



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header

List View

General Information | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#)

Procurement Folder: 159310

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000210064

Legal Name: BASTIAN & HARRIS ARCHITECTS PLLC

Alias/DBA:

Total Bid: \$0.00

Response Date: 11/24/2015

Response Time: 15:18

SO Doc Code: CEOI

SO Dept: 0310

SO Doc ID: DNR160000009

Published Date: 10/26/15

Close Date: 12/1/15

Close Time: 13:30

Status: Closed

Solicitation Description: A&E services for Model Cabin Project

Total of Header Attachments: 0

Total of All Attachments: 0



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder : 159310
Solicitation Description : A&E services for Model Cabin Project
Proc Type : Central Contract - Fixed Amt

| Date issued | Solicitation Closes | Solicitation No | Version |
|-------------|------------------------|------------------------------|---------|
| | 2015-12-01 13:30:00 | SR 0310 ESR11241500000002396 | 1 |

VENDOR

000000210064
 BASTIAN & HARRIS ARCHITECTS PLLC

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X **FEIN #** **DATE**

All offers subject to all terms and conditions contained in this solicitation

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|---------------------------|-----|------------|------------|-----------------------------|
| 1 | Architectural engineering | | | | |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81101508 | | | |

| | |
|-------------------------------|---------------------------|
| Extended Description : | Architectural engineering |
|-------------------------------|---------------------------|

Expression of Interest

Solicitation No. CEOI 0310 DNR1600000009

1 December 2015

DIVISION OF NATURAL RESOURCES STATE PARK MODEL CABIN RENOVATIONS



Introduction

Firm Profiles

Resumes

Projects

References

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

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



1 December 2015

Division of Natural Resources
West Virginia State Parks
324 4th Avenue
South Charleston, WV 25303-1228

RE: A/E Services for Model Cabin Project

Dear Selection Committee,

We are pleased to submit our expression of interest for providing the architectural and engineering services for the proposed remodeling of the state park cabins and cottages. We are excited for the prospect of assisting in providing these much needed upgrades. B&H is a relatively small architectural firm that specializes in personal service. Projects run the gambit from large to small and include Caperton Center Conference Facility, John Marshall Commons at Marshall University and their newly completed Applied Engineering Complex to residential back porch additions. We recently completed the 3-bedroom condo units at Eagle View overlooking Charleston and several custom residences in the Charleston area. Hospitality related projects include additions and renovations to several local hotels including Hampton Inn, Holiday Inn, and Comfort Inn.

We are familiar with the CCC era cabins and the modern cabins constructed in our various state parks. Recognizing particularly the historic significance of the CCC era cabins, we have provided historic tax credits for commercial properties for downtown Charleston and have worked with the US Department of Interior to maintain the integrity and historic fabric of these structures. I would anticipate that similar skills will be necessary in providing sensitive upgrades. Additionally, we continue to remain versed in providing ADA accessibility and have provided renovations for Kanawha County Schools and Marshall University for much needed compliance upgrades.

We maintain that the individuals involved in the initial concepts remain actively involved in all phases of the construction project. This small studio approach eliminates breakdown of internal communication as the individuals involved from the beginning are also there not only during the construction documents but also the construction administration and closeout phases. This hands-on approach as well as a history of thorough and complete construction documents has been the hallmark of our successful practice. Early identification of cost is always critical in maintaining project budgets. Our thorough knowledge of recent construction methods and cost can assist in establishing early construction budget. We maintain close communication with marketplace during the schematics, design development and construction document phases of the project to minimize surprises on bid day. This is accomplished by engaging local contractors, subcontractors and suppliers with real time construction cost estimates. This attention to detail and complete documentation has also led to an extremely low change order rate among our projects.

We are also versed in providing A/E services for projects that need to remain in operation. Our recent experience with renovations and additions to numerous car dealerships in the Kanawha valley and the Charleston / Huntington corridor has demonstrated our sensitivity to maintaining full operation of important customer oriented services. Additionally, our K-12 and higher education work is generally always during periods when buildings must remain occupied or within a small window of time while school is closed. Scheduling of critical dates is always a factor.

Our ability to manage internal resources as well as reaching out to external consultants for mechanical, electrical and plumbing requirements allows us to maintain to schedules. Current workload is such, having such completed a major \$50 million project at Marshall University and are currently finishing up dormitory renovations at Berea College which we are doing with a St. Louis architectural firm, allows us to devote significant time to meet even the most aggressive of schedules.

We do not, however, do these projects alone. For this project, based on their previous experience within the State Park system, we have chosen to team with consulting engineer CMA for all the mechanical, electrical and plumbing needs for the project. Our history with CMA dates back to the early establishment of their firm. Most recent project includes New Readiness Center for the Army National Guard in Moorefield, West Virginia.

The attached brochure highlights several of the projects which we have recently been involved. We think this demonstrates a vast variety of project types and the ability to tailor architectural design to the individual project needs.

We look forward to the opportunity to presenting our insight for the development of your project during the interview process.

Sincerely,

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

John Harris



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 - Architect/Engr

Proc Folder: 159310

Doc Description: AE services for Model Cabin Project

Proc Type: Central Contract - Fixed Amt

| Date Issued | Solicitation Closes | Solicitation No | Version |
|-------------|------------------------|-------------------------|---------|
| 2015-10-26 | 2015-12-01 13:30.00 | CEOI 0310 DNR1600000009 | 1 |

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

Bastian & Harris, Architects, PLLC
 300 Summers Street, Suite 1200
 Charleston, WV 25301-1630
 304/342-2151

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X

FEIN # 55-0765885

DATE 11/23/15

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

Expression of Interest

The West Virginia Purchasing Division for the Agency, The West Virginia Division of Natural Resources (WVDNR) is soliciting CEOI responses from qualified firms to provide an architectural /engineering services contract to plan renovations at Watoga State Park and Cass Scenic Railroad State Park cabins per the specifications and terms & conditions as attached.

| INVOICE TO | SHIP TO |
|--|---|
| DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US | DIVISION OF NATURAL RESOURCES WEST VIRGINIA STATE PARKS 324 4TH AVE SOUTH CHARLESTON WV 25303-1228 US |

| Line | Comm Ln Desc | Qty | Unit Issue |
|------|---------------------------|-----|------------|
| 1 | Architectural engineering | | |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81101508 | | | |

