



Mr. Dean Wingerd
Department of Administration
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305

October 14, 2014

REF: DNR150000007

Dear Mr. Wingerd:

In response to your qualifications request for the professional Architectural and Engineering Design services, the E.T. Boggess, Architect, Inc. team is pleased to submit information regarding our experience and specialized expertise. Our team offers a wide range of professional services, including:

- Architectural Design Services for the State of WV
- Site Evaluation and Analysis
- Commercial Laundry Mechanical/Electrical/Plumbing Engineering
- Structural Engineering
- Civil/Site Engineering (specifically as it relates to wastewater treatment facilities)
- Construction Administration

I will be your architect and will be the person-in-charge for all aspects of the project. Our team is very familiar with the services provided and the spaces required by the DNR, especially at Pipestem State Park. We understand and appreciate the challenges that state agencies face and believe we offer the service, knowledge and experience you will need to successfully accomplish the new laundry facility with as little disruption to the daily operations of the park and its visitors as possible.

The ETB Team stresses a focus on client issues and mutually defined project objectives. Through this focus, we can assure the West Virginia Division of Natural Resources that needs and project issues will be clearly identified and addressed through an engaged, interactive programming, design, and construction process. Our design process will be conducted with an attention to detail, creative problem solving and passion towards project success. We value this opportunity to serve you and look forward to personally presenting our credentials.

Sincerely,

A handwritten signature in black ink, appearing to read 'Todd Boggess', is written over a printed name and title.

Todd Boggess, AIA, NCARB, Architect
President

10/14 11:45:29AM
West Virginia Purchasing Division

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Cover Letter

Qualifications & Technical Expertise

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Qualifications & Technical Expertise

Laundry Facility at Pipestem State Park

Pipestem State Park is truly one of our state's major tourist destinations. The natural beauty and size of the park creates a unique experience, regardless of the amount of time you get to spend there. Our employees and their families are fortunate to be so close to the park that we can visit several times a year. Whether we are able to spend a day on the golf course or attend a meeting or just picnic with our families, we all enjoy and appreciate everything that Pipestem has to offer.

The WVDNR has done an excellent job in constantly improving our park system and addressing the needs of visitors as well as employees. ETB has been fortunate to have assisted the WVDNR on previous projects at Pipestem, including:

- ✓ Conference Center Addition
- ✓ Kitchen Renovations
- ✓ Connecting Walkway/Bridge
- ✓ Picnic Shelters
- ✓ Clubhouse Deck
- ✓ Golf Course Toilets



Interior - Pipestem Conference Center Addition

We understand challenges that this project will entail, especially as it relates to potential locations. Stafford Consultants, Inc., located here in Princeton, is part of our team and has been involved with several wastewater treatment plants. Their civil/sanitary engineering experience will be vital to the success of this project.

Qualifications & Technical Expertise

Our team also includes CMA Engineering, Inc., a well-respected mechanical/electrical/plumbing engineering firm located near Cross Lanes. CMA has worked with us on new and renovation projects throughout the state, most recently on the DOH District One Office Building in Charleston. Their experience and understanding of the state, as well as our excellent relationship with them, will be vital to the success of this project.

The ETB team of professionals understands and appreciates the services provided by the WVDNR. As with all our projects, we strive to ensure that the original atmosphere of the surroundings is preserved. Pipestem State Park's natural beauty is one of its most appealing features and the new laundry facility should not deter from the natural environment in any way.



Pipestem Conference Center Addition

3.1.a. – COMMUNICATION

Communication, collaboration, and consensus are the three elements we feel are essential to the planning, design and building process. The architect is responsible for the finished product, but the design process must include guidance and review by you and representatives from the various agencies. Our goal is to develop a “*partnership*” with our clients – a relationship that includes a long-term commitment, trust, and shared vision. ETB believes architectural design should be an *interactive process*. We work closely with you to identify and define all your project goals, objectives, functions, responsibilities, and relationships. This interactive approach enables us to develop facilities that meet your requirements, as well as being aesthetically distinctive.



Qualifications & Technical Expertise

Methods

The Integrated Design Process is our process of design in which the users, owners, and the ETB team (architects and engineers) and project participants are all integral team members. This integrated process and the implementation of high performance design requires both efficiency and innovation. In our role with this team as the design leader and project organizer, ETB will be responsible for coordinating and orchestrating the work of the many disciplines and users involved throughout the design, documentation, and administrative functions of the project.

Utilizing the interactive design approach will best serve the needs of the WVDNR by allowing us to better identify your objectives and produce long-term solutions. Your project will be completed by emphasizing the following activities:

- **Understanding goals.** We develop a plan for identifying and prioritizing individual goals as a means for addressing the overall project.
- **Brainstorming ideas.** We investigate opportunities for greater service through value engineering, strategic partnering, or an alternative delivery method.
- **Assuring timelines.** We generate a management plan to fulfill deliverables and meet milestones on schedule. All team members participate in and monitor this plan.
- **Maintaining client contact.** We are accessible, convenient, and committed to success from the beginning through the design process, and after completion.
- **Inviting performance feedback.** We involve all team members and clients in project evaluation at closeout and determine how well time, cost, and design goals were met.

Project Management - Our project managers provide extraordinary leadership managing the team dynamics, budget, schedule, and the flow of information. The project manager's role also includes assisting the client with the management of services and consultants that may not be a part of this contract, but still may have an impact on workflow and infrastructure coordination. The effective implementation of your goals and objectives will be realized thru early and consistent collaboration among all the design disciplines. This will result in opportunities and challenges being discussed and addressed as we proceed thru the design process.

Project Schedule Management - Completing projects on time requires effective schedule management and a commitment of the entire project team, including the designated DNR representatives at the state and local level and the design team. The process begins with the development of the project schedule with input from each stakeholder engaged in the process. Accelerated schedules require even more dedication to benchmarks and deadlines, identifying production problems early and making the necessary adjustments before issues become too great to be effectively managed. We understand the Pipestem State Park is a very busy place and that the work needs to be accomplished with as little disruption to normal park activities and guest comfort as possible.

Quality Assurance - We feel quality assurance is the ability of an architect to provide the client with a set of documents that satisfies the client's needs and are as accurate as possible. ETB believes quality assurance is an ongoing process, not just a one-time occurrence. No project is perfect, however, we strive to achieve maximum client satisfaction. To that end, we have set the following goals for ourselves:



Qualifications & Technical Expertise

- Promote teamwork
 - within the office
 - with outside consultants
 - with regulatory officials
 - with representatives from the WVDNR
 - with representatives from Pipestem State Park
- Quality management throughout entire project – *Website*
- Prompt response to client's requests – *Availability*
- Creation of quality construction documents – *Purpose Driven*
- Error *prevention*, not error catching – *Standard Practices*
- Personal pride in our work - *Motivation*
- Education and Training in-house (staff mentoring) – *Continuing Education*
- Go the extra mile whenever necessary – *Service Oriented*

Information Management and Website Development

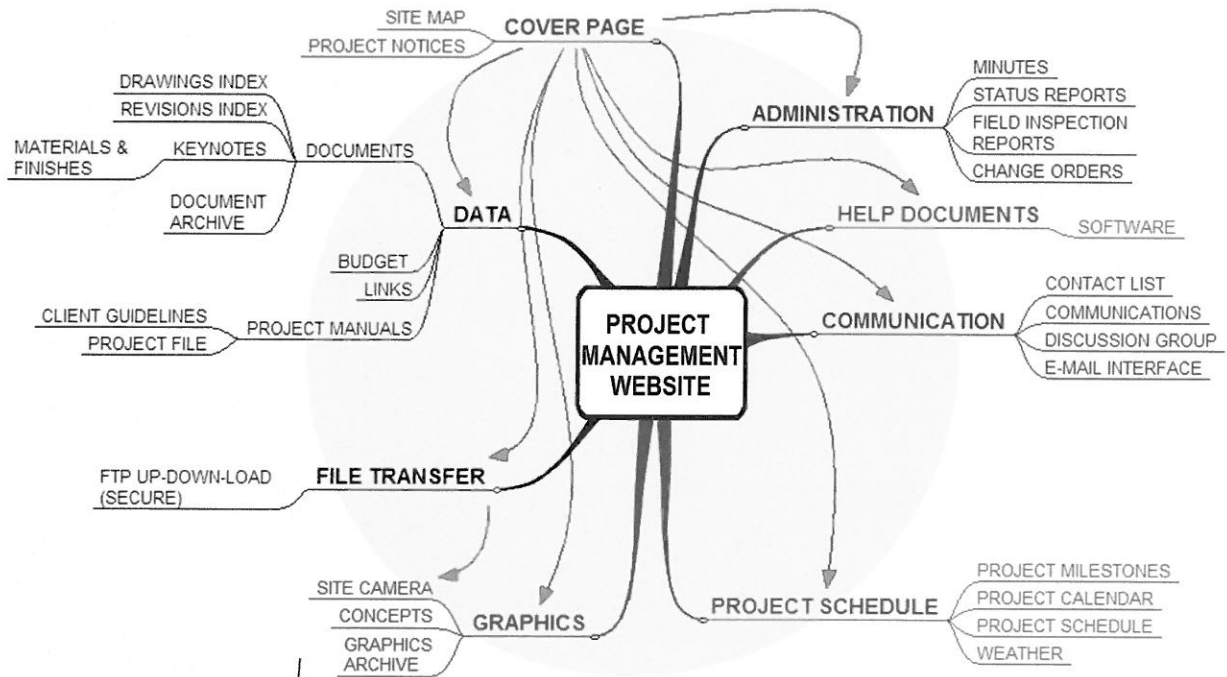
As mentioned previously, project coordination is ETB's responsibility. As a service to the client and for the sake of efficiency, ETB creates an online (secured and password protected) website for each project which functions as a project management tool. This method has proven very successful by keeping the client and the team members well informed and insuring that the latest information is always readily available. This has been a valuable tool to further ensure quality control/assurance standards are being maintained.

The site gives the project team, especially the Owner, direct access to project information, including:

- design plans
- imagery
- construction documents
- submittals
- logs
- field reports
- meeting minutes



Qualifications & Technical Expertise



WEBSITE MAP - As developed and managed by ETB architects

We maintain the site after the project is complete and this can provide the client with a valuable resource for ongoing Facilities Management.

