

Expression of Interest

**Professional Design Services for
Clarksburg and Weston
Armed Forces Reserve Centers
Interior Renovations**

Solicitation #DEFK14024

May 8, 2014

05/07/14 12:07:02PM
West Virginia Purchasing Division



West Virginia Purchasing Division, West Virginia
Division of Engineering and Facilities, and
West Virginia Army National Guard



engineering | architecture | geospatial

GRW | 200 Sixth Avenue | St. Albans, WV 25177 | 304-727-5501

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: GRW, Inc

Authorized Signature: [Signature] Date: 5/8/2014

State of West Virginia

County of Kanawha, to-wit:

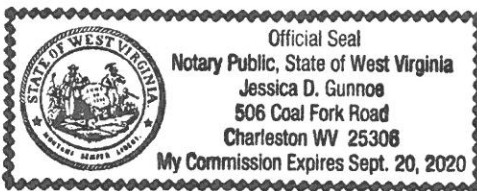
Taken, subscribed, and sworn to before me this 8th day of May, 2014.

My Commission expires September 20, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]

Purchasing Affidavit (Revised 07/01/2012)



CERTIFICATION AND SIGNATURE PAGE

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

GRW, Inc.

(Company)

(Authorized Signature)

Joseph E. Bird, Vice President

(Representative Name, Title)

304-727-5501, 304-727-5580

(Phone Number)

(Fax Number)

5/8/2014

(Date)



engineering | architecture | geospatial

200 Sixth Avenue / St. Albans, WV 25177 / 304.727.5501

May 8, 2014

Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, West Virginia 25305-0130

RE: Clarksburg and Weston Armed Forces Reserve Centers Interior Renovations

Dear Selection Committee:

GRW appreciates the opportunity to submit our Letter of Interest for the interior renovations project for the Clarksburg and Weston Armed Forces Reserve Centers. As we outline our capabilities, expertise and approach for helping you meet your project goals, we demonstrate the following key elements:

- Knowledge and experience with the design of military facilities
- Qualified staff with expertise, local knowledge and capacity
- Commitment to meet your goals

Experience that meets your needs. GRW is a full-service A/E design consulting firm that has been working with clients like the West Virginia Army National Guard on similar projects throughout the region and locations nationwide for nearly 50 years. A portion of our relevant experience includes:

- Ohio ARNG Joint Armed Forces Readiness Center
- Indiana ARNG Readiness Center
- WV ARNG Camp Dawson Live Fire Exercise Shoot House
- WV ARNG Readiness Center Commissioning Projects
- Warriors in Transition Headquarters Building
- WV ANG 103th Airlift Wing Building 107 Renovation
- WV ANG 130th Airlift Wing Security Forces Squadron Facility Renovation
- WV ANG 130th Airlift Wing Squadron Operations
- WV ANG 130th Airlift Wing Campus Site Design

Our team offers expertise and local talent. GRW's design experts understand the unique challenges presented in a military environment and we will offer innovative solutions based upon our technological know-how and past experiences.

West Virginia Department of Administration
May 8, 2014
Page Two

Our familiarity with West Virginia state agencies is demonstrated by the completion of such projects as the renovation of the historic State Road Commission Building in Charleston for the West Virginia Department of Transportation, the renovation of the historic Patteson Building in Mt. Hope for the Coal Heritage Trail Authority, and many renovation projects for the West Virginia Division of Natural Resources. We recently completed the renovation of a building in Pt. Pleasant which will house the Mason County Sheriff's Office and incorporates secure door hardware, monitoring systems, and bullet-resistant construction.

Furthermore, our team's local knowledge and capacity has been strengthened by GRW's recent acquisition of Chapman Technical Group, a 36-person West Virginia-based firm. Our combined resources now provide you access to more than 250 professionals, including a building design studio of 12 architectural professionals and more than 40 electrical, mechanical, structural and civil/site engineers and landscape architects. The majority of the work for the Clarksburg and Weston facilities will be performed by our St. Albans design team.


We are committed to your success. Taking care to meet your goals for your budget and schedule is a priority, as it is on every GRW project. From our extensive federal, state and local government experience, we know how to "design to cost" by matching the design to the funds available for the project, thus eliminating the need for redesigns and rebids to bring the cost within budget. We use a variety of cost estimating methods, in addition to maintaining a current database of bid tabulations for similar projects, and we keep track of materials and labor cost trends.