Extended Description :

Architectural engineering

| | | | |
|--------------|--------------------------------|--|------------------------------|
| DNR160000009 | Document Phase Final | Document Description A&E services for Model Cab in Project | Page 3 of 3 |
|--------------|--------------------------------|--|------------------------------|

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

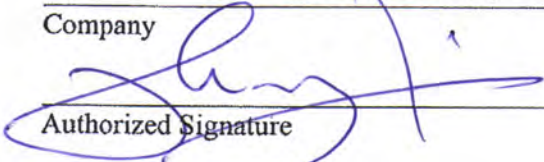
Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Bastian & Harris, Architects, PLLC

Company



Authorized Signature

23 November 2015

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Bastian & Harris, Architects

Authorized Signature: [Signature] Date: 11/23/15

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 23 day of NOVEMBER, 2015.

My Commission expires MARCH 3, 2020.

AFFIX SEAL HERE



NOTARY PUBLIC

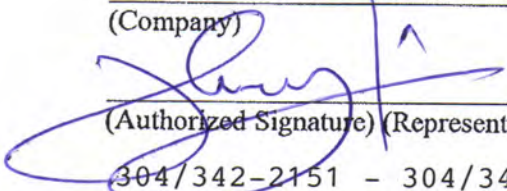
Charlotte R. Jensen

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Bastian & Harris, Architects, PLLC

(Company)



John Harris, Member

(Authorized Signature) (Representative Name, Title)

304/342-2151 - 304/342-2197 - 23 November 2015

(Phone Number) (Fax Number) (Date)

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

| | | |
|---|---|---|
| Print or type See Specific Instructions on page 2. | Name (as shown on your income tax return) Bastian & Harris, Architects, PLLC | |
| | Business name/disregarded entity name, if different from above | |
| | Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input checked="" type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ P <input type="checkbox"/> Exempt payee <input type="checkbox"/> Other (see instructions) ▶ | |
| | Address (number, street, and apt. or suite no.) 300 Summers Street, Suite 1200 | Requester's name and address (optional) |
| | City, state, and ZIP code Charleston, WV 25301-1630 | |
| List account number(s) here (optional) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|--|---------------------------------------|---|---|---|---|---|---|--|--|---|---|---|---|---|---|---|---|---|
| Part I Taxpayer Identification Number (TIN) | | | | | | | | | | | | | | | | | | | |
| Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3. | | | | | | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="9" style="text-align: center;">Social security number</td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table> | Social security number | | | | | | | | | | | | | | | | | |
| Social security number | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter. | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="9" style="text-align: center;">Employer identification number</td></tr> <tr><td style="width: 20px; height: 20px; text-align: center;">5</td><td style="width: 20px; height: 20px; text-align: center;">5</td><td style="width: 20px; height: 20px; text-align: center;">-</td><td style="width: 20px; height: 20px; text-align: center;">0</td><td style="width: 20px; height: 20px; text-align: center;">7</td><td style="width: 20px; height: 20px; text-align: center;">6</td><td style="width: 20px; height: 20px; text-align: center;">5</td><td style="width: 20px; height: 20px; text-align: center;">8</td><td style="width: 20px; height: 20px; text-align: center;">8</td></tr> </table> | Employer identification number | | | | | | | | | 5 | 5 | - | 0 | 7 | 6 | 5 | 8 | 8 |
| Employer identification number | | | | | | | | | | | | | | | | | | | |
| 5 | 5 | - | 0 | 7 | 6 | 5 | 8 | 8 | | | | | | | | | | | |

| | |
|---|--|
| Part II Certification | |
| Under penalties of perjury, I certify that: | |
| 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and | |
| 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and | |
| 3. I am a U.S. citizen or other U.S. person (defined below). | |
| Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4. | |

| | | |
|------------------|----------------------------|-----------------|
| Sign Here | Signature of U.S. person ▶ | Date ▶ 11/23/15 |
|------------------|----------------------------|-----------------|

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

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 and 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, Architects offers full service architectural designs to their clients while remaining small and personal. The firm, consisting of two 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, each 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 completed by the firm include higher education, secondary education, commercial, professional offices, military, health care, automotive dealerships, churches, and tenant build-outs. Budgets for these projects ranged from \$50,000 up to \$50,000,000. Bastian & Harris, Architects has the proven experience and capabilities to provide services for a broad range of project sizes and types.

In May 2006, Chris Campbell joined the firm of Bastian & Harris, Architects and brought ten years of previous experience consisting of higher education and secondary education projects throughout the State of West Virginia. Doug Bastian retired in July 2015 and he continues to provide consulting services for the firm. John and Chris 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
jharris@bastianandharris.com
ccampbell@bastianandharris.com



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.

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
West Chapter of the American Institute of Architects, Board of Directors 1983-85 and 2005-2014
WV Contractors Association

Project Experience

Marshall University
Arthur Weisberg Family Applied Engineering Complex
Student Housing and Dining Facility Complex
Recreation Center
Memorial Student Center Lobby Renovations
Mid Ohio Valley Center
Renovations to Holderby Hall
Renovations to Harris Hall
Renovations to Buskirk Hall
Graduate College Renovations
Mountwest Community & Technical 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
West Virginia Wesleyan College
Virginia Thomas Law Center for the Performing Arts
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
Kesner, Kesner & Bramble Law Office
Trans Allegheny Building Renovations
Grubb Law Office Renovations & Historic Tax Credit
237 Capitol Street Facade / Lobby Facelift
BB&T Lobby Renovations
Hampton Inn Addition and Renovations
Blue Ridge Community and Technical College - New Headquarters Building



Chris Campbell

AIA, NCARB, LEED AP BD+C

Chris Campbell, AIA, is a registered architect and licensed since 2000. From 1996 to 2006, 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. In May 2006, Chris joined the firm of Bastian & Harris, Architects. Responsibilities include overall project development, design, construction documents, bidding, and construction administration.

