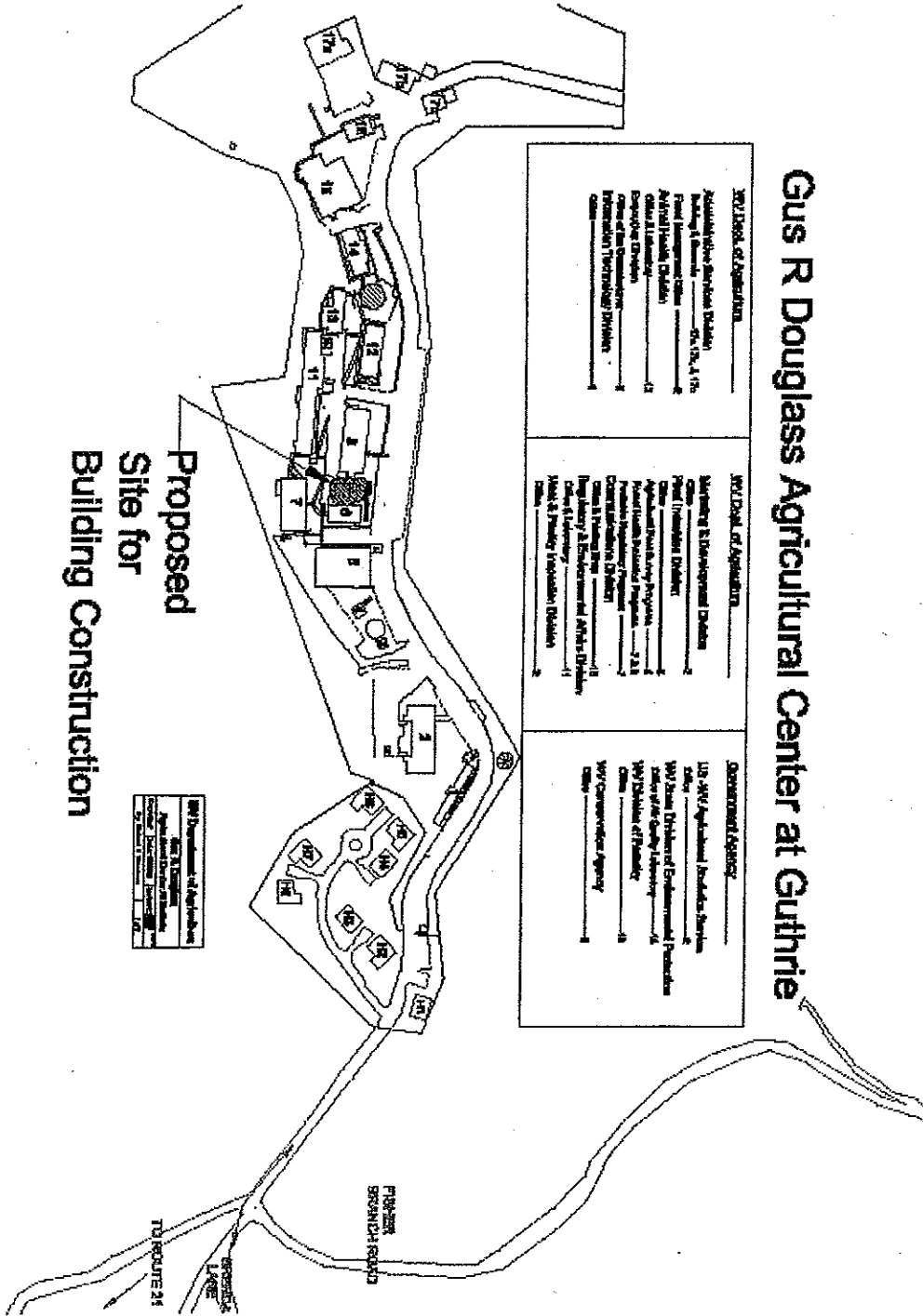
- a) Expressions of Interest will be evaluated and awarded in accordance with **§5G-1-3 "Contracts for architectural and engineering services; selection process where total project costs are estimated to cost two hundred fifty thousand dollars or more."**

"In the procurement of architectural and engineering services for projects estimated to cost two hundred and fifty thousand dollars or more the director of purchasing shall encourage such firms engaged in the lawful practice of the profession to submit an expression of interest, which shall include a statement of qualifications, and performance data and may include anticipated concepts and proposed methods of approach to the project. All such jobs shall be announced by public notice published as a Class II legal advertisement in compliance with the provisions of article three [§59-3-1et seq.] A committee comprised of three to five representatives of the agency initiating the request shall evaluate the statements of qualifications and performance data and other material submitted by the interested firms and select three firms which in their opinion are the best qualified to perform the desired service. Interviews with each firm selected shall be conducted and the committee shall conduct discussions regarding anticipated concepts and the proposed

methods of approach to the assignment. The committee shall then rank in order of preference no less than three professional firms deemed to be the most highly qualified to provide the services required, and shall commence scope of service and price negotiations with the highest qualified professional firm for architectural or engineering services or both. Should the agency be unable to negotiate a satisfactory contract with the professional firm considered to be the most qualified, at a fee determined to be fair and reasonable, price negotiations with the firm of second choice shall commence. Failing accord with the second most qualified professional firm, the committee shall undertake price negotiations with the third most qualified professional firm. Should the agency be unable to negotiate a satisfactory contract with any of the selected professional firms, it shall select additional professional firms in order of their competence and qualifications and it shall continue negotiations in accordance with this section until an agreement is reached."

- b) The evaluation criteria and assigned point values are as follows:
A 100-point scoring system will be used to evaluate all proposals submitted in response to this EOI. An evaluation committee will be developed to review responses and evaluation will be based on the experience and qualifications of the respondent, along with a presentation and oral interview to the evaluation committee. The three components of the evaluation criteria are weighted as follows:
- i. Experience of architect/firm in design of facilities of this nature (50 points)
 - ii. Qualifications of architect/firm to design facilities of this nature (40 points)
 - iii. Presentation/oral interview in accordance with section 4.1.a (above) (10 points)

Attachment 1
Map of Gus R. Douglass Agricultural Center showing location of new building



Gus R Douglass Agricultural Center at Guthrie

NOV. DEPT. OF AGRICULTURE Agriculture Administration Division Building & Construction Section Farm Management Section Crops & Livestock Division Extension Division Office of the State Director Extension Administration Division Office	NOV. DEPT. OF AGRICULTURE Marketing & Development Division Food Inspection Division Plant Inspection Division Agricultural Production Programs Agricultural Extension Programs Crops & Livestock Division Farm Safety & Environmental Affairs Division Office of Inspection Food & Product Inspection Division Office	Government Agency US - NVI Agricultural Facilities Section Office 1972 Bureau of Environmental Protection National Quality Agency 1972 Division of Product Office NVI Cooperative Agency Office
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STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Bastian & Harris, Architects

Authorized Signature: [Signature] Date: 23 February 2010

State of West Virginia

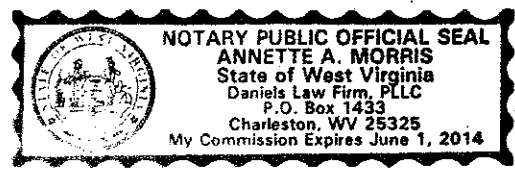
County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 23rd day of February, 2010.

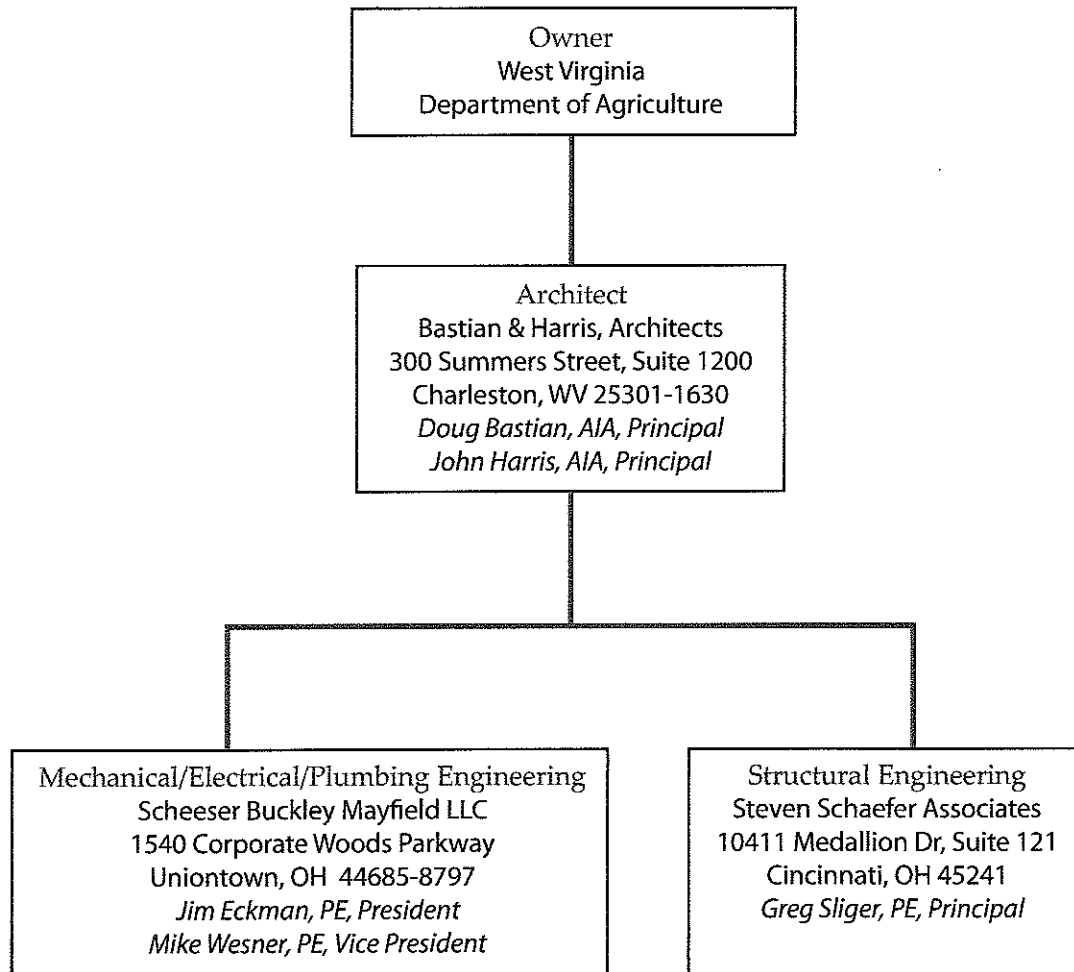
My Commission expires June 1, 2010.

AFFIX SEAL HERE

NOTARY PUBLIC Annette A. Morris



Organizational Chart



Organizational Chart



Bastian & Harris, Architects

Firm Profile

The firm of Bastian & Harris, Architects was established in 1999 by Doug Bastian, AIA and John Harris, AIA. For 27 years, Doug and John worked for the firm of Clint Bryan & Associates in Charleston. During their tenure with this architectural firm, Doug and John participated in the production of a wide variety of projects ranging from higher education, primary and secondary education, health care, churches, commercial office space, retail, recreational, and custom residential. Through this association, they gained valuable experience in all phases of the design and construction process. Their technical expertise in the production of detailed construction documents and hands on approach to contract administration has gained them respect among the construction industry with a reputation for minimal change orders. This practical experience contributes to their ability to match owner's functional needs with economical and constructible design solutions. Detailed cost estimating from conceptual phase through construction documents has led to an excellent track record of delivering projects on time and in budget.

Bastian & Harris offers full service architectural designs to their clients while remaining small and personal. This four man firm, consisting of three registered architects and one associate, can produce projects of various sizes and complexities. By utilizing independent mechanical, electrical and structural engineering consultants as needed, the firm capitalizes on a wide range of technical expertise and support. When specific projects require special expertise, we will call upon specialized architectural design firms or other design consultants and utilize the knowledge and experience of nationally recognized professionals within a specific discipline. This allows them to build a design team specifically geared to the clients individual goals and objectives.

From early project development through programming, budget, design, technical drawings, specifications, and contract administration, a project is handled by the same key individuals. This continuity of personnel from inception to completion results in smooth communication between owner and all members of the project team. This helps to ensure quality control throughout the project and effectively translate owner's original project goals into a successful and complete project.