The site has the following main information areas which may be expanded or adapted to meet the particular needs of the project:

Home Page

General information such as project description site location and site information.

Navigation Map

An outline of the Site Navigation structure.

Qualifications & Technical Expertise

Administration

All the latest administration documentation will be kept here, such as:

- Site Minutes
- Status Reports
- Field Inspection Reports
- Change Orders

Documents-Drawings

This is the working area of the Web-Site and will include an interface for Transfer of documents via FTP. The sections include:

- Drawings Index & Revisions
- Specifications & Keynotes
- LEED Documentation (if applicable)
- Drawings (CAD and PDF format)

Graphics

The Graphics page will provide an interface to view to Concept Models etc.

- Concept Graphics.
- Site Images.
- Job Camera
- Rendered Images.

Project Schedule

The latest version of the following will be kept here:

- Project Schedule
- Project Milestones
- Project Meetings/ Calendar
- Current Site Weather conditions

Communication

This page provides all the latest contact details of the parties involved in this Project. The sub-sections include:

- Contact List
- Communications
- Discussion Group
- E-mail interface

Help Documents

This page provides assistance on any issue related to the Project and the Web-Site. Software required for the use of this site (such as drawing viewers) can also be downloaded here.



Qualifications & Technical Expertise

TYPICAL PROJECT WEBSITE – by ETB architects



E. T. BOGCESS ARCHITECT INC
PO Box 727 101 Rockledge Ave. Princeton WV 24740-0727
Ph 304 425 4491 Fax 304 425 2028
<http://www.etbarchitects.com>



West Virginia Army National Guard / U. S. Army Reserve

ARMED FORCES RESERVE CENTER (AFRC)

Randolph County, Elkins, West Virginia.



PROJECT ADMINISTRATION MANAGEMENT HOME PAGE

WORKING PROJECT WEBSITE FOR CONSTRUCTION
PHASE. AUTHORIZED ACCESS ONLY ALLOWED

DISCLAIMER: THIS WEBSITE IS MAINTAINED FOR CONVENIENCE,
AND EASE OF COMMUNICATION ONLY. NO INSTRUCTION,
COMMUNICATION, OR OTHER DOCUMENT CONTAINED HEREIN WILL
BE CONSIDERED VALID IN TERMS OF THE CONTRACT. ALL DATA &
INFORMATION MUST BE VERIFIED AGAINST THE CONTENTS OF THE
ORIGINAL AUTHORIZED DOCUMENT. INFORMATION CONTAINED
HEREIN WILL NOT RELIEVE THE CONTRACTOR OF HIS
RESPONSIBILITY FOR MAINTAINING PROPER DOCUMENTATION AND
ADMINISTRATIVE OR OTHER DUTY WITHIN THE CONTRACTUAL
OBLIGATIONS.

[CONTACTS](#) | [CONSTR-ADMIN](#) | [KEYNOTES](#) | [DWG INDEX](#) | [DWG FILES](#) | [PROCEDURES & DATA](#)

PROJECT NOTICES

Preliminary bid dates proposed
**Elkins AFRC - Utility Extension
Contract**

ADVERTISEMENT AND 16ND	JULY FRI. 9TH
PRE-BID MEETING	JULY TUE. 20TH
ADDENDUM #1	JULY FRI. 23RD
LAST DAY FOR QUESTIONS	JULY WED. 28TH
ADDENDUM #2	JULY FRI. 30TH
BID OPENING	AUG. THU. 5TH

PROJECT DESCRIPTION

The proposed Readiness Center will consist of the primary facility, military equipment parking (MEP), and privately owned vehicle (POV) parking. The primary facility will be housed in an a 54,200 square-foot, single-story building with a drill hall.

The site is located approximately 8 miles west of Elkins, West Virginia and borders on U.S. Route 33 (Corridor H), a four-lane highway with limited access control. A new two-lane access road will be required up the hill to the usable area of the property.

The proposed site is approximately 112 acres and site occupies a hill in a large bend of the Tygart Valley River, with a large, mildly sloping hilltop and moderately steep -- to steep slopes down to the river. Approximately 90 of the 112 acres are wooded with another 22 acres of unreclaimed strip mine covered by pine trees and grasses. The site drains directly into the Tygart Valley



Qualifications & Technical Expertise

3.1.b. – PLAN

New Pipestem Laundry Facility

The plan to move the existing laundry area from the recreational facility at the end of the pool to a new building closer to McKeever Lodge will be very beneficial to the service employees. The existing facility has water damage and several issues that can be addressed in the new design. Controlling air quality and humidity will be very important as well as ensuring adequate drainage. Installing roll-up doors that will allow for easier access for receiving laundry is another item that should be considered for the new facility.

The following items will also be discussed and addressed as appropriate:

Water Consumption – Wash formulas and water consumption vary considerably by the program selected. Two gallons of water per pound of machine-rated capacity is appropriate.

Hot Water Consumption – Assume the rule of two-thirds of water consumed is hot. Incoming ambient water temperature subtracted from desired hot water temperature will give you the degree rise required for your hot water system. The hot water system tank should have enough storage for one hour's demand.



Drain Troughs – If a trough is used, it should be about 12 inches to 14 inches deep and 12 inches to 14 inches wide. For trough length, add total washer(s) width(s) and multiply by 1.2. Always plan for maximum drain capacity, which is all washers set at the highest water level draining at once.

Sewer Pipes – Must be sized large enough to take away in one minute, 0.7 gallons per pound times all rated washer capacities. Drain pipe sizing is as follows:

3 inches	=	100 gallons per minute
4 inches	=	200 gallons per minute
5 inches	=	350 gallons per minute
6 inches	=	550 gallons per minute

Dryers – Exhaust duct per dryer should be no longer than 14 feet straight with two 90-degree sweep bends. Use 45-degree angles where possible. Cleanouts should be installed at regular interval lengths. Multiple exhaust ducts entering a main common duct must be at 45-degree angles or less and must never be connected directly across from each other. Make-up air must be provided for each from outdoors.

Fresh Make-up Air Opening Requirements – 1 square foot required for each 30 lb single dryer. 1.25 sq.ft. required for each 55 lb single dryer. 1.5 sq. ft. required for each stack dryer and each 80 lb single dryer. Avoid drawing make-up air from the room with the washers.

Qualifications & Technical Expertise



Exhaust Ducting - .3 static back pressure is the maximum at the rear exhaust outlet of a dryer. If multiple dryers are connected to common duct, make sure the back draft damper is installed properly.

Labor Requirements – For a laundry with 135 lb wash capacity or less, provide one full-time employee (FTE) for each 55 lb of wash capacity. For a laundry with 135 lb wash capacity or more, provide one FTE employee for each 80 lb of wash capacity.

Budget and Cost of Construction

Schedules & Budgets - ETB understands the importance of ensuring that all schedules and budgets are met. Our past experience designing within the confines of strict budgets and tight construction schedules makes us even more diligent in these areas. Some of our most recent projects, especially for state agencies, have presented us with very rigorous scheduling goals. Our projects for the West Virginia School Building Authority have penalties built in if schedules and established budgets are not adhered to as an added incentive to meet the deadlines.

In the past year, we have projects that have come in under budget, as well as over budget. Whenever that occurs, our team will work with the Owner to determine items that can be “value engineered”. We make every attempt to reduce the cost, and, if necessary, will re-bid the project to obtain the best bid possible.



Qualifications & Technical Expertise

The first step in insuring that a project can be accomplished for a set budget is to adopt a realistic budget. Actual construction costs can vary greatly from the time that the original project budget is established and the project is actually bid. Some projects take years to come to fruition. Having the knowledge and understanding of current construction conditions, including cost of materials and labor, as well as current workloads for local contractors, are valuable tools in anticipating fluctuations in the anticipated cost.

ETB will make every effort to insure that the project will come in within the established budget. To that end, our plan involves updating the projected cost of construction at every phase of the design process. Other aspects that are important to controlling the budget include our cost management process, our commitment to quality control and our construction administration services.

Cost Management - We believe that the management of cost and/or risk begins with the development of fully vetted alternatives which enable you to make informed choices about the project. We search for simple and effective solutions which support the services that will be offered at the laundry. We also believe that the evaluation of cost must extend beyond the cost of construction, and consider the costs of operations, human resources, energy and sustainability.

Quality Control - Quality control starts with matching expectations about quality standards and life cycle costs with budget and scope during planning and design reviews. This continues through construction delivery with a program of inspections, tests, and certifications that are typically handled thru a third-party agency. Quality control should flow seamlessly from one phase to another. The "partnership" we develop during the project assists us in maintaining a high level quality control standard with everyone working together in the project's best interest. We strive to coordinate performance among the entire project team in order for a completed building program to fully satisfy your needs and expectations. The quality control plan we follow should help eliminate errors, reduce cost and improve overall building quality. ETB normally follows the plan as outlined below:

- Keep the lines of communication open and consistent between all team members
 - Regular/scheduled project meetings
- Share lessons learned from recent similar projects, include value engineering
 - Up-to-date detailing
- In-house reviews to address issues with constructability and budget restraints
- Utilize past experiences related to construction administration
 - Address before issue or occurrence
- Provide post construction administration services to be utilized on future projects
 - Every project or opportunity can be a learning experience for continued growth to better serve clients

Construction Administration – Contract administration services are important in order to ensure construction conforms to the design intent of the construction documents; to lessen project risks; and to identify and resolve construction problems early. We also strive to assist you in understanding the construction process. The architect, serving as a construction administrator, observes construction for conformity to construction drawings and specifications.



Qualifications & Technical Expertise

Services/tasks we provide include . . .

- Establish lines of communication.
- Maintain and distribute paperwork/records.
- Respond to contractor's requests for information.
- Track changes in construction documents.
- Review contractor's requests for payment.
- Review shop drawings and product information.
- Prepare field reports and records.
- Supervise completion and closeout.
- Assist with any post-occupancy issues.

Our team is located just ½ hour from the project site. While we are always committed to providing quality CA services, our proximity to the site will allow us to even better serve your needs. We can be on-site periodically or at a moment's notice should the need arise.