Education

Bachelor of Architecture
University of Tennessee - 1996

Registration/License

Licensed in West Virginia - 2000
Certification by National Council of Architectural Registration Boards
Leadership in Energy and Environmental Design Accredited Professional (LEED AP BD+C)

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 2009
Intern Development Program State IDP Coordinator - 2000 to 2005

Project Experience with Williamson Shriver, Architects

Riggleman Hall, University of Charleston - Renovation of Administration Building
Erma Byrd Art Gallery, University of Charleston - renovation into new art gallery
Ram Stadium, Shepherd College - 2100 seat new facilities /support buildings
University High School - 217,000 sf new facility

Project Experience with Bastian & Harris, Architects

Marshall University Arthur Weisberg Family Applied Engineering Complex
Mountwest Community and Technical College - New Headquarters Building
Blue Ridge Community and Technical College - New Headquarters Building
Eastern West Virginia Community and Technical College New Classroom/Laboratory/Support Building
West Virginia Wesleyan College - Virginia Thomas Law Center for the Performing Arts
Kanawha County Schools - Auditorium Renovations at Five Area High Schools
Kanawha County Schools - Overbrook Elementary School Addition and Renovation
Kanawha County Schools - Ben Franklin Career and Technical Center - Additions and Renovations
Kanawha County Schools - Carver Career and Technical Center - Additions and Renovations
BB&T Tenant Build-Outs - General Services Administration - 9th Floor & 14th Floor
Spring Hill Baptist Church - Addition and Renovations
Buckhannon Toyota - Addition and Renovations
Bert Wolfe Toyota - Additions and Renovations
Lester Raines Honda - Addition and Renovations
River City Ford - Renovations
River City Subaru - Renovations
Moses Honda-Volkswagen - Huntington - Addition & Renovations
Moses Cadillac/Buick/GMC - Charleston - New Showroom Building and Service Renovations
Moses Cadillac/Buick/GMC - Huntington - New Showroom Building and Service Renovations

Projects

Higher Education

West Virginia Wesleyan College
Virginia Thomas Law Center for
Performing Arts

Marshall University
Arthur Weisberg Family Applied
Engineering Complex
Student Housing Complex
Harless Hall Dining Facility
John Marshall Commons
Residence Hall
Harris Hall Elevator and Emergency
Generator Addition
Renovations to Holderby Hall
Renovations to Buskirk Hall
Memorial Student Center
Lobby Renovations
6th Avenue Parking
Mid-Ohio Valley Center
Art Department Renovations
3rd Avenue Parking Structure
(Criteria Developer)
Corbly Hall Structural Repairs and Roof
Replacement
Twin Towers Elevator Replacement
Drinko Library and Science Building
Upgrades and Repairs
Gullickson Hall and Cam Henderson
Center Upgrades and Repairs
Joan C. Edwards AV Cabling Upgrade
Henderson Center Sound Reinforcement

Marshall University Graduate College
Blue Ridge Community & Technical College
New Headquarters Building
Mountwest Community & Technical College
New Headquarters Building
Fairmont State College Wallman Hall
Fred Eberle Technical Center Re-Roofing
Glennville State College
Health & Physical Education Building
Elevator Addition
Roof Replacement
Fine Arts Building Roof Replacement

Eastern WV Community & 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 & Door Replacement
Clendenin Elementary New Windows
and Masonry Repairs

Kanawha County Schools - Additions:
Ben Franklin Career Center Addition
Carver Career Center Addition
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

Projects

Commercial

Enhancements to Caperton Center (Tamarack)
South Hills Shopping Center Renovations
Holiday Inn Renovations - Civic Center
Buckhannon Toyota
Bert Wolfe Toyota Addition and Renovations
Moses Automotive
 Factory Outlet - Corridor G & Teays Valley
 BMW Addition & Renovations
 Honda Volkswagen Dealership
 Cadillac Buick GMC - Charleston
 Cadillac Buick GMC - Huntington
 Fiat Showroom Expansion
 Ford Showroom Expansion
 Ford Lincoln Pre-Owned Enhancement
Goldy Auto Chrysler Jeep Dodge Ram New Facility
Joe Holland Chevrolet
Lester Raines Honda Renovations
River City Ford Renovations
River City Subaru Renovations
L&S Toyota Exterior Building Renovations
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 Sports Center
Comfort Inn Addition and Renovations
Comfort Inn Elevator Addition
Hampton Inn Addition and Renovations
Ramada Inn Renovations
7-11 - Corridor G
Holiday Inn Express - Charleston

Professional Offices

Kesner, Kesner & Bramble Law Office
New England Financial Renovations
Go-Mart Corporate Offices
beBetter Networks Office Renovations
Trans Allegheny Building Renovations
Herman Eye Center
Bailey & Glasser
Ranson Law Office Renovations
Robinson McElwee - Clarksburg
United States General Services Administration
 Office Renovations
Marshall Miller & Associates Office Build-Out
Goodwin & Goodwin Office Renovations
237 Capitol Street Facade / Lobby Facelift
Grubb Law Office Renovation and
 Historic Tax Credit
Norfolk Southern New Yard Office - Williamson, WV

Military

West Virginia Army National Guard
 Moorefield Readiness Center

Banking

Branch Banking & Trust Lobby Renovations
Branch Banking & Trust Tenant Build-Outs
 4th, 6th, 8th, 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
Pioneer WV Federal Credit Union Drive-Up Facility

Health Care

Hospice Administrative Offices
Hospice - Lewisburg
Hospice - Kanawha City
Hospice - Existing Building Renovations
Hospice - West
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
 Wellness Center

Churches

Bible Center Church Addition and Renovations
Peoples Baptist Church Fellowship Hall Renovation
Cross Lanes United Methodist Church Addition
Blessed Sacrament Parish Hall
Bible Baptist Church of Danville
Madison United Methodist Church Addition
Emmanuel Baptist Church
First Baptist Church of Eleanor
Calvary United Methodist Church Addition
 and Renovations
Spring Hill Baptist Church Renovations
Maranatha Baptist Church Renovations
St. Matthews Church Renovation

Partnership & Customer Service

The philosophy of Bastian & Harris, Architects is predicated on the desire to establish a long term relationship with all clients. Because of this, quality control during the production of all services becomes key. It is our belief that change orders are eliminated during the construction document phase and therefore do not become a management issue during the construction administration phase. We take this into consideration in selecting the MEP and structural design consultants for each project. Our continued use of these principal consultants is due to their ability to coordinate during preparation of construction documents and to provide clear and concise plans and specifications centered around the Owner's guidelines and standards.

