

**Expression of Interest  
to  
Provide Professional  
Engineering Services  
for  
Electrical Upgrades to the  
Denmar Correctional Center  
RFQ #COR61423**



**August 18, 2009**

RECEIVED

2009 AUG 18 AM 10:14

WV PURCHASING  
DIVISION

**CMA**

ENGINEERING

Daniel L. Ellars, P.E.

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

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

www.cma.wv.com



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

# Request for Quotation

RFQ NUMBER

COR61423

PAGE

2

ADDRESS CORRESPONDENCE TO ATTENTION OF:

JOHN ABBOTT  
304-558-2544

RFQ COPY  
TYPE NAME/ADDRESS HERE

CMA Engineering  
824 Cross Lanes Drive  
Charleston, WV 25313

DENMAR CORRECTIONAL CENTER

HC-64, BOX 125  
DENMAR ROAD  
HILLSBORO, WV  
24946

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS		
07/27/2009						
BID OPENING DATE: 08/18/2009		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING DATE: 8/18/2009-----						
BID OPENING TIME: 1:30 PM-----						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
(304) 343-5146-----						
CONTACT PERSON (PLEASE PRINT CLEARLY):						
Daniel L. Ellars, P.E.-----						
***** THIS IS THE END OF RFQ COR61423 ***** TOTAL: _____						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE		TELEPHONE		DATE		
TITLE		FAX		ADDRESS CHANGES TO BE NOTED ABOVE		

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



August 18, 2009

Mr. John Abbott  
Department of Administration  
Purchasing Division  
Building 15  
2019 Washington Street, East  
Charleston, WV 25305-0130

Re: #COR61423  
Expression of Interest for Electrical Engineering at  
Denmar Correctional Center, Pocohontas County, WV

Dear Mr. Abbott:

CMA Engineering is pleased to submit our expression of interest in providing engineering services for the proposed electrical upgrades at Denmar Correctional Center. Our firm has provided electrical design services for numerous projects of varying size and complexity. From design of the electrical system for the new WV DEP Office Building in Charleston to analyzing and upgrading the system at The State Auditor's Office in Clarksburg to the upgrade of the electrical service at Shady Springs High School in Beckley, our professional staff is kept informed of the current codes and design criteria through its association with such professional affiliations as the National Fire Protection Association and International Code Council.

CMA Engineering has provided engineering services for numerous jail facilities in West Virginia and understands the Federal and State Regulations regarding institutional construction projects. Correctional Facility projects for which CMA was the Engineer on Record, include design of the mechanical, electrical, plumbing and fire protection systems for the new dormitory at the West Virginia Industrial Home for Youth, the new minimum security dormitory at Pruntytown Correctional Facility and electrical design for the power systems at St. Mary's Correctional Facility.

CMA Engineering appreciates your consideration of our firm and looks forward to presenting a more comprehensive statement of our qualifications in a personal interview.

CMA Engineering  
Sincerely,

A handwritten signature in cursive script that reads "Daniel L. Ellars".

Daniel L. Ellars, P.E.  
Principal

enclosures

Clingenpeel/McBrayer & Associates, Inc.

Charleston  
824 Cross Lanes Drive  
Charleston, West Virginia 25313  
(304) 343-0316 tel  
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5 Riddle Court  
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www.cma.wv.com

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

Clingenpeel/McBrayer & Associates, Inc.



## Services

Clingenpeel/McBrayer & Associates 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.

## History

Since 1986, Clingenpeel/McBrayer & Associates has provided services on numerous projects of varying size and complexity. Clients include architects, industrial companies, governmental agencies, contractors, engineers, developers and private organizations. Project locations include West Virginia, Virginia, Ohio, Kentucky, Maryland, Pennsylvania, California and Connecticut.

## Commitment

Clingenpeel/McBrayer & Associates' 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.

From an initial staff of five employees in 1986, the company has grown and now has two offices with a staff of eleven which includes two professional engineers and two engineers-in-training. Facilities and equipment have grown to support CMA's staff and client's needs.

In 1987, computer aided drafting stations were added to provide the best quality and engineering services for our clients. We are currently operating AutoCad 2009. 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 ongoing work. The staff of CMA is large enough to handle any size project, yet small enough for direct input and supervision by key personnel.