3.1.c. – EXPERIENCE

ETB, SCI and CMA have a great deal of experience in architectural design, civil/sanitary engineering and mechanical/electrical/plumbing engineering. A complete listing of our project experience can be found in Section 3. The projects our team members have accomplished have been for a combination of government agencies and private organizations. We also have specific experience with commercial laundries and wastewater management.

Our team is confident that we can provide all the services needed to achieve the goals as outlined in Section Three of the Expression of Interest. We have a history of successful projects for both the State of West Virginia and Pipestem State Park. That experience, as well as our familiarity with Pipestem, uniquely qualifies us for this project.

We appreciate the opportunities you have given us in the past and look forward to working with you again.



Cover Letter

Qualifications & Technical Expertise

Firm Profiles

Projects

Resumes

WV State Forms



History

E. T. Boggess, Architect, Inc., is a 11 person architectural firm located in Princeton, West Virginia. Our firm was established in 1966 by Ted Boggess and has been successful because of a team approach and partnership-type attitude with all involved in the design and construction process. Having grown up in the practice and with a life-long love of architecture, Todd became a full time presence with the firm in 1988 after receiving a Masters in Architecture from Clemson University. Their unique relationship as father/son/mentor/apprentice and, now, partners is both exciting and rewarding as the practice continues to flourish and evolve.

Reputation

Our firm lives or dies by its reputation. We work for "Pride in Product" and are confirmed by the amount of repeat business we can truthfully claim.

The architects at ETB are well-respected for their high ethical standards, as well as professional and civic activities. They are frequently asked to serve as expert witnesses and arbitrators in legal disputes. They have also been selected to serve on various local, state and national committees. These committees cover areas from determining local zoning ordinances to reviewing and developing educational requirements for future architects, to preserving West Virginia's historic architecture.

Attitude

Bigger is not always better. ETB has purposely controlled size in order to maintain personal involvement and quality control. We feel that it is important to maintain close client contact and availability to respond to your needs and address any situations that may arise. Your project will not get lost in the shuffle. We are, however, of sufficient size and capabilities to accommodate the needs of your project, as well as ensuring the successful completion of our current workload. The depth of our personnel is such that we can assign individuals to the appropriate task during each phase to ensure all your project's needs are satisfied.

Teamwork

Our projects and design services are dependent on both our abilities as architects and our commitment to perform and implement a set of standards in order to create a design that responds to the needs of our client. In house, ETB actually functions as a team of consultants with individual strengths and abilities emphasized by each employee's role within the team. In addition to being a strong design oriented firm, we offer expertise in communication and information management, construction documentation, project administration, and quality control. These areas of expertise are represented by the team members that will be highly involved on the new Laundry Facility for Pipestem State Park.

Throughout West Virginia, we have developed relationships with government agencies, contractors and material suppliers which will be valuable as we address the challenges associated with this project. ETB has worked with many of the code officials, including the state fire marshal, and consider them an extension of our team, another member who is concerned about the final design. We review our designs with the State Fire Marshal's Office in Charleston at regular intervals during the design process, as well as on-site inspections during construction.



Experience

Over the past 48 years, ETB has accomplished many different types of buildings in 12 different states and 1 foreign country. We have not limited ourselves by focusing on one particular type of project or a single location. Instead, we choose to maintain a diverse practice which allows us to begin each project with renewed enthusiasm. Our strength is in the delivery of appropriate and analytical solutions for complex buildings and doing so within restricted budgets and time constraints.

ETB was one of the first architectural firms in the state to implement the use of computer-aided design and drafting into the everyday practice of architecture almost thirty years ago. Today we continue to lead the industry as we utilize photorealistic imagery through computer modeling and digital photography. The building 3-D model and associated imagery can be developed early in the design process for your presentations. This helps everyone better understand design approaches and project contextual relationships within a setting.

Approach

The professional services we provide will be accomplished in steps or phases beginning with Preliminary Programming, then the Schematic Design Phase, followed by Design Development Phase. Once you approve the final design, we start the Construction Documents Phase, then proceed to the Bidding Phase, and, finally, the Construction Administration Phase. We will not begin work on the next phase of the project without your approval and written authorization.

The information that follows will help you understand each phase.

Programming

Programming is the first phase of the architectural design process in which the relevant values of the client, user, architect, and society are identified; important project goals are articulated; facts about the project are uncovered; and facility needs are made explicit. We are here to help you realize your dreams.

Some of the specific items that will be examined during the programming phase include:

- Objective of the overall building utilization
- Special restrictions and limitations on design
- Characteristics of the site
- Site development requirements
- Characteristics of the proposed occupants
- Specific facility requirements
- Relative location and inter-relationship of the spaces
- Budget
- Flexibility for future growth and changes in function



Schematic Design Phase

ETB and our consultants will work representatives from the DNR and Pipestem State Park to identify the needs, size, and best location for the new laundry building. The schematic design documents will establish the general scope and conceptual design of your project, and the scale and relationships of the building components. The main goal of this phase is to arrive at a clearly defined, feasible concept and to present it in a form that will result in your understanding and acceptance.

You will have the following items to review at the end of this phase:

- Conceptual Site Plan
- Preliminary Building Plan with elevations or space adjacency studies
- Perspective Sketches/Computer Images
- Preliminary Cost Estimates

Design Development Phase

Services in the design development phase strive to achieve the refinement and coordination necessary for a complete polished work of architecture. Here decisions made in schematic design are worked out at a more detailed level to minimize the possibility of major modifications being needed during the development of construction documents.

Our design team arrives at a clear, coordinated description of all aspects of the design, including .

..

- Architectural
- Mechanical
- Electrical
- Plumbing
- Structural
- Fire Protection Systems

Final Design Phase / Construction Document Phase

Construction documentation is the bridge between building design and physical building form. A key element of documentation services, construction drawings provide the instructions for transforming the design solution into brick, mortar, landscapes, access, etc. The purpose of providing construction document drawings is to provide graphic documentation for bidding and execution of construction services.

Services/tasks include . . .

- Prepare construction drawings based on approved design development drawings.
- Coordinate and incorporate drawings from all team members.
- Prepare specifications to accompany drawings to establish a desired level of performance.
- Submit documents to building code officials.
- Prepare bid packages.



Bidding Phase

Construction procurement activities assist the client in obtaining competent construction services. Our team will prepare bid packages or request for proposals/qualifications, and we will support the selection, negotiation, and contract award processes.

Services/tasks include . . .

- Assist client in selection of project delivery method.
- Identify prospective bidders.
- Organize or participate in pre-bid conference.
- Distribute bidding documents.
- Address questions submitted by bidders.
- Review and evaluate competitive bids.
- Assist client in contractor interviews for obtaining negotiated proposals.
- Award contract for construction.

Construction Phase / Contract Administration Services

Contract administration services are important in order to ensure construction conforms to the design intent of the construction documents; to lessen project risks; and to identify and resolve construction problems early. We also strive to assist you in understanding the construction process. The architect, serving as a construction administrator, observes construction for conformity to construction drawings and specifications.

Services/tasks included . . .

- Establish lines of communication.
- Maintain and distribute paperwork/records.
- Respond to contractor's requests for information.
- Track changes in construction documents.
- Review contractor's requests for payment.
- Review shop drawings and product information.
- Prepare field reports and records.
- Supervise completion and closeout.
- Assist with any post-occupancy issues.

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 new West Virginia Consolidated Department of Environmental Protection 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 AP BD+C) and we incorporate the most efficient and sustainable "green" designs in all of our projects.



Chief Logan Lodge and Conference Center



Davis Memorial Hospital Laundry Facility

History

CMA Engineering has provided engineering design services on numerous projects of varying size and complexity. Clients include architects, contractors, developers, engineers, governmental agencies 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 projects budget.

Commitment

Present staffing allows CMA to complete work in a timely manner without limiting our ability to perform our on-going work. The staff of CMA is large enough to handle any size project, yet small enough for direct input and supervision by key personnel.

Experience

CMA Engineering has extensive experience in laundry facility design as referenced in our enclosed project profiles. We have also provided design for multiple WV DNR projects. Projects include the electrical upgrades to Canaan Valley Ski Resort, new cabins, bathhouse, camping sites and sewage treatment system at Beech Fork State Park, electrical upgrades to the Lodge at Cacapon State Park and mechanical, electrical and plumbing design for the Lodge and Conference Center at Chief Logan State Park.

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

M E C H A N I C A L

CMA Engineering experience includes:

Constant Volume Air Handling Systems

Variable Volume Air Handling Systems

Demand Control Ventilation Systems

Natorium Dehumidification Systems

Building Energy and Management Control Systems

Industrial Ventilation and Exhaust Systems

Steam and Condensate Systems

Cooling Plants and Distribution

Heating Plants and Distribution

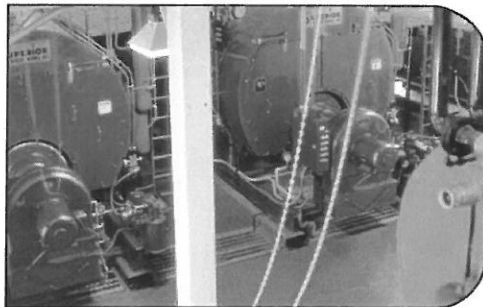
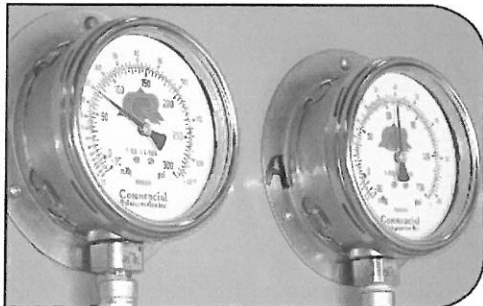
Energy Recovery Systems

Water Source Heat Pump Systems

Low, Medium and High Pressure Air Distribution Systems

Direct Digital, Pneumatic and Hybrid Control Systems

Kitchen Ventilation and Exhaust Systems



(top) Ruby Memorial Hospital—Morgantown, WV
HVAC Exhaust System

(middle) Memorial Ice Rink—South Charleston, WV
Refrigerant Pressure Gages

(bottom) Alderson Federal Correctional Facility—Alderson, WV
Steam Plant



Clingenpeel/McBrayer & Associates, Inc.

