

Proposal for Architectural & Engineering Services



CAMP DAWSON
MAIL / PACKAGE & ID CARD FACILITY
WVARNG - DEFK12012

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WV PURCHASING
DIVISION



JERRY GOFF AIA
ARCHITECTURE



JERRY GOFF • A I A

A R C H I T E C T U R E

January 30, 2012

Div Engineering & Facilities – Armory Board Section
C/O Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, West Virginia 25305-0130

Re: “WVARNG MAIL / PACKAGE and ID CARD FACILITY”

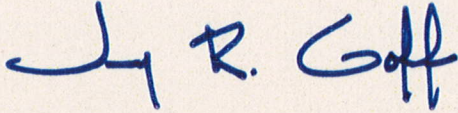
The WVARNG is about to embark on an important project in designing the new Mail / Package and ID Card Facility at Camp Dawson.

There are other qualified firms that will submit their credentials for this contract; however, should you choose Jerry Goff Architecture to implement the design of your project, you will receive the following distinct advantages:

- Jerry Goff Architecture brings a unique EXPERIENCE to this project. *JGAIA SERVED AS ARCHITECT FOR THE COONSKIN ARMORY MAIL ROOM AND AG STORAGE FACILITY RENOVATION PROJECTS.*
- Jerry Goff Architecture served as ARCHITECT FOR NEW MAIL ROOMS at the GASSAWAY and ST. ALBANS READINESS CENTERS. *These projects included Anti-Terrorism and Force Protection measures.*
- You will have the expertise of an Architect who has SUCCESSFULLY DESIGNED MAJOR PROJECTS for the WVARNG WITHIN THE OWNER'S BUDGET.
- Your project will be much more than “just another project” as some firms will approach this project. *WE WILL MAKE YOUR PROJECT A PRIORITY in our office.*
- Our DESIGN APPROACH to your project will be as follows:
 1. MEET WITH the OWNER'S Representatives to determine the Owner's NEEDS.
 2. Prepare a WRITTEN NARRATIVE to document the Owner's Goals for the Project to assure the Owner's requirements are addressed.

3. Prepare a *MASTERPLAN* including drawings and other design tools to illustrate achievement of the Owner's Goals as a design solution.
4. Prepare a realistic *BUDGET* of construction costs for the Owner.

We thank you for the opportunity to submit our expression of interest for the WVARNG MAIL / PACKAGE and ID CARD FACILITY at Camp Dawson and look forward to further discussions on this important project. If you have any questions about our proposal, please call (304) 722-3379.

A handwritten signature in blue ink that reads "Jerry R. Goff". The signature is stylized, with the first name "Jerry" written in a cursive-like script, followed by "R." and "Goff" in a more upright, blocky style.

Jerry Goff, AIA

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JERRY GOFF AIA
ARCHITECTURE

The FIRM, Jerry Goff Architecture



Firm History

The firm of Jerry Goff Architecture is a third generation Architectural firm originally established in 1959 in St. Albans, West Virginia. The firm provides comprehensive design services for commercial, military, health care facilities, banks, assembly, educational facilities.

Since 1977, Jerry Goff Architecture has been working with owners to meet their current space requirements and plan for future growth of their facilities. The key to the success of any project is to have a planning team *experienced in creative design solutions in meeting the client's facility needs.*

Our team of specialists offers our clients the expertise to successfully complete increasingly complex projects.

*Our staff is
enthusiastically
dedicated to
the success of
your project*

In addition to offering our clients the highest quality design services, our firm offers other services that help our clients make important decisions through the enormous task of creating a properly designed modern facility.

Goals for Our Clients Projects

Our goal for our clients' complex projects is to achieve innovative design solutions meeting today's requirements with consideration for future growth in a cost-effective manner.



JERRY GOFF AIA
ARCHITECTURE



*We pride
ourselves in
being good
"listeners"*

*More building
for each
dollar spent
by our clients*

Maximizing Input

Our firm prides itself on its ability to meaningfully involve all of the Owner's Planning Team that you feel are important to the success of your project in the planning and design process. In the development of each Jerry Goff Architecture project, our design team works closely with your planning staff, administrative, maintenance personnel, and project leader to design a facility, which *meets today's needs and anticipates the needs of tomorrow*. We have extensive experience in bringing groups to consensus and communicating complex architectural issues in understandable terms.

Proven Project Experience

As you plan, design and construct your new project, you will need a team that has experience with these complex facilities and the many issues that you will need to address to ensure the success of your project.

We include an overview of our firm's design experience. The same professionals that made these projects successful will be working with you to ensure your new project meets all of your program requirements.

Maximizing Value

We place great importance in obtaining the greatest value for our clients. We work to maximize each dollar spent to gain the most cost efficient building project.

User Friendly Buildings

Our firm has always been committed to designing facilities that are both attractive and cost effective.



JERRY GOFF AIA
ARCHITECTURE

We are committed to designing facilities that are environmentally responsible and educating our clients about incorporating energy efficiency features in a cost-effective manner.

Jerry Goff Architecture is sensitive to managing **environmental** and **economic issues** surrounding the use of fossil fuels. We are enthusiastic about making energy conservation and efficient use of renewable energy a priority in all our projects.

Indoor Air Quality is an important issue concerning building design. At Jerry Goff Architecture, we screen the building materials we specify for known toxins to keep them out of the indoor air.

Manufacturing processes and disposal recommendations for building materials can impact the environment and the economy in unintended and unanticipated ways. We will consider the entire **lifecycle** of the materials we specify in each project and we will work with you to gain a more complete understanding of the **true costs and benefits** of design and material decisions.

Green Design and **Clean water resources** are vital to maintaining healthy communities. To ensure that this resource is protected, Jerry Goff Architecture will work with you to develop appropriate water management strategies. By maximizing your contribution to protecting our water resources, we all make our communities a better place to live.

Cost Effective Energy Conservation is achievable without unnecessary costs and fees to the Owner. Chasing credits and points required by some agencies is not to the Owner's best interest. Quality design services by JGAIA can integrate real energy conservation resulting in lower operational costs to the Owner.



JERRY GOFF AIA
ARCHITECTURE

JERRY R. GOFF, AIA

Principal Architect



Jerry Goff
AIA, NCARB
Owner

**Architectural
Registrations:**

WV #1167
OH #13663
VA #011645

Experience:
30 Years

Affiliations:
West Virginia
Society of Architects

American Institute
of Architects

National Council of
Architectural
Registration Board:
Certification
No. 20,106

Jerry Goff has proven he can work to achieve for the best value and most for each dollar spent for his client working within the Owner's budget whether the project is a complex renovation project or a new construction project.

Mr. Goff has led teams in the development of major projects like the BB & T Banking Operations Center, Hurricane High School, GW Middle School. Military project experience includes the Saint Albans CST, Gassaway Readiness Center, OMS Shops at Tri-State Armory and Camp Dawson.