Likewise, specification sections fully delineate the requirements for Contractor to provide complete and well catalogued Operations and Maintenance Manuals as part of the closeout procedures. Final payments are never authorized to a Contractor unless this documentation has been submitted and accepted by the Owner. This frequently will include video records of Owner training session for systems within the building. This generally includes temperature controls and technology and security systems along with any other specialty systems such as audio-visual or theatrical lighting controls.

As a small firm, we believe that providing a continuity of personnel enhances our ability to provide quality control throughout the project. This continuity of personnel between the initial design, throughout the design and construction document preparation, as well as through the construction administration and closeout procedures allows Owner a one source of contact for all disciplines.

We feel that the best mechanical, electrical, and structural engineers typically own their own firms rather than practicing as part of a larger organization. This has allowed us to remain relatively small and better weather down turns in economy. It also allows us to focus on a relatively smaller work load of select projects instead of consistently looking for work with every project that comes out. It is this ability to include MEP and structural consultants that allows our smaller firm to undertake projects ranging from \$50,000 to upwards of \$50 million.

In addition, we have demonstrated over the years the ability to team with nationally recognized architectural consultants to further enhance our expertise where Owners projects dictate a larger presence or require specific project experience. In the past, we have teamed with firms such as Hastings+Chivetta from St. Louis, Missouri, Einhorn Yaffee Prescott out of Washington, DC and GBBN with offices in Pittsburg, Pennsylvania and Cincinnati, Ohio when specific project needs dictate.

Our methodology has served us well and resulted in multiple projects for Kanawha County Schools and Marshall University where we have established long-term relationships with personnel responsible for their construction projects. Apart from a desire to do a good job, delivered in a reasonable time, on budget, and with fair compensation, we really do not have specific project management tools or clearly defined procedures. It simply boils down to a desire to commitment and providing quality architectural services to each and every client.

Marshall University

Arthur Weisberg Family
Applied Engineering 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: February 2015
Construction Cost: \$50,000,000

Services Provided: Full A/E
Size: 145,000 sf

General Contractor:
BBL Carlton
600 Kanawha Boulevard, East
Suite 200
Charleston, WV 25301
304/345-1300



This project consists of 4-stories of occupied space plus a mechanical penthouse on the 5th Floor. Facility includes classroom space, faculty offices, administrative offices, computer labs, research and teaching laboratories for Computer Science, Engineering, Safety, Marshall University Research Corporation (MURC) Offices and Incubator Facilities, and the College of Science. The combination and arrangement of teaching, research, and office spaces are intended to foster collaboration between the Colleges. This building is designed to achieve LEED Silver Certification.



Projects

B&H
Bastian & Harris
ARCHITECTS



Marshall University

Harless Hall Dining Facility
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: \$7,952,946

Services Provided: Full A/E
Size: 19,863 sf

General Contractor:
Neighborgall Construction
C.R. Neighborgall
PO Box 281
Huntington, WV 25707
304/525-5181



This project consists a 17,000 sf new dining facility seating 300. The Dining Hall is comprised of steel frame and masonry bearing with curved curtainwall in dining area overlooking terrace.



Projects

B&H
Bastian & Harris
ARCHITECTS



Marshall University

John Marshall Commons Residence Halls
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: \$20,895,947

Services Provided: Full A/E
Size: 153,028 sf

General Contractor:
Neighborgall Construction
C.R. Neighborgall
PO Box 281
Huntington, WV 25707
304/525-5181

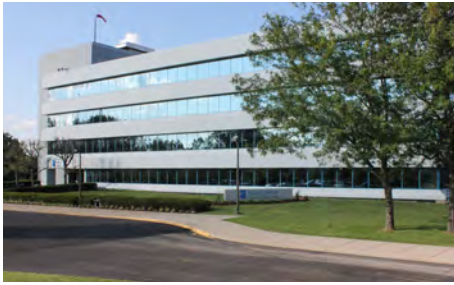
This project consists of four 125-bed dormitory buildings. The Dormitory buildings are comprised of CMU bearing walls with precast concrete plank floors and non-bearing partitions of gypsum board on metal studs. HVAC system is a pipe system with corridor mounted air handlers to minimize intrusion into student occupied spaces.





Mountwest Community & Technical College

New Headquarters Building
Huntington, West Virginia



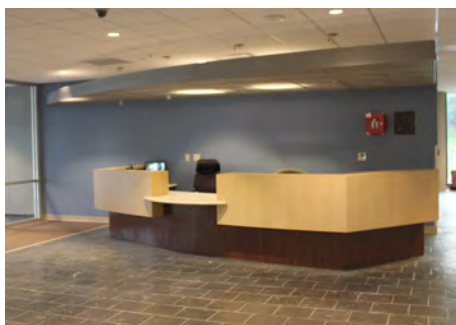
The Community & Technical College underwent an extensive study to evaluate potential sites and locations for their new headquarters building. As a result, the college selected the thirty plus year old Ashland Coal Company Building. The overall building was in good condition but needed extensive upgrades and enhancements to building infrastructure some of which had been previously deferred maintenance. The building now houses administration offices, student services, classrooms, laboratories, and faculty offices.

Owner:
Mountwest Community & Technical
College
Dr. Keith Cotroneo, President
One Mountwest Way
Huntington, WV 25701
866/676-5533

Completion Date: February 2013
Construction Cost: \$10,800,000

Services Provided: Full A/E
Size: 105,000 sf

General Contractor:
Neighborgall Construction
1216 7th Avenue
Huntington, WV 25707
304/525-5181



Blue Ridge Community & Technical College

New Headquarters Building
Martinsburg, West Virginia



This community & technical college building is the new headquarters building for Blue Ridge. The three-story building houses general classrooms, flexible classroom spaces, chemistry, biology and anatomy laboratories, nursing, home health and EMS laboratories, faculty and administrative office spaces. The two-story lobby area contains an internet cafe, student lounge area, and bookstore. Building structure is comprised of brick veneer over cold-formed framing with a steel frame. All windows are fixed aluminum storefront / entrance frames with insulated glass. Roofing is simulated slate shingles on sloped areas with EPDM on low-sloped areas. Interior public spaces are comprised of painted gypsum board over steel furring or steel studs, porcelain tile, resilient flooring, and carpet, suspended acoustical ceiling system.