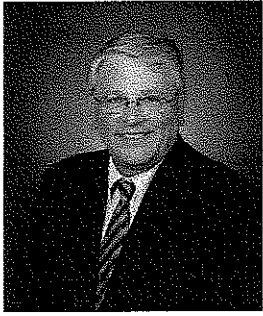
Recent projects include a 500-bed Student Housing and Dining Facility Complex for Marshall University, new Banquet Facility, Training, Educational, and Conference Center Addition at Caperton Center, new offices for Hospice, the new facility for Eastern West Virginia Community & Technical College, and Virginia Thomas Law Center for the Performing Arts at West Virginia Wesleyan College. Current projects include Marshall Community & Technical College and a new readiness center for the West Virginia Army National Guard.

Doug and John are committed to providing a high level of professional service with personal attention to detail. It is this reputation that has helped to establish them within the architectural and construction community. They look forward to serving your design needs and appreciate the opportunity to be part of your project.

Bastian & Harris, Architects
300 Summers Street, Suite 1200
Charleston, WV 25301-1630
304/342-2151 (o) 304/342-2197 (f)
bastianandharris.com

Firm Profile





Doug Bastian, AIA, NCARB

Doug Bastian, AIA, Principal, is a registered architect, licensed since 1988 to practice architecture and has over 40 years experience within the building industry. Doug participated in the production of numerous projects. He continues to focus on design, estimating, construction documents, and construction administration aspects of projects.

Education

Bachelor of Science in Architectural Technology
West Virginia State University – 1968

Registration/License

Licensed in West Virginia 1988
Certification by National Council of Architectural Registration

Affiliations

American Institute of Architects
AIA West Virginia
US Green Building Council

Project Experience

Marshall University
Student Housing and Dining Facility Complex
Renovations to Holderby Hall
Enhancements to Caperton Center (Tamarack)
Eastern WV Community & Technical College
Classroom / Laboratory / General Support Building
Tri-County YMCA Natatorium and Wellness Center
Blessed Sacrament Church Parish Hall
Ayash Sport Center
Corporate Office for Go-Mart
Kanawha County Schools
Horace Mann Middle School Renovations
Grandview Elementary School Addition
Garnet Adult Center Renovations
New Windows & Masonry Repairs at Clendenin Elementary
Dupont Middle School HVAC Renovations
Auditorium Renovations at Five Area High Schools
Library/Computer Lab Addition and Fire Code Corrections to Point
Harmony Elementary School
Renovations and HVAC Upgrades to Horace Mann Middle, Dupont
Middle, and Chesapeake Elementary
Renovations to Shawnee Community Education Center
Renovations and HVAC Upgrades to Stonewall Jackson Middle School
Herman Eye Center New Office Building
Addition and Renovations to Comfort Inn
Bible Center Church Master Plan
Cross Lanes United Methodist Church New Fellowship Hall
Calvary United Methodist Church Addition and Renovations
West Virginia Wesleyan College
Virginia Thomas Law Center for the Performing Arts



John Harris, AIA, NCARB

John Harris, AIA, Principal, is a registered architect, licensed since 1982 to practice architecture. In 1972, John joined the firm of Clint Bryan & Associates. While there, John worked with and assisted in the production of a wide variety of projects. responsibilities include overall project development, design, construction documents, and construction administration. After forming Bastian & Harris, Architects in 1999 with Doug Bastian, role has expanded to include responsible for project management and marketing.

Resume

Education

Bachelor of Science in Architectural Technology *Summa Cum Laude*
West Virginia State University – 1973

Registration/License

Licensed in West Virginia 1982 – Virginia 2002
Certification by National Council of Architectural Registration Boards

Affiliations

American Institute of Architects; AIA West Virginia, Board of Directors 1983-85 and 2005-Present, VP
President Elect 2010; AIA West Virginia Scholarship Committee; Council of Education Facilities
Planners; USGreen Building Council; WV Contractors Association

Project Experience

Marshall University

Student Housing and Dining Facility Complex
Memorial Student Center Lobby Renovations
Mid Ohio Valley Center
Renovations to Holderby Hall
Renovations to Harris Hall
Renovations to Buskirk Hall
Graduate College Renovations
Housing / Wellness Center

Eastern West Virginia Community & Technical College

Classroom / Laboratory / General Support Building

Kanawha County Schools

Ruffner Elementary - Addition and Renovations
Overbrook Elementary - Addition and Renovations
Alban / Andrews Heights / Anne Bailey Elementary - Additions and Renovations
Central Elementary - Addition
Horace Mann Middle School Renovations

West Virginia Wesleyan College

Virginia Thomas Law Center for the Performing Arts

Marshall Community & Technical College

Moses Automotive Factory Outlet
Hospice Administrative Office Building
Pleasant Valley Hospital - Emergency Services, Radiology & Laboratory Renovations
Addition and Renovations to Bible Center Church
Mountaineer Imaging Center
Law Office of Kesner, Kesner & Bramble
BB&T Lobby Renovations
Hampton Inn Addition and Renovations





Chris Campbell, AIA, NCARB, LEED AP

Chris Campbell, AIA, is a registered architect and licensed since 2000. In 1996, Chris was employed as a project architect with Williamson Shriver, Architects and was responsible for design, project development, and contract documents with an emphasis on public K-12 educational facilities. Activities included design, technical coordination with consultants, CADD drafting, specification preparation, project reviews with various state agencies, bidding process, and coordination with construction staff. In May 2006, Chris joined the firm of Bastian & Harris, Architects. Responsibilities include overall project development, design, construction documents, bidding, and construction administration.

Resume

Education

Bachelor of Architecture
University of Tennessee - 1996

Registration/License

Licensed in West Virginia - 2000
Certification by National Council of Architectural Registration Boards

Affiliations

American Institute of Architects
West Virginia Chapter of the American Institute of Architects
US Green Building Council

Professional Service

AIA WV Chapter President - 2006 to 2007
AIA WV Executive Committee - 2001 to present
Intern Development Program State IDP Coordinator - 2000 to 2005

Project Experience with Williamson Shriver, Architects

University High School - 217,000 sf new facility
Mylan Park and Skyview Elementary Schools - two 80,000 sf facilities
Philip Barbour High School - 169,000 sf addition and renovation
Erma Byrd Art Gallery, University of Charleston - renovation into new art gallery
Jefferson County Middle School - 88,000 sf new facility
Berkeley Springs High School - 114,000 sf addition and renovation
Ram Stadium, Shepherd College - 2100 seat new facilities /support buildings
Princeton Primary School - 56,600 sf new facility

Project Experience with Bastian & Harris, Architects

Overbrook Elementary School Addition and Renovation
Eastern West Virginia Community and Technical College New Classroom / Laboratory /
Support Building
West Virginia Wesleyan College
Virginia Thomas Law Center for the Performing Arts
Hospice Administrative Office Building
Kanawha County Schools - Auditorium Renovations at Five Area High Schools
BB&T Tenant Build-Outs - General Services Administration
9th Floor
14th Floor
Spring Hill Baptist Church
Buckhannon Toyota





Ben Ashley, Assoc. AIA, CDT

Ben Ashley worked as an intern during the summers of 2004 and 2006 for the West Virginia School Building Authority. He worked for Bastian & Harris, Architects during the summer of 2007 and then joined the firm full time in July 2008. Responsibilities include overall project development, design, construction documents, bidding, and construction administration.

Resume

Education

Bachelor of Architecture
University of Tennessee - 2008

Registration/License

Construction Specification Institute -
Construction Document Technologist Certificate

Affiliations

American Institute of Architects - Associate Member
West Virginia Chapter of the American Institute of Architects - Associate Member
Member of the National Trust for Historic Preservation

Collegiate Awards

Finalist for Bronze Medal - Top Senior Studio Project 2008
Vertical Agriculture: Visualizing Sustainability
Building Wealth: Low Income Residential Community Competition Winner
City of Clarksville, Tennessee
Mary James Park Entrance Design Competition Winner
City of Knoxville, Tennessee

Project Experience

4th Avenue Financial
BB&T - 9th Floor Tenant Build-Out
BB&T - 14th Floor Tenant Build-Out
Bailey & Glasser
Buckhannon Toyota
Daniels Residence
Hospice - Lewisburg
Hospice - Charleston
Hospice - Kanawha City
Halloran Residence
Hosaflook Residence
KCS - Auditorium Renovations at George Washington, Herbert Hoover, Nitro, Sissonville and
South Charleston High Schools
KCS - Overbrook Elementary
Lee Residence
Marshall University Community & Technical College
Wallace Residence
West Virginia Wesleyan College
Virginia Thomas Law Center for the Performing Arts
Buckhannon Toyota



Projects

Higher Education

West Virginia Wesleyan College
Virginia Thomas Law Center for the
Performing Arts

Marshall University
Student Housing Complex
Harris Hall Elevator and Emergency
Generator Addition
Renovations to Holderby Hall
Renovations to Buskirk Hall
Renovations to Memorial Student Center
Housing / Wellness Center
6th Avenue Parking
Mid-Ohio Valley Center
Art Department Renovations
3rd Avenue Parking Garage
(Criteria Developer)
Corbly Hall Structural Repairs and Roof
Replacement
Twin Towers Elevator Replacement

Marshall University Graduate College
Marshall Community & Technical College
Fairmont State College Wallman Hall
Glennville State College
Physical Education Building Elevator
Addition
Physical Education Building Roof
Replacement
Fine Arts Building Roof Replacement

Eastern WV Community and Technical College
Classroom / Laboratory / General
Support Building
Distance Learning Classrooms

Robert C. Byrd Institute - Bridgeport
Flexible Manufacturing and
Administrative Offices

Secondary Education

Kanawha County Schools - Renovations:
Central Office
Multiple School Auditoriums
Horace Mann Middle School
George Washington High School
Shawnee Community Education Center
Bridgeview Structural Repairs and Window and
Door Replacement

Kanawha County Schools - Additions:
Ben Franklin Career Center Renovation
Carver Career Center Renovation
Point Harmony Elementary
Grandview Elementary
Alban Elementary
Andrews Heights Elementary
Anne Bailey Elementary
Central Elementary
Overbrook Elementary
Ruffner Elementary
Horace Mann Middle School
McKinley Middle School
Garnet Adult Center
Point Harmony IMC / Computer Lab

Kanawha County Schools - Renovations and HVAC
Upgrades:
Horace Mann Middle, Dupont Middle, and
Chesapeake Elementary Schools
Stonewall Jackson Middle School

Kanawha County Schools - Window Replacement:
Dunbar Middle School
McKinley Middle
Horace Mann Middle School
Clendenin Elementary School

Projects

Commercial

Enhancements to Caperton Center (Tamarack)
South Hills Shopping Center Renovations
Holiday Inn Renovations - Civic Center
Buckhannon Toyota
Moses Automotive
 Factory Outlet - Southridge
 Factory Outlet - Teays Valley
 BMW Renovations
 Honda / Volkswagen Dealership
Joe Holland Chevrolet
Renovations to Bert Wolfe Ford / Toyota
Renovations to Beckley Toyota
Kanawha County Public Library - Charleston Branch
Kanawha County Public Library - Clendenin Branch
Renovations to Dunbar Public Library
Renovations to St. Albans Public Library
Charleston Acoustics Building Renovations
Ridgeline Development
Southridge Center Development
Soaring Eagle Lodge - Snowshoe
Ayash Development - St. Albans
Comfort Inn Addition and Renovations
Hampton Inn Addition and Renovations
Ramada Inn Renovations

Professional Offices

Kesner, Kesner & Bramble Law Office
New England Financial Renovations
Pleasant Valley Hospital Wellness Center
Go-Mart Office Building
beBetter Networks
Trans Allegheny Building Renovations
Herman Eye Center
Bailey & Glasser
Ranson Law Office Renovations
Robinson McElwee - Clarksburg
United States General Services Administration
 Office Renovations