824 Cross Lanes Drive
Charleston, West Virginia 25313
(304) 343-0316 tel
(304) 343-5146 fax

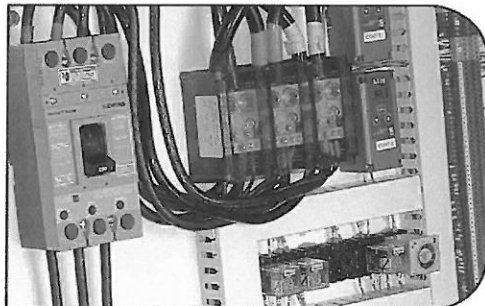
5 Riddle Court
Morgantown, West Virginia 26505
(304) 598-2558 tel
(304) 598-2472 fax

www.cma.wv.com

ELECTRICAL

CMA Engineering experience includes:

- Underground Ducts and Utility Structures
- Intrusion Detection
- Closed Circuit Television
- Cable and Master Antenna Television
- Medium Voltage Distribution and Substations
- Secondary Voltage Distribution
- Engine Generators and Battery Inverters
- Transient Voltage Suppression
- Interior Lighting
- Exterior Lighting
- Sports Lighting
- Theatrical Lighting
- Lighting Control
- Uninterruptible Power Supply Systems
- Lightning Protection
- Intercommunications Systems
- Nurse Call
- Voice and Data Systems
- Fire Detection Systems



(above) Split Rock Pools—Snowshoe, WV
Indirect Lighting System

(below) Memorial Ice Rink—South Charleston, WV
Chiller Power and Control Panel



Clingenpeel/McBrayer & Associates, Inc.

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Charleston, West Virginia 25313
(304) 343-0316 tel
(304) 343-5146 fax

5 Riddle Court
Morgantown, West Virginia 26505
(304) 598-2558 tel
(304) 598-2472 fax

www.cma.wv.com

PLUMBING & PIPING

CMA Engineering experience includes:

Sanitary Sewer Systems

Storm Sewer Systems

Natural Gas Distribution

LP Gas Distribution

Fuel-Oil Distribution

Compressed Air Systems

Vacuum Systems

Chemical Waste Systems

Process Water Systems

Deionized Water Systems

Domestic Water Systems

Helium Distribution Systems

Domestic Water Pumping Systems

Sewage Pumping Systems

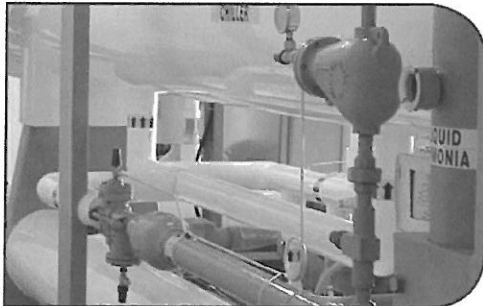
Water Heating

Automatic Fire Sprinkler Systems

Standpipe Systems

Fire Pumps, Storage Tanks, Service Mains

Medical Gas Systems



(top) Split Rock Pools—Snowshoe, WV
Piping & Pump Room

(middle) Memorial Ice Rink—South Charleston, WV
Piping & Chilling

(bottom) Alderson Federal Correctional Facility—Alderson, WV
Steam Piping

CMA
ENGINEERING

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Stafford Consultants, Inc. Profile

Stafford Consultants Inc. was formed in 1985 from a core group of employees of Gates Engineering Company. After many successful years of operation, Gates Engineering Company was bought by a large design / build firm that later decided to divest the consulting engineering firm. Two original partners and five other employees remain with the firm since its inception.

Currently, Stafford Consultants employs a total staff of twenty, including four registered professional engineers. Our high ratio of professional to total employees is indicative of the importance we place on providing professional service to our clients. Mr. Edward L. Shutt, P.E. now serves as president of the firm.

Our firm is a full service Engineering firm that provides services in Civil, Structural, Highway, Bridge, Airport, Environmental, and Sanitary Engineering. We have been providing engineering services for water, sewer and general civil projects for more than twenty seven years. Although our main emphasis is toward the municipal utility market, our firm is highly qualified and capable of completing varied civil and structural projects. The football stadiums at West Virginia and Marshall University, buildings at Virginia Tech, sidewalks for the City of Princeton, artificial turf for the Princeton Senior High School football field, and master planning of athletic facilities at Virginia Tech and Marshall are prime examples.

Stafford has provided site civil and structural engineering design services in association with architectural firms since the firm was founded. Representative projects include Chapmanville High School, Parkersburg High School, Parkersburg South High School, Williamstown High School, Hilltop Elementary School, Wheeling Park High School, Cameron High School, the Chuck Mathena Center for Performing Arts in Princeton, and the Merriman Athletic Facilities Building at Virginia Tech.

All structural projects and site civil projects at Stafford are managed by Kenneth R. Crowe, P.E. Kenneth has over thirty years of structural, transportation and site civil engineering experience. He is assisted in this work by Kevin Smith, engineering technician, and Don Parsons, CADD technician. Kevin is experienced and particularly adept at site grading, pavement, drainage, and water and sewer layout. Don has worked closely with Kenneth for more than fifteen years on drafting of structural projects.



The Merriman Athletic Facilities Building at Virginia Tech and the tennis court at Williamstown High School are representative of Stafford's structural and site development capabilities.



Cover Letter

Qualifications & Technical Expertise

Firm Profiles

Projects

Resumes

WV State Forms



Project Information

E.T. Boggess, Architect, Inc.

Project	Type	Goals	Size	Cost	Comp.
WVARNG Readiness Center Location: Elkins Project Manager for the WVARNG: Dan Clevenger - 304-561-6451	New	Provide offices, classrooms, kitchens, showers for local armed forces to train & prepare. Serve as base of operations in emergency.	56,000 sf	\$15.5 mil	2012
WVDOH District 9 Office Building Location: Lewisburg Project Manager for the WVDOH: Greg Hylton - 304-647-7450	New	Provide centralized office and meeting room for DOH district operations.	28,000 sf	\$3.5 mil	2011
WVDOH District 1 Office Building Location: Charleston Project Manager for the WVDOH: Brian Tackman - 304-356-3820	New	Provide centralized office and meeting room for DOH district operations.	28,000 sf	\$5.5 mil	2014
Advantage Valley Advanced Tech Center Location: So. Charleston	New	Three educational facilities with similar objectives - address needs of WV C&TCS program. Provide classrooms, labs, offices, and high-tech learning environment for secondary education programs that can be modified easily to satisfy market/demand.	50,000 sf	\$15 mil	2014
North Central Adv Tech Center/Allied Health Location: Fairmont	New		60,000 sf	\$17.4 mil	Under Con.
New River Headquarters & Allied Health Location: Beckley Project Manager - Chancellor of the WVC&TCS James Skidmore - 304-558-0265	New		72,500 sf	\$15 mil	Under Con.
Princeton Public Library Location: Princeton Project Manager - then City Librarian Connie Shumate - 304-384-5366	Ren	Renovate former historic USPO to accommodate needs of public library including book stacks, offices, storage, conference rooms, computer lab area, and improved access.	14,000 sf	\$3.8 mil	2010

PIPESTEM STATE PARK CONFERENCE CENTER

Pipestem



PROJECT DETAILS

owner/district:
WV DNR

year:
1999

size:
20,000 sf

The Pipestem Conference Center Project involved a two-story addition to the Mc-Keever Lodge. The project centered around the addition of a multi-purpose conference area that can accommodate a single, large group or be divided with panels for multiple, smaller groups.

The kitchen area was also renovated during this project. In order to allow for ADA compliant access, an enclosed, connecting bridgeway was designed.



WV ARMY NATIONAL GUARD READINESS CENTER

Elkins, West Virginia



PROJECT DETAILS

owner/district:
WV Army National Guard

year:
2011

size:
50,000 sf,

The Readiness Center has two main entrances; the front into the lobby and the rear into the assembly hall. The circular central core of the entrance leads to the administrative wing (east) and classroom wing (west). The facility contains a learning center library, storage areas, locker rooms, kitchen, break-room, and Telcon spaces. Areas within the lobby will be used for recruiting, family support and distance learning.

The project also included the design and construction of a separate structure for secure storage maintenance/ workshop/ office structure.



MAINTENANCE BUILDING



COMPUTER VISUALIZATION

FOUR SEASONS YMCA

Tazewell, VA

PROJECT DETAILS

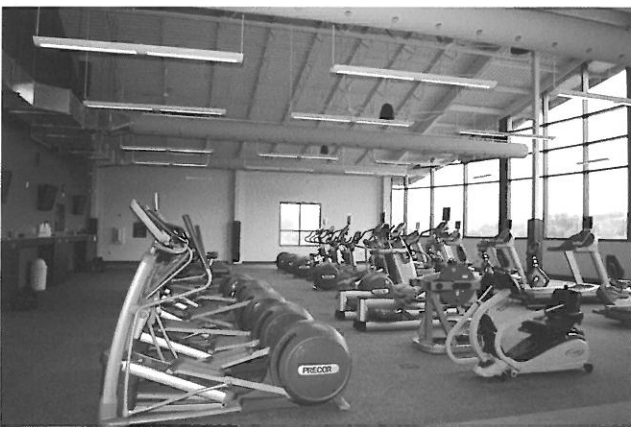
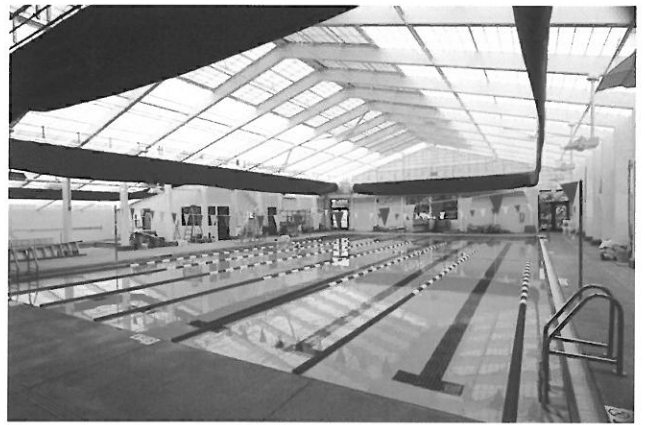
owner/district:
Four Seasons YMCA

year:
2009

size:
38,000 sf



The Four Seasons YMCA offers all the usual work-out equipment and programs in a very unique atmosphere. Work-out equipment is positioned so that the user has a view of the mountains. The swimming pool enclosure has sides that can be raised/lowered depending on the weather. The center also provides a day-care area. A stone fireplace with seating creates a very pleasant environment where you can relax before or after your activities.