## Previous Five Years

Projects:	492
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## Construction Costs

MEP Costs:	\$156,039,689.
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Total Costs:	\$472,847,542.
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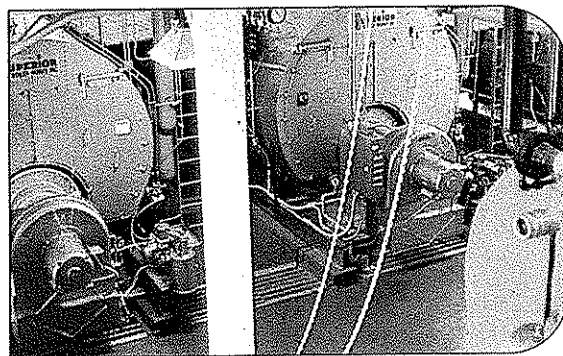
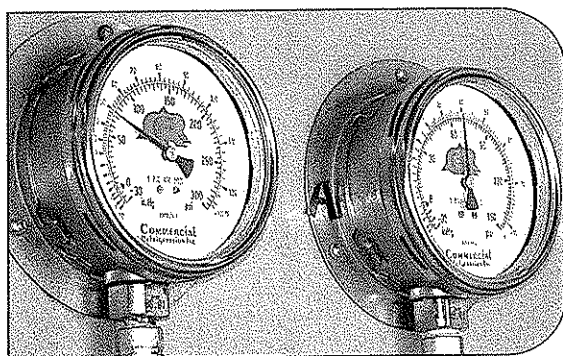
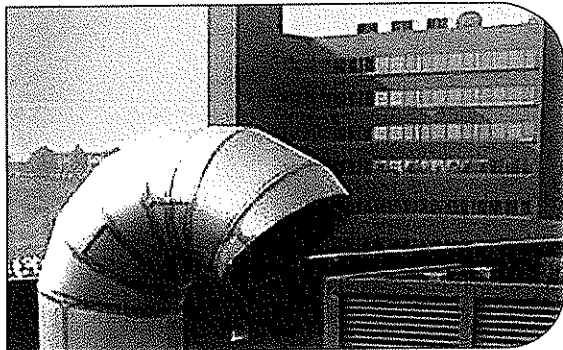
5 Riddle Court  
Morgantown, WV 26505  
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(304) 598-2472 fax

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# 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