Banking

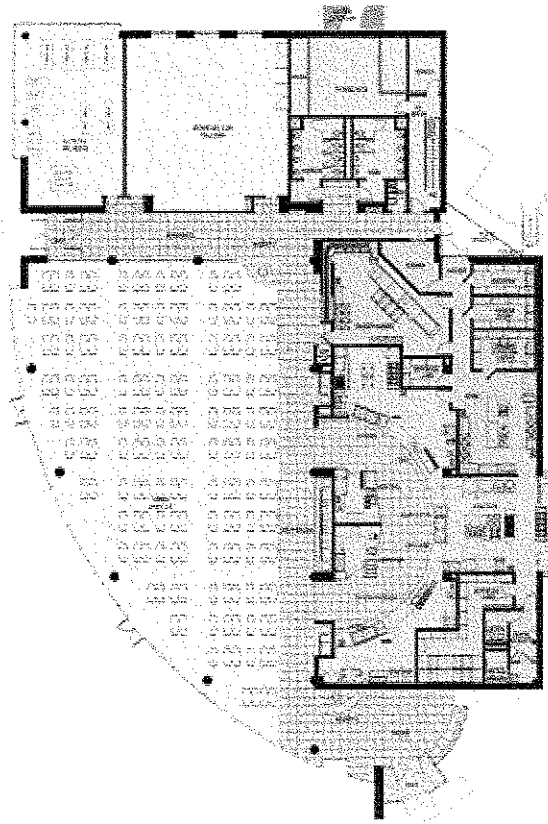
Branch Banking & Trust Lobby Renovations
Branch Banking & Trust Tenant Build-Outs - 4th, 6th, 9th
and 14th Floors
Branch Banking & Trust Town Center Mall Renovations
Citizens National Bank - Snowshoe Branch
Pleasants County Bank - St. Mary's
5th/3rd Bank Tenant Build-Out

Health Care

Hospice Administrative Office Building
Hospice - Lewisburg
Hospice - Kanawha City
Hospice - Existing Building Renovations
Eye and Ear Clinic Renovations
Greenbrier Clinic Endoscopic Suite
Mountaineer Diagnostic Imaging Center
Pleasant Valley Hospital
 Emergency Services and Laboratory
 Renovations
 Expansion to Medical Office Building
 New Hydro-Therapy Facility
 Entry Canopy
 OB / Surgery Suite Modifications
 Morgan Office Renovations
 Radiology Suite Modifications
 Fluoroscope Room Renovations

Marshall University

Dining Facility & Student Housing Complex
Huntington, West Virginia



Owner:
Marshall University
Ron May
Manager of Project Operations
One John Marshall Drive
Huntington, WV 25755
304/696-6294

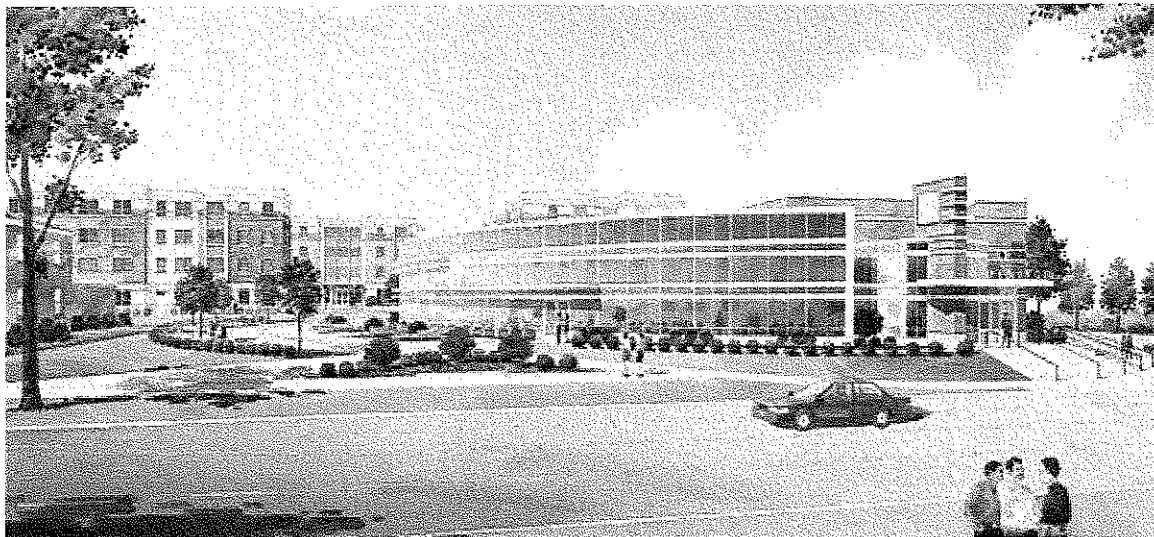
Completion Date:
2003

Construction Cost:
\$28,848,893

Services Provided:
Full A/E

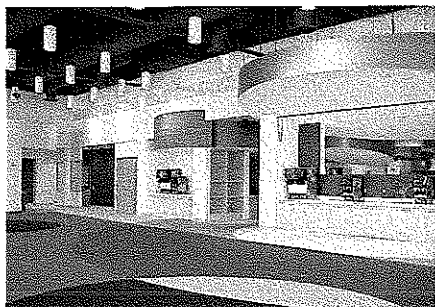
Size:
136,000 sf

This project consists of four 125-bed dormitory buildings and a 17,000 sf new dining facility seating 300. Dormitory buildings are comprised of CMU bearing walls with precast concrete plank floors and non-bearing partitions of gypsum board on metal studs. HVAC system is a pipe system with corridor mounted air handlers to minimize intrusion into student occupied spaces. Dining Hall comprised of steel frame and masonry bearing with curved curtainwall in dining area overlooking terrace.



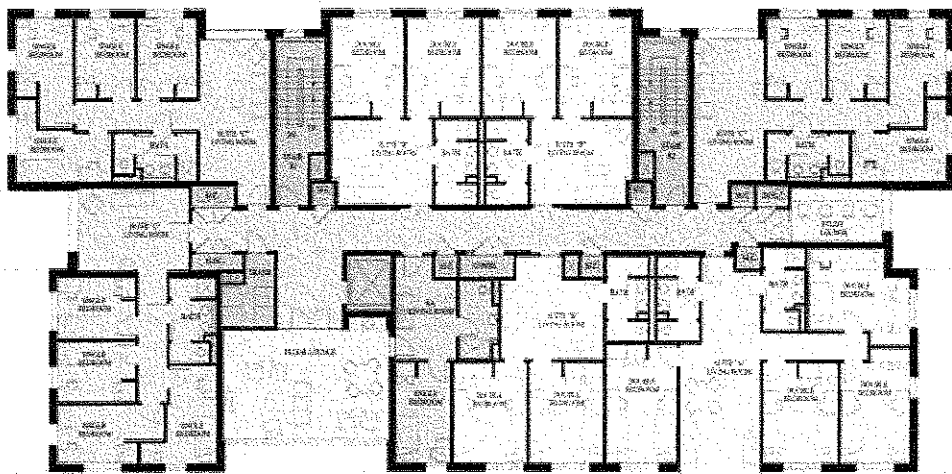
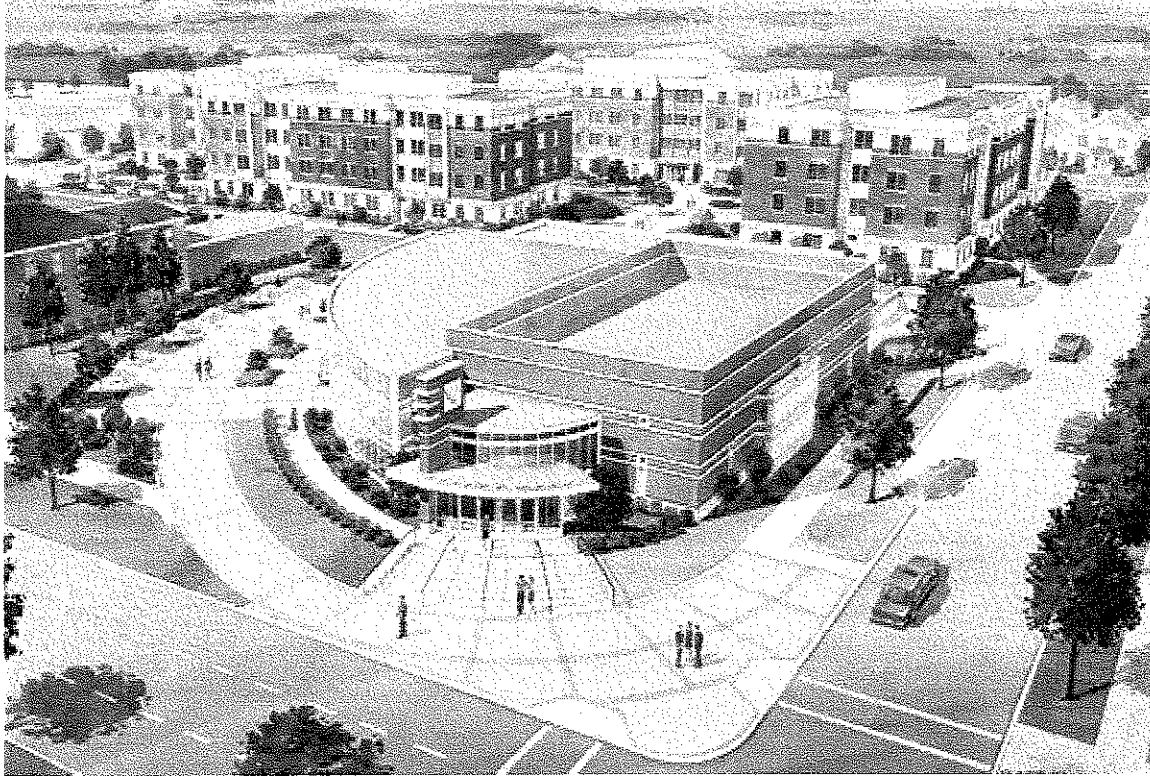
Projects

B&H
Bastian • Harris
ARCHITECTS



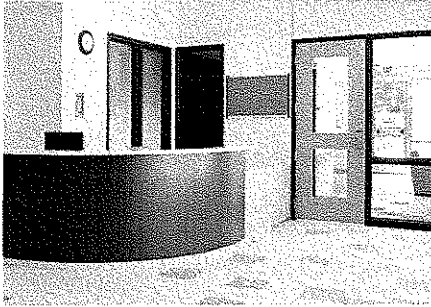
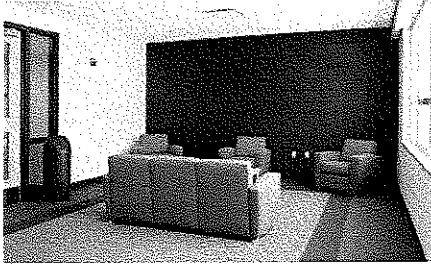
Marshall University

Dining Facility & Student Housing Complex
Huntington, West Virginia



Projects





Eastern WV Community & Technical College

Classroom/ Laboratory/ General Support Building
Moorefield, West Virginia



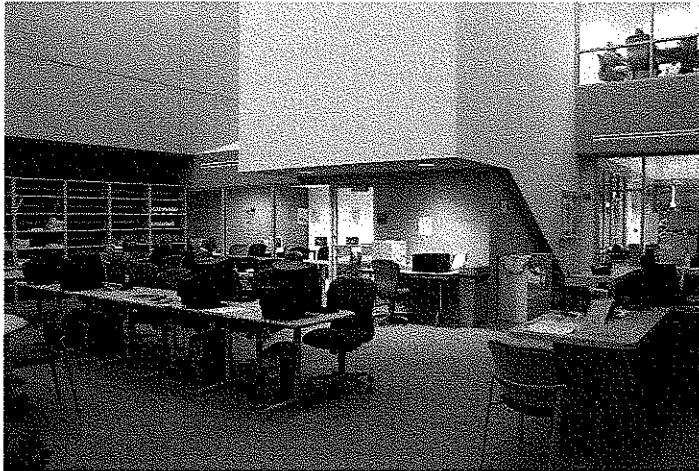
Owner:
Eastern WV Community & Technical
College
Bob Sisk, President
316 Eastern Drive
Moorefield, WV 26836
304/434-8000