Owner:
Blue Ridge Community & Technical College
Dr. Peter G. Checkovich, President
13650 Apple Harvest Drive
Martinsburg, WV 25403
304/260-4380

Completion Date: July 2012
Construction Cost: \$14,500,000

Services Provided: Full A/E
Size: 55,000 sf

General Contractor:
Morgan-Keller Inc.
70 Thomas Johnson Drive, Suite 200
Frederick, MD 21702
301/663-0626





Eastern WV Community & Technical College

Classroom/ Laboratory/ General Support Building
Moorefield, West Virginia

Projects



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

General Contractor:
G&G Builders, Inc.
500 Corporate Center Drive Suite 550
Scott Depot, WV 25560
304/757-9196



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.



B&H
Bastian & Harris
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West Virginia Wesleyan College

Virginia Thomas Law Center for Performing Arts
Buckhannon, West Virginia

Projects



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

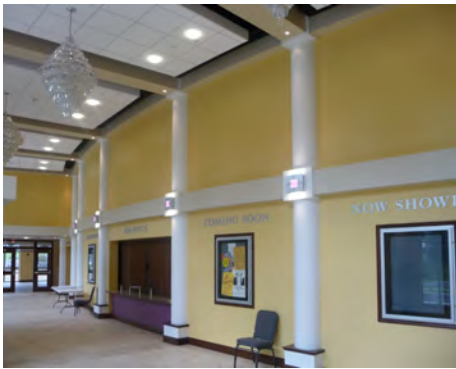
Completion Date: February 2009
Construction Cost: \$6,550,000

Services Provided: Full A/E
Size: 19,000 sf

General Contractor:
High Point Construction Group, LLC
PO Box 577, Rt. 6 Box 302
Buckhannon, WV 26201
304/472-5595



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

General Contractor:
Radford & Radford
850 Ragland Road
Beckley, WV 25801
304/252-5240





HospiceCare

HospiceCare Administrative Offices
Charleston, West Virginia

Projects



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

Completion Date: Construction Cost:
November 2008 \$3,155,585

Services Provided: Size:
Architectural as 17,800 sf
part of design build

General Contractor:
Pray Construction
4964 Teays Valley Road
Scott Depot, WV 25560
304/755-4944

This facility provides administrative offices and workspace for HospiceCare of WV in Charleston. Construction is one steel frame with metal stud infill on slab on grade. Exterior is a blend of brick with horizontal CMU accents and exterior insulation and finish system panels. Tile covered pylons support canopy areas and provide locations for icon signage. Building organization allowed all offices to have windows while open cubicle work station areas are located below a 25'x25' pyramid skylight. Rooftop equipment is screened by EIFS accent panels.



Automotive Dealerships

Various Dealerships and Manufacturers

Projects



Bastian & Harris Architects has experience with several automotive manufacturers facility image programs and can provide design assistance for your dealership. Completed projects include new facilities, additions, renovations, new showrooms, multi-manufacturer dealerships, service departments, and exterior / interior finish upgrades.

Completed Projects

Additions and Renovations to Buckhannon Toyota
Moses Automotive

Factory Outlet - Southridge & Teays Valley

Honda / Volkswagen

Cadillac / Buick / GMC Downtown - Charleston

AutoMall Cadillac / Buick / GMC - Huntington

Fiat & Alfa Romeo

Ford Showroom Expansion

Ford / Lincoln Pre-Owned Enhancement

Goldy Chrysler Jeep Dodge Ram New Facility

Joe Holland Chevrolet

Renovations to Bert Wolfe Ford

Additions and Renovations to Bert Wolfe Toyota

Renovations to L&S Toyota

Renovations to River City Subaru - Huntington



Projects Currently Under Design / Construction

Additions and Renovations to Lester Raines Honda

Additions and Renovations to Moses BMW

Renovations to River City Ford

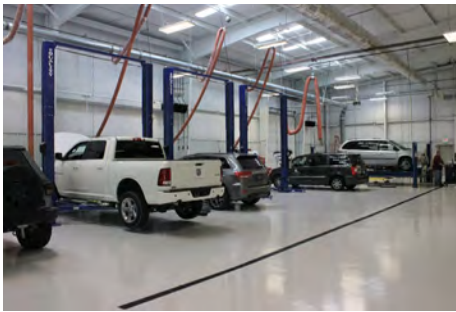
Renovations to Bert Wolfe Pre-Owned



Automotive Dealerships

Various Dealerships and Manufacturers

Projects



Adaptive Reuse Projects

Miscellaneous Projects involving adaptive reuse of historic downtown Charleston properties. In each case these buildings were rehabilitated using US Department of Interior criteria and received certification from the National Park Service to qualify for historic tax credits.