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ENGINEERING

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## E L E C T R I C A L

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

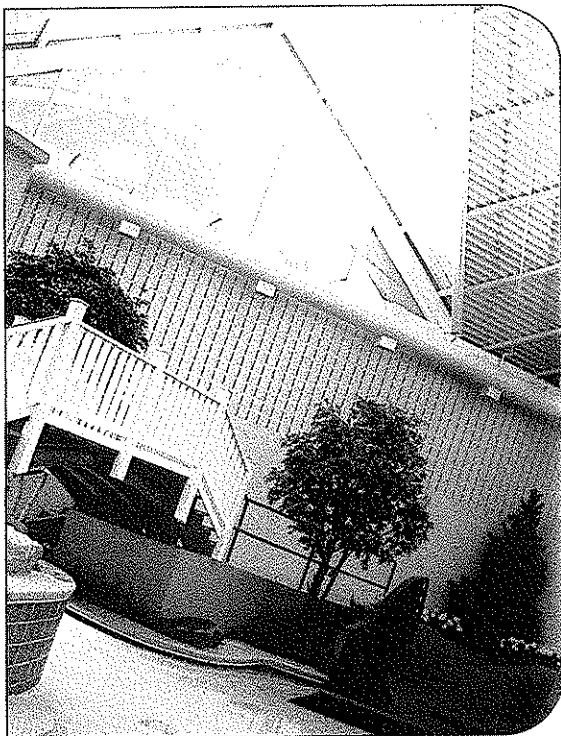
Lightning Protection

Intercommunications Systems

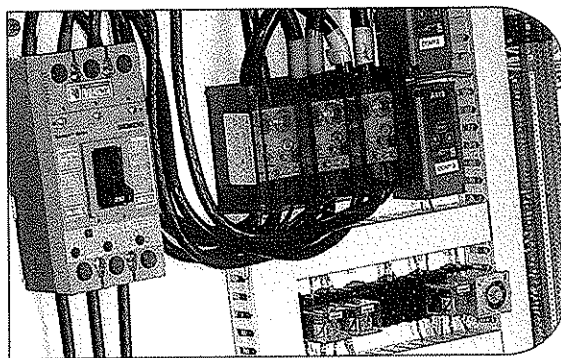
Nurse Call

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

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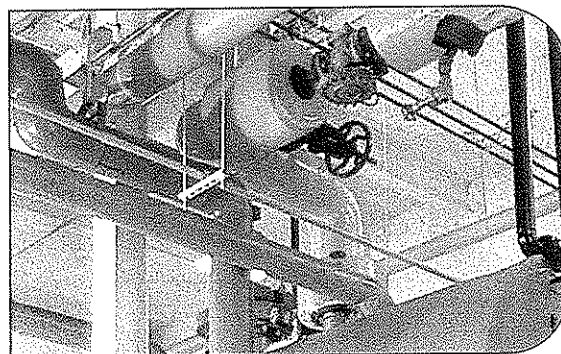
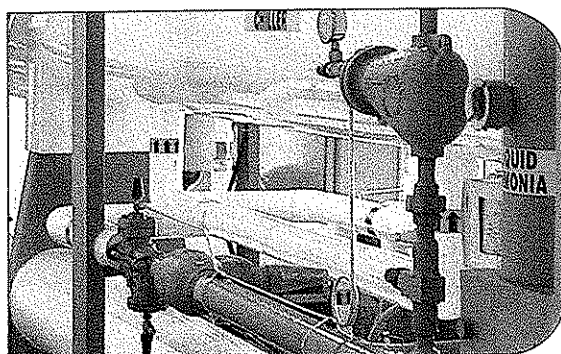
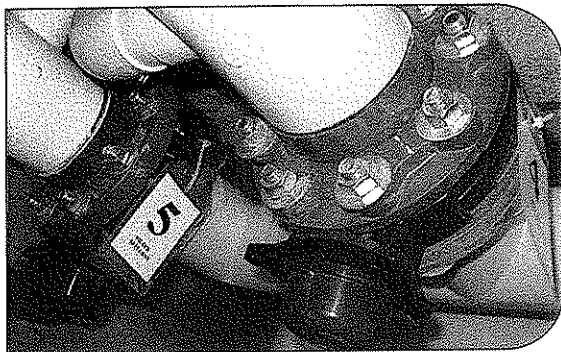
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(304) 598-2472 fax

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## 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

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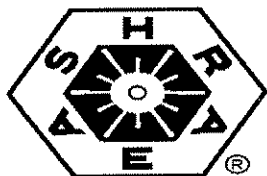
## Professional Affiliations



Leadership in Energy &  
Environmental Design  
(LEED)



U.S. Green Building  
Council  
(USGBC)



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



American Institute of  
Architects— WV Chapter  
Affiliate Member  
(WVAIA)



National Fire  
Protection Association  
(NFPA)

ASPE

American Society of  
Plumbing Engineers  
(ASPE)



MasterSpec  
Specifications  
(ARCOM)

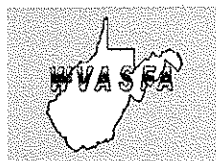


The  
LIGHTING  
AUTHORITY

Illuminating  
Engineering Society  
(IES)



WV Society of  
Healthcare Engineers  
(WVSHE)



Business Partner



International Code Council (ICC)



Clingenpeel/McBrayer & Associates, Inc.

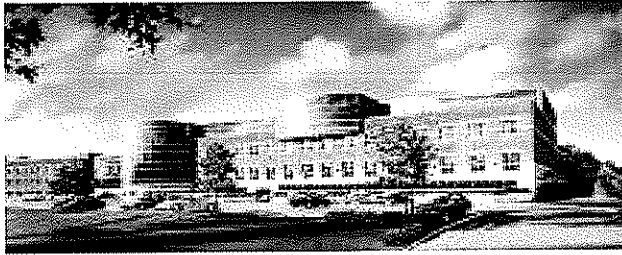
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## References