The ultimate measure of success is how well the completed projects meet your needs and aspirations. To this end, our project team is committed to establishing an inclusive, methodical and logical approach to the design process. We believe the GRW team is ideally suited to work with you to produce functional, modern and aesthetically-pleasing facilities that can be easily maintained for many years.

Thank you for your consideration and for the opportunity to work with the West Virginia Army National Guard. We look forward to the next step in your selection process where we can present our project further discuss your project.

Sincerely,

GRW



Joseph E. Bird, ASLA
Vice President

Expression of Interest

Professional Design Services for WV ARNG Clarksburg/Weston Armed Forces Reserve Center Interior Renovations

Solicitation No.: DEFK14024



West Virginia Purchasing Division, West Virginia
Division of Engineering and Facilities, and
West Virginia Army National Guard

Table of Contents

Section 1.0	Introduction to the GRW Team
Section 2.0	Experience with Similar Projects
Section 3.0	Project Team and Resumes
Section 4.0	Project Budget and Schedule Control
Section 5.0	Approach

1.0 Introduction to GRW Team

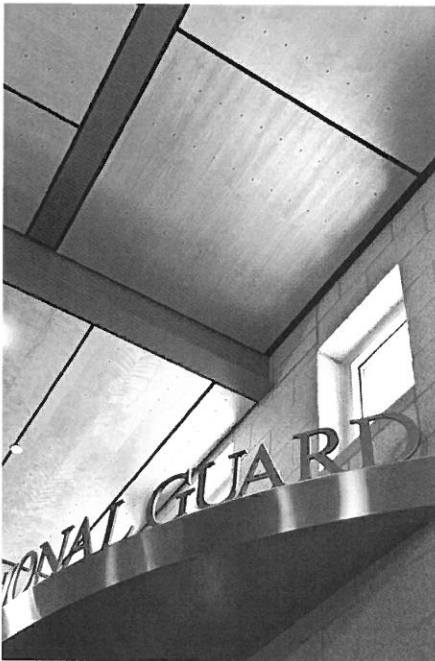


Founded nearly 50 years ago, GRW is a full-service architectural, engineering, and geospatial firm with a staff of more than 220 professionals. Our corporate culture is one of close collaboration among our multidisciplinary project teams, combined with strong management leadership. Technical excellence and personal service are guiding principles at GRW, resulting in repeat clients providing 90 percent of GRW's current workload.

GRW Professional Services

- Architecture
- Mechanical Engineering
- Electrical Engineering
- Structural Engineering
- Civil/Site Engineering
- Water, Wastewater and Stormwater System Engineering
- Transportation Engineering
- Master Planning
- Three Dimensional Modeling
- AutoCAD, Microstation, and BIM Deliverables
- Sustainable Design
- Anti-Terrorist Force Protection and Physical Security
- Construction Administration and Resident Project Representation (Inspection)
- Operations and Management Support
- Cost Estimating
- Alternative Project Delivery Methods (Design/Build, CM)
- Aerial Mapping and Surveying
- Geographic Information Services

Building Design Studio



GRW offers a full-service building design studio, with 12 architectural professionals supported by an in-house team of more than 40 electrical, mechanical, structural and civil/site engineers and technicians. Our experienced, customer-focused team delivers award-winning, highly functional projects, including facility renovations, expansions, and new construction for federal, local and state governments, as well as commercial markets.



Building Design and Construction's Giants 300 report ranks GRW among the nation's top firms in design and construction.

2.0 Experience with Similar Projects

West Virginia ANG 130th Airlift Wing Building 107 Renovation Charleston, West Virginia

This project includes two separately funded (MILCON/SRM) sub-projects. These two companion projects are designed to repurpose an existing unoccupied hangar into administrative and storage spaces for the Aeromedical Evacuation Squadron (AES).