FOUR SEASONS YMCA

Tazewell, VA

PROJECT DETAILS

owner/district:
Four Seasons YMCA

year:
2009

size:
38,000 sf



PRINCETON HEALTH & FITNESS CENTER

Princeton, WV

PROJECT DETAILS

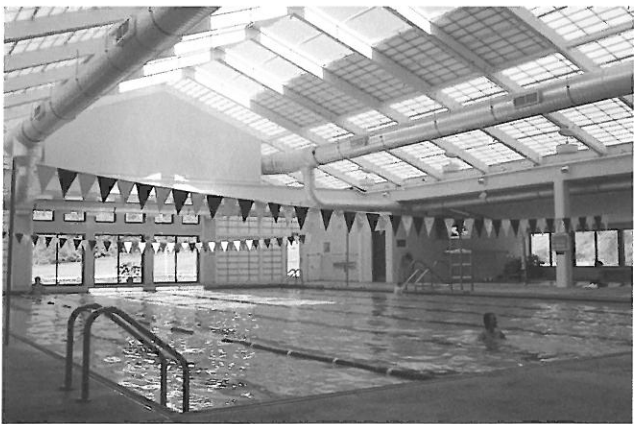
owner/district:
Princeton Community Hospital
Foundation

year:
1997

size:
38,500 sf



The design of the Health & Fitness Center combines various factors that encourage activity, including physical, psychological, and social elements, that stimulate emotions. Architectural tools of light, rhythm and structure create a dynamic balance that motivates the user in their individual quest for achieving and maintaining optimum health.



BEST WESTERN RADFORD INN

Radford, VA

PROJECT DETAILS

owner/district:
Best Western

year:
1983

size:
104 Guest Rooms



ETB designed this Georgian Colonial inspired motel on a very tight time schedule and budget. The design is reminiscent of Colonial Williamsburg and it is decorated with period-style furniture to compliment the architectural style.

The facility houses meeting and banquet rooms, a sports bar and dance club, indoor pool, whirlpool, sauna, and laundry facilities.



RAINELLE ELEMENTARY SCHOOL

Rainelle, West Virginia

PROJECT DETAILS

owner/district:
Greenbrier Co. Board of Education

year:
2012

size:
50,000 sf (2-Story)



The building's design incorporates stone and heavy timber accents to complement the rural and rustic character of the surrounding community. Construction of the new K-5 school, which shares the same site as the existing school, was strategically phased to permit continuous and uninterrupted student occupancy until it's completion. A landscaped linear courtyard anchored by a centrally located Media Center separates the student commons from instructional areas, allowing enhanced daylighting, surveillance and on-grade exterior egress for all 1st floor classrooms.



Governmental – New Construction:

- WV Army National Guard Readiness Center, Elkins, WV
- Mercer County Courthouse Annex, Princeton, WV
- WV Tourist Information Center, Princeton, WV
- WVDOH District 10 HQ Complex, Gardner, WV
 - Office Building
 - Maintenance Building
 - Bridge/Sign Shop
 - Lab Building
- WVDOH District 6 HQ Complex, Moundsville, WV
 - Office Building
 - Maintenance Building
 - Bridge/Sign Shop
- WVDOH District 9 Office Building, Lewisburg, WV
- WVDOH District 1 Office Building, Charleston, WV
- WVDOH District 8 Equipment Shop, Elkins, WV
- U.S. Social Security Offices for the GSA, Welch, WV
- U.S. Social Security Offices for the GSA, Williamson, WV
- Princeton Railroad Museum (*Historical Re-creation*), Princeton, WV
- Bramwell Coal Interpretive Museum (*Historical Re-creation*), Bramwell, WV
- Mercer County Health Center, Bluefield, WV
- Mercer County EOS/911 Center, Bluefield, WV
- Mercer County Civil Air Patrol Hanger and Headquarters, Bluefield, WV
- WV Community & Technical College System / Higher Education Policy Commission
 - Advantage Valley Advanced Technology Center, So. Charleston, WV
 - North Central Advanced Technology Center, Fairmont, WV
 - New River Community & Technical College Headquarters, Beaver, WV

Governmental – Additions and Renovations:

- Princeton Public Library, Princeton, WV
- City Hall/Municipal Building, Princeton, WV
- Pipestem State Park Conference Center, Pipestem, WV
- Mercer County Courtroom for the new judge, Princeton, WV
- Mercer County Memorial Building, Princeton, WV
- Mercer County Courthouse Energy Upgrade, Princeton, WV
- Greenbrier County Convention & Visitors Center, Lewisburg, WV
- U.S. Social Security Offices for the GSA, Bluefield, WV
- Department of Health & Human Resources, Welch, WV
- Division of Motor Vehicles, Welch, WV
- Hatfield/McCoy Trailhead Office, Bramwell, WV
- Hatfield/McCoy Trails Office, Lyburn, WV
- Rupert Public Library, Rupert, WV
- Wyoming County Senior Center for the Council on Aging, Oceana, WV
- Richwood Visitor's Center, Richwood, WV
- Beckley Financial Center – IRS Offices for the GSA (*Adaptive Re-use*), Beckley, WV
- WV Community & Technical College System / Higher Education Policy Commission
 - New River Community & Technical College Arts & Sciences Building,
Lewisburg, WV

With Laundry Facilities . . .

- Princeton Health & Fitness Center, Princeton, WV
- Four Seasons YMCA, Tazewell, VA
- Rainelle Elementary School, Greenbrier County
- Greenbrier West High School, Greenbrier County (relocated existing)
- Princeton Health Care Center – 120 Bed Nursing Center
- Glenwood park Nursing Home – 67 Bed Nursing Home
- Best Western Radford Inn – 104 Room Hotel
- Mountain Mission School, Grundy, VA – Girls Dormitory Building
- Readiness Center for the WVARNG, Elkins, WV

Davis Memorial Hospital Laundry Renovation/Relocation

Davis Memorial
Hospital-New
Addition



CMA Engineering designed a complete renovation of the Hospitals existing laundry areas in the existing basement facility over to the new addition facilities. This renovation included a phased approach to allow shut down, moving and new start up of all washing and drying equipment over a one weekend period. The four washer, four dryer arrangement was modified to allow more work space as well as equipment service space behind and around all the pieces of equipment. Utilities included new gas service, new power service, revised lint collection assembly, washer chemical automated systems, new drain trough, heated and cooled make-up air systems and exhaust systems. The new area is now a state of the art facility to allow the Owner to more efficiently and comfortably process all of their laundry needs.

The Addition project was started in 2011 and the new laundry was put in service in late 2013.

Project costs for the entire addition project (70,000sf) was approximately \$165 per square foot—much less than other comparable Hospital Projects.

Owner Contact: Steve Johnson
Director of Support Services
(304) 642-6109
johnsons@davishealthsystem.org



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

Genesis Youth Facility



CMA Engineering provided complete mechanical, electrical and plumbing design for the new 14,000sf one-story facility in Clarksburg, WV. Design was started in late 2009 and construction was completed in early 2011. This facility included a complete laundry facility to allow Owner to operate on site and not use an outside vendor. This design was centered around multiple residential washers and dryers to help keep cost to a minimum and allow the most efficient operation for utilities, training and service of equipment.

Fairfield Inn



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 commons area, located in Morgantown, WV. Unique aspect of this design was the Owner's specific layout for the laundry to increase their productivity and efficiency. A very limited space was used for this layout with attention given to specific equipment, access and dryer discharges at the front of the facility. Design was started in 2006 and after changes in contractors construction was successfully completed in 2008.

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St. Mary's Correctional Facility Laundry



CMA Engineering designed a complete renovation of the site existing laundry facility in 1998-2001, during other major facilities renovations. The large multiple washer and dryer arrangement was set up to allow more work space as well as equipment service space behind and around all pieces of equipment. Ease of access in and out of the washer and dryer spaces was a key requirement to allow material handling services which served multiple buildings. Utilities included new gas service, new power service, revised lint collection assembly, washer chemical automated systems, new drain trough, heated and cooled make-up air systems and exhaust systems. The new area is still a state of the art facility to allow Owner to more efficiently and comfortably process all of their laundry needs.

The major facilities renovation project was started in 1998 and the new laundry was put into service in 2000 and is still in service.

Mylan Pharmaceuticals Laundry



CMA Engineering has provided mechanical, electrical and plumbing design for the Morgantown facilities at the main plant as well as the Collins Ferry Road Research Facility and Storage Facilities for nearly twenty years (starting in 1995 through present). During one of the main plant renovations a main laundry facility was renovated to serve the entire complex. Other renovations also included other specific washing and exhaust renovations and additions in all of the facilities. CMA has found these projects to be very unique and all were completed within the allocated time and budget constraints.

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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

WV Industrial Home for Youth Laundry Facility



CMA Engineering designed a new laundry facility to be housed in an existing building in 1996-2000, during other major facilities renovations. The large multiple washer and dryer arrangement was set up to allow more work space as well as equipment service behind and around all the pieces of equipment. Ease of access in and out of the new washer and dryer spaces was a key requirement to allow material handling activities which served several buildings. Utilities included new gas service, new power service, revised lint collection assembly, washer chemical automated systems, new drain trough, heated and cooled make-up air systems and exhaust systems. The new area is still a state of the art facility to allow Owner to more efficiently and comfortably process all of their laundry needs.

The major facilities renovation project was started in 1996 and the new laundry was put in service in 2000 and is still in service. In 2013, the WV Department of Corrections turned the Youth Facility into an adult medium security correctional facility. It is now called the Salem Correctional Facility.