Completion Date:
August 2009

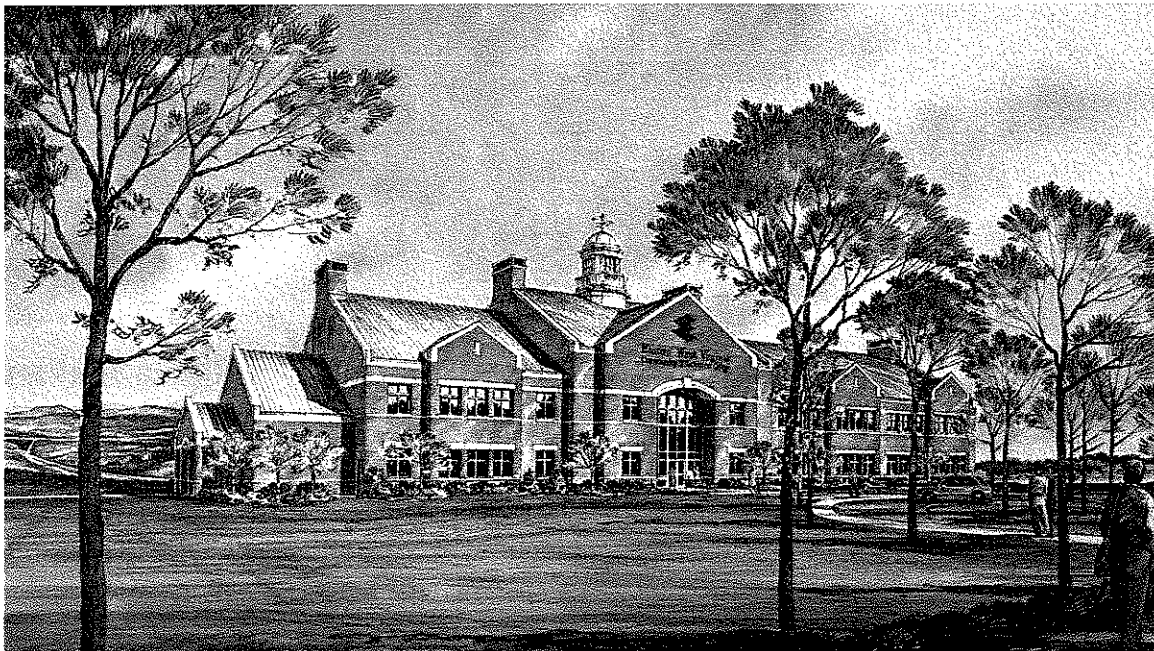
Construction Cost:
\$5,805,675

Services Provided:
Full A/E

Size:
25,000 sf

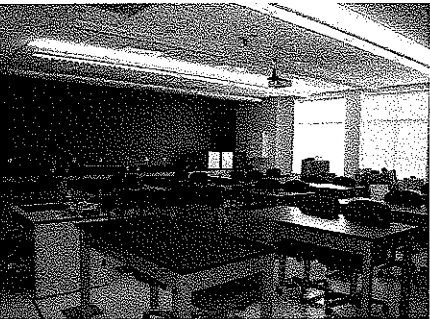
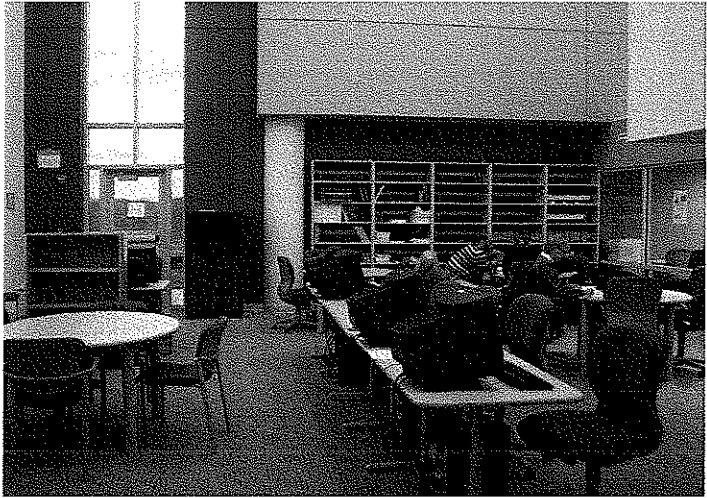
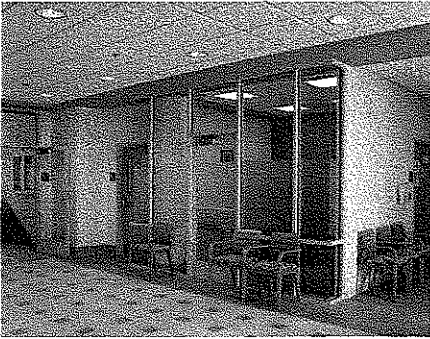


Classroom and support facility housing a laboratory, resource lounge, and faculty / administration offices. Building structure is comprised of reinforced load bearing masonry exterior walls with an interior steel frame. Exterior cavity wall veneer consists of face brick and split faced CMU. Roof structure is cold-formed steel trusses which supports the sloped asphalt shingles. Interior spaces are comprised of painted gypsum board over steel stud framing, resilient floor tile or carpet, and a suspended acoustical ceiling system. Facility houses a mechanical room in the attic of the structure which maximized usable floor area. Building was situated at the top of a hill so large arched curtain walls and nicely sized fixed windows are positioned to frame distant views. This is the first phase of a new college campus.



Projects

B&H
Bastian • Harris
ARCHITECTS



West Virginia Wesleyan College

Virginia Thomas Law Center for Performing Arts
Buckhannon, West Virginia



This 374 seat Performing Art Center includes a 1,100 sf reception / rehearsal space, 2,500 sf stage, dressing rooms, costume shop, scenery shop, and orchestra pit. Building structure is comprised of reinforced load bearing masonry supporting steel joists and beam. Walls are supported on a deep foundation system comprised of concrete grade beams and auger-cast piles. Exterior cavity wall veneer consists of face brick and split face CMU. All windows are fixed aluminum storefront / entrance frames with insulated glass. Roofing is EPDM membrane over rigid insulation and sloped structural deck or level deck with tapered insulation. Interior public spaces are comprised of painted gypsum board over steel furring or steel studs, resilient floor or carpet, suspended acoustical ceiling system and exposed structure painted flat black, and hardwood base and trim.

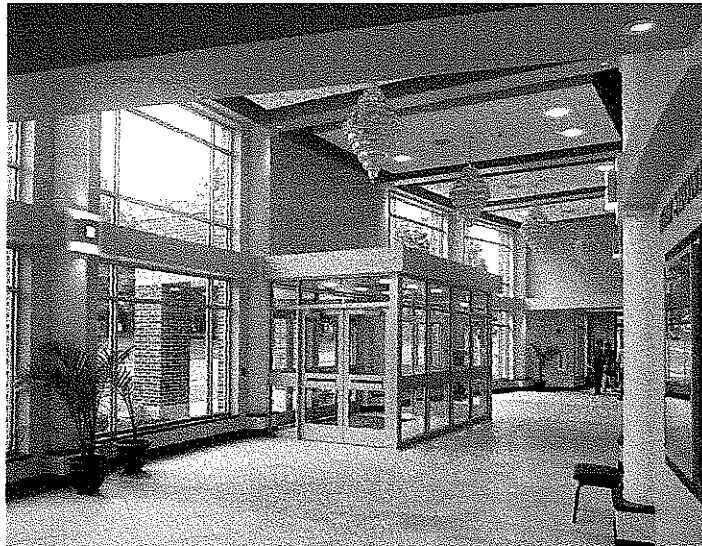
Owner:
West Virginia Wesleyan College
Pamela Balch, President
59 College Avenue
Buckhannon, WV 26836
304/473-8040

Completion Date:
February 2009

Construction Cost:
\$6,550,000

Services Provided:
Full A/E

Size:
19,000 sf



Projects

B&H
Bastian • Harris
ARCHITECTS



Marshall University

Recreation Center
Huntington, West Virginia



Owner:
Marshall University
Dr. Stephen J. Kopp, President
One John Marshall Drive
Huntington, WV 25755
304/696-2246

Developer:
Capstone Development

Project Architect:
Hastings & Chivetta

Architectural Consultant:
Bastian & Harris, Architects

MEP:
Scheeser Buckley Mayfield

Structural Engineer:
Steven Schaefer Associates

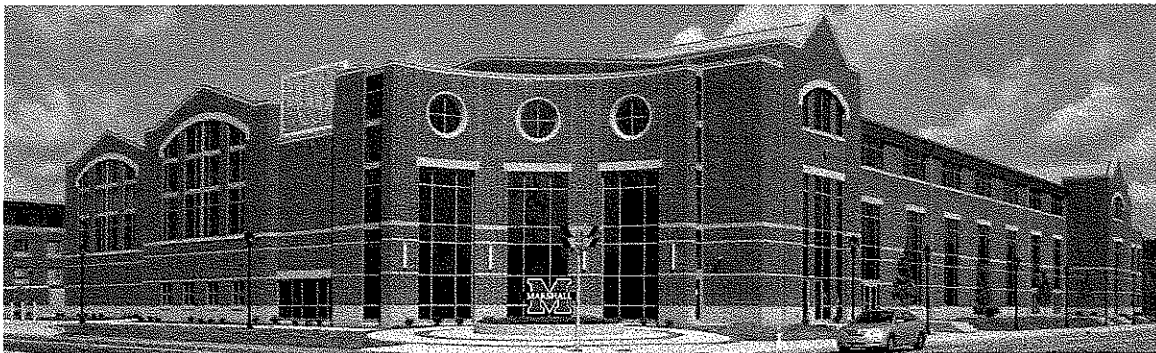
Completion Date:
January 2009

Construction Cost:
\$25,000,000

Size:
119,209 sf



As part of the Capstone Development team, Bastian & Harris, Architects was hired as the local Architect for several facets of the project. During initial design and conceptual phases of the project, Bastian & Harris, Architects worked closely with Capstone as a liaison between project architect and local review agencies, and the owner. As the projects moved into construction, Bastian & Harris, Architects performed independent progress reviews for the funding agency, administering applications for payment, project draw downs, and monthly site reviews.

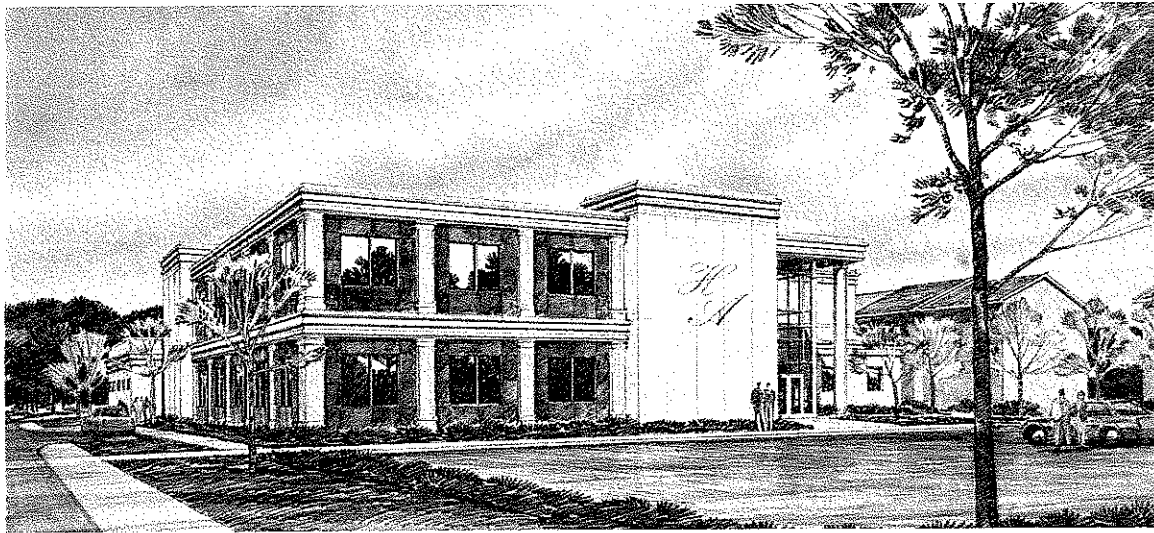
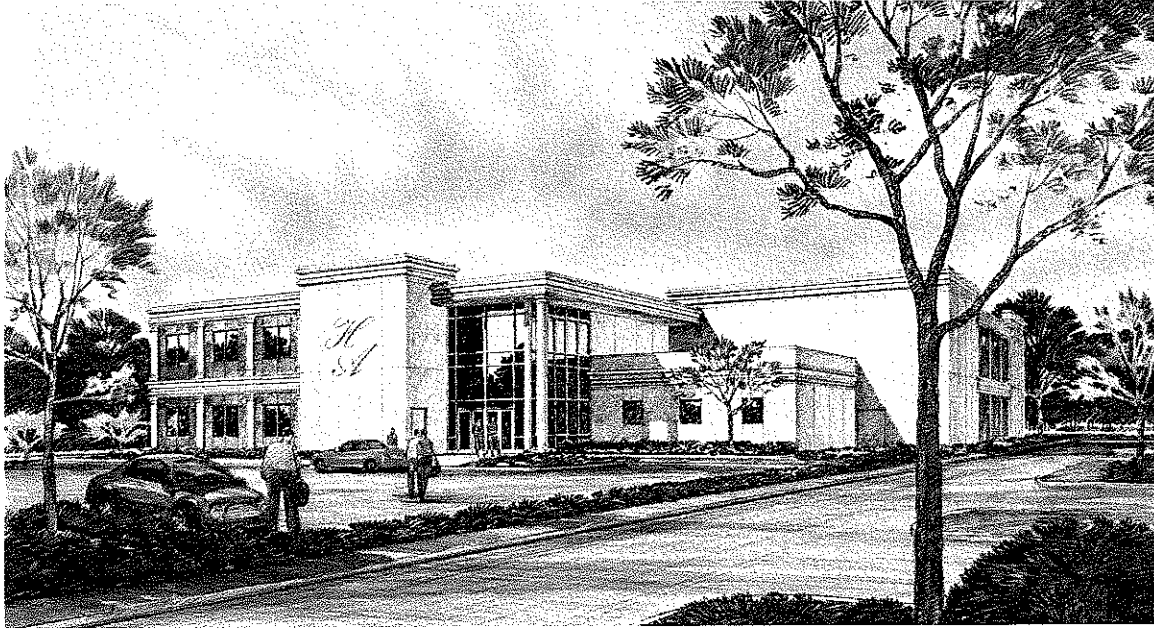