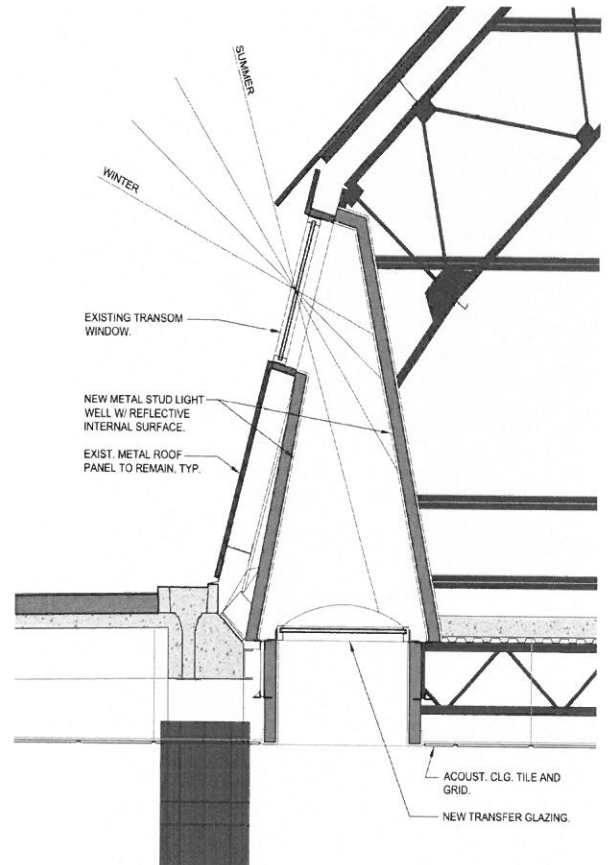


The following is a summary of the scope of the project.

- Upgrade mechanical and electrical systems to meet current building codes and standards
- Replace inadequate restrooms and locker rooms
- Replace fire alarm and fire protection systems
- Harden the front façade, replace windows, and eliminate on-street parking to achieve ATRP compliance
- Construct new interior spaces and repurpose existing shop areas to create necessary office, training, and support spaces.

The completed building will include the following programmed spaces:

- Command and administration
- Medical equipment maintenance
- Crew training and support
- Mobile storage and staging
- Conference rooms, classrooms, and break rooms
- Restrooms and locker rooms
- HVAC, electrical, and communications support



Client Contact: Lt. Col. John W. Dulin, Base Civil Engineer, West Virginia Air National Guard, 130th Airlift Wing, 1679 Coonskin Drive, Charleston, WV 25311-5010; (304) 341-6270; john.dulin@ang.af.mil

Indiana ARNG Readiness Center Lawrence, Indiana



GRW provided design services for a new 109,555 SF two-story Army National Guard (ARNG) Readiness Center located on a site that was formerly part of Fort Benjamin Harrison.

This Readiness Center includes the following functional spaces and features:

- **Private offices and administrative common spaces**
- **Medical section room**
- **Physical fitness area**
- **Locker rooms**
- Classrooms and library
- Gymnasium-type multipurpose assembly hall with fully functional kitchen
- Heated and unheated storage areas
- Building operating spaces and support spaces
- Communications room
- Energy management and control system, intrusion detection system, mass notification system
- Emergency power generator
- Site anti-terrorism / force protection measures, security lighting, utilities and landscaping
- Stormwater bio-retention pond



Client Contact: Major Chris Purtell, Contracting Officer, Indiana Army National Guard, 2002 South Holt Road, Indianapolis, IN 46241-4839; (317) 247-3514; chris.purtell@us.army.mil

West Virginia ARNG Camp Dawson Live Fire Exercise Shoot House Kingwood, West Virginia

GRW provided full architecture and engineering services for the design and construction of a \$2 million Live Fire Exercise Shoot House (LFSH) complex. This project was completed as a combination design-build and design-bid-build program. Primary facilities include a LFSH (1,600 SF), an Operations/Storage facility (1,163 SF), an After Action Review (AAR) facility (1,362 SF) and an Ammunition Breakdown facility (593 SF), totaling approximately 4,720 SF.

W912QR-13-R-0013

The West Virginia ARNG acquired property, a former industrial complex adjacent to Camp Dawson, which included several vacant buildings. The project's first phase involved an on-site Project Planning Document Charrette (PPDC) which enabled the GRW design team to collect information about the vacant buildings and site, interview user groups, develop conceptual floor and site plans, and validate the project DD 1391.

Following the PPDC, GRW developed a conceptual design package for the re-purposing of an abandoned metal warehouse into the 1,600 SF LFSH. This package included drawings and specifications that formed the basis of a design-build RFP. Final design and construction of the LFSH unit was completed by the selected vendor, under the supervision of GRW and the WV ARNG.

After completion of the LFSH, GRW prepared the design package for the remaining support facilities, which included the Operations/Storage, AAR and Ammo Breakdown facilities; renovation of an existing restroom in the warehouse; and access road, parking area and site utilities. GRW also provided construction administration services for this part of the project which utilized the traditional design-bid-build project approach.