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Unit A



Ski Rescue Patrol



Unit B

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.

Owner Contact: Bradley S. Leslie, P.E.
WV Division of Natural Resources
(304) 558-2764 Ext. 51823

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SANITARY EXPERIENCE WASTEWATER

Client: City of Welch, West Virginia
Sanitary Board
Location: Welch, West Virginia
Project: Complete Design and Construction period services for a wastewater collection system extension to serve the Tom's Mountain area.
Est. Cost: \$1,300,000
Status: Complete
Contact: Mayor Reba Honaker (304) 436-3114
Address: 88 Howard Street
Welch, West Virginia 24801

Client: City of Welch, West Virginia
Sanitary Board
Location: Welch, West Virginia
Project: Complete Design and Construction period services for new wastewater collection system and treatment plant for city and surrounding areas to achieve compliance with Federal Consent Decree.
Est. Cost: Phase I - \$13,100,000
Status: Operational 1998
Est. Cost: Phase II - \$8,000,000
Status: Continuing
Contact: Mayor Reba Honaker (304) 436-3114
Address: 88 Howard Street
Welch, West Virginia 24801



Client: Oakvale Road Public Service District
Location: Gardner, West Virginia
Project: Complete Design and Construction period services for new wastewater collection system to serve the Gardner Road area of Mercer County.
Est. Cost: \$1,259,000
Status: Complete
Contact: Pamela Browning, General Manager (304) 487-2750
Address: 386 Athens Road
Princeton, WV 24740

Client: Center Public Service District
Location: Wyoming County, West Virginia
Project: Wastewater Plant Improvements including new decanters and UV disinfection system.

Est. Cost: \$300,000
Status: Complete

Contact: Mr. Brian Alred, Manager (304) 732-8236
Address: Box 760
Pineville, West Virginia 24874

Client: **Big Bend Public Service District**
Location: Summers County, West Virginia
Project: Planning, design and construction administration for 10,000 gpd extended aeration plant and related sewers serving the Pence Springs Hotel and Restaurant.

Est. Cost: \$150,000
Status: Complete

Contact: Mr. Richard Halloran, Chairman (304) 466-5111
Address: Big Bend Public Service District
P.O. Box 114
Talcott, West Virginia 24981

Client: **Big Bend Public Service District**
Location: Summers County, West Virginia
Project: Planning, design and construction administration for 20,000 gpd extended aeration plant and related sewers serving the Pine Hill Subdivision.

Est. Cost: \$300,000
Status: Complete

Contact: Mr. Richard Halloran, Chairman (304) 466-5111
Address: Big Bend Public Service District
P.O. Box 114
Talcott, West Virginia 24981

Client: **City of Hinton**
Location: Summers County, West Virginia

Project: Sandstone Sewer System. Includes gravity sewer system and new wastewater treatment plant to serve the Sandstone community and National Park Service Visitor Center.

Est. Cost: \$1,400,000
Status: Complete

Contact: Mr. Joe Blankenship, Mayor (304) 466-3255
Address: City of Hinton
322 Summers Street
Hinton, West Virginia 25951

Client: Bramwell Public Service District
Location: Mercer County, West Virginia
Project: Wastewater Collection/Treatment Facilities
- Collection System including gravity, vacuum and pressure sewers
- Aeration System
- Clarifiers
- Control Building/Disinfection
- Project objectives of meeting compliance with State of West Virginia Consent Decree

Est. Cost: \$4,300,000
Status: Complete

Contact: Mr. Dave Cole - Project Administrator (304) 431-7225
Address: P.O. Box 1442
Princeton, West Virginia 24740



Client: City of Princeton
Location: Mercer County, West Virginia

Project: **Phase I** - Upgrade of wastewater treatment plant, including new clarifiers, solids handling and treatment units.
Phase II - Expansion of wastewater treatment plant.

Est. Cost: \$1,200,000 - Phase I
\$7,000,000 - Phase II
Status: Phase I - Complete
Phase II - Currently in Design

Contact: Mr. Mike Saffel, Former General Manager (304) 921-2999
Address: Princeton Sanitary Board
South Wickham Avenue
Princeton, West Virginia 24740



Client: City of Bluefield
Location: Mercer County, West Virginia
Project: New collection lines, force mains and pump stations along John Nash Boulevard and I-77, to serve area east of Bluefield. General engineering services for wastewater and stormwater systems.

Est. Cost: Phase I - \$350,000
Phase II - \$1,200,000
Status: Phase I - Complete
Phase II - Planning complete

Contact: Mr. Ron Dodson, Assistant General Manager (304) 325-3681
Address: Bluefield Sanitary Board
Municipal Building
P.O. Box 998
Bluefield, West Virginia 24701

Client: Logan County Public Service District
Location: Logan, West Virginia
Project: Phase II-A wastewater collection system project for communities of West Logan and Hedgeview.
Est. Cost: \$7,300,000
Status: In Construction
Contact: Mr. William Baisden, General Manager (304) 946-2641
Address: P.O. Box 506
Logan, West Virginia 25601

Client: Mercer County Commission
Location: Mercer County, West Virginia
Project: Comprehensive countywide sewer study for expansion and upgrade of wastewater facilities.
Est. Cost: Not applicable
Status: Complete
Contact: Mr. Mike Vincguerra (304) 487-8306
Address: 1501 West Main Street
Princeton, West Virginia 24740

Client: Town of Matoaka
Location: Matoaka, West Virginia
Project: Treatment Plant Improvements, sewer extension and sewer rehabilitation.
Cost: \$700,000
Status: Complete
Contact: Dave Cole at Region I Planning and Development Council (304) 431-7228
Address: 1439 East Main Street, Suite 5
Princeton, West Virginia 24740

Client: Town of Athens
Location: Mercer County, West Virginia
Project: Phase I and II 500,000 gallon per day sequencing batch reactor wastewater plant and associated collection lines to achieve compliance with State of West Virginia Consent Decree.
Est. Cost: \$3,800,000
Status: Phase I Complete
Contact: Mr. Robert Richardson, Former Mayor (304) 384-3525
Address: P.O. Box 458
Athens, West Virginia 24712



Client: City of Hinton
Location: Summers County, West Virginia

Project: Gravity sewer, pumping station, and force main crossing the New River serving Brooklin community.
Est. Cost: \$1,200,000
Status: Complete
Contact: Mr. Joe Blankenship, Mayor (304) 466-3255
Address: City of Hinton
322 Summers Street
Hinton, West Virginia 25951

Client: City of Hinton
Location: Summers County, West Virginia

Project: Brooks / Barksdale sewer. Includes gravity sewer, two pumping stations and treatment plant headworks.

Est. Cost: \$3,300,000
Status: In design

Contact: Mr. Joe Blankenship, Mayor (304) 466-3255
Address: City of Hinton
322 Summers Street
Hinton, West Virginia 25951

Client: Town of Alderson
Location: Greenbrier and Monroe Counties, West Virginia
Project: Phases I and II – 400,000 gallon per day sewage treatment plant and approximately 11 miles of sewage collection system.

Est. Cost: Phases I and II - \$3,500,000
Status: Phase I – Begin 1976 – Operational 1980
Phase II – Began 1982 – Operational 1995

Project: Phase III - Solids handling system with Belt Filter Press, Aerobic Digester and appurtenances.

Est. Cost: Phase III - \$1,300,000
Status: Operational 1999

Contact: Mayor Travis Copenhaver (304) 445-2916
Address: P.O. Box 179
Alderson, West Virginia 24910

Client: City of Summersville
Location: Summersville, Nicholas County, West Virginia
Project: U.S. Route 19 Economic Development Center Upgrading, Study Design, Construction Administration, and Inspection of Water Storage Facilities, Distribution Lines, Wastewater Treatment Plant Upgrading and Collection System

Est. Cost: \$3,200,000
Status: Complete

Contact: Mr. James Corbitt, Public Works Director (304) 872-5828
Address: 400 North Broad Street
Summersville, West Virginia 26651

Client: **Development Authority of Mercer County**
Location: Mercer County, West Virginia
Project: Feasibility study and design of an industrial park complex including:
- 50,000-gallon per day sewage treatment and collection system
- Water storage and distribution
- Roads

Est. Cost: \$2,500,000
Status: Begin 1978 - Operational 1981

Contact: Ms. Janet Bailey (304) 487-2896
Address: Memorial Building
Princeton, West Virginia 24740



Client: **White Oak Public Service District**
Location: Fayette County, West Virginia
Project: Wastewater Treatment Facilities Improvements
- Grit Chamber
- Aeration System Modifications
- Clarifier
- Chlorination/Dechlorination Contact Tank and Facilities
- Control Building
- Maintenance Building
- Post Aeration

Est. Cost: \$762,000
Status: Complete

Contact: Mr. Al Gannon, Board Member (304) 469-2512
Address: Box 358
Scarbro, West Virginia 25917

Client: **Danville Public Service District**
Location: Boone County, West Virginia
Project: 550,000 Gallons Per Day Wastewater Treatment Facility
- Grit Chamber
- Bar Screen
- Aeration System
- Clarifiers
- Control Building

- Solid Handling System
- Collection System
- Lift Stations

Est. Cost: \$8,000,000
Status: Complete

Contact: Fred Riggleman, Manager (304) 369-2269
Address: Box 143
Danville, West Virginia 25053

Cover Letter

Qualifications & Technical Expertise

Firm Profiles

Projects

Resumes

WV State Forms



Staffing

Todd Boggess is President of E.T. Boggess, Architect, Inc., and will serve as the design team leader. He will be assisted by Stephen Mackey, who is responsible for planning and design and has a great deal of experience with commercial laundries.

A component of our management approach is the development of an individual strategy for each project, focused on the specific problems to be solved. This strategy considers the staff members assigned to the project, as well as our engineering consultants, and the scheduling and duration of work phases. Our Project Management Plan (PMP) will document key management and oversight tasks and is updated throughout the project as changes occur. The plan will include a definition of your program goals, technical requirements, schedules, resources, budgets, and management programs. Once we gain a better understanding of your scheduling targets, we will be able to determine exactly what resources we will need to dedicate to the project.