Jerry Goff prides himself in the ability to obtain a consensus with his clients to set and achieve the Owner's goals in an efficient cost effective manner. He considers his greatest asset as an architect is "being a good listener" and determining the Owners requirements and then implementing a process that results in a successful building project. Jerry Goff has developed his expertise by dedicating his career to satisfying clients' needs.

Some of Mr. Goff's credentials include:

- NCARB - National Council of Architectural Registration Boards certified.
- Licensed Architect: West Virginia, Virginia and Ohio
- Member of the American Institute of Architects
- Served as Architectural Consultant to the West Virginia Library Commission
- Past Director: West Virginia Society of Architects
- Served on Liaison Committee for the WVSA and the West Virginia State Fire Marshal
- Design Awards:
 - WVSA Honor Award – Conference Center for the Diocese of Wheeling/Charleston, Huttonsville, WV
 - Main Street Pedestrian Mall
 - Governor's Main Street Program
 - Best Commercial Development Project
 - WVSA Recognition Award
 - Dunbar, New Martinsville and Richwood Libraries



JERRY GOFF AIA
ARCHITECTURE

The Project Team

The professionals who lead our project team have dedicated their careers in preparing themselves for your project. We offer our clients the best in architectural and engineering design services. Our clients receive direct personal involvement of the principal architect and project team leader assuring a comprehensive project coordination effort between architectural and engineering disciplines.



John Jason Goff

Education:
University of North Carolina
School of Architecture

Since 1992 Jason's experience includes a proven track record in coordination and integrating technology systems in modern designs for new and renovation projects. Jason has led teams that have developed large complex projects such as the Additions to George Washington Middle School and Hurricane Middle School. Jerry Goff Architecture has been a leading design firm of addition and renovation projects in West Virginia. Jason has developed his expertise by dedicating his career to complex building projects earning respect from the construction community. This confidence has attracted a strong following of local general trades, mechanical and electrical contractors resulting in very competitive bids for our clients.



JERRY GOFF AIA
ARCHITECTURE



Chris Legg

Education:
University of Tennessee
School of Architecture

Chris Legg joined the firm of Jerry Goff Architecture in 1997 and plays an important role in coordination of as-built conditions of existing buildings as they relate to complex addition and renovation projects. In addition to his role of architectural construction document development, Chris's experience in engineering disciplines offers a unique ability to coordinate mechanical and electrical systems with site and general trades work, assuring complete and detailed bidding and construction documents, resulting in minimum, if any, change orders during construction.

Jud Ham PE

Jud Ham P.E. has provided Civil and Structural Engineering services for Jerry Goff Architecture projects for over 20 years including major projects including One Valley Bank in Morgantown, Mount Vernon Baptist Church and the St. Albans Readiness Center addition and renovation. Mr. Ham brings a vast experience in building and industrial engineering projects.



JERRY GOFF AIA
ARCHITECTURE

Consulting Team Members

GEOTECHNICAL:

H.C. NUTTING
912 Morris Street
Charleston, WV

SITE/CIVIL ENGINEERING

Qk4 ENGINEERS
Project Engineer:
Steven M. Newton, P.E.
802 B Street
St. Albans, WV

STRUCTURAL:

HAM ENGINEERING
Project Engineer:
Judd Ham, P.E.
411 ½ D Street
South Charleston, WV

PLUMBING, MECHANICAL & ELECTRICAL:

CMA ENGINEERS
Project Engineer:
Dan Ellars, P.E.
824 Cross Lanes Drive
Charleston, WV



JERRY GOFF AIA
ARCHITECTURE

GROUNDBREAKING by Design.



Architecture Engineering Planning



LAND SURVEY Services

Qk4's Land Survey Department has been providing surveying services since 1974 in all aspects of residential, commercial, real estate, industrial, development, and surveys for highway design projects. Our firm offers an extensive array of land survey solutions to assist clients with Boundary, Topographic, ALTA/ACSM Land Title, Deformation, As-built and Site Planning Surveys.

We have assembled a dedicated team of responsible project managers, experienced field crews and qualified office staff to ensure innovative and accurate project solutions. All of our field crews utilize modern Total Stations and Data Collectors. In addition, we have multiple Trimble GPS receivers, including three complete RTK GPS configurations. All the information collected in the field is processed in the latest versions of AutoCad or MicroStation InRoads Survey, as specified by the individual client.

ALTA / ACSM Land Title Survey

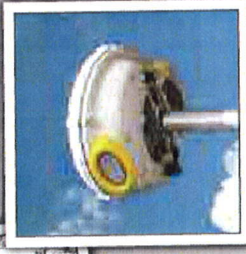
ALTA surveys are Qk4's most comprehensive type of survey, covering all aspects of boundary and improvement survey. Commonly performed on commercial properties, this survey identifies the property boundary, the location of any improvements, easements, encroachments, encroachments or other pertinent information specific to the property, and is certified to the 2011 ALTA/ACSM Minimum Standard Detail Requirements.

Boundary Surveys and Subdivision Plats

A boundary survey considers both ownership records and field evidence to determine the location of the property boundary. Qk4 provides the client a certified survey plat



ALTA Survey



Trimble R8 GNSS
High Precision
GPS Receiver



Surveyed
Property
Display



TOPO Survey

"For any surveying services that we require in our Kentucky markets, we think of Qk4. We have always been pleased with the accuracy and timeliness of their work."

Craig G. Eilers
White Castle Management Company

and written Metes and Bounds description of the property. If a subdivision is desired, Qk4 can prepare both major and minor subdivision plats as required by local governing agencies.

Topographic Surveys

Topographic surveys are graphic representations of the three dimensional location of natural and man-made features for use in site design or as-built verification. By utilizing GPS technology, Qk4 can create 3D topographic surveys on any geographic coordinate system to provide the client with precise information for each individual project. These surveys can be used in conjunction with aerial mapping or other digital graphic information systems.

Highway Surveys

Within the past 10 years Qk4 has successfully completed over 60 separate statewide surveying assignments of varying scopes, all on time and within budget. These assignments have included establishing horizontal and vertical control, boundary surveys, topographic surveys, Digital Terrain Models, record plats, right-of-way Monumentation, construction staking and subsurface utility location. Qk4 surveys have been used to support highway projects in Kentucky, Tennessee, West Virginia and Indiana.

Utility Management Surveys

Qk4 offers the ability to locate and map all types of above ground and subsurface utilities for both private and public utility providers for inventory and management uses. Non-invasive vacuum excavation is used to locate the horizontal and vertical position, as well as size and type of subsurface utilities.

Our Clients

A partial list of our repeat clients includes:

- Louisville Gas & Electric
- Kentucky Transportation Cabinet
- Louisville Water Company
- The United States Department of Agriculture
- Vectren Energy Delivery
- White Castle Systems
- Louisville Arena Authority

www.qk4.com | 800.928.2222

GROUNDBREAKING *by Design.*



Architecture Engineering Planning



ENVIRONMENTAL *Services*

Qk4 provides an approach to the National Environmental Policy Act (NEPA) process resulting in a project obtaining federal approval in the fastest time possible. We provide legally defensible documents — from CE's to RODs — guiding decision makers to the overall best solution and eligibility for federal funding.