Projects

B&H
Bastian • Harris
ARCHITECTS

Ayash Sport Center

Ayash Sport Center
Saint Albans, West Virginia



Owner:
P.T.A. Land Company, Inc.
Karl Ham, General Manager
601 Sixth Avenue, Suite 200
St. Albans, WV 25177
304/722-9323

Completion Date:
2006

Construction Cost:
\$4,582,054

Services Provided:
Architectural

Size:
33,500 sf

Projects

B&H
Bastian • Harris
ARCHITECTS

Tamarack

Enhancements to Caperton Center
Beckley, West Virginia



This conference facility is designed to have the widest range of flexibility to accommodate conferences of all sizes and has a dividable space to allow for multiple simultaneous events. Other spaces includes ADA toilets, smaller conference room, offices, storage, pre-function space which opens with a large glass wall onto the plaza, atrium with seating for approximately 100, food service expansion of kitchen, and bus entrance drive with handicapped parking. Structure is steel frame with exterior stone and masonry bearing walls. Interior walls are gypsum board on metal studs. Portion of roof area is single-ply EPDM roofing membrane over tapered insulation system and major roof area of metal system over felt and plywood sheathing over rigid insulation on metal roof deck. Exterior stone, cast stone, windows, etc. matching existing Tamarack building.

Owner:
West Virginia Parkway Authority
Greg Barr, General Manager
PO Box 1469
3310 Piedmont Road
Charleston, WV 25325-1469
304/926-1900

Completion Date:
2003

Construction Cost:
\$6,188,106

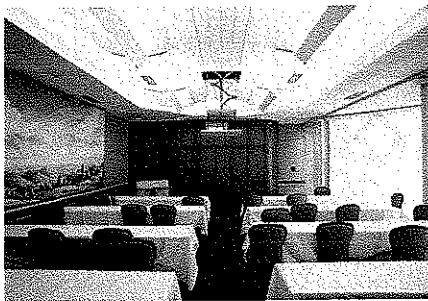
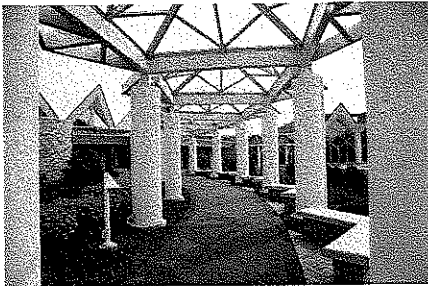
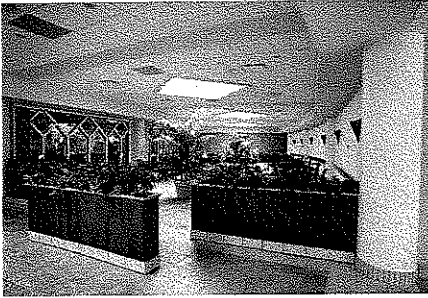
Services Provided:
Full A/E

Size:
22,000 sf



Projects

B&H
Bastian • Harris
ARCHITECTS



HospiceCare

HospiceCare Administrative Offices
Charleston, West Virginia



Owner:
HospiceCare
Larry Robertson, Executive Director
1606 Kanawha Boulevard, West
Charleston, WV 25302
304/768-8523

Completion Date:
November 2008

Construction Cost:
\$3,155,585

Services Provided:
Architectural as Part of Design
Build w/ Pray Construction

Size:
17,800 sf

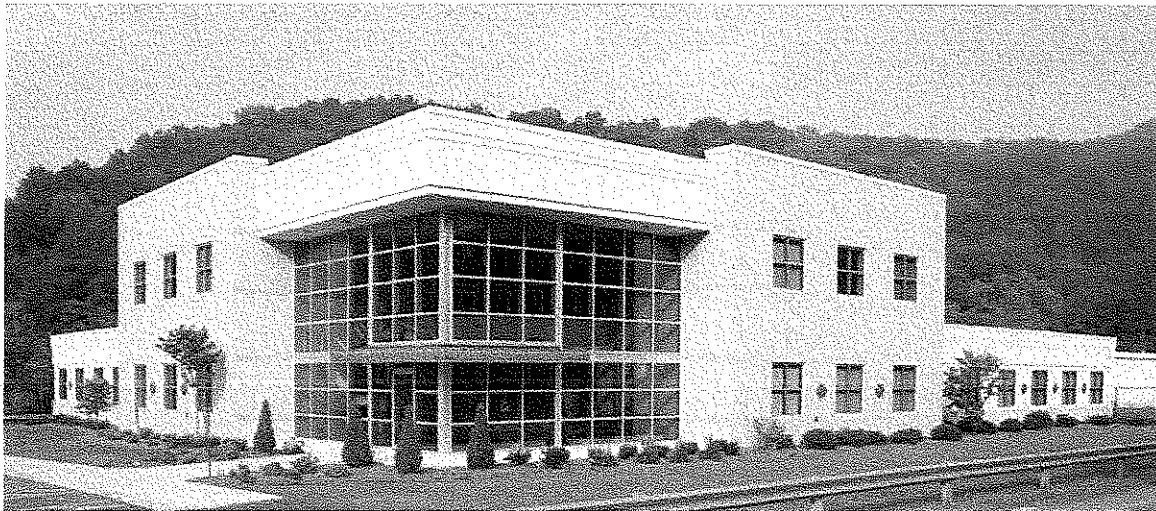


Projects

B&H
Bastian • Harris
ARCHITECTS

Go Mart Corporate

Go Mart Corporate Offices
Gassaway, West Virginia



Owner:
Heater Oil Company
John Heater, President
PO Drawer D
915 Riverside Drive
Gassaway, WV 26624
304/364-8000

Completion Date:
2003

Construction Cost:
\$2,017,269

Services Provided:
Full A/E

Size:
17,650 sf

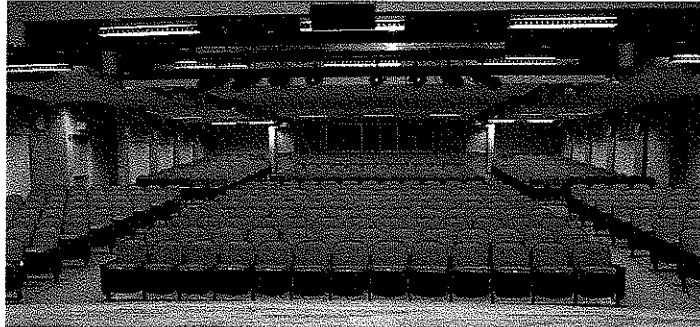
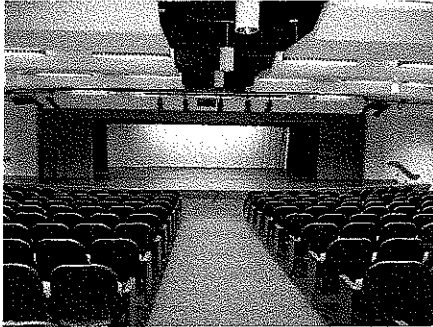
Projects

B&H
Bastian • Harris
ARCHITECTS

Kanawha County Schools

Auditorium Renovations

George Washington, Herbert Hoover, Nitro, Sissonville, and South Charleston High Schools



Owner:

Kanawha County Schools
Charles Wilson, Administrative Asst.
Facilities/Operations
3300 Pennsylvania Avenue
Charleston, WV 25302

Completion Date:

2009

Construction Cost:

\$5,247,000

Services Provided:

Full A/E

Size:

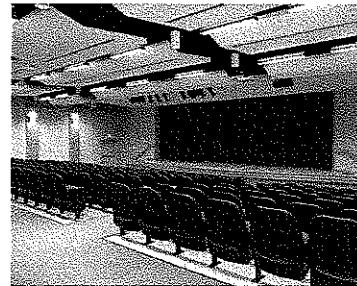
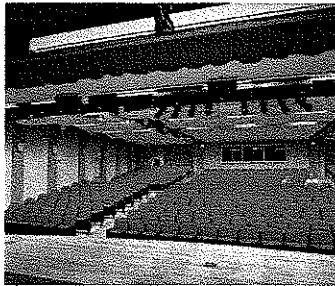
GWHS: 5,877 sf

HHHS: 5,850 sf

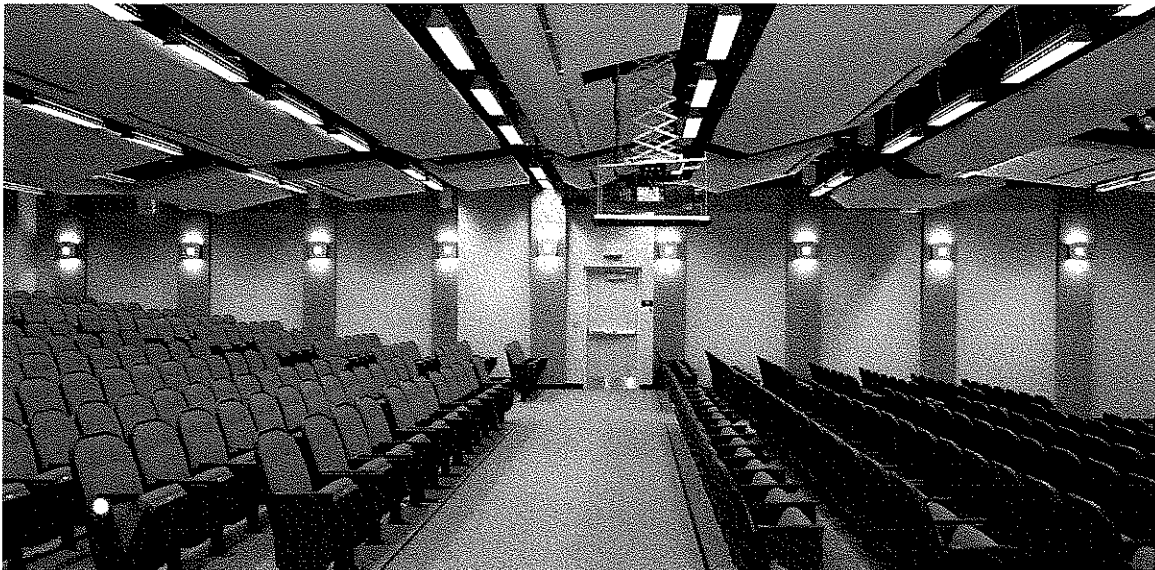
NHS: 6,500 sf

SCHS: 7,365 sf

SHS: 5,956 sf



The auditorium renovations and upgrades consist of selective demolition of existing seating and operable partitions, extending the stage apron, new gypsum board acoustical ceiling clouds, constructing a new control room, furring of existing masonry walls with gypsum board, replacing existing doors and hardware, new finishes, new theatrical equipment, new fixed audience seating, replace existing electrical fixtures and devices, modifications to existing HVAC ductwork and devices, plumbing renovations, and fire suppression system upgrades. Each auditorium is equipped with an advanced audio/visual package that includes a widescreen high-definition projection system and a 7.1 surround sound system.