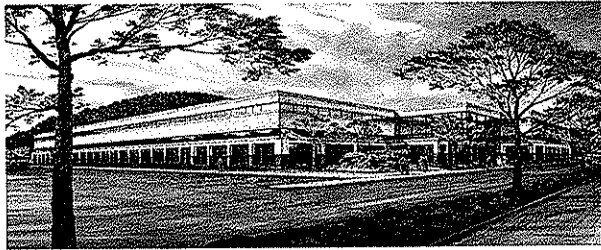
### Mechanical/Electrical/Plumbing



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



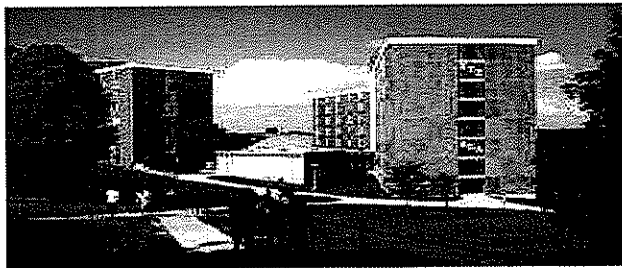
West Virginia University  
P.O. Box 0677  
Morgantown, WV 25605  
Contact: Mr. Russ Sharp  
(304) 293-2101



WV Dept. of Environmental Protection  
601 57th Street  
Charleston, WV 25304  
Contact: Mr. B. F. (Cap) Smith  
(304) 926-0480



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



Concord University  
P.O. Box 1000  
Athens, WV 24712  
Contact: Mr. Larry Lilly  
(304) 348-3115

# R E S U M E

Timothy Cox, P.E.,  
NCEES.  
President  
Mechanical Engineer

(304) 598-2558  
tcox@cmauw.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, 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 24 years of mechanical design experience to our clients. Mr. Cox has been project manager and project engineer for a variety of projects.

## 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.

**CMA**  
ENGINEERING

Clingenpeel/McBrayer & Associates, Inc.

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(304) 598-2472

www.cmauw.com

# R E S U M E

Daniel Lee Ellars, P.E.  
LEED AP

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

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

## EXPERIENCE

Mr. Daniel L. Ellars, Electrical Engineer for  
Clingenpeel/McBrayer & Associates, Inc. brings 19  
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

### Educational Experience

Jackson County (WV) Schools—Electrical  
Upgrades & Expansions.

### 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.

### Military Experience

West Virginia Army National Guard  
Eleanor (WV) Maintenance Center—Electrical  
systems design for new facility.

### 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.



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Morgantown, WV 26505  
(304) 598-2558 tel  
(304) 598-2472

www.cmawv.com

# R E S U M 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 32 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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# R E S U M E

**Larry Weese**  
Mechanical/Plumbing Designer

(304) 343-0316  
lweese@cmawv.com

## EDUCATION

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

## PROJECTS

**Emergency Response Facilities**  
Raleigh County 911-New Facility  
Mason County 911-New Facility  
Randolph County 911-New Facility  
Orchard Manor Fire Station-New Facility

**Primary/Secondary Educational Experience**  
South Charleston Middle School Toilet Renovations  
Shady Springs High School Classroom Additions  
Clear Fork Elementary School HVAC Renovations  
New Sissonville Middle School  
Nitro High School Toilet Renovations  
Fairdale Elementary School

**Higher Educational Experience**  
Marshall University-Band Practice Facility  
Marshall University-Morrow Library Renovations  
Fairmont State University-New Student Union  
WVU Institute of Technology-  
Old Main Fire Sprinkler  
Engineering Building Fire Alarm/Sprinkler

## PROFESSIONAL DEVELOPMENT

Various seminars and technical sessions

## EXPERIENCE

Mr. Larry Weese, Mechanical Designer for Clingenpeel/McBrayer & Associates, Inc. brings 18 years of mechanical design and project management experience to our clients.

**Commercial Experience**  
Verizon-Variou projects including 1500 MacCorkle  
Office Building Renovations  
Public Service Commission- New Parking Garage  
and Office Renovations  
New Medical Office Building-Clarksburg, WV  
Silver Tree Suites-New Hotel in Deep Creel, MD



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Morgantown, WV 26505  
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(304) 598-2472

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# R E S U M E

**Matt Corathers, E.I.**  
Mechanical Designer

(304) 598-2558  
mcorathers@cmawv.com

## EDUCATION

West Virginia University  
Bachelor of Science -Mechanical Engineering

## PROFESSIONAL DEVELOPMENT

Successfully passed Fundamentals of Engineering Exam

## EXPERIENCE

Matt is a recent addition to CMA Engineering 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

### Univesity of Maryland Field House

Mechanical design for the replacement of two heat exchangers and a domestic use-hot water generator

### Vilotteville Elementary School, Maryland

Mechanical design for the addition of 24 new classrooms



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# R E S U M E

Jeremy R. Perry, E.I.  
Mechanical Designer  
(304) 343-0316  
jperry@cmawv.com

## EDUCATION

San Jose University  
San Jose, CA  
Degree: Mechanical Engineering B.S.