References

Ron May, Director of Facilities Planning and Management
Marshall University
One John Marshall Drive
Huntington, West Virginia 25755

Phone: 304/696-6294

Richard Donovan, Assistant Director of Facilities
West Virginia Higher Education Policy Commission
1018 Kanawha Blvd., East, Suite 700
Charleston, West Virginia 25301

Phone: 304/558-0281

Dr. Keith Cotroneo, President
Mountwest Community & Technical College
One Mountwest Way
Huntington, West Virginia 25701

Phone: 304/710-3355

Dr. Pete Checkovich, President
Blue Ridge Community & Technical College
13650 Apple Harvest Drive
Martinsburg, West Virginia 25403

Phone: 304/260-4380

Charles Wilson, Executive Director
Facilities Operations
Kanawha County Schools
3300 Pennsylvania Avenue
Charleston, West Virginia 25302

Phone: 304/348-6148

Ikie Light, Owner
River City Subaru / River City Ford
5223 US Route 60 East
Huntington, West Virginia 25705

Phone: 304/736-7777

Bob Moses, Owner
Moses Cadillac Buick GMC
1406 Washington Street, East
Charleston, West Virginia 25301

Phone: 304/343-5534

Phil Parsons, Customer and Public Relations Manager
Bert Wolfe Toyota
1900 Patrick Street Plaza
Charleston, West Virginia 25312

Phone: 304/344-1601

Greg Barr, General Manager
West Virginia Parkways, Economic Development and Tourism Authority
PO Box 1469
3310 Piedmont Road
Charleston, West Virginia 25325-1469

Phone: 304/926-1900

Larry Robertson, Executive Director
HospiceCare
1606 Kanawha Boulevard, West
Charleston, West Virginia 25302

Phone: 304/768-8523



824 Cross Lanes Dr. Charleston, WV



5 Riddle Court, Morgantown, WV

Services

CMA Engineering is a West Virginia based small business firm, providing services in the areas of HVAC, plumbing, fire protection and electrical engineering. Incorporated in 1986, our firm has always believed that a successful project requires a comprehensive approach. This includes all facets of project development, starting with master planning, working closely with the client, developing the completed construction documents, and working with contractors during the bidding and construction administration phases. However, our depth of expertise goes far beyond the traditional design/bid/build service. CMA Engineering is a proven leader in the design/build delivery method. From developing the performance design criteria for owners to designing the mechanical, electrical and plumbing systems for contractors, CMA has an impressive portfolio of design/build experience.

CMA Engineering maintains its reputation of design and service quality by keeping informed of the latest innovations and technical trends regarding energy-efficiency and sustainability in mechanical, electrical and plumbing design. CMA is the engineer on record for the design/build team for the new West Virginia Consolidated DEP Office Building, the first LEED certified building in the State. Our staff includes an accredited professional for the Leadership in Environmental and Energy Design (LEED) and we incorporate the most efficient and sustainable "green" designs in all of our projects.

History

CMA Engineering has provided engineering design services on numerous projects of varying size and complexity. Clients include architects, industrial companies, governmental agencies, contractors, engineers, developers and private organizations. With offices strategically located in Charleston and Morgantown, our professional staff can provide clients with exceptional hands-on services for planning, meetings, site visits and construction administration without effecting the project's budget.

Experience

For over 29 years, CMA has provided electrical and mechanical design and contract administration services to various projects throughout West Virginia. These facilities and projects range from the new West Virginia National Guard armories at Moorefield and Elkins to the new WVDOT headquarters in the various districts to the electrical design and specifications for the New Summit Bechel National Scout Reserve. Many times, special site-related issues have complicated design due to remote locations, poor water quality or pressure, unreliable local power systems, etc. CMA has consistently met the challenges and exceeded expectations by customizing design to address all concerns while staying within project schedules and budgets.

Clingenpeel/McBrayer & Associates, Inc.

824 Cross Lanes Drive Charleston WV, 25313
(304) 343-0316 phone (304) 343-5146 fax

5 Riddle Court Morgantown, WV 26505
(304) 598-2558 phone (304) 598-2472 fax



Timothy L. Cox, P. E., CBCP

President
Mechanical Engineer
(304) 598-2558
tcox@cmawv.com

Education

University of Colorado
Boulder, Colorado
Bachelor of Science in Mechanical Engineering

Registrations/Professional Affiliations

Registered Professional Engineer in WV, VA, MD, KY
Association of Energy Engineers-CBCP
CPD (Certified in Plumbing Engineering)
Member of ASHRAE
American Society of Plumbing Engineers
National Association of Fire Protection Engineers
WV Society of Healthcare Engineers
WV Chapter of A.I.A.

Experience

Timothy Cox, President and Senior Mechanical Engineer of CMA Engineering, brings 32 years of mechanical and plumbing design experience to our clients. Timothy is a Certified Building Commissioning Professional through Association of Energy Engineers.

Project Experience

Design/Build-Criteria Development

Morgantown Events Center
West Virginia University Intermodal Parking
Marshall University Parking Facility
Yeager Airport Facility

Educational Facilities K-12

New Rainelle Elementary School
Salem Middle School Classroom Addition
South Harrison High School HVAC Replacement
South Harrison Middle School HVAC Upgrades

West Virginia University-Open End Contract since 1999

Coliseum Life Safety Renovations
New Soccer Stadium
New Wrestling Training Facility
Engineering Science Building Addition & Renovations

Military Experience

New Moorefield Readiness Center
New Elkins Readiness Center
Gassaway Armory Addition & Renovations
St. Albans Armory Addition

Mylan Pharmaceuticals, Morgantown, WV

Various projects including HVAC plumbing, fire sprinkler and controls for new North Plant expansion, office building, fluid bed addition, parking garage and weighing and packaging

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Daniel L. Ellars, P. E., LEED AP BD+C

Principal
Electrical Engineer
(304) 343-0316
dellars@cmawv.com

Education

West Virginia University Institute of Technology
Montgomery, WV
Bachelor of Science in Electrical Engineering

West Virginia State University
Institute, WV
Bachelor of Science in Business Administration

Registrations/Professional Affiliations

Registered Professional Engineer in WV, PA
Leadership in Energy & Environmental Design-
Accredited Professional-Building Design and Construction
U..S. Green Building Council
Member of ASHRAE
National Fire Protection Association
Institute of Electrical & Electronics Engineers
WV Chapter of A.I.A.

Experience

Daniel Ellars, senior electrical engineer for CMA Engineering, brings 23 years of electrical design and project management experience to our clients.

Project Experience

Recreational Facilities

Summit Bechtel National Scout Reserve
Canaan Valley Ski Resort

Educational Experience

New Talcott Elementary School
New Fairdale Middle School
Chamberlain Elementary-Elevator Addition
East Bank Middle School HVAC and Lighting Renovations
New Pikeview Middle School
Nitro High School Commons Area Renovations

Military Experience

New Moorefield Readiness Center
New Elkins Readiness Center
St. Albans Armory-Addition and Renovations
Gassaway Armory-Addition and Renovations
Welch Armory Electrical Upgrades
Bluefield Armory Electrical Upgrades
Dunbar Armory Electrical Upgrades

WV Department of Transportation

New District 1 Administration Building
New District 8 Administration Building
New District 7 Administration Building

Clingenpeel/McBrayer & Associates, Inc.