Projects

B&H
Bastian • Harris
ARCHITECTS



References

Ron May, Director of Facilities Planning and Management
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Charleston, West Virginia 25302

Phone: 304/768-8523

David Sneed, Chief of Architectural Services
School Building Authority of West Virginia
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Charleston, West Virginia, 25311-2306

Phone: 302/558-2541

References



Scheeser Buckley Mayfield

Mechanical, Electrical, Civil and Telecommunication Consulting Engineers

Firm Profile

Scheeser Buckley Mayfield LLC is an Ohio-based Consulting Engineering firm that serves clients throughout Ohio and the surrounding states. The firm was established in 1959 by Walter L. Scheeser and Edwin J. Buckley, specializing in the design of mechanical systems for the construction industry. The firm has enjoyed a steady growth in clients and geographical area served throughout its history, and its services now include electrical, civil, and telecommunication design.



Scheeser Buckley Mayfield LLC has developed an outstanding reputation for both its accessibility to its clients and the clarity and completeness of its documents. The firm has been a leader in the application of new technology. It has extensive experience in the design and analysis of projects of all sizes, which it can draw upon for future projects. Each project requires an analysis of the most cost effective system available based on the client's design parameters. It is also the responsibility of the design team to determine if other options exist which may be beyond the scope of the current budget and which need to be considered on the current project to allow for future growth. Scheeser Buckley Mayfield LLC gives this personal attention to each project by determining the project design which can be implemented within the client's budget while applying innovative design concepts.

Many of SBM's projects originate from clients who have used its services previously and wish to continue a professional association. Scheeser Buckley Mayfield LLC strives to provide very professional and competent engineering services to all of our clients and to develop a personal relationship with these clients. This on-going association with clients provides an opportunity for them to better understand design concepts as well as the logic behind the decisions which may affect their systems for many years after the project's completion.

Uniontown Office
1540 Corporate Woods Parkway,
Uniontown, OH 44685-8797
330/896-4664 (o) 330/896-9180 (f)

Columbus Office
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Columbus OH 43215
614/448-1498 (o)

sbmce.com

Firm Profile



Scope of Services

General Services

- Master Planning
- Feasibility Studies
- Energy Audits
- Life Cycle Cost Analyses
- Ohio House Bill 251 Analyses
- Construction Cost Estimates
- Construction Administration
- CAD Drawings
- REVIT BIM Modeling
- LEED Certified Engineers
- Sustainable Design

Types of Facilities

- Medical
- Educational
- Institutional
- Commercial
- Industrial
- Laboratory Design
- Pharmacy Cleanroom Design
- Computer Room Design
- Corrections Facilities
- Central Building Services

Mechanical Services

- Air Conditioning
- Heating
- Ventilation
- Medical Gas Piping & System
- Sanitary and Storm Piping
- Process Piping
- Domestic Water Piping & System
- Fuel Oil Piping & Systems

Electrical Services

- Lighting Systems
- Power Distribution
- Communication Systems
- Fire Alarm Systems
- Security and Surveillance Systems
- Energy Audits
- Power Quality Analysis & Metering
- Emergency Power Generation and Distribution
- Medium Voltage Power Distribution and Substation Design

Civil Services

- Development Layouts
- Site Grading
- Roadways & Pavement Design
- Storm Water Management
- Sanitary/Storm Sewer Design
- Domestic Water/Fire Line Design
- Earthwork Calculations
- Drainage & Flood Plain Analysis
- Construction Observation

Telecommunications Services

- Video Systems
- Structured Cabling
- Cost Study/Audits

Commissioning Services

- Mechanical Building Commissioning
- Electrical Building Commissioning





James E. Eckman, P.E., LE, LEED AP, CBCP President - Electrical Engineer

Resume

Mr. Eckman attended The University of Akron where he received his Bachelor of Science Degree in Electrical Engineering in 1984.

After graduation, Mr. Eckman began his career as a consulting engineer by accepting a position as junior engineer with Kucheman, Peters and Tschantz, Inc., an electrical consulting firm in Akron, Ohio. During this engagement, he gained experience in the electrical design of commercial, industrial and healthcare facilities. Mr. Eckman also served as project manager for many of the projects he designed.

Concurrently, Mr. Eckman taught an electrical engineering course called "Illumination" at The University of Akron.

After leaving KPT, Inc. in 1987, Mr. Eckman gained additional experience in the construction industry by accepting the position of Engineer/Estimator for Thompson Electric, Inc. in Munroe Falls, Ohio. During this engagement, he designed and acted as project manager for several large industrial projects. He also earned electrical contractor licenses in several area communities.

Desiring to further his career as a consulting engineer, Mr. Eckman accepted a position of Senior Engineer with Scheeser Buckley Mayfield LLC in 1989. Mr. Eckman was promoted to the position of Associate in 1990, became a Principal in the firm in 1991 and Vice President of Electrical Engineering in 1992, and President in 2003.

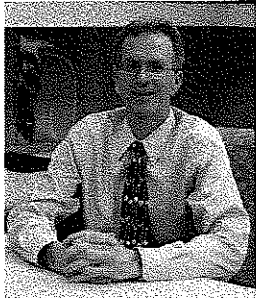
Mr. Eckman was a member of the Institute of Electrical and Electronics Engineers for eight years and is currently an active member of the Electrical League of Northeastern Ohio and the Illuminating Engineering Society (IES). Mr. Eckman has served as Treasurer and President of the Cleveland/Akron IES section and a member of the Executive Committee for the Electrical League. Mr. Eckman served on the College of Engineering Advancement Council for The University of Akron from 2002 to 2004 and is currently serving as Secretary of The University of Akron Electrical Engineering and Computer Engineering Advisory Council as Vice Chairman.

Jim is a LEED v2 Accredited Professional and is registered in the State of Ohio, West Virginia, Pennsylvania and Indiana.

In 2005, Jim received his Lighting Certification (LC) from the National Council on Qualifications for Lighting Professionals (NCQLP).

In 2009, Jim received his Certified Building Commissioning Professional (CBCP) administered by the AEE (Association of Energy Engineers).





Michael P. Wesner, P.E., LEED AP, CBCP Vice President - Mechanical Engineering

Resume

Mike is a graduate of Ohio State University in Columbus, Ohio. He received a Bachelor of Science Degree in Mechanical Engineering in 1981 and later that year joined the consulting firm of Scheeser Buckley Mayfield LLC which was then known as Scheeser*Buckley*Keyser.

During his first few years with the firm, Mike was heavily involved with the Title III of the National Energy Conservation Policy Act (NECPA). This governmental program was established as a cost sharing energy conservation grant programs. This program provided funds to study the operation of schools and hospitals to determine if there were ways to reduce their energy consumption. The program then funded energy conservation measures identified in the reports. As a result of this involvement in many audits and retrofit programs for public school buildings, college and university buildings and hospitals, Mike gained valuable experience in formulating and implementing energy conservation programs in buildings that result in real world savings. This experience carries on in the work that Mike does today.

Since the mid 1980's Mike's project experience has been concentrated in the following areas:

- Large hospital Expansion and remodeling projects.
- Hospital Boiler Plant / Chiller Plant replacement projects.
- University Laboratory projects, both new construction and renovation.
- University Classroom Facilities
- University Dormitory Facilities
- Animal research facilities.
- Secondary education facilities.
- Industrial facilities.
- Telephone / Communications buildings
- Recreation/Athletic Fitness Centers
- Worship Centers

On all of the above facility types, Mike has acted as the Principal in Charge for the firm. The Principal in Charge (PIC) is the single point of contact and is responsible to make sure the project gets done on time and on budget.

Other types of project experience Mike has had are listed as follows:

- Projects where SBM was the prime design professional hired by the Owner. Typically this has been for chiller plant/boiler plant or other type of main A/C system replacement. This work involved hiring the sub-consultants, preparing the budget/schedule, writing the "front end" specification documents and doing all of the day to day construction administration.
- Projects where SBM was hired to diagnose and correct mechanical system problems
- Projects where SBM was hired to do Mechanical and Electrical Construction Cost Estimating

Mike is a LEEDTM 2.0 Accredited Professional and a member of ASHRAE, ASPE, NFPA and BOCA. In 2009, Mike received his Certified Building Commissioning Professional (CBCP) administered by the AEE (Association of Energy Engineers).





Kevin M. Noble, P.E., LEED AP

Principal -- Site - Civil / Plumbing Engineering

Resume

Mr. Noble attended the University of Akron where he received his Bachelor of Science degree in Civil Engineering in 1987 and continued his education through night school to receive his Masters of Business Administration from Averett College in 1991.

After graduating with a Civil Engineer degree, Mr. Noble accepted a position as a Water Resource Engineer at Dewberry & Davis, Inc., a top fifty engineering firm located in Washington, D.C. Mr. Noble was assigned to work on the firm's contract with the Federal Emergency Management Agency. His responsibilities included hydrologic and hydraulic analyses, flood plain delineations and storm water management facilities. Prior to leaving the company, he was promoted to project manager where he obtained valuable experiences in hydraulics and storm water control from projects involving the U.S. Army Corp of Engineers and Tennessee Valley Authority.

From Washington, D.C., Mr. Noble joined the staff of Elewski & Associates, Inc., a municipal civil engineering firm located in Independence, Ohio. There, he engineered a wide range of residential, commercial and industrial development projects and provided field support to facilitate timely completion of construction. Projects included public and private schools, athletic facilities, planned residential developments, multi-phased office parks, municipal building and retail centers. The site engineering involved design of water mains and pumps, sanitary sewers, force mains, pump stations and storm sewer and stormwater management systems. Prior to leaving, he was promoted to Village Engineer, in charge of plan review, infrastructure design, public work projects and construction inspection.

Mr. Noble joined Scheeser Buckley Mayfield LLC in early 1995 as a department head. Since that time he has participated and managed the design of numerous private and public civil and plumbing projects, including prisons, healthcare, utility companies, universities, municipalities, churches, schools and Federal Government. He attends local and national plumbing and civil conventions and seminars to stay in tune with current developing technologies.

He is registered in the State of Ohio, the State of West Virginia, the State of Florida, the State of South Carolina, the Commonwealth of Virginia and the Commonwealth of Kentucky and is a member of the American Society of Civil Engineers and American Society of Plumbing Engineers.





Kirby A. Stoller, P.E., LEED AP

Mechanical Engineer

Mr. Stoller attended the University of Akron and received his Bachelor of Science in Mechanical Engineering, December 1999. Upon graduation, Kirby joined the firm of Scheeser Buckley Mayfield LLC. He passed his Professional Engineering License exam in April 2004.

During college, Kirby was involved in the University of Akron's co-op program and worked at Rubbermaid, Inc, in Wooster, Ohio. He assisted with design projects to support the manufacturing plant and created plant layout drawings for the installation of injection molding machines, automation, and robots. He also met with vendors, obtained quotes, and placed orders to meet project deadlines.

Since working for Scheeser Buckley Mayfield LLC, Kirby has served as the mechanical engineer on a wide variety of projects, primarily for health care facilities and universities and has experience in all aspects of the design of mechanical systems for buildings, including HVAC, Plumbing, and Fire Protection. He has also performed project management tasks within the office on many of his projects to coordinate the design team's efforts.

Larger projects in Kirby's background include a 175,000 square foot Patient Bed Tower and 50,000 square foot Cancer Center Building for Cabell Huntington Hospital located in Huntington, WV with total construction budgets of \$55 million and \$18 million respectively; 140,000 square foot (\$42 million) Bio-Technology Lab building for Marshall University located in Huntington, WV; 80,000 square foot (\$18 million) medical office building for Marshall University School of Medicine located in Huntington, WV; 260,000 square foot office building for Fed Ex located in Green, OH; 150,000 square foot church for The Chapel located in Green, OH.

Kirby designed the mechanical systems for the renovation of Douglass High School which is listed in the National Register of Historic Places. The project consisted of a total overhaul of the existing building systems. The interior was renovated to house medical offices and classrooms.