## PROFESSIONAL DEVELOPMENT

Successfully passed Fundamentals of Engineering Exam  
WV Society of Healthcare Engineers

Various ASHRAE, HVAC and LEED design courses

## EXPERIENCE

Jeremy is a recent addition to CMA Engineering having previously worked for MKK Consulting Engineers, Billings, Mt.

## PROJECTS

### Educational Experience

Bighorn County School District #1, Wyoming  
Grey Bull Elementary-LEED Analysis  
New Rocky Mountain Junior/Senior High  
Cowley High School

Sheridan County School District #1, Wyoming  
Big Horn High School Campus  
Tongue River High School

Powell High School Kitchen Renovation  
Shoshoni High School Gym Renovation

### Hospitality Experience

Warren Miller Lodge, Big Sky, MT

### Religious Facilities

King of Glory Church, Billings, MT

### Commercial Experience

Sheridan Bank, Sheridan, WY  
Bighorn County Historical Museum, Hardin, MT



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# R E S U M E

**Jerry F. Betarie**  
Electrical Designer  
(304) 598-2558  
jbetarie@cmawv.com

## EDUCATION

Penn State, University Park, PA  
Degree: B.S. Electrical Engineering.

## EXPERIENCE

Mr. Betarie has 19 years experience in  
Project Management, Electrical Design  
and Project Estimating.

## PROJECTS

University High School, Morgantown, WV  
Electrical design services for the  
renovations to the electrical system

Ridgedale Elementary School  
Electrical design for renovations/  
upgrades to electrical system

Fairfield Inn, Morgantown, WV  
Electrical design for new 50,000sf hotel

Barbour County Bank, Philippi, WV  
Electrical design for renovations of  
existing facility and the addition of  
A two-story, 3,500sf, building

Fairmont Federal Credit Union  
Electrical design for tenant fit-out of the  
second floor space



Clingenpeel/McBrayer & Associates, Inc.

824 Cross Lanes Drive  
Charleston, WV 25313  
(304) 343-0316 tel  
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## Project Profiles

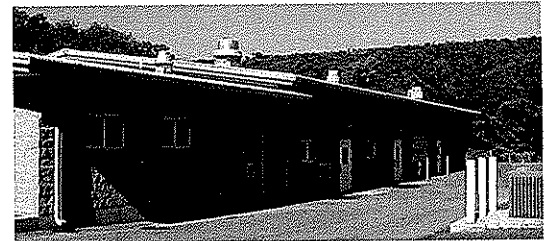
### **WV State Auditor's Office Data Center, Clarksburg**

CMA provided design to replace two existing pad-mounted transformers, one single phase and one three-phase, serving two buildings with a one new three-phase pad mounted transformer with an outdoor line-up of switchgear and an emergency/generator set. The switchgear included two main switches, to split the services, and a distribution section and automatic transfer switch for the data center.



### **Romney WTP**

CMA Engineering provided electrical design to combine two existing services, one for a water treatment plant and one for a remote river water intake pumping station, into one and to install an emergency engine/generator set to serve both facilities.



### **University High School, Morgantown**

CMA Engineering provided mechanical, electrical and plumbing upgrades to the old high school for future use as a middle school. CMA provided design for a complete fire alarm/fire sprinkler upgrade, removal of the old steam heating systems, design of the new HVAC system which includes air-conditioning. New plumbing systems included hot water heating systems and new domestic water entrance modifications to resolve site pressure problems and restroom renovations. A new electrical entrance was added to provide for the additional load for cooling and other systems, as well as, new electrical distribution for the older floor areas.



### **Institute School, Beckley**

CMA provided mechanical and electrical design services for upgrades of the electrical systems and modifications of the HVAC system of the 15,300sf former school facility for use by Raleigh County as office space. Project included design and installation of an elevator to connect the three floors of the facility.



### **Legal Numbers, LLC**

CMA provided mechanical and electrical design services for upgrades to the HVAC and electrical systems of the 32,000sf IBM building in Charleston, WV.