Client Contact: Col. William Suver, Base Operations Manager, West Virginia Army National Guard, 1703 Coonskin Drive, Charleston, WV 25311; (304) 791-4457; bill.suver@us.army.mil

TO BE COMPLETED BY CLIENT

PLEASE CIRCLE THE ADJECTIVE RATING WHICH BEST REFLECTS YOUR EVALUATION OF THE CONTRACTOR'S PERFORMANCE.

	E	VG	S	M	U	N
1. QUALITY:						
a) Quality of technical data/report preparation efforts	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Ability to meet quality standards specified for technical performance	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Timeliness/effectiveness of contract problem resolution without extensive customer guidance	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Adequacy/effectiveness of quality control program and adherence to contract quality assurance requirements (without adverse effect on performance)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. SCHEDULE/TIMELINESS OF PERFORMANCE:						
a) Compliance with contract delivery/completion schedules including any significant intermediate milestones. (If liquidated damages were assessed or the schedule was not met, please address below)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Rate the contractor's use of available resources to accomplish tasks identified in the contract	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. CUSTOMER SATISFACTION:						
a) To what extent were the end users satisfied with the project?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Contractor was reasonable and cooperative in dealing with your staff (including the ability to successfully resolve disagreements/disputes; responsiveness to administrative reports, businesslike and communication)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) To what extent was the contractor cooperative, businesslike, and concerned with the interests of the customer?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Overall customer satisfaction	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. MANAGEMENT/ PERSONNEL/LABOR						
a) Effectiveness of on-site management, including management of subcontractors, suppliers, materials, and/or labor force?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Ability to hire, apply, and retain a qualified workforce to this effort	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Government Property Control	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Knowledge/expertise demonstrated by contractor personnel	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Utilization of Small Business concerns	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Ability to simultaneously manage multiple projects with multiple disciplines	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Ability to assimilate and incorporate changes in requirements and/or priority, including planning, execution and response to Government changes	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) Effectiveness of overall management (including ability to effectively lead, manage and control the program)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. COST/FINANCIAL MANAGEMENT						
a) Ability to meet the terms and conditions within the contractually agreed	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Past Performance Questionnaire from Col. William Suver, WV ARNG

E=Exceptional; VG=Very Good; S=Satisfactory;
 M=Marginal; U=Unsatisfactory; N=Not Applicable





Warriors in Transition Headquarters Building Fort Knox, Kentucky

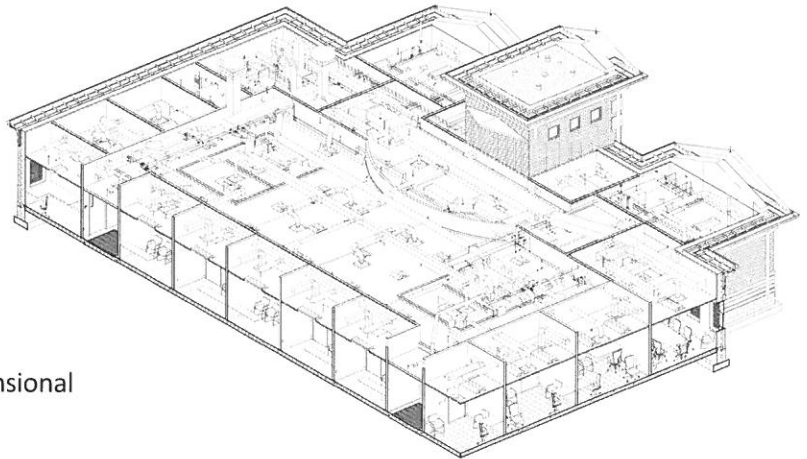
GRW is providing architectural design, and site/civil, mechanical, electrical and structural engineering services (including BIM model) for design-build of new Warriors in Transition Headquarters Building.