We have analyzed our team's requirements carefully and are confident that our manpower and skill level will remain more than adequate, even in the early, labor intensive phases. Our projected workloads and the depth of personnel available are such that staffing projects of this size and complexity will have no adverse impact on any current or future projects in our office.

Resumes for our design team can be found on the following pages. Section 3 contains project information showcasing our capabilities.

Architect	-	Todd Boggess, AIA, NCARB
Design & Production	-	Steve Mackey Nathan Turner, LEED G.A.
Construction Documents	-	Dale East Chris Clark
Construction Administration	-	Chris Canterbury Eric Gatchell
Technology & Information Management	-	Roy Morum
Mechanical/Electrical/Plumbing Engineering	-	Timothy Cox, P.E., CBCP Daniel Ellars, LEED AP BD+C Matthew Corathers, P.E. Larry Weese
Structural/Civil/Wastewater Engineering	-	Kenneth Crowe, P.E. Stacy Fowler, P.E.



Todd Boggess, AIA, NCARB, Architect
President



EDUCATION:

- Master of Architecture, Clemson University School of Architecture
- International Studies, Clemson University Daniel Center for Urban Design & Building Studies, Genoa, Italy
- Bachelor of Arts Degree in Design, Clemson University School of Architecture

RESPONSIBILITIES:

Todd joined ETB as a project architect and office manager in 1988 after graduating from Clemson University. In January, 2001, he assumed the office of President.

Todd is responsible for . . .

- architectural design and development
- project management and coordination
- computer aided design and visualization
- interior design
- site planning

Your project will receive his complete attention, from the interview and project meetings, through the construction process. As the president of the firm, you are putting your trust in him and he takes that commitment very seriously. He wants to make sure you are satisfied with our service, performance, and design.

PROJECTS:

Todd understands the demands being placed on all state agencies as they strive to offer the necessary services to our citizens and their efforts to do so within limited budgets. While he has always incorporated energy efficiency into his designs, the focus on green technologies over the past decade has definitely changed the architectural and construction industries. Todd's designs for every governmental building, both new construction and renovations, must address these requirements to ensure the safety of citizens who will be using the facility, as well as the employees who will be working from their new environment on a daily basis.

PROJECTS – Public Buildings

New Construction:

- WVARNG Readiness Center, Elkins, WV
- Mercer County Courthouse Annex, Princeton, WV
- WVDOH District 10 Headquarters Complex
- WVDOH District 6 Headquarters Complex
- WVDOH District 9 Headquarters Complex - *Office Building*
- WVDOH District 1 Headquarters Complex - *Office Building*
- WV Tourist Information Center, I77/Rt 460, Princeton, WV
- Princeton Health & Fitness Center, Princeton, WV – *includes laundry area*
- Four Seasons YMCA, Tazewell, VA – *includes laundry area*
- Rainelle Elementary School, Greenbrier County – *include laundry area*

Additions/Renovations:

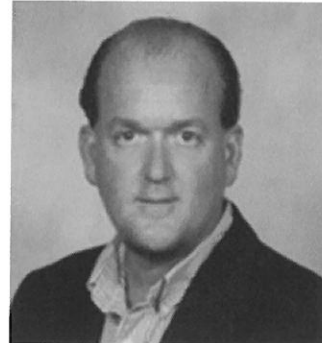
- Pipestem State Park Conference Center Addition & Renovations, Pipestem, WV
- Greenbrier West High School, Greenbrier County – *relocated existing laundry area*
- Princeton Public Library, Princeton, WV
- Princeton City Hall, Princeton, WV
- Greenbrier County Convention and Visitors Center, Lewisburg, WV

AWARDS:

- WVAIA “Honor Award” for Renovation Design of the Princeton Public Library – April 2012
- Princeton/Mercer County Chamber of Commerce “Excel Award” – January, 2011
- *West Virginia Executive Magazine’s* “Young Guns” - Fall, 2003
- Princeton/Mercer County Chamber of Commerce “Citizen of the Year - 2000”
- Princeton Elks Club “Citizen of the Year - 2000”



Stephen Mackey *Planning & Design*



EDUCATION:

- Bachelor of Arts Degree in Design, Clemson University School of Architecture
- Master of Architecture, Clemson University School of Architecture

RESPONSIBILITIES:

With over 27 years of experience in all phases of design and construction, Mr. Mackey brings strong design, management and leadership skills to the firm. His significant experience has enabled him to successfully oversee the design and construction of a number of large government projects. Specific project responsibilities include:

- code review and analysis
- program development
- master plan development
- conceptual design
- design visualization
- project management
- project coordination
- construction specifications

PROJECTS:

Mr. Mackey rejoined ETB Architects in 2009 after serving as Executive Vice President for two Florida Architectural firms. During his absence, Mr. Mackey served as project manager on several projects for resorts, hotels, and medical facilities that included **laundry spaces**, including:

- Boutique Hotel at Town Center, Palm Cost, FL
- The Hilton Historic Bayfront Hotel, St. Augustine, FL
- San Marco Hotel, St. Augustine, FL
- Deerwood Park Hilton Hotel, Jacksonville, FL
- Marriott, St. Augustine, FL
- Holiday Inn, Stuart, FL
- Davis Building Remodelling at the Mayo Clinic, Jacksonville, FL

Roy Morum, LEED G.A.
Project Manager

EDUCATION:

- Bachelor of Architecture, University of the Orange Free State, South Africa
- Master of Design Management, UNITEC, Auckland, New Zealand



RESPONSIBILITIES:

Roy joined ETB in 2004 as a project architect. His area of expertise is in design, documentation, and information management. He will be responsible for the ftp site that we will create to share project information. Before joining ETB, Roy completed major works in South Africa and New Zealand. His work in the USA includes government facilities for the West Virginia Army National Guard and other public buildings.

Roy's Master's Dissertation, "*A Model for Knowledge Management in an Architectural Enterprise*" deals with effective communication and creative project / information / data management. He has developed processes and skills in this field that contribute much to the successful outcome of a project – and the continued facilities maintenance of a building.

Roy is responsible for . . .

- planning/programming
- construction documentation
- coordination of other disciplines
- ftp site design and implementation
- information management
- responding to contractor's requests for information
- reviewing submittals and shop drawings
- site visits/construction administration
- overall project management

PROJECTS:

Roy's expertise in project management and communication is reflected in his use of technology to enhance the delivery process via the internet and FTP. His mastery of information management systems will ensure that team members, contractors, and your representatives will be able to share ideas efficiently and cost effectively.

- WVARNG Readiness Center, Elkins, WV
- Four Seasons YMCA, Tazewell, VA – *includes laundry area*
- Mathena Cultural Arts Center, Princeton, WV
- Mercer County Health Center, Green Valley, WV



Nathan Turner, LEED G.A.
Project Manager



EDUCATION:

- Bachelor of Science, Engineering – Architecture, Fairmont State University
- Master of Architecture (May, 2009), Boston Architectural College

RESPONSIBILITIES:

Mr. Turner joined ETB in 2009 and brought with him a wealth of experience in architectural design, as well as construction methods and practices. His prior experience with educational facilities has already proven extremely valuable as we have several elementary, middle, and high school projects at various stages of completion. Nathan obtained LEED certification last year and will assist in our efforts to provide a “green” approach to as many projects as possible.

Specific project responsibilities include:

- architectural programming
- construction documentation
- design visualization
- project management
- project coordination
- construction specifications
- construction administration

PROJECTS – Public Buildings:

- Advantage Valley Advanced Technology Center for the WVC&TCS, So. Charleston, WV
- North Central Advanced Technology Center for the WVC&TCS and Allied Health, Fairmont, WV
- New River Community and Technical College Headquarters & Allied Health Building, Beckley, WV
- New River Community and Technical College Arts & Sciences (*Renovation*), Lewisburg, WV
- WV Council for Community and Technical College Education - Facility Programming
- Rainelle Elementary School for Greenbrier County, WV
- Lewisburg Elementary School for Greenbrier County, WV



Chris Canterbury, Associate AIA
Construction Admin Manager



EDUCATION:

- Bachelor of Science Engineering Technology/Architecture, Fairmont State University

RESPONSIBILITIES:

Chris joined ETB in 2000 as a CADD Technician. His focus in recent years has been project administration and his current position of Construction Administration Manager reflects that area of expertise. Your project will benefit from his superb organizational skills. He attends meetings and keeps track of your needs and wishes through notes and minutes. His timely response to submittals will ensure that your project stays on its construction schedule.

Chris is responsible for . . .

- construction administration
- organizing and attending meetings
- distribution of minutes and progress reports
- contacting material suppliers
- responding to contractor's requests for information
- reviewing submittals and shop drawings
- site visits/observations

PROJECTS – Public Buildings:

During the construction process, Chris works closely with the contractor in maintaining the budget, adhering to the schedule and ensuring quality control.

- Four Seasons YMCA, Tazewell, VA – *includes laundry area*
- Rainelle Elementary School, Rainelle, WV – *includes laundry area*
- Greenbrier West High School (*Addition & Renovations*), Charmco, WV – *includes relocating existing laundry*
- Greenbrier County Convention & Visitors Center (*Renovations*), Lewisburg, WV
- Princeton Public Library (*Renovations to former USPO*), Princeton, WV
- Hatfield/McCoy Trail Authority Offices (*Renovations*), Lyburn, WV



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 CM Engineering, brings 30 years of mechanical and plumbing design experience to our clients. Timothy is a Certified Building Commissioning Professional through Association of Energy Engineers.

Project Experience

Davis Memorial Hospital

New 70,000sf Outpatient and Physicians Office Addition
Facility Main Boiler Replacement
Laundry Facility Renovation

WV Department of Corrections

St. Mary's Correctional Facility-Additions and Renovations
Industrial Home for Youth- Renovations and Upgrades
Martinsburg Eastern Regional Jail- Renovations and 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

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. Renovations include laundry facility renovations, Mylan Beads Facility chiller loop replacement and various mechanical, electrical and plumbing upgrades to the Main Plant, QC facility, Solvent Storage and Collins Ferry Facility.

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



**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 25 years of electrical design and project management experience to our clients.