Other projects that Kirby has designed include:

- 15,000 square foot Forensic Science Lab for Marshall University
- 15,000 square foot Dialysis Clinic for Cabell Huntington Hospital
- 28,000 square foot facility for St. Timothy's Lutheran Church
- 60,000 square foot office building renovation for the VA
- 60,000 square foot Raleigh County Judicial Center
- Additions and renovations to St. Mary's Correctional Center dining facility
- Emergency generator replacement for First Energy
- Multiple boiler, chiller, cooling tower, and air handling unit replacement projects.
- Numerous hospital renovation projects





Joe Harless, RCDD

Senior Telecommunications Designer

Mr. Harless has been in the telecommunications industry since he left the construction field in 1991 to install security alarms, fire alarms, CCTV systems, access control systems, CATV cabling, UTP and fiber optic structured cabling, voicemail systems, KSU's, and network electronics for GBS Computer & Communication Systems.

In 1993, Mr. Harless became a Project Manager for GBS where he supervised and coordinated all major installations. During this time he received training and certifications from many manufacturers to ensure GBS' ability to offer extended warranties for their installations.

In 1997, Mr. Harless accepted the position as Network Designer at GBS. There, he performed design, engineering and estimating duties for all GBS' structured cabling and networking projects. In addition to these functions, he provided technical training and support to the field technicians and was responsible for the research and selection of all materials, tools and test equipment.

He received the designation of Registered Communications Distribution Designer (RCDD®) from the Building Industry Consulting Services International (BICSI®) organization in 1997.

Mr. Harless joined Scheeser Buckley Mayfield LLC in July, 2002 as the Senior Telecom Designer and performs the majority of our structured cabling designs along with related telecommunications and technology systems.





Kevin M. Donati

Electrical Engineer

Mr. Donati received his Bachelor of Science Degree in Electrical Engineering in 2002 from The Pennsylvania State University.

Since joining SBM in January of 2003, Kevin has done extensive work in the higher education field with many universities, including The University of Akron, Kent State University, Cleveland State University, Marshall University, Bowling Green State University and Lakeland Community College. Some of these projects included the design of dormitories, classrooms, office spaces, parking lot lighting and complete fire alarm designs and upgrades.

Mr. Donati has also done extensive work in the K-12 education field. Some of these designs include Jackson High School, Akron Public Schools, Central Catholic High School, North Canton City Schools, RG Drage Tech Center, Barberton Local Schools and Cleveland Municipal School District.

Other projects include numerous projects at First Energy, along with projects at Aultman Hospital, Pro Football Hall of Fame, City of Green Administration Building, Dominion East Ohio, Alliance City Hospital, Lake East Hospital, VA Hospital, Elevator Modernization Projects, City of Akron, Holiday Inn Hotels, Candlewood Suites Hotels, Correctional Centers and SKM Power System Short Circuit/Arc Fault studies.

Mr. Donati has extensive experience in the design of complex systems such as fire alarm, audio/video, telecommunications (LAN) systems, and CATV/MATV distribution systems.



Project Experience

Marshall University

Mid-Ohio Valley Center Enhancements
Point Pleasant, West Virginia



Scheeser Buckley Mayfield LLC performed mechanical and electrical engineering services for the 15,500 square foot learning center. Design included five classrooms, distance learning classroom, library, kitchen area, and multiple office spaces. Two rooftop multizone units were used to ventilate/condition the spaces. Units were designed to comply with ASHRAE 62-89 Ventilation and were capable of maintaining maximum user adjustable space relative humidity. Kitchen unit required design of make-up/exhaust air system for kitchen hood. An automatic fire protection sprinkler system was designed.

SBM designed a telecommunications infrastructure for the center including structured wiring, distance learning, telephone system, ATM backbone and outside plant links to existing campus buildings. In the structured wiring system, the horizontal cabling was based on the Category 5e standard, with both single-mode and multi-mode fiber optic cable in the backbone. A combined single-mode and multi-mode, direct buried fiber optic connection was designed for connection to the existing Point Pleasant Hospital. The infrastructure is linked to Marshall University by an ATM link that provides voice, data, and video connections. The infrastructure is also linked to Point Pleasant Hospital via a fiber optic interconnection to a telephone system remote node for voice, and to the Hospital data system.

St. Mary's Medical Center

Big Bear Center for Education
Point Pleasant, West Virginia

Scheeser Buckley Mayfield LLC provided the mechanical and electrical design services for a 60,000 sq. ft. education center for St. Mary's Hospital. Design features included a kitchen area, offices, lobby and classroom spaces. HVAC systems included multiple rooftop air handling units with compressorized cooling/gas heating. VAV terminal units equipment electrical heat were used for individual temperature control. SBM had to be cognizant of noise sensitive areas when designing the roof top air handling equipment. Plumbing and fire protection systems were modified and extended to new areas.

The electrical portion of the project consisted of replacing the existing substation with a new 35,000 volt transformer and switchgear along with all new 480 volt and 208 volt switchgear. The lighting system is automated throughout the complex and occupancy sensors have been installed in restrooms and study rooms. The auditorium has its own automated dimming system. The classrooms are wired so each student has access to the building computer network from their desk. Also each classroom has data and electrical outlets for overhead projectors. A new addressable fire alarm and security system were installed.

Liberty Mutual Insurance

Northwoods I Build Out
Columbus, Ohio

Scheeser Buckley Mayfield performed the HVAC, Plumbing, Electrical, Telecommunication, and Fire Protection design for the build out of 1,600 square feet of space. Included were office spaces and a data room. Design work needed to be completed to meet an accelerated schedule. The design included provisions to minimize impact on other tenants in the building. This project is currently under construction.



Thomas Memorial Hospital

Medical Office Pavilion & Hospital Addition
South Charleston, West Virginia



Scheeser Buckley Mayfield provided mechanical and electrical design for the Medical Office Pavilion Building at Thomas Memorial Hospital. This 85,818 sq. ft. office building hospital is a major addition to the facility. The building is a 4-story structure plus basement. The project was constructed in a multiple bid package construction delivery method with the building foundation, shell, and tenant fitouts being issued under separate contracts.

The Basement of the building houses the new hospital laboratory and support offices and also serves as home to the buildings main electrical service, mechanical room, and new data center.

The main entrance on the First Floor was designed with patient comfort in mind. The main lobby serves as registration and contains a Starbucks Coffee Shop.

The First Floor of the building also houses the expanded radiology department and diagnostic cardiology. The new cardiology area is equipped with a state of the art Cath Lab.

The upper floors of the building are tenant office spaces. The last open floor space is currently under construction and is scheduled for completion within the year.

The electrical design for the building included a new generator and emergency distribution along with an extension of the medium voltage service switchgear. The project budget allowed for the use of an extensive architectural lighting package that complimented the overall interior and exterior scheme of the building. Decorative wall sconces, table lamps, and a variety of perforated direct/indirect fixtures were used to accomplish this. The building design also accommodated a Starbucks located in the main lobby. Electrical services were designed to incorporate the café into the building. A new network fire alarm system was put in place for the addition and a major fire alarm upgrade was incorporated into the existing hospital system to allow facilities to have a single point of reference for all alarms. The existing hospital intercom and paging system was removed and replaced with new racks, amplifiers, and communication devices. This service was then extended to the new state-of-the-art lab located in the lower level of the building.

Federal Express

Custom Critical
City of Green

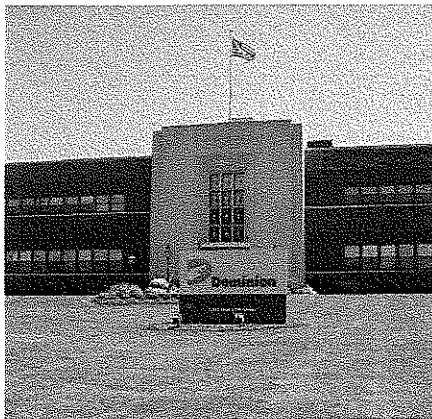


This 260,000 sq. ft. facility is largely served by an underfloor air distribution system. The underfloor air distribution system allows for highly flexible office spaces which can be reconfigured at a minimum cost, time and effort. The underfloor air distribution is thought to be the state-of-the-art type of system to be used for office type environments. An overhead VAV system is installed in areas of the building not conducive to the underfloor air system. These areas are the dining hall, kitchen, main entry, elevator lobbies, utility rooms and toilet rooms.



Dominion East Ohio

North Randall Shop Office Renovation
Cleveland, Ohio



The Dominion East Ohio North Randall Shop is a 37,000 square foot facility located in North Randall, OH. It consists of office space, a parts warehouse and a maintenance garage. This building functions as a hub for Dominion's service technicians in this area. Over the course of two years, several phases of construction have occurred as described below.

The first phase of renovations included replacement of the steam heating system in the warehouse / maintenance area with a gas-fired heating system. Asbestos removal of all piping insulation in this area was also part of this phase as well as updating the warehouse lighting with energy efficient T8 high-bay lighting controlled by a lighting control system with occupancy sensors. This was followed by a second phase to replace a failing rooftop air handling unit.

The third phase of construction included replacement of the building's steam boilers with gas-fired heating water boilers. The new hydronic system serves new radiant panels, VAV terminal reheat coils, finned tube and unit heaters throughout the building.

The most recent phase of mechanical construction was the build out of a portion of the warehouse area to create additional office space and a conference center. A new variable volume HVAC system with reheat was designed to accommodate this renovation. Bathrooms and locker rooms were completely renovated during this phase. New lighting was provided throughout the renovation space and is controlled by occupancy sensors, in addition to being tied to the BAS controls. The existing indoor emergency generator was removed and a new outdoor gas emergency generator provides standby power for the entire building. A new emergency distribution system was designed with two new transfer switches. One transfer switch controls the mechanical and other loads, while the second transfer switch controls the life safety loads. Existing fire alarm and telecom systems were extended to each renovation phase.

Medina County, Ohio

Courthouse Renovations & Addition
Medina, Ohio



Scheeser Buckley Mayfield LLC is currently providing the HVAC, plumbing, fire protection and electrical design for the renovation of the existing Medina County Courthouse and the new addition. The existing building is 47,655 sq. ft. and the addition will be approximately 43,858 sq. ft.



Greenbrier County, West Virginia

New Judicial Center
Lewisburg, West Virginia



SBM is providing Mechanical and Electrical design services for this new Judicial Center located in Lewisburg WV. The work shall include the design of HVAC, plumbing, fire protection and electrical systems for the new facility. All mechanical equipment to be located inside the structure with the exception of the air cooled chiller which will be located outside in an enclosure. The HVAC system shall provide multiple zoning through the use of VAV reheat air terminals. All supply air, return air and exhaust air systems shall have sound attenuators.

The building shall have a wet pipe sprinkler system for the entire building. Domestic water, sanitary drainage, sanitary vent, and storm drainage systems shall be designed for the new building. SBM shall design a new electrical power service and distribution system for the new building. The building shall have a security system and structured wiring system.

Hampshire County, West Virginia

New Judicial Center
Romney, West Virginia



SBM is providing Mechanical and Electrical design services for this new Judicial Center located in Hampshire County. The work shall include the design of HVAC, plumbing, fire protection and electrical systems for the new facility. All mechanical equipment to be located inside the structure with the exception of the air cooled chiller which will be located outside in an enclosure. The HVAC system shall provide multiple zoning through the use of VAV reheat air terminals. All supply air, return air and exhaust air systems shall have sound attenuators. The building shall have a wet pipe sprinkler system for the entire building.

Domestic water, sanitary drainage, sanitary vent, and storm drainage systems shall be designed for the new building. SBM shall design a new electrical power service and distribution system for the new building. The building shall have a security system and structured wiring system.

Morgan County, West Virginia

New Courthouse
Berkley Springs, West Virginia



The Morgan County Courthouse Heating, Ventilating and Air Conditioning System (HVAC) takes advantage of the warm springs in Berkley Springs, West Virginia. Warm Springs run, a small creek, fed by warm springs just happens to be adjacent to the Courthouse property. The HVAC system in the building is able to use the warm springs run as a source of heat in the heating season and as a heat sink in the cooling season. Water from the run flows by gravity to a large manhole under the Courthouse mechanical room where it is pumped through a plate frame heat exchanger. The heat exchanger is integrated into the buildings "Water Source Heat Pump" loop.