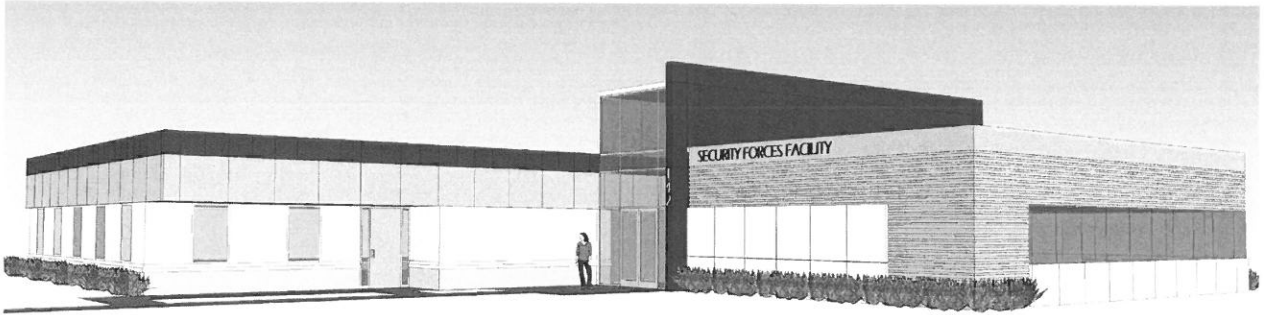
The building is being designed to meet LEED Silver design criteria. Construction is single-story load bearing masonry with truss roof framing and dimensional shingle roofing.

The approximately 7,000 SF building provides:

- Reception area
- Shared work station space
- Conference room
- Private offices (including nurses stations and offices for social workers/case management)
- Restrooms/showers
- Kitchenette

Client Contact: Jeff Dowell, Project Manager, Intersteel, Inc., Louisville, KY (502) 778-9800, ext. 110; jeff.dowell@intersteelinc.net





West Virginia ANG 130th Airlift Wing Security Forces Squadron Facility Renovation and Expansion Charleston, West Virginia

GRW was retained to provide complete architectural and engineering Type A, B and C services for renovating the existing 5,395 SF Security Forces Squadron facility and adding 2,500 SF of administrative and training space to the facility. This project uses MILCON/SRM split funding to deliver a renovated and expanded SFS facility, which provides increased space for command and administrative functions.

Key program elements include:

- Expanded command/administrative space
- Arms vault
- Training rooms
- SIPRNet
- ATFP building/site security
- ADA compliance
- Geothermal
- Split MILCON/SRM funding
- Extensive communications infrastructure

This project will meet LEED Silver measures for sustainable design.

Client Contact: Lt. Col. John W. Dulin,
Base Civil Engineer, West Virginia Air
National Guard, 130th Airlift Wing,
1679 Coonskin Drive, Charleston, WV
25311-5010; (304) 341-6270;
john.dulin@ang.af.mil



FLOOR PLAN



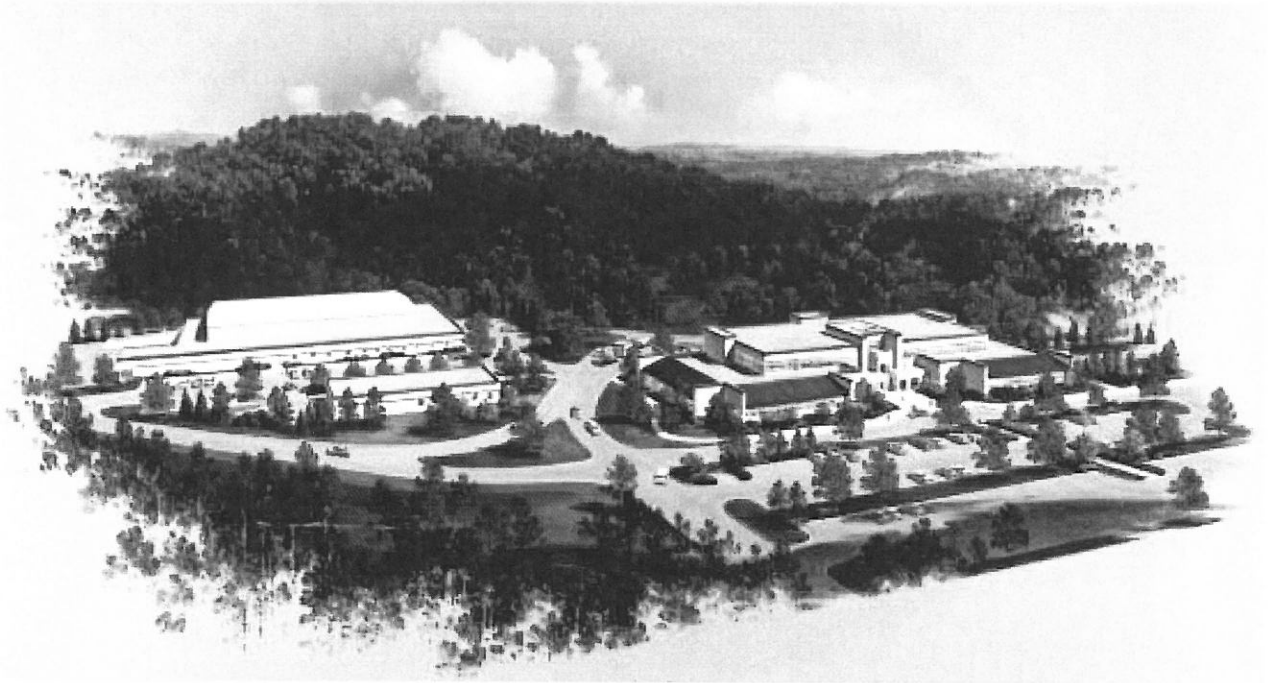
Ohio ARNG Joint Armed Forces Readiness Center Springfield, Ohio