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5 Riddle Court Morgantown, WV 26505
(304) 598-2558 phone (304) 598-2472 fax



Matthew C. Corathers, P.E.

Mechanical Engineer
(304) 598-2558
mcorathers@cmawv.com

Education

West Virginia University
Morgantown, WV
Bachelor of Science in Mechanical Engineering

Registrations/Professional Affiliations

Registered Professional Engineer in WV
ASHRAE
WV Society of Healthcare Engineers

Experience

Matthew Corathers, mechanical engineer, brings nine years of Mechanical design experience and project management to our clients.

Project Experience

Health Care Experience

Davis Memorial Hospital-New Addition
Davis Memorial Hospital-Laundry Renovation
Davis Memorial Hospital-Procedure Room Renovations
Monongalia General Hospital- Pharmacy Clean Room Modifications
Monongalia General Hospital-Computer Server Room Modifications

Military Experience

New Moorefield Readiness Center
Gassaway Armory Renovations
St. Albans Armory Addition & Renovations

Educational Facilities

Harrison County Schools-Fire Alarm replacement at Robert C. Byrd High School, Nutter Fort Elementary and Lost Creek Elementary
South Harrison High School-HVAC Renovations
University High School-HVAC Upgrades for use as a middle school
New Rainelle Elementary School-HVAC Design
Aurora Elementary School Addition-Mechanical Design

West Virginia University

New Child Care Facility
New Intermodal Parking Facility
Laboratory Renovations to Engineering Science Building

Municipal Buildings

Monongalia Family Court Renovations
New Walnut Street Sheriff's Office
Randolph County Family Court

Clingenpeel/McBrayer & Associates, Inc.

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(304) 343-0316 phone (304) 343-5146 fax

5 Riddle Court Morgantown, WV 26505
(304) 598-2558 phone (304) 598-2472 fax



Larry A. Weese

Plumbing Designer
(304) 343-0316
lweese@cmawv.com

Education

West Virginia University
Morgantown, WV
Master of Science, Bachelor of Science-
Division of Forestry

Professional Development

Various seminars and technical sessions

Experience

Larry Weese brings 20+ years of mechanical and plumbing design and project management experience to our clients.

Project Experience

Medical Facilities

Davis Memorial Hospital– Addition
Louis A. Johnson Veterans Hospital-Laboratory Renovations
Louis A. Johnson Veteran’s Hospital-Solarium Renovation
Hess Medical Office Building-New Facility
Southern West Virginia Hospice-New Facility
NorthGate Doctor’s Office Building-New Facility
Mercer County Nursing Home

Military Facilities

St. Albans Armory Addition and Renovations
Gassaway Armory Renovations
New Elkins Readiness Center
New Moorefield Readiness Center

Emergency Response Facilities

Randolph County 911-New Facility
Mason County 911-New Facility
Raleigh County 911-New Facility
Orchard Manor Fire Station-New Facility

Industrial Experience

Standard Laboratories-Laboratory Addition
Dow Process Control-New Facility
Diamond Electric-Expansion

Commercial Experience

Bobcat of Advantage Valley-New Facility
Allegheny Springs Restaurant

Clingenpeel/McBrayer & Associates, Inc.

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Summit Bechtel National Scout Reserve



CMA Engineering provided the electrical designs and specifications for the recently completed Summit Bechtel National Scout Reserve (SBNSR) at Mount Hope, WV. SBNSR is to serve as the new permanent home and headquarters for the Boy Scouts of America (BSA) for their quadrennial National and World Jamborees and for their annual High Adventures and other various activities and events. CMA was instrumental in the early design phases of the project to ascertain the specific needs of the BSA for the facility, to identify required power loads, and to prioritize these loads in order of their necessity. Working closely with the BSA, with a host of their national and international consultants, and with American Electric Power (AEP), CMA compiled load data and made calculations of various power scenarios for the campus. A maximum of 7 MegaWatts was allowed for the facility and the designs were completed based on value. As a result, over 20 miles of single-phase and three-phase medium-voltage cables and the associated conduits were installed underground along the roadways for the new campus comprising six different campsites and a core area spread over more than 1,000 acres. When completed, the core area is to include an amphitheater, bus terminals, visitor's center, zip-line stations, and a museum and headquarters office building for the BSA. Three separate medium-voltage circuits were provided to the west end of the site by AEP and a switching station was set up at the east end to serve the dozens of loop-fed, pad-mounted transformers which were distributed around the site at key locations to minimize voltage drop and to provide a high level of power reliability. All power and telecommunications cabling and conduits are underground. Six cellular towers on the site work in conjunction with 125 individual wireless stations at the campsites to provide wireless capabilities to all of the occupants. CMA also provided lighting and power design for the 375 bath houses on site and coordinated the interconnections between them and the campus infrastructure. The BSA recently christened the site this past summer of 2013 with its first National Scout Jamboree.



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CMA Engineering provided the electrical designs and specifications for the renovations and upgrades for the winter ski facilities at Canaan Valley Resort and Conference Center. The improvements included interior remodeling of three of the existing buildings for skier services and support adjacent to two of the three main lift stations, plus a new skier warming and rest station for the relocated tube run park. Interior remodeling work included lighting, HVAC and plumbing fixture replacements. Exterior work included renovations of an outdoor plaza for skiers with pole lights and a fire pit. Two new skier conveyors were added at the site, one for a new beginners slope area and one for the new tube run park. Exterior, weatherproof, pad-mounted 480-volt, three-phase switchgear was installed at the base of the two main lifts to serve the new conveyor, site lighting and new snow making equipment for the ski slopes and at a water booster pumping station at the mid-point elevation. Similar switchgear and a transformer were installed to serve the new buildings at the tube run park, site lighting, conveyor and snowmaking equipment for the tube run slopes. New exterior lighting fixtures and hinged poles were installed adjacent to the new conveyors to provide night use of the facilities. Two existing 208-volt, three-phase power services were upgraded for the improvements. Power services for the existing buildings were upgraded to provide both ground-fault and surge protection. CMA worked closely with Monongahela Power, the local power utility, on the power services and improvements and coordinated with another electrical design consultant at the site to provide new fiber-optic telecommunications services between the ski area facilities and the Park's main lodge while other renovations were in progress at the lodge.