The Process

NEPA is considered an umbrella policy and a process law. Our firm has been implementing the NEPA process for over 30 years for a huge array of federalized projects. Our goal is always to obtain a signed document that addresses the important issues. Our process considers environmental, community, and economic goals early in the planning phase and carries them throughout all subsequent phases of project development. Our avenue for success is constant communication, innovative public involvement, and employment of environmental experts throughout the decision-making process.

Through our proven experience, the qualified Qk4 environmental team understands the legal and environmental issues and processes necessary for NEPA documentation, including Section 4(f), Section 106, TES, Air Quality, Clean Water Act, E.J., and other federal laws and policies.

Qk4's NEPA "subject matter" expertise includes:

- Environmental Overviews
- Air Quality Modeling and MSAT Qualitative Analysis
- Noise Modeling and Analysis
- Socioeconomic and Environmental Justice Impacts
- Phase I Environmental Site Assessments (ESAs)
- Planning Services
- Public Involvement
- NEPA Document Writers and Editors

"This is a quality product and you should both be proud of the effort it has taken to get this project moving towards the ultimate goal of construction. Outstanding document!"

Mr. Tim Foreman
Division of Environmental Analysis



Typical Public Involvement Meeting



3D Simulation of a Proposed Noise Wall



Environmental Map of Proposed Road Improvements

Environmental Issues

Noise Policies

Our staff is experienced with state and federal noise policies and procedures, and can produce well-documented traffic noise studies for Type I and Type II barriers. By actively participating in meetings with residents in a project's vicinity, Qk4 takes the time to explain the noise analysis process and listen to the concerns of those who may be affected by noise associated with the project.

Phase I Environmental Site Assessments

Qk4 has the experience and tools to produce Phase I Environmental Site Assessments (ESAs) for clients concerned about potential hazardous materials for a proposed project. Our environmental team adheres to the "All Appropriate Inquiries" rule developed by the U.S. Environmental Protection Agency (EPA) in concert with the American Society for Testing and Materials (ASTM), International Standards.

NEPA Documents

There is a broad range of NEPA documents and a certain way federal agencies approach them. Qk4 has authored short Categorical Exclusions for local governments, as well as multi-volume Tiered EISs for major bi-state projects. For each, success is in the details of the documentation and listening to the clients' needs. The objectives are to document the process, the project, the impacts and the mitigation, in the spirit of full disclosure and project advancement.

Our Clients

Qk4 provides services to both the public and private sectors. The projects undertaken by our professional staff are directed toward one goal: meeting clients' needs. Ultimately, we feel this will lead to the establishment of a long-term client relationship. Qk4's client list includes:

Kentucky Transportation Cabinet
Louisville Metro Government
Indiana Department of Transportation
City of Shepherdsville, Kentucky
Various Engineering Firms

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S. MICHAEL NEWTON, PE, PS

Regional Office Manager: West Virginia / Vice President

34 YEARS EXPERIENCE 24 YEARS WITH Qk4

EDUCATION

Speed Scientific School
University of Louisville

REGISTRATIONS

PE / 1984 / KY / 13967
PE / 1985 / IN / PE21204
PE / 1995 / NC / 20940
PE / 1995 / PA / 048599R
PE / 2000 / WV / 14389
PLS / 1983 / KY / 2664
PLS / 1990 / TN / 1593
PLS / 1990 / IL / 035-0029481
PLS / 2000 / WV / 2023

AFFILIATIONS

American Society of Civil Engineers
National Society of Professional Engineers
West Virginia Association of Consulting
Engineers
West Virginia Rural Water Association

ADDITIONAL EDUCATION

Introduction to Stream Functions and
Processes
Methods for Stream Channel Assessment
and Analysis
Natural Stream Channel Design
Advanced Natural Stream Design and
Monitoring
State & Federal Legislative Issues
WV Infrastructure Forum; ACEC
Copyright Protection of Engineering,
Architectural and Construction Documents
Basics of Project Financing
Trenchless Technology Pipeline
Rehabilitation Methodologies
Work Zone Traffic Control; WVDOH
Dendrology (Tree Identification) - KY

Mr. Newton has experience in a wide array of civil engineering projects for both public and private clients, including commercial developments, drainage improvement projects, landfills, residential developments, transportation, wastewater, and water projects. His project experience includes scheduling, planning, preliminary design, final design, cost estimates, easements / right-of-way acquisition, bidding, and construction management. He has also managed the surveying tasks associated with all of the above, including alta surveys, boundary surveys, condominium plats, descriptions, easement plats, major and minor subdivision plats, right-of-way plats, topographic surveys, etc.

Notable Site Projects:

M.H. Corbin and Associates; Putnam County, West Virginia

This project included boundary and topographic surveys and site plans for a 0.93 acre site with a 4,800 square foot building. The site plans included geometric layout, striping, utilities, grading, drainage, landscaping, lighting and erosion control. All permits were obtained. This project is currently under construction with an estimated cost of \$275,000.

Bayliss and Ramey, Inc.; Putnam County, West Virginia

This project included boundary and topographic surveys and site plans for a 5 acre site with a 15,900 square foot building. The site plans included geometric layout, striping, utilities, grading, drainage, landscaping, lighting and erosion control. All permits were obtained. The construction was completed in December 2010 at an approximate cost of \$400,000.

International Coal Group Heliport; Putnam County, West Virginia

This project included the design of a 61.5 foot by 61.5 foot helicopter pad on the on the property owned by GDY, LLC. The project included grading and construction staking along with acquiring all permits through the planning commission and FAA.

St. Albans Armory Addition & Renovation; Kanawha County, West Virginia

This project included a 14,000 S.F. building addition. Our services included calculations, plans and details related to drainage and erosion control. Drainage calculations using the TR-55 method were performed to ensure that the existing drainage structures were capable of handling additional flows due to the increases in impervious areas. We also assisted with permits.



Architecture Engineering Planning

Groundbreaking by Design.

Gassaway Armory Addition & Renovation; Braxton County, West Virginia

This project included a 4,800 S.F. building addition and paving an existing 26,000 S.F. gravel parking lot. Our services included calculations, plans and details related to drainage and erosion control. Drainage calculations using the TR-55 method were performed to ensure that the existing drainage structures were capable of handling additional flows due to the increases in impervious areas. We also assisted with permits.

Dr Herman Eye Center; Putnam County, West Virginia

This project involved boundary and topographic surveys and site plans, for a 1.17 acre site with a 3,426 square foot building. The site plans included geometric layout, striping, utilities, grading, drainage, landscaping, lighting and erosion control. All permits were obtained, including the Putnam County Office of Planning and Infrastructure, Soil Conservation Service (SCS) and the City of Hurricane, a MS4 community. The construction was completed in April of 2007 at an approximate cost of \$630,000.

Fruth Pharmacy; Putnam County, West Virginia

This project involved boundary and topographic surveys and site plans, for a 3.06 acre site with an 11,000 square foot building. The site plans included geometric layout, striping, utilities, grading, drainage, landscaping, lighting and erosion control. All permits were obtained. The construction cost was approximately \$900,000.