GRW provided full-discipline A/E services for planning, design and construction of a new **LEED Silver Certified** 85,865 SF Joint Armed Forces Readiness Center (AFRC) and Field Maintenance Shop (FMS) for the OH Army National Guard (ARNG) and the US Army Reserves in Springfield, Ohio. These facilities are designed to match the architecture of the facilities on an adjacent site occupied by the Ohio ANG. The administrative/training complex includes the following functional spaces and features:

- Private offices and administrative common spaces
- Classrooms and library
- Gymnasium-type multipurpose assembly hall with fully functional kitchen
- Physical fitness area
- Heated and unheated storage areas
- Full cutoff luminaires for site lighting to eliminate light trespass
- Occupancy sensor controlled interior lights throughout
- T5 low mercury, high-efficiency fluorescent lamps and electronic ballasts
- Energy submetering connected to building management sy
- Site anti-terrorism/force protection measures, security lighting, utilities and landscaping



Client Contact: George McCann, Project Manager, CFMO, Ohio Army National Guard, 2825 W. Dublin-Granville Road, IMR-DP, Columbus, OH 43235-2788; (614) 336-7413; george.c.mccann@us.army.mil



West Virginia Air National Guard Support Complex Charleston, West Virginia

This project involved design and construction inspection services for a new complex of buildings for the West Virginia Air National Guard 130th Airlift Group to include a new Headquarters Building, Consolidated Base Supply, and Security Police Headquarters. Chapman Technical Group's responsibility encompassed all site, civil engineering and landscape architectural design including site grading and drainage, storm sewers, sanitary sewers, underground electric, base-wide underground communications system, natural gas supply, potable and fire water supplies, roads and parking facilities, and pedestrian circulation.



Crane Naval Support Activity, Crane, IN

GRW is providing design services as the contractor's lead consultant on these design-build projects:

Depot Operations Field Office (Building 3304): GRW is providing full A/E design and construction administration services for the design-build of a new Depot Operations Field Office at Crane Naval Support Activity. The pre-engineered metal building will be approximately 2,700 SF and serve a maximum of 40 people. Functional areas of the field office include two private offices, common office area, break room, computer kiosk bank of seven computers with field scanner docking stations, storage and equipment room, restroom/locker rooms, and mechanical space. Adequate existing parking exists, but ADA parking and sidewalks will be added. ATRP standoffs from the new building to the new ADA spaces and any existing or modified parking spaces and roadways will be maintained. Necessary utilities will be extended and reconnected.

Crane NSA Building 174 Boiler Renovations: GRW is providing mechanical and electrical design, and construction administration services for the design/build replacement of heating systems at Building 174 and two other buildings. Scope includes:

- Demolition of the existing 20-year old steam heating system in two buildings (174 and 3299) and replacement with new hot water heating system. Mechanical and electrical equipment installed as part of the design is rated explosion proof.
- Removal of the electric heat and the installation of two new hot water boilers in building 3397.
- Connection of all three buildings (174, 3299 and 3397) with above-ground hot water pipe.

Client Contact: James Duzan, Project Manager, NAVFAC Midwest PWD Crane, (812) 854-3398

Wright Patterson Air Force Base, Ohio

As part of a Louisville District USACE Design-Build MATOC, GRW is providing services for the following design-build projects at the Wright Patterson Air Force Base in Ohio.