## Project Profiles

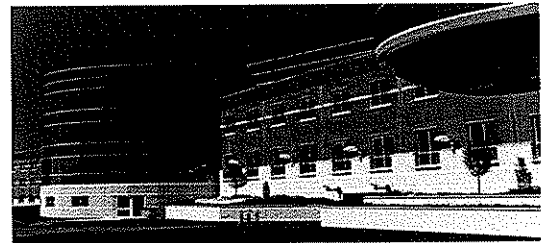
### **West Virginia University Coliseum**

CMA Engineering provided mechanical, electrical and plumbing systems upgrade of court level and the construction of two new club level spaces, renovations to the restrooms, concession area and walkway. CMA also provided design services for the upgrade of the electrical, fire alarm, fire sprinkler and smoke evacuation systems.



### **Mylan Pharmaceuticals, 23KV Substation to Plant**

CMA Engineering provided electrical engineering services to provide new 23KV Substation and electrical underground distribution system to feed existing plant, new 60,000sf office building and 500,000sf plant expansion.



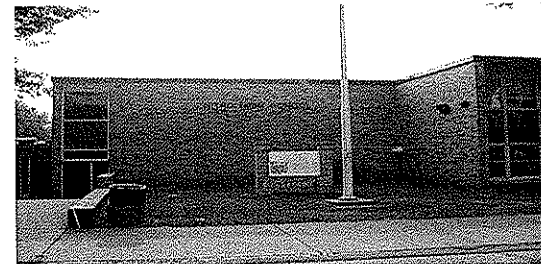
### **Shady Spring High School, Raleigh County**

CMA provided HVAC, electrical, plumbing, fire alarm, data and communication design services for the addition of five classrooms, art studio and toilets. Renovations included the upgrade of the electrical system to service new addition.



### **Nitro High School, Kanawha County**

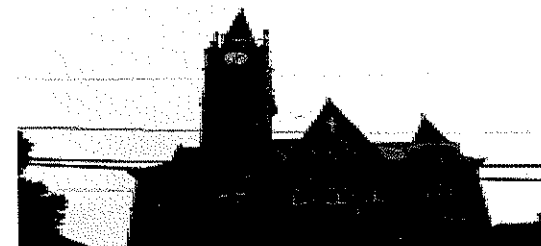
CMA provided mechanical, electrical, plumbing and fire protection services for the addition of the auxiliary gym. We recently completed the MEP design services for the HVAC system upgrade, which included an electrical systems upgrade.



### **Doddridge County Courthouse**

CMA provided design services for the upgrades of the mechanical, electrical, plumbing, fire sprinkler /fire alarm and communication systems for the second and third floors of the facility.

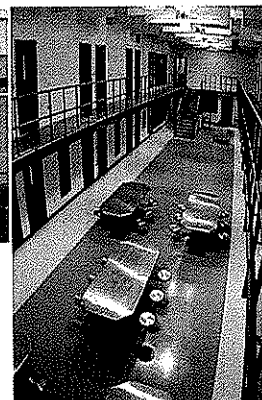
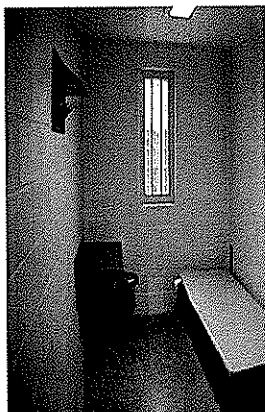
Registered with National Historical Society.



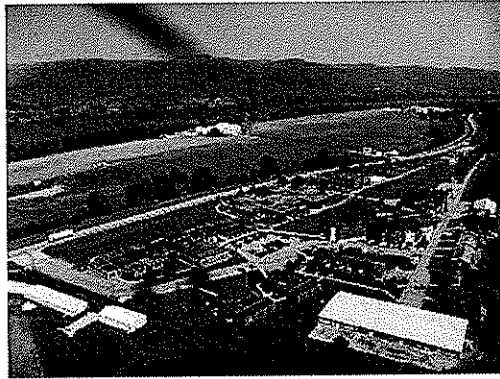


### West Virginia Industrial Home for Youth

CMA Engineering provided mechanical, electrical, plumbing, fire protection and communication design services for the new 200,000sf two-story dormitory at the WV Industrial Home for Youth. Dormitory facility provides individual cells, private bath rooms, kitchen, cafeteria and medical unit to serve 200 hundred youths. Each wing includes a mezzanine level.