The heat exchanger is in series with the buildings boilers and fluid coolers. For most of the year the water in the run will allow the boilers and fluid coolers to stay offline saving the county energy and water consumption costs.



Raleigh County, West Virginia

New Judicial Center
Beckley, West Virginia



SBM is providing Mechanical and Electrical design services for this new Judicial Center located in Beckley. The work shall include the design of HVAC, plumbing, fire protection and electrical systems for the new facility. All mechanical equipment to be located inside the structure with the exception of the air cooled chiller which will be located outside in an enclosure. The HVAC system shall provide multiple zoning through the use of VAV reheat air terminals. All supply air, return air and exhaust air systems shall have sound attenuators. The building shall have a wet pipe sprinkler system for the entire building. Domestic water, sanitary drainage, sanitary vent, and storm drainage systems shall be designed for the new building.

SBM shall design a new electrical power service and distribution system for the new building. The building shall have a security system and structured wiring system.

Cuyahoga County Justice Center

House Bill 300
Cleveland, Ohio

Scheeser Buckley Mayfield LLC in conjunction with Johnson Controls Inc. performed mechanical design engineering services to renovate the twenty six story building that houses the Cuyahoga County and Cleveland Municipal Courts Tower including forty four courtrooms and nine hearing rooms. The project included the renovation of the existing duct systems and conversion of air handling units to variable air volume using single duct terminal units on all floors. High efficiency motors were on most pumps and all air handling units and associated return fans. Air handling unit inlet vanes were locked open and were controlled by new variable frequency drives. Magnetic ballasts were replaced with electronic ballasts and T12 fixtures were upgraded to T8 technology with reflectors. Water conservation measures were taken by using low flow aerators on lavatory faucets and replacing toilet fixtures using 3.5-4.6 gallons per flush to 1.6 gallons per flush. Window tinting was also added to the east, west and south exposures from the 23rd floor down to the 4th floor to reduce heat gains and lower energy usage.



Steven Schaefer Associates

Consulting Structural Engineers

Firm Profile

Since 1976 Steven Schaefer Associates, Inc. has designed the most efficient, safe structures possible at competitive design fees.

We emphasize quality design, hire only practical engineers and maintain an extensive continuing education program. We produce efficient constructible projects through the accurate design of individual structural components, careful study of the owner's requirements, and considering other structural construction alternatives. This way the best design parameters can be selected at the beginning of the project.

With our continued effort to provide creative design and responsive service, we have increased our staff to thirty-two structural engineers and are now registered in all fifty states.

Our services consist of all aspects of structural engineering including:

- Structural planning and schematic design.
- Framing and foundation design for new buildings.
- Design of retaining structures.
- Building component design and analysis for specialty building material manufacturers and contractors.
- Investigation and analysis of damaged structures.
- Evaluation and load capacity analysis of existing structures.
- Site observation of structures during construction.

Our clients are architects, contractors, government, suppliers, industry and private owners.

Special Recognition

Since 2003, Structural Engineer Magazine has rated Steven Schaefer Associates, Inc. as one of the Ten Best Structural Engineering Firms to Work For in the country. This recognition reflects the commitment we have to our most valuable asset – our staff. The motivation and dedication of our staff enable us to achieve the high levels of respect and client satisfaction we have earned in the construction industry.

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614/428-4400 (o) 614/428-4500 (f)

ssastructural.com





J. Gregory Sliger, P.E.

Principal, Team Leader

Joined Steven Schaefer Associates in 1998

Education:

MS Civil Engineering University of Cincinnati, 1980

BS Civil Engineering University of Cincinnati, 1979

Registrations:

West Virginia, #010880, Civil

Kentucky, #20894, Civil

Ohio, #PE 47806, Civil

Texas, #98976, Civil

Utah, #6485350-2202, Civil

Associations:

American Society of Civil Engineers, American Institute of Architects – West Virginia, American Concrete Institute, Concrete Reinforcing Steel Institute, Structural Engineers Association of Ohio

As team leader, Mr. Sliger oversees the work of his entire technical team. In this role, he has worked on projects of varying sizes, complexity and materials. Mr. Sliger specializes in design and construction utilizing reinforced concrete, post-tensioned concrete and structural steel. He was the project principal on the following projects.

Experience with Bastian & Harris, Architects:

Buckhannon Toyota – Buckhannon, WV

Calvary United Methodist Church – Ripley, WV

GoMart Office Facilities – Gassaway, WV

Hospice Care Office Building – Charleston, WV

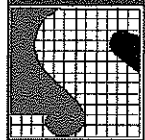
Kanawha County Schools Renovation Projects – Charleston, WV

LeRoy Place Office Building – Teays Valley, WV

Marshall University Student Housing – Huntington, WV

Overbrook Elementary School Addition – Charleston, WV

Tri-County YMCA Addition – Scott Depot, WV





Ryan M. Konst, P.E.

Project Engineer

Joined Steven Schaefer Associates in 2001

Education:

BS Civil Engineering, University of Cincinnati, 2001

Registrations:

West Virginia

Kentucky

Ohio

Associations:

American Society of Civil Engineers, American Institute of Steel Construction, American Institute of Architects, American Concrete Institute, Structural Engineers Association of Ohio (President-Elect)

Mr. Konst specializes in design and construction utilizing reinforced concrete, post-tensioned concrete and structural steel. He has extensive experience in the structural design of facilities for higher education and the medical, commercial, and retail/banking industries. As project manager he oversees the work done by other team members. His role in the following projects is that of project manager and/or project engineer.

Experience with Bastian & Harris, Architects:

Tri-County YMCA Addition – Scott Depot, WV

Office Experience:

Centre Pointe Building 5 – Cincinnati, OH

Greenridge Office Building – Cincinnati, OH

Kings Daughters Medical Center / Medical Plaza Building B – Ashland, KY

Sycamore Financial Center – Cincinnati, OH

The Children's Home of Cincinnati / Office Building – Cincinnati, OH

The Landings – Blue Ash, OH

Thomas Memorial Hospital Medical Office Pavilion – South Charleston, WV



Project Experience Office Warehouse

Evergreene Technology Park

Waynesburg, Pennsylvania

Steven Schaefer Associates provided the structural design for this new single-story, 40,000 sq ft conventionally framed office/warehouse building with tilt-up concrete walls, bar joist/joist girder roof framing, low slope roof, and shallow footings. Phase one included a total of twenty-five acres of development, with the office/warehouse being used for high-performance computing, advanced communications and large-scale data handling.

Carpenters' Training Center

Lebanon, Pennsylvania



This single-story 28,000 sq ft addition includes a 25 ft clear span, load bearing tilt-up wall panels, and gabled conventional bar joist/girder framed roof. The building includes classrooms, offices, training areas, and a loading dock.

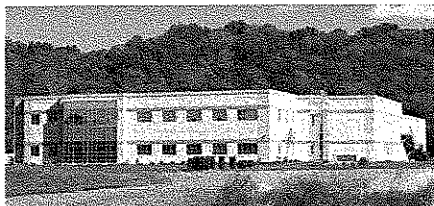
Prasco, Inc.

Mason, Ohio

This multi-use building includes a 140,000 sq ft warehouse/distribution facility and a 90,000 sq ft three-story office building. The warehouse is bar joist/girder framing with precast bearing walls. The office building has a clear story auditorium with entrances on the first and second floors. A large storage area is located under the sloping auditorium seating area. A 30' long drive-thru canopy is located in front of a two-story lobby near the auditorium. The complex also includes a single-story conference area and cafeteria. All of these design features are interconnected under multiple roof levels.

Melnik Corporation

Milford, Ohio



LEED® Gold certified, this 30,000 sq ft corporate headquarters includes three wings configured in a horseshoe pattern with a courtyard in the center. The front wing serves as an office, the middle wing serves as a training and R&D center, and the back wing serves as a manufacturing plant. The front and middle wings have 22,000 sq ft of unfinished space on the second floors to be used for future expansion.

This \$2.5 million project was completed in ten months and includes several energy saving details. Steven Schaefer Associates analyzed the roof structure for solar panels, the floor and roof framing for multiple zoned mechanical units located between the framing members, and provided details to accommodate additional windows in the exterior precast concrete walls.



United States Army Reserve Training Center

Sharonville, Ohio

These two buildings will serve as the training and maintenance center for the USAR. The training building houses administrative offices, assembly, classrooms and storage along with special areas and support functions. The building will be approximately 20,000 sq ft per level. The 7,500 sq ft maintenance building will include general maintenance bays, offices, tool storage and interior work spaces. To-date, there are no plans for construction to begin.

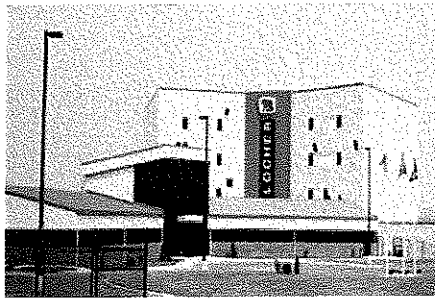
Go-Mart Headquarters

Gassaway, West Virginia

This steel framed two-story office building includes an attached storage/warehouse. The footprint of the building is L-shaped. The center is a two-story office, one leg is a single-story warehouse, and the other leg is a single-story office. The facility includes a two-story atrium with glass walls on two sides and stud wall with brick veneer on the other sides. The 3,300 sq ft warehouse has a bar joist roof supported by a steel frame with metal stud walls and metal siding. The framing for the office is designed for future expansion. The foundation and steel framing of the L was built to extend 22 feet outward. The roof of the single-story leg was framed with steel beams and concrete metal deck to allow a second floor to be built at a future date. The central second floor office area uses steel framing and a four inch concrete deck to permit 80 lbs per sq ft office live load.

Baerlocher Production & Administration Building

Cincinnati, Ohio



This project consisted of the structural design of two buildings – an administration office building and a production building. The office building has a basement with 5,200 sq ft, a mezzanine with 1,400 sq ft and a main level with 14,400 sq ft. The production building is located directly across from the administration building. The center of the complex is a five-story lobby with a five-story tower and a single-story pre-engineered warehouse building on each side of it. The lobby tower is 13,000 sq ft with a concrete slab on a metal deck and the two production towers are 21,400 sq ft, each using structural steel framing with steel floor plates.



Project Experience Large Scale Warehouse

Louisville Industrial Center

Building D - Phase 1
Louisville, Kentucky



Phase one of this Class A bulk warehouse facility is this single-story 415,000 sq ft building, with plans to expand to 660,000 sq ft. Construction is concrete tilt-up panel walls on three sides with metal panel expandable end-wall on the fourth. Roof construction is steel joist and joist girders with roof expansion joints in one direction and K-braces frames.

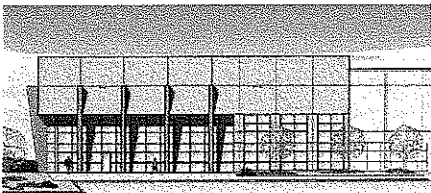
Park South at Richwood

Building F
Boone County, Kentucky

Steven Schaefer Associates provided the structural design for this 543,512 sq ft warehouse with load bearing precast concrete panel walls. This single-story building has steel joist and joist girder roof framing, 32 ft clear height, and 60 truck docks. The building includes two roof expansion joints and steel K bracing along one column line. We also provided tenant improvement design for GSI Commerce, who occupies the entire building. Completed after shell building construction was finished, tenant improvement design included significant joist reinforcing for conveyor and roof top mechanical unit support.

Port Union Distribution Center

Building F
West Chester, Ohio



Steven Schaefer Associates, Inc. provided the structural design for this new single-story, 697,500 sq ft warehouse/distribution/office building with tilt-up concrete walls and bar joist/joist girder roof framing. Building clear height is 32 feet. The office area was designed for tenant Kao Brands.

Lake Forrest Pointe II

Blue Ash, Ohio

Steven Schaefer Associates provided the structural design for this two-story 44,000 sq ft office building framed with composite slab, bar joists, and joist girders. The building has 28' x 44' typical bays, a two-story entry atrium, and additional lower level covered parking with direct access to the office.

Sanmar Distribution Facility

West Chester, Ohio

Steven Schaefer Associates provided the structural design for this 970,000 sq ft precast concrete manufacturing/warehouse facility with a 36 ft clear height. The typical bay size is 52' x 52'-6". The building includes a two-story, 200,000 sq ft mezzanine and 8,500 sq ft of office space.