Building 655 Renovation: GRW is providing architectural, and mechanical, electrical, and fire protection design services for the interior renovation of the first floor lab area in building 655 at the Wright Patterson Air Force Base in Ohio. The approximately 4,320 SF project will to accommodate the NDE Laboratory, open office and computer storage complete with associated utilities.

Consolidate / Renovate Building 614: GRW is providing A/E design services for demolition of Building 745 CE Grounds Maintenance, and the consolidation and renovation of existing Building 614 CE Grounds Maintenance Shop; and addition to Building 614 in Area B.

Steam Line Replacement: GRW is the lead designer for steam line replacement projects at four Wright-Patterson Air Force Base buildings. GRW is providing plans and specifications to reconfigure the steam distribution system serving buildings 612, 614, 615, and 622. The scope of work includes performing load calculations on existing buildings, demolition and repurposing of portions of the above-ground and below-grade site steam distribution systems, installation of new boiler systems within two of the buildings, replacement of gas service to these buildings, and replacement of steam and hydronic distribution systems.

Client Contact: Dean Vinson, Design Manager, Wright-Patterson Air Force Base, (937) 656-3421



West Virginia ARNG Readiness Center Commissioning Projects

GRW has been contracted by the West Virginia Army National Guard to provide LEED Fundamental Commissioning for three building construction projects: the Buckhannon, WV AFRC - Phase I, 38,000 SF and \$13,150,000 construction cost, the Morgantown, WV Readiness Center, 58,520 SF and \$20,500,888 construction cost and the Moorefield, WV Readiness Center, 57,256 SF and \$17,725,351 construction cost.

The Morgantown and Moorefield projects are nearing completion, and the Buckhannon project is in mid-construction. An additional work order for the Logan, WV Readiness Center, 58,520 SF and \$14,296,326 estimated construction cost is pending.

The scope of services includes all commissioning required for LEED certification on the HVAC systems and networked controls, the lighting control systems and the domestic hot water distribution systems, including coordination with providing contractors, documentation of all installations and testing, coordination of owner training and assistance with LEED submittals. GRW will provide additional architectural and engineering construction oversight services on an as-needed basis.

Client Contact: Major John Knabenshue, Supervisory Contract Specialist, U.S. Property & Fiscal Office for West Virginia, 50 Armory Road, Buckhannon, WV 26201-8818; (304) 473-5253; john.knabenshue@us.army.mil



West Virginia ANG 130th Airlift Wing Squadron Operations Facility Repair Charleston, West Virginia

GRW provided multi-discipline design services for renovations and energy-efficient improvements to the 25,765 SF Squadron Operations Facility at the WV Air National Guard Base at Yeager Field, Charleston, WV.

This facility was built in 1977 as a three-story, 18,265 SF building, and housed the Base Operations and Dining Area. In 1990, a two-story addition of 7,500 SF was constructed on the east end of the facility to increase space needed for airfield operations. The Dining Area was later relocated to another facility and its space was renovated for a Fitness Center and an Intelligence/Tactics unit. Other renovations and relocations made within the facility over the years have resulted in a building that now inadequately serves its current users, which include Administration and Operations, Base Operations, Command Post, and Life Support and Fitness Center.

The facility size meets the current ANG facility space requirements, but the user spaces are not efficiently arranged; the HVAC and electrical systems are inadequate; roofs are in need of repair; and the fire protection system does not comply with current codes. All of these factors contribute to a degradation of mission completion.

GRW began the project with a charrette to review the facility requirements with a Design Working Group, consisting of user groups and other key stakeholders, to confirm the authorized functional space requirements of each activity in the facility, develop alternative floor plans that overcome the current deficiencies, and validate the Government's construction cost estimate. A Concept Proposal Report and a Concept Development Report were prepared following the Charrette.

After considering the alternative floor plans, a plan was selected that met the goals of the project while also achieving a more energy-efficient, sustainable facility. The final design will allow for the efficient use of space for squadron personnel to perform their operations, maintenance and training activities in a modern, comfortable environment that is conducive to effective mission execution.

Designed to achieve a USGBC **LEED Certified** rating and to meet other ANG Sustainable Design Policy, the renovated facility will include new, efficient HVAC, lighting and other support systems. This facility will also meet the AT/FP requirements of UFC 4-010-01, and other applicable current ANG requirements and building codes including ADA accessibility guidelines.