International Coal Group Headquarters; Putnam County, West Virginia

This project included boundary and topographic surveys and site plans for a 2.5 acre site with a 51,000 square foot building. The site plans included geometric layout, striping, utilities, grading, drainage, landscaping, lighting and erosion control. All permits were obtained. The construction was completed in February of 2007 at an approximate cost of \$7,100,000.

Teays Valley Cinemas; Putnam County, West Virginia

This project included boundary and topographic surveys, and site plans, for a six (6) acre site. The plans included layout, striping, utilities, grading, drainage, landscaping, lighting and erosion control. The plans also included the widening of Erskine Lane. All permits were obtained including a Special Permit through the Putnam County Office of Planning and Infrastructure. Construction staking for the site and offsite utilities was also done.

This project led to associate projects, which included a Traffic Impact Study at the intersection of Erskine Lane and Teays Valley Road (County Route 33) and widening plans for Teays Valley Road to accommodate an additional left turn lane into the site. The construction was completed in March of 2005 at a cost of approximately \$ 3.5 million.

Cobblestone Subdivision; Putnam County, West Virginia

Cobblestone Subdivision is an ongoing residential subdivision of approximately 435 acres. This premier subdivision, with a beautiful ridge top view, is located in Putnam County, West Virginia. This community includes the natural surroundings of nature trails, as well as the security of a gated neighborhood. Lots range from 0.70 to 3.6 acres, with the average lot size being 1.7 acres. Section One consisted of approximately 103 acres and 57 lots. Construction was completed in January of 2003, at a cost of approximately 1.5 million dollars. Phase One of Section Two consisted of 75 acres and 38 lots. Construction was completed in December of 2005, at a cost of approximately \$900,000 dollars.

Phase Two of Section Two will consist of 50 acres and 23 lots. Construction started in April 2007, and is expected to be complete in September, at an approximate cost of \$500,000 dollars. Section Three will consist of 40 acres and 27 lots. Construction is scheduled to be started in October of 2007, at an approximate cost of \$900,000 dollars. As Project Manager, Mr. Newton is responsible for supervising all design aspects of this project.



Architecture Engineering Planning

Groundbreaking by Design.

C O R P O R A T E P R O F I L E



Clingenpeel/McBrayer & Associates, Inc.

Services

CMA Engineering is a West Virginia based small business firm, providing services in the areas of HVAC, plumbing, fire protection and electrical engineering. CMA's founders have long believed in the philosophy that a successful project requires a comprehensive approach. This includes all traditional facets of project planning, starting with master planning, working closely with the client, developing the completed construction documents, bidding the project and contract administration. However, our depth of expertise goes far beyond the traditional services, From developing design criteria for owners to designing the mechanical and electrical systems for the West Virginia DEP Consolidated Office Building, the first LEED certified building in the state, CMA is a proven leader in providing engineering services in the design-build delivery method. As we have been involved in LEED Certification and other "LEED-Oriented" ventures for several years, we attempt to incorporate the most efficient and sustainable "green" designs in all of our projects.

History

Since 1986, CMA Engineering has provided services on numerous projects of varying size and complexity. Clients include architects, industrial companies, governmental agencies, contractors, engineers, developers and private organizations. With offices strategically located in Charleston and Morgantown, our professional staff can provide clients with exceptional hands-on engineering services and construction administration without effecting the project's budget.



Commitment

CMA Engineering's submittal is based on your needs and our experience. Our firm has the experience, service and quality work to create a successful project. We are committing senior design professionals in order to assure you receive top priority. We have extensive experience with projects of this nature. Examples of projects for which we were the Engineer are listed in this proposal.

In 1987, computer aided drafting stations were added to provide the best quality and engineering services for our clients. We are currently operating AutoCad 2011. Our firm is constantly monitoring the latest technology, the cost effects and the end results to the final project.

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 Engineering is large enough to handle any size project, yet small enough for direct input and supervision by key personnel.



Clingenpeel/McBrayer & Associates, Inc.

Daniel L. Ellars, P.E.

Timothy L. Cox, P.E.

824 Cross Lanes Drive

5 Riddle Court

Charleston, WV 25313

Morgantown, WV 26505

(304) 343-0316 tel

(304) 598-2558 tel

(304) 343-5146 fax

(304) 598-2472 fax

Professional Affiliations



Leadership in Energy &
Environmental Design



U.S. Green Building
Council



American Society of
Heating, Refrigerating and
Air Conditioning Engineers,



American Institute of
Architects— WV Chapter
Affiliate Member



National Fire
Protection Association

ASPE

American Society Of
Plumbing Engineers



MasterSpec
Specifications



The
LIGHTING
AUTHORITY

Illuminating
Engineering Society



WV Society of
Healthcare Engineers



International Code Council (ICC)



Business Partner

CMA
ENGINEERING

P R O F I L E

**Timothy Cox, P.E.,
NCEES.**

President

Mechanical Engineer

(304) 598-2558

tcox@cmawv.com

EDUCATION

University of Colorado
Boulder, Colorado
Degree: Mechanical Engineering B.S.

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Association of Energy Engineers-CBCP

Registered Professional Engineer in WV, VA, MD, KY

CPD (Certified in Plumbing Engineering)

Member of ASHRAE

American Society of Plumbing Engineers

National Association of Fire Protection Engineers

WV Society of Healthcare Engineers

EXPERIENCE

Mr. Timothy Cox, President and Senior Mechanical Engineer of CMA Engineering brings 26 years of mechanical design experience to our clients. Mr. Cox has been project manager and project engineer for a variety of

PROJECTS

West Virginia University-Open End Contract since 1999
Mountain Lair Plaza Renovations
Boreman HVAC/Plumbing/Fire Sprinkler Upgrades
Soccer Stadium
Coliseum Life/Safety Renovations
Coliseum Locker Room Suites
Engineering Science Building Addition/Renovations
Arnold Hall Fire Alarm/ Fire Sprinkler Upgrades
Wrestling Training Facility

WVU Health Sciences Center

Electrical and Mechanical Utility Extensions for
BioMedical Research Facility

West Virginia University Hospitals

WV Eye Institute-MEP systems design for new facility
Cheat Clinic-MEP design for new clinical addition
WVUH Emergency Department-HVAC, electrical, fire and communication systems design for new addition
Chestnut Ridge Hospital-various MEP renovations
Healthworks Rehab and Fitness -MEP systems design for new facility

Mylan Pharmaceuticals, Morgantown, WV

Various projects including HVAC, plumbing, fire Sprinkler and controls for new office building, fluid bed addition, north plant expansion, parking garage and weighing and packaging.



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

(304) 598-2558 tel

(304) 598-2472

References



West Virginia University
P.O. Box 0877
Morgantown, WV 26505
Contact: Mr. John Thompson
(304) 293-3625



Kanawha County Schools
3300 Pennsylvania Avenue
Charleston, WV 25302
Contact: Mr. Charles Wilson
(304) 348-6148



State of West Virginia
1900 Kanawha Blvd, East
Bldg. 1, Room MB-60
Charleston, WV 25305
Contact: Mr. Robert Kilpatrick
(304) 558-0250



Mylan Pharmaceuticals, Inc.
P.O. Box 4310
Morgantown, WV 26504
Contact: Mr. J. J. Dotson
(304) 599-2595

P R O F I L E

Daniel Lee Ellars, P.E.
LEED AP
NCEES
Principal

(304) 343-0316

dellars@cmawv.com

EDUCATION

West Virginia University Institute of Technology
Montgomery, West Virginia.
Bachelors of Science in Electrical Engineering

West Virginia State University
Institute, West Virginia
Bachelors of Science in Business Administration

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Registered Professional Engineer in West Virginia

National Fire Protection Association (NFPA)

Institute of Electrical and Electronics Engineers (IEEE)

American Society of Heating, Refrigerating and Air-Conditioning
Engineers (ASHRAE)

EXPERIENCE

Mr. Daniel L. Ellars, Electrical Engineer for Clingenpeel/McBrayer & Associates, Inc. brings 21 years of electrical design experience to our clients. Mr. Ellars has been a project manager and project engineer for a variety of projects including commercial and industrial facilities as well as for both power and tele-communications utilities.

PROJECTS

Military Experience

West Virginia Army National Guard
Elkins Readiness Center-Electrical systems design for new facility
Eleanor (WV) Maintenance Center—Electrical systems design for new facility
Moorefield Readiness Center-Electrical systems for new facility
Gassaway Armory-Electrical design for renovations
St. Albans Armory-Electrical design for renovations to existing facility and new addition

Hospital Experience

West Virginia University / Ruby Memorial Hospitals
West Virginia Eye Institute—Electrical systems design for new facility.
Thomas Memorial Hospital—Electrical systems survey, upgrades and documentation. Standby emergency power engine/generator replacement.

Correctional Experience

St. Mary's Correctional Center—Multiple emergency power engine/generator systems with combined control and monitoring.

Industrial Experience

Mylan Pharmaceuticals
Mylan Office & Lab Buildings—various electrical systems designs for new, existing and expanded facilities including new 23kV/12kV switchyard and grounding plain layout.



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

(304) 598-2558 tel

(304) 598-2472

P R O F I L E

James A. Kerns

Mechanical/Electrical Designer

(304) 343-0316

jkerns@cmawv.com

EDUCATION

West Virginia State College
Institute, West Virginia
Degree: Bachelor of Science in Industrial Technology/
Building Construction

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Member of ASHRAE

EXPERIENCE

Mr. James A. Kerns has over 33 years experience in Mechanical and Electrical engineering design. He has been responsible for design projects in the educational, commercial, and health care fields.

Mr. Kerns has been a great asset to Clingenpeel/McBrayer & Associates. His knowledge and experience enables him to complete project designs in a clear and concise manner and in a timely fashion.

PROJECTS

Kanawha County Schools

George Washington High School-HVAC Renovations
George Washington High School-Classroom Additions
Horace Mann Middle School-HVAC Renovations
Elkview Middle School-Classroom Additions
Elkview Middle School-Fire Alarm System
Ruffner Elementary School-Classroom Additions
Point Harmony Elementary School-Activity Building

Concord College

Athens, West Virginia — various renovation projects throughout the campus, which include Twin Towers Fire Alarm, Twin Towers Elevator Renovation, and Alexander Arts Center Chiller Replacement.

U.S. Postal Service

Open End Contract Since 1993, which encompasses numerous Post Office Renovations, new Post Offices, and new Postal Maintenance Facilities. Mr. Kerns has been Project Manager for over 65 projects for the U.S. Postal Service.

Yeager Airport

New Parking Garage
New Emergency Generator
Electrical Upgrades
Fire Alarm System Upgrade
Security Upgrade
Fire Sprinkler Renovations



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(304) 598-2472

P R O F I L E

Matt Corathers, E.I.

Mechanical Designer

(304) 598-2558

mcorathers@cmaav.com

EDUCATION

West Virginia University
Bachelor of Science -Mechanical Engineering

PROFESSIONAL DEVELOPMENT

Successfully passed Fundamentals of Engineering Exam

EXPERIENCE

Mr. Corathers joined our professional staff in 2008, having previously worked for Whitman, Requardt and Associates in Baltimore, MD.

PROJECTS

West Virginia University

Mechanical design for new two-story child care facility

University High School, Morgantown, WV

Mechanical design for renovations/upgrades to the HVAC systems

Randolph County Building

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

Mechanical design for renovations to 4,850sf in existing court facility

Veterans Hospital, Clarksburg, WV

Mechanical design for renovations to Dental Lab

Monongalia General Hospital

Evaluation of kitchen gas systems
Mechanical design for renovations to IT workroom cooling



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P R O F I L E

Larry Weese

Mechanical/Plumbing Designer

(304) 343-0316

lweese@cmaav.com

EDUCATION

West Virginia University
Morgantown, West Virginia
Degree: Division of Forestry BS,MS

PROJECTS

Emergency Response Facilities

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

Military Facilities

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

Medical Facilities Experience

Charleston Area Medical Center
Women & Children's Hospital- Renovations to
Emergency Room
Hess Medical Office Building-New Facility
Pinewood Medical Office Building-Renovations
Southern West Virginia Hospice-New Facility
NorthGate Doctor's Office Building-New Facility

WV Department of Health and Human Resources

Office of Chief Medical Examiner, Charleston
New Facility Mingo County

PROFESSIONAL DEVELOPMENT

Various seminars and technical sessions

EXPERIENCE

Mr. Larry Weese, Mechanical Designer for Clingenpeel/McBrayer & Associates, Inc. brings 20 years of mechanical design and project management experience to our clients.

Industrial Experience

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

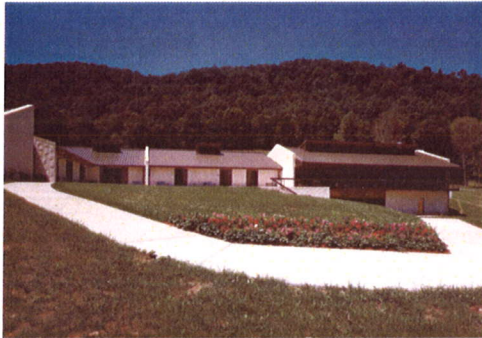


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DESIGN AWARD WINNING Projects



HONOR AWARD

West Virginia Society of Architects

ADULT CONFERENCE CENTER

Diocese of Wheeling-Charleston
Huttonsville, West Virginia



HONOR AWARD

West Virginia Governor's Office MAIN
STREET PROGRAM

BEST NEW DEVELOPMENT

ONE VALLEY BANK - Morgantown,
WV



SPECIAL RECOGNITION for LIBRARY PROJECTS

West Virginia Society of Architects

DUNBAR PUBLIC LIBRARY

NEW MARTINSVILLE PUBLIC

LIBRARY

ROANE COUNTY LIBRARY



HONORABLE MENTION AWARD

West Virginia Society of Architects

MAIN STREET PEDESTRIAN PLAZA

St. Albans, West Virginia



JERRY GOFF AIA
ARCHITECTURE

References

Mr. Chuck Hatfield, Supt.
Putnam County Schools
Winfield, WV
304.586.0500

Mr. Doug Bentz, CEO
Roane General Hospital Rural Health Clinic
Spencer, WV
304.924.4444

Mr. Tom Brewer, Pres.
Peoples Federal Credit Union
Nitro, WV
304.722.2274

Ms. Dee Scritchfield, Director
Coplin Memorial Community Health Center
Elizabeth, WV
304.275.3301

Paul Reed, Pres.
Farmers Bank
Pomeroy, Oh
740.992.2136



JERRY GOFF AIA
ARCHITECTURE

Design Experience



ST. ALBANS READINESS CENTER

St. Albans, WV

Project Information:

Floor Area - 25,000 SF

JITEC / COUNTER DRUG / CST FACILITIES

MAIL ROOM

TRAINING & SEMINAR ROOMS



JERRY GOFF AIA
ARCHITECTURE

Design Experience



GASSAWAY READINESS CENTER

Gassaway, WV

Project Information:

Floor Area - 24,000 SF

MAIL & STORAGE FACILITIES

RECRUITING OFFICES

FOOD SERVING



JERRY GOFF AIA
ARCHITECTURE

Design Experience



BB&T TRAINING & RECEIVING CENTER

Charleston, WV

Project Information:

Floor Area - 40,000 SF
RECEIVING & LOADING DOCK
MAIL ROOM
ARCHIVING
TRAINING CENTER



JERRY GOFF AIA
ARCHITECTURE

Design Experience



St. Albans Post Office

St. Albans, WV

Project Information:

Floor Area - 16,000 SF

COMMUNITY / REGIONAL POST OFFICE
RECEIVING & LOADING DOCK



JERRY GOFF AIA
ARCHITECTURE

Project Experience

ARMORY PROJECTS

Coonskin Complex - AG Storage & Recruiting Office Renovation

Coonskin Complex Mail Room Renovation & Loading Dock

Coonskin Complex AG Office Renovation

St. Albans Readiness Center Addition & Renovation - 2010

Gassaway Armory Addition & Renovation

Camp Dawson Vertical Skills Building – Interior Build-out

Camp Dawson Building 242 Data Center

CST Addition - St. Albans Readiness Center

St. Albans Armory

St. Albans Armory Addition

Charleston Armory Headquarters Building Renovation

ADA Renovation - Princeton Armory

ADA Renovation - Fairmont Armory

ADA Renovation - Bluefield

Camp Dawson Barracks, Kingwood, WV

Classroom Training Building - Camp Dawson

Senior Officer's Quarters - Camp Dawson

Camp Dawson (OMS) Organizational Maintenance Shop

Huntington Armory

Huntington Armory Addition

Huntington (OMS) Organizational Maintenance Shop

USPFO Addition - Buckhannon

Renovations and Modifications:

Dunbar

St. Albans

Montgomery

Salem

Gassaway

Buckhannon

USPFO - Buckhannon

Point Pleasant

Spencer

Oak Hill

Coonskin Armory Headquarters 2-Story Addition



JERRY GOFF AIA
ARCHITECTURE

HEALTH CARE FACILITIES

River Valley Community Health & Wellness Center
Coplin Memorial Community Health Center
Roane General Hospital Rural Health Clinic
Jackson General Hospital Rural Health Clinic Renovation
River Partners Medical Office Building
Ashton Metro MRI Center
Thomas Memorial Hospital:
ICU / CCU Renovation
Vine Street Parking Lot
Medical Office Building South
Dr. Sibley Medical Office Suite
Dr. Deer Medical Office Suite
Dr. John/Taravath Medical Office Suite
Dr. Hively Medical Office Suite
Dr. Lagos Medical Office Suite
Dr. Bonfiglio Medical Office Suite
Dr. Shah Medical Office Suite
Outpatient Recovery Lounge
Wing H - East Pharmacy Renovation
X-ray Suite Renovation
Third Floor Nurses Station Renovation
2-West Renovation
Sleep Therapy - EEG-EMG
Mammography Office Suite
Family Practice Suite
ES Therapy Room
Cardiovascular Services Renovation
Orthopedic Surgeons Suite for Dr. Soulsby
OB Medical Suite for Dr. Patel
Pre-Admission Testing Suite
Morgue and Autopsy Renovation
Roane General Hospital
Solarium & Long Term Care Renovation
Clinic Registration Renovation
OB & Med Surgical Unit Renovation
ER & Lab Addition
ER, Outpatient Recovery Addition
CT Scan Addition
Roane County Health Center
Boone County Health Center
Jackson General Hospital
Emergency and Waiting Room Addition
Ashton Place Medical Center - Suite Construction
Bone and Joint Surgeons Medical Building



JERRY GOFF AIA
ARCHITECTURE

BANKS & CREDIT UNIONS

Peoples Federal Credit Union – Pt. Pleasant
Union Trades Federal Credit Union
West Virginia Federal Credit Union – St. Albans
West Virginia Federal Credit Union – So. Charleston
Pioneer Federal Credit Union – Charleston Renovation
Pioneer Federal Credit Union – Oak Hill Renovation
BB & T Operations Center Renovation
BB & T Bullitt Building Renovation
BB & T Covington, Va.
One Valley Bank - Town Center Mall Renovation
One Valley Bank - 38th Street, Kanawha City
One Valley Bank - Beckley
One Valley Bank - Piedmont Operations Center
One Valley Bank - Princeton
One Valley Bank - Ceredo
One Valley Bank - West Side
One Valley Bank - Vienna
One Valley Bank - Teays Valley
One Valley Bank - Morgantown
One Valley Bank - St. Albans
One Valley Bank - St. Albans/Drive-In Facility
One Valley Bank - South Parkersburg
One Valley Bank - Ravenswood Facility Study
One Valley Bank - Ripley Site Feasibility Study
City National Bank - St. Albans (Corporate Prototype)
Rock Branch Community Bank
Peoples Federal Credit Union
Peoples Federal Credit Union - Eleanor
First National Bank of Spencer
First National Bank of Spencer - Drive-In Facilities
First National Bank of Ronceverte
Citizens National Bank - St. Albans
Poca Valley Bank
Citizens National Bank - Elkins
National Bank of Commerce - Drive-In Facility



JERRY GOFF AIA
ARCHITECTURE

RELIGIOUS

Mount Vernon Baptist Church – Sanctuary Addition
Dunbar First Baptist Church Office & Parlor Addition
St. Andrew United Methodist Church Elevator Addition
River Lake Methodist Church Addition & Renovation
St. Paul Baptist Church
Steele Memorial United Methodist Church
The Church of Jesus Christ of Latter-Day Saints
East Williamson Baptist Church Addition
Cedar Grove Baptist Church Addition
Winfield United Methodist Church
Oak Hill United Methodist Church
Humphrey's United Methodist Church
Dunbar First United Methodist Church
Aldersgate United Methodist Church
Cross Lanes Baptist Church
Christian Alliance Church
Alderson-Broadus Chapel
North Hills Baptist Church
Old Kanawha Baptist Church
St. Albans First Baptist Activities Building
Hurricane First Baptist Church
Grace Lutheran Church Addition
First Baptist Church Renovations - South Charleston
Fisher Memorial Chapel
Mt. Calvary Baptist Church
Coal Fork Methodist Church
Teays Valley Church of God
Teays Valley Presbyterian
Teays Valley Presbyterian Addition
Rebecca Chapel
Community Chapel Renovations
Dunbar Mountain Mission Church
North Charleston Baptist Church Renovations
Hurricane Presbyterian Church
Ferguson Memorial Baptist Church
Ansted Baptist Church
Teays Valley Missionary Baptist Church
Poca United Methodist Church
St. Paul United Methodist Church
Fairlawn Baptist Church
Highlawn Baptist Church Addition
Emmanuel Baptist Church Renovations
New Life Church Addition
Randolph Street Baptist Church Classroom Building
Teays Valley Church of God Sanctuary Addition
Hurricane Baptist Sanctuary & Classroom Building
Riverlawn Presbyterian Sanctuary & Classroom Building
Highlawn Presbyterian Renovation
Poca United Methodist Sanctuary Addition



JERRY GOFF AIA
ARCHITECTURE

LODGING, CONFERENCE CENTERS AND RESTAURANTS

Cedar Lakes Lodge & Conference Center
Coonskin Lodge
Coonskin Cabins
Panther State Forest Main Complex Lodge
West Virginia Baptist Conference Center
Adult Conference Center - Diocese Wheeling-Charleston
Dunbar Plaza Travelodge
Dunbar Plaza 4-Story Travelodge Addition
Staunton Virginia Holiday Inn Renovation
Cornerstone Restaurant
Bluefield Sheraton Inn
Monsanto Dining Room Renovations
Ammar Seafood Restaurant
Blacksburg Holiday Inn Renovations
Crossroads Mall Motel & Restaurant

RECREATIONAL

KCPRC - Shawnee Clubhouse
KCPRC - Shawnee Sports Center
KCPRC - Pioneer Park Clubhouse & Swimming Pool
KCPRC - Coonskin Family Center
KCPRC - Coonskin Park Shelter
Dunbar Recreation Center
Wine Cellar Park - Dunbar
St. Albans Recreation Center
St. Albans Swimming Pool
Clay County Swimming Pool & Bathhouse
WV Baptist Conference Center Swimming Pool
WV Rehab Center Recreational Park
CPD - Cato Park Swimming Pool
CPD - King Center Health Club Addition
Piedmont Elementary Urban Park
Oakmont Park
Cato Park Golf Pro Shop
Woodland Circle Comfort Station
St. Albans Boat Ramp



JERRY GOFF AIA
ARCHITECTURE

ELEMENTARY SCHOOLS

Buffalo Elementary - Media Center Addition
Winfield Elementary - 1998 10 Classroom Addition
West Teays Elementary
West Teays Elementary Addition
Hurricane Town Elementary - 5 Classroom Addition
Eastbrook Elementary
West Teays Elementary
Hurricane Town Elementary
Lakeside Elementary
Rock Branch Elementary Multi-Purpose Room Addition
Rock Branch Elementary Renovation
Hometown Elementary
Winfield Elementary 10 CR Addition
Conner Street Elementary
Conner Street Elementary Addition
George Washington Elementary Addition
Poca Elementary Additions
Poca Elementary Re-Roofing
Ruthlawn Elementary School
Alum Creek Elementary School
Alum Creek Elementary School Addition
Lakewood Elementary School
Lakewood Elementary School Addition
Alban Elementary School Addition
Woodlawn Elementary School
Tiskelwah Elementary School Multi-Purpose & Kitchen
West Hamlin Elementary
Hamlin Elementary Addition

MIDDLE SCHOOLS

Hurricane Middle School - 2000 Addition
Winfield Middle School - CR Addition & Cafeteria Renovation
Hurricane Middle School - 1995 Phase I-16 CR Addition
Winfield Middle School Addition
Winfield Middle School Re-Roofing
Poca Middle School Addition
St. Albans Junior High Site Development
St. Albans Junior High Fire Corrections & Band Room
Hayes Junior High School Classroom Addition



JERRY GOFF AIA
ARCHITECTURE

HIGH SCHOOLS

Hurricane High School - HVAC Replacement
Hurricane High School - 3 Classroom Addition
Winfield High School Classroom Addition
Hurricane High School
Hurricane High School Classroom Addition
Poca High School - HVAC Replacement
Poca High School
Poca High School Classroom Addition
Winfield High School
Buffalo High School Addition
Buffalo High School Re-Roofing
Harts High School Renovation
Harts High School Addition
Hamlin High School Locker Building

SPECIAL USE FACILITIES

Putnam County Schools Operation Center
Putnam County Schools Bus Garage
Putnam County Vocational-Technical Center
Putnam County Vocational-Technical Center Re-Roofing
Winfield Special Education Center
Putnam County Schools Fire Code Corrections & Renovation
Owens Center - TMR
Lincoln County Resource Materials and Admin Building

COLLEGES AND UNIVERSITIES

WVSC - Dawson Hall Renovation
WVSC - Campus Pedestrian Mall - Phase I
WVSC - Visitor's Court Plaza
WVSC - Erickson Alumni Center
WVSC - Alumni Court Plaza
WVSC - East Hall Renovation
WVSC - Administration Building Renovation
WVSC - Drain-Jordan Library
WVSC - Gore Hall Renovation
WVSC - Sullivan Hall Renovation
WVSC - Wallace Hall Renovation
WVSC - Fine Arts Building Renovation
WVSC - Jones Hall Re-Roofing
WVSC - Student Union Lobby
WVSC - Campus Signs
Southern West Virginia Community College



JERRY GOFF AIA
ARCHITECTURE

LIBRARIES

Hurricane High School Library
Morgantown Public Library
Summersville Public Library
Cross Lanes Public Library
Hurricane Public Library
Nitro Public Library Addition
West Huntington Public Library
White Sulphur Springs Public Library
New Haven Public Library
Drain-Jordan Library - W. Va. State College
Dunbar Public Library
Richwood Public Library
New Martinsville Public Library
Roane County Alpha Regional Library
Elk Valley Public Library
Clendenin Public Library Renovations
St. Albans Public Library

OFFICES

Tuppers Creek Professional Office Building
Charleston Home Builders Association Office Building
Putnam County Schools Operations Center Interior
Putnam County Schools Phase II Operations Center Add
B. F. Goodrich Corporate Office Building - Union
B. F. Goodrich Break Room
Snap-On Tool Corporation Office and Warehouse
Kanawha Valley Scales Office and Warehouse
NECA National Electrical Contractors Association Office
Monsanto Corporate Office Building - Nitro Plant
Monsanto Drivers Staging Building
Monsanto Vehicle Services Shop
FMC Office Addition
Union Carbide Silicone II Control Center
Williams & Williams CPA Office Building
Boy Scout Headquarters Building
Carbon Fuel Office Building
WV State Fairgrounds Office Building - Fairlea
Howe Medical Office Building
Peyton Law Office
BCM Laboratories Building
David Freshwater Office Building
Westvaco Office Addition - Rupert



JERRY GOFF AIA
ARCHITECTURE

GOVERNMENTAL

St. Albans Post Office
St. Albans Recreation Center
Clay County Courthouse
Roane County Courthouse
Boone County Human Services Center
Dunbar Fire Station
St. Albans Fire Station
Highlawn Fire Station - St. Albans
Hamlin Community Building
Main Street Plaza - St. Albans
Dunbar Downtown Revitalization Project
Kanawha Children's Home Renovations
Hansford Community Center Renovation
Ohio Avenue Revitalization
Boone County Jail Renovation
St. Albans City Building Renovation
Dunbar Sr. Citizens Center Renovation
Kanawha County Emergency Ambulance Authority
Bend Area Community Center - New Haven

COMMERCIAL

C & O Motors Lexus Showroom - St. Albans
Allegheny Freight Building
Parkway Market Addition



JERRY GOFF AIA
ARCHITECTURE

Design of mechanical, electrical, plumbing, fire protection and communication systems, including emergency power generators.



WVANG Elkins Readiness Center

CMA Engineering provided design of HVAC, plumbing, fire sprinkler and fire alarm systems, and electrical systems for new 54,500sf readiness center. All systems were designed utilizing LEED criteria.



Moorefield Readiness Center

CMA Engineering is currently providing mechanical, electrical and plumbing design services for the new 57,100sf readiness center which will include a 911 Center, a distance learning center and classrooms. MEP systems are being designed to obtain LEED Silver Certification .



Gassaway Armory

CMA Engineering provided mechanical, electrical and plumbing, design services for the renovation of 24,170sf of a single story structure including a 10,900sf drill hall and the addition of a new 4,810sf single story facility to house lockers, storage space, a lobby, corridors and office space.



St. Albans Armory

CMA Engineering provided mechanical, electrical and plumbing design services for the renovation of 16,407sf of a single story facility and a single story addition of 13,940sf composed primarily of office space, storage space, a lobby and corridors.

Project Profiles

WVANG

Design of mechanical, electrical, plumbing, fire protection and communication systems, including emergency power generators.



WVANG Eleanor Maintenance Center

CMA Engineering provided mechanical, electrical and plumbing design services for a 132,000sf maintenance facility to house combined support maintenance shop and Class IX USPFO warehouse. CMA has continued to provide engineering services for the addition of the paint booth, entrance guard house, MCOFT pad, and covered storage.



WVANG Eleanor Readiness Center

CMA Engineering provided engineering services for the design of mechanical, electrical and plumbing systems for the new 80,000sf readiness center, including a 16,000sf section that is utilized by the United States Navy.



WVANG Summersville Readiness Center

CMA Engineering provided engineering services for the design of mechanical, electrical and plumbing systems for the 42,000sf readiness center. This facility also features areas for use by the City of Summersville for events



WVANG Lewisburg Readiness Center

CMA Engineering provided mechanical, electrical and plumbing design services for a 37,000sf readiness center that includes a vehicle maintenance bay.

Project Profiles

New Construction 911 Centers

Design of mechanical, electrical, plumbing, fire protection and communication systems.



New Randolph County 911 Center

CMA provided design services for HVAC, plumbing, fire alarm, fire sprinkler, electrical and communications systems for the new 12,000sf facility.

New Putnam County 911 Center

CMA is currently providing design services for the HVAC, plumbing, fire alarm, fire sprinkler, electrical and communications systems for the new single story 911 Facility(11,700sf) and new two story maintenance garage(5,000sf) with six maintenance bays on lower level and storage area (1,500sf) on second level.



New Raleigh County 911 Center

CMA provided design services for HVAC, plumbing, fire sprinkler/alarm systems, data and communication and electrical power for the new Emergency Operation Center in Raleigh County.

New Wetzel County 911 Center

CMA is currently providing design services for the HVAC, plumbing, fire alarm, fire sprinkler, electrical and communications systems for the new 3,100sf facility.



Harrison County 911 Center

CMA Engineering provided mechanical, electrical, plumbing, fire alarm, fire sprinkler and communication systems design services.

Project Profiles

New Construction Emergency Response Facilities

Design of mechanical, electrical, plumbing, fire protection and communication systems



Orchard Manor Fire Station, Charleston, WV
CMA Engineering provided design of HVAC, plumbing, fire sprinkler and fire alarm, electrical and communications systems and site utilities for new 9,000sf fire station .



Northview Fire Station, Clarksburg, WV
CMA Engineering provided design of HVAC, plumbing, fire sprinkler and fire alarm systems, communication systems, lighting and electrical power for renovations to 7,000sf existing office facility and new connected garage facility of 7,300sf.



White Sulfur Springs Fire Station
CMA Engineering provided design of HVAC, plumbing, fire sprinkler and fire alarm systems, communication systems, lighting and electrical power for new 7,800sf facility.



WVANG-Fire Station
CMA Engineering is provided design services for the HVAC, plumbing, fire alarm, fire sprinkler, communications systems, lighting and electrical power for the design/build of the new approximately 21,000sf fire/crash/ rescue station in Charleston, WV.

CMA Engineering has provided engineering design services for over 65 postal projects, under an Open-end contract since 1993. Projects have included new construction and renovations/upgrades to mechanical, electrical, plumbing and security systems. A partial listing of projects include:

Charleston Main Post Office

Charleston Corridor G Plant

Charleston Carrier Annex

Clarksburg Post Office

Beckley Post Office

Bluefield Post Office

Princeton Post Office

Beaver Post Office

Inwood Post Office

Fairmont Post Office

Oceana Post Office

Williamson Post Office

Lavallette Post Office

Sandy Hook Post Office

Huntington Post Office

Martinsburg Post Office

Roanoke Post Office

Pt. Pleasant Post Office

Catlettsburg, KY Post Office

Greenup, KY Post Office

Project Profiles

New Construction



West Virginia Intermodal Parking Facility

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



Morgantown Events Center

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



Mylan Pharmaceuticals

CMA Engineering provided mechanical, electrical, plumbing and fire protection systems design for new corporate office in Morgantown, WV. CMA Engineering also provided engineering services for the 425,000sf addition to the plant facility, the new hangar and parking



Sissonville Middle School, Kanawha County

CMA Engineering provided mechanical, electrical, plumbing, sprinkler, and data/communication/alarm/control engineering design services for the new, approximately 80,000sf facility, consisting of administrative areas, commons, auditorium, media/technology, sixth, seventh and eighth grade educational areas, laboratories, special education, food services and physical education areas. CMA also provided design for the addition of the fifth grade wing.