**WV Industrial Home for Youth**  
(Left to Right)  
Cell , Dining Area, Mezzanine



### **St. Mary's Correctional Facility**

CMA has provided engineering services for various buildings on St. Mary's campus including renovation of Building #75 which is a single story 36,000sf building with six cell pods, each pod housing 24 men. Building includes administration area in core of building. CMA provided design services for the renovation of the North South Building, which is a single story 36,000sf facility with two inmate wings. CMA Engineering also provided electrical engineering design for upgrading the entire campus power system with multiple pad-mounted transformers and multiple engine/generator sets.



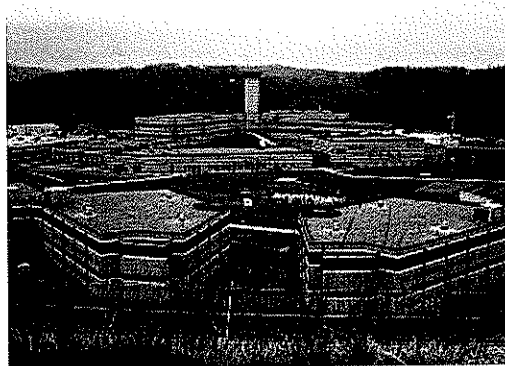
### **Pruntytown Correctional Facility**

CMA Engineering provided mechanical, electrical and plumbing design services for new 22,000sf single story minimum security dormitory housing 128 men. CMA also provided engineering services for the new 1,500sf drug abuse treatment facility.



### **Pruntytown Correctional Facility**

CMA Engineering provided mechanical, electrical and plumbing design services for new 22,000sf single story minimum security dormitory housing 128 men. CMA also provided engineering services for the new 1,500sf drug abuse treatment facility.



### **Mount Olive Correctional Facility**

CMA Engineering provided mechanical, electrical and plumbing design services for the renovation of an existing shell building into vocational shops. CMA also provided electrical design services for site lighting.

## Project Profiles

### **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.



### **WV Department of Environmental Protection**

CMA Engineering provided mechanical, electrical, plumbing and fire protection design services for new consolidated DEP office in Charleston, WV. Building is a three-story facility of approximately 180,000sf with a 650 car parking area. **This facility is registered as a**



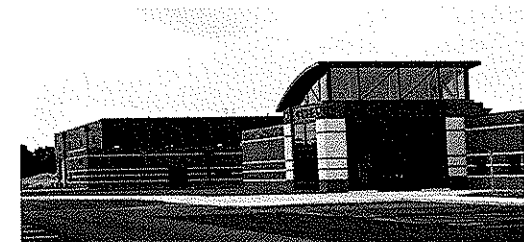
### **Mylan Pharmaceuticals**

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 500,000sf addition to the plant facility, the new parking facility and the new hangar.



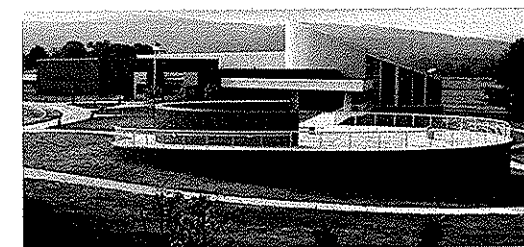
### **WVANG Eleanor Maintenance Center**

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.



### **NRAO Greenbank Observatory Visitor's Center**

CMA Engineering provided mechanical, electrical, plumbing, fire protection and communication systems design for new visitor's science center.



## References

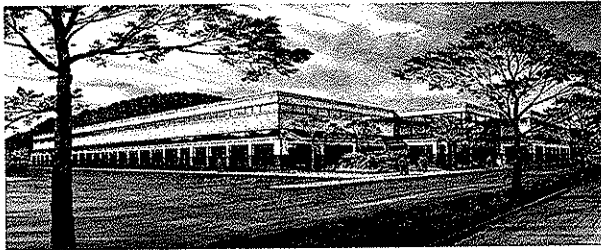
### Mechanical/Electrical/Plumbing



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



West Virginia University  
P.O. Box 0677  
Morgantown, WV 25605  
Contact: Mr. Russ Sharp  
(304) 293-2101



WV Dept. of Environmental Protection  
601 57th Street  
Charleston, WV 25304  
Contact: Mr. B. F. (Cap) Smith  
(304) 926-0480



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



Concord University  
P.O. Box 1000  
Athens, WV 24712  
Contact: Mr. Larry Lilly  
(304) 348-3115



STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

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

**PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:**

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

**ANTITRUST:**

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

**LICENSING:**

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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

Vendor's Name: CMA EngineeringAuthorized Signature: Daniel L. ElmanDate: 8/18/2009