Project Experience

Recreational Facilities

Summit Bechtel National Scout Reserve-Electrical Site Utilities
Canaan Valley Ski Resort Electrical Upgrades to Ski Lift

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
Statewide Facilities Electrical Analysis

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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, has nine years of experience in design and project management.

Project Experience

West Virginia University

New two-story Child Care Facility
Engineering Science Building- Laboratory Renovations

Housing

Genesis Youth Facility-New Facility
Fairfield Inn-New Marriott

Hospital Experience

Davis Memorial Hospital-New Addition
United Hospital Center-New MRI facility
VA Hospital, Clarksburg, WV-Renovations to Dental Lab
Mercer County Nursing Home-Addition

Military Experience

WVNG New Moorefield Readiness Center
WVNG Gassaway Armory Renovations
WVNG St. Albans Armory Addition & Renovations
WVANG Helicopter Fueling Renovations

Court Houses

Randolph County Courthouse-Mechanical design for completion of two-story addition and modifications of the existing second floor to be used by the Family Court
Monongalia County Family Court-Renovations

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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

Residential

Silver Tree Suites, Deep Creek, MD
Jefferson Place, Charleston, WV
Red Spruce Townhouse
Greenbrier Sporting Lodge

WV Department of Highways

New District 1 Administration Building
New District 8 Administration Building

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

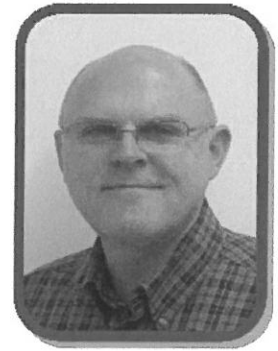
Commercial Experience

Bobcat of Advantage Valley-New Facility
Allegheny Springs Restaurant
J. C. Penney Piping Analysis

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



KENNETH R. CROWE, P.E.
VICE PRESIDENT

EDUCATION:

West Virginia Institute of Technology
Bachelor of Science, Civil Engineering (1976)

REGISTRATIONS/AFFILIATIONS:

Registered Professional Engineer in
West Virginia (1980) and Virginia (1981)

EXPERIENCE:

Stafford Consultants Incorporated (1985 to present)
Gates Engineering Company (1981 to 1985)
Westmoreland Coal Company (1976 to 1981)

PROJECT MANAGER AND LEAD STRUCTURAL AND/OR SITE ENGINEER:

- Structural design for sequencing batch reactor at Athens Wastewater Treatment Plant
- Structural design for flocculator tank at Summersville Regional Water Treatment Plant
- Structural design for clarifier at Welch Wastewater Treatment Plant
- Structural design for clarifier at Princeton Wastewater Treatment Plant
- Structural design for ATAD tank at Princeton Wastewater Treatment Plant
- Structural design for elevated walkway at Hinton Wastewater Treatment Plant
- Structural design for headworks building at Hinton Wastewater Treatment Plant
- 24 projects for the WVDoH including Mullens Overhead Bridge, Cass Arch Bridge (*WVDoH Small Bridge Engineering Excellence Award Winner*), Mineral Wells Interchange Overpass Bridge (*WVDoH Small Bridge Engineering Achievement Award Finalist*), Camden Avenue I-77 Bridge, Devil's Backbone Bridge, Grapevine Creek Bridge (*WVDoH Small Roadway Engineering Excellence Award Winner*), North Lewisburg Road Widening (*WVDoH Small Roadway Engineering Achievement Award Finalist*), and Tabb's Station Bridge.
- Chuck Mathena Center for the Arts in Princeton, WV
- Merriman Athletic Facilities building at Virginia Tech – structural and site work
- Private skybox addition at Mountaineer Field at West Virginia University
- Mercer County Health Center in Green Valley, WV – structural and site work
- Oakvale Elementary School in Oakvale, WV – structural and site work
- North Central Advanced Technology Center in Marion County, WV - structural
- Marshall University married student housing renovations in Huntington, WV



STACY A. FOWLER, P.E.
PROJECT MANAGER

EDUCATION:

Bluefield State College
BS, Civil Engineering Technology (1995)
University of Central Florida
Master of Science, Civil Engineering (2007)

REGISTRATIONS/AFFILIATIONS:

Registered Professional Engineer in West Virginia (2002),
Georgia (2003), and Florida (2007)

EXPERIENCE:

Stafford Consultants Incorporated (2009 to present)
Engineering Design and Construction, Inc. (2004-2009)
Port St. Lucie, FL Utility Systems Dept. (2001 to 2004)
Velcon Group, Incorporated (1998 to 2001)

Pentree, Inc. (1998)
Computects, Incorporated (1997-1998)
Visualizations, Incorporated (1995-1997)
Pentree, Inc. (1995)

PROJECT MANAGER AND DESIGNER:

- Meadow Bridge Sewer Improvements Project for the Town of Meadow Bridge, WV
- Mercer/Summers Phase IV-A Waterline Extension for Oakvale Road PSD – 8 miles of water main, storage tank and pressure reducing stations near Oakvale, WV
- Southern Grove Master Drainage Model for 3,600 acre development in Port St. Lucie, FL
- Tradition Operable Structures within the Tradition Development in Port St. Lucie, FL
- Tradition Master Control Structure spanning 50' wide drainage canal for 1,500 acre land development project in Port St. Lucie, FL
- Western Grove Master Drainage Model for 1,550 acre development in Port St. Lucie, FL
- Peacock Canal Relocation and Maintenance – included stream restoration and relocation for 3,000 acre land development in Port St. Lucie, FL
- Chester Brook Academy – paving, grading, and drainage plans along with permitting for 10,000 sq.ft. day care facility in Port St. Lucie, FL
- Port Consolidated – paving, grading, and drainage plans along with permitting for a 2 acre fueling station in Fort Pierce, FL
- B-Shaped Lake – construction plans, permitting, and contract administration for 2 acre, 80' deep lake for stormwater system in Port St. Lucie, FL
- Corporate Park – infrastructure design, permitting, and construction administration for 10+ acre commercial development in Port St. Lucie, FL
- LTC Ranch – regulatory review and planning of 50+ acre commercial land development in Port St. Lucie, FL

Cover Letter

Qualifications & Technical Expertise

Firm Profiles

Projects

Resumes

WV State Forms





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: 18835

Doc Description: Parks - Pipestem - A/E Laundry Facilities

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2014-09-05	2014-10-14 13:30:00	CEOI 0310 DNR150000007	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:

E.T. Boggess, Architect, Inc.
 PO Box 727 101 Rockledge Avenue
 Princeton, WV 24740 304-425-4491

FOR INFORMATION CONTACT THE BUYER

Dean Wingerd
 3045580468
 dean.c.wingerd@wv.gov

Signature X

FEIN # 55-0515917

DATE October 10, 2014

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

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.

E.T. Boggess, Architect, Inc.

(Company)



Todd Boggess, President

(Authorized Signature) (Representative Name, Title)

304-425-4491 / 304-425-2028 / October 10, 2014

(Phone Number) (Fax Number) (Date)

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 exceeds 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: E. T. Boggess, Architect, Inc.

Authorized Signature: *E. T. Boggess* Date: October 10, 2014

State of West Virginia

County of Mercer, to-wit:

Taken, subscribed, and sworn to before me this 10 day of October, 2014.

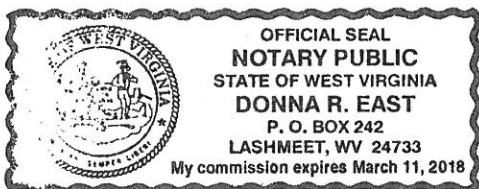
My Commission expires March 11, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC

Donna R. East

Purchasing Affidavit (Revised 07/01/2012)





Letter of Transmittal

10/9/2014

TO: Department of Administration, Purchasing Division
2019 Washington Street, East
Charleston, WV 25305-0130

Project:
WVDNR - Pipestem

Sealed Bid Buyer: Mr. Dean Wingerd
Solicitation No: DNR150000007
Bid Opening Date: October 14, 2014
Bid Opening Time: 1:30 p.m.
Fax Number: 304-425-2028

Sending Via:
UPS

CODE LEGEND	<input type="checkbox"/> 1. For payment	<input type="checkbox"/> 4. For your signature	<input type="checkbox"/> 7. Send 1 to Contractor
	<input checked="" type="checkbox"/> 2. For review	<input type="checkbox"/> 5. As requested	<input type="checkbox"/> 8. Return 1 to ETB
	<input type="checkbox"/> 3. For your files/use	<input type="checkbox"/> 6. Owner keeps 1	<input type="checkbox"/> 9. Office Copy

# of copies	DATE	DESCRIPTION	CODE
4		Expression of Interest/Proposal	2

REMARKS:

Thank you for this opportunity and we hope to hear from you soon.

Signed: Todd Boggess, AIA, NCARB, Architect



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: 18835

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Vendor Name, Address and Telephone Number:

E.T. Boggess, Architect, Inc.
 PO Box 727 101 Rockledge Avenue
 Princeton, WV 24740 304-425-4491

FOR INFORMATION CONTACT THE BUYER

Dean Wingerd
 3045580468
 dean.c.wingerd@wv.gov

Signature X

FEIN #

55-0515917

DATE October 10, 2014

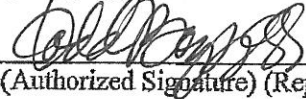
All offers subject to all terms and conditions contained in this solicitation

CERTIFICATION AND SIGNATURE PAGE

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E.T. Boggess, Architect, Inc.

(Company)



Todd Boggess, President

(Authorized Signature) (Representative Name, Title)

304-425-4491 / 304-425-2028 / October 10, 2014

(Phone Number) (Fax Number) (Date)

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 exceeds 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: E.T. Boggess, Architect, Inc.Authorized Signature: *E.T. Boggess* Date: October 10, 2014State of West VirginiaCounty of Mercer, to-wit:Taken, subscribed, and sworn to before me this 10 day of October, 2014.My Commission expires March 11, 2018.**AFFIX SEAL HERE****NOTARY PUBLIC***Donna R. East*

Purchasing Affidavit (Revised 07/01/2012)