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**Falcon Center-
Fairmont State University**



CMA Engineering provided mechanical, electrical and plumbing design services for the new 113,000sf student recreation center at Fairmont State University. The facility features a four-lane lap pool, whirlpool and sauna; two large gymnasiums, a 7,000sf fitness equipment room, indoor running track, kitchen, dining and conference center, bookstore, copy center, Student Health Services, Student Government Offices and Public Safety Offices.



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University Pointe-Concord University



CMA Engineering provided mechanical, electrical and plumbing design for new 16,118st facility which houses Erickson Alumni Center, the Wilkes Family Chapel, the Wilkes Museum and offices. The lower level includes space for a future banquet hall.

WVNG Elkins Readiness Center



CMA Engineering provided design of HVAC, plumbing, fire sprinkler and fire alarm systems, and electrical systems for new 54,500sf readiness center, which included a 3,227sf free standing vehicle maintenance building. The center includes classrooms, computer labs, a fitness center and a recreation room with a basketball court. All systems were designed utilizing LEED criteria.

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Residence Halls-University of Charleston

CMA Engineering provided mechanical, electrical, plumbing and fire protection design services for the design/build of two new four-story Dormitories, constructed during the summers of 2004 and 2005. In 2005 CMA provided design for the addition of a wing to the second dormitory.



Fairfield Inn, Morgantown, WV

CMA Engineering provided HVAC, fire sprinkler, fire alarm, plumbing, electrical lighting/power and communications design for new 95 room facility of approximately 50,000sf with a 10,000sf open 3 commons area.



Silver Tree Suites, Deep Creek, MD

CMA provided mechanical, electrical, plumbing, fire protection and fire detection design services for new 30,000sf residential complex consisting of four floors.



Jefferson Place, Charleston, WV

CMA Engineering provided mechanical, electrical, plumbing and fire protection design services for new medical apartment complex consisting of 24 units of one, two and three bedroom apartments.



Camp 4, Snowshoe, WV

CMA Engineering provided mechanical, electrical, plumbing and fire protection design services for townhouse complex consisting of four buildings with four 1,600sf units per building.



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Greenbank NRAO Visitors Dormitory

CMA Engineering provided mechanical, electrical, plumbing and fire sprinkler design services for the new visitors dormitory at Greenbank. CMA also provided design services for the new visitors science center.



Bed Suite Housing Residence Hall

CMA provided mechanical, electrical, plumbing and fire sprinkler design services for developing the design build criteria for the new 110,000sf bed-suite housing residence hall.



Beech Fork State Park

CMA Engineering providing mechanical, electrical and plumbing design services for 8 new cabins, a new bathhouse, 237 camping sites and sewage treatment system.



Snowshoe Mountain Resort

CMA Engineering provided design for HVAC, electrical, plumbing, fire alarm and fire sprinkler systems for new Allegheny Springs Lodge. CMA also provided engineering services for the fit-out of such restaurants as the Foxfire Grille, Junction Restaurant and Village Bistro located at the Village in Snowshoe.



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West Virginia University Intermodal Parking Facility



CMA Engineering provided engineering services to develop performance criteria data for a new intermodal parking facility located on the Health Sciences Campus in Morgantown, WV. The initial phase of the project is to create a 500 space parking garage expandable to 1500 spaces with offices, retail and storage space.

Morgantown Events Center



CMA Engineering provided engineering services for the criteria development and preparation of RFP for Design/Builders for new 80,000sf multi-purpose event center and parking structure.

Parkersburg Transit Authority



CMA Engineering provided mechanical, electrical and plumbing design services for developing the design criteria for the new 5 floor Transit Authority Facility which includes 378 space parking garage, office areas, transit station, and passenger waiting area.

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Ayash Community Center, St. Albans, WV



CMA Engineering provided design for HVAC, plumbing, fire sprinkler, fire alarm systems, communication systems, lighting and electrical power for new 26,900sf community center which included gymnasium, wrestling room, fitness room, locker rooms and an open area for aerobics, dance and gymnastics.

Jefferson County Community Center



CMA Engineering provided mechanical, electrical and plumbing design services for developing the design criteria for new 18,900sf community center which included gymnasium with bleacher seating, lobby area, activity rooms, office space, a full service kitchen, storage and comfort facilities.

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CMA Engineering provided mechanical, electrical and plumbing design services for the new 24,500sf visitors center at the National Radio Astronomy Observatory at Green Bank, WV. Facility includes a 4,000sf exhibit hall, auditorium, classrooms and computer laboratories, retail gift shop, glass observation lobby, café and offices.



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Concord Residence Halls-Fire Sprinkler Upgrades

In 2008, CMA provided mechanical, electrical and plumbing design services for the replacement of the fire sprinkler systems for Towers, Wilson and Woodell Residence Halls. Project also included a new fire pump system.



Boreman Hall Dormitory-West Virginia University

CMA provided mechanical, electrical and plumbing engineering services for the upgrade of the fire sprinkler, fire alarm and HVAC systems. CMA had previously provided design services for the upgrade to the plumbing system.



WV DHHR-Office of Chief Medical Examiner, Charleston, WV

CMA Engineering provided mechanical, plumbing, standard and emergency electrical power, lighting, communications and fire alarm systems design services for the renovation of 619 Virginia Street, West into the State Medical Examiners facility. Project encompassed the renovation of the first floor area (11,800sf) into storage rooms, offices, laboratory space and autopsy space.



Upper Kanawha Valley Technological Community Building, Montgomery, WV

CMA Engineering provided mechanical, electrical and plumbing design services for the tenant fit-out of the first floor space, including reconfiguration of the toilet rooms, reception area, auditorium, laboratory space, administrative offices, executive conference room and directors office for use by the Printing Innovation Center.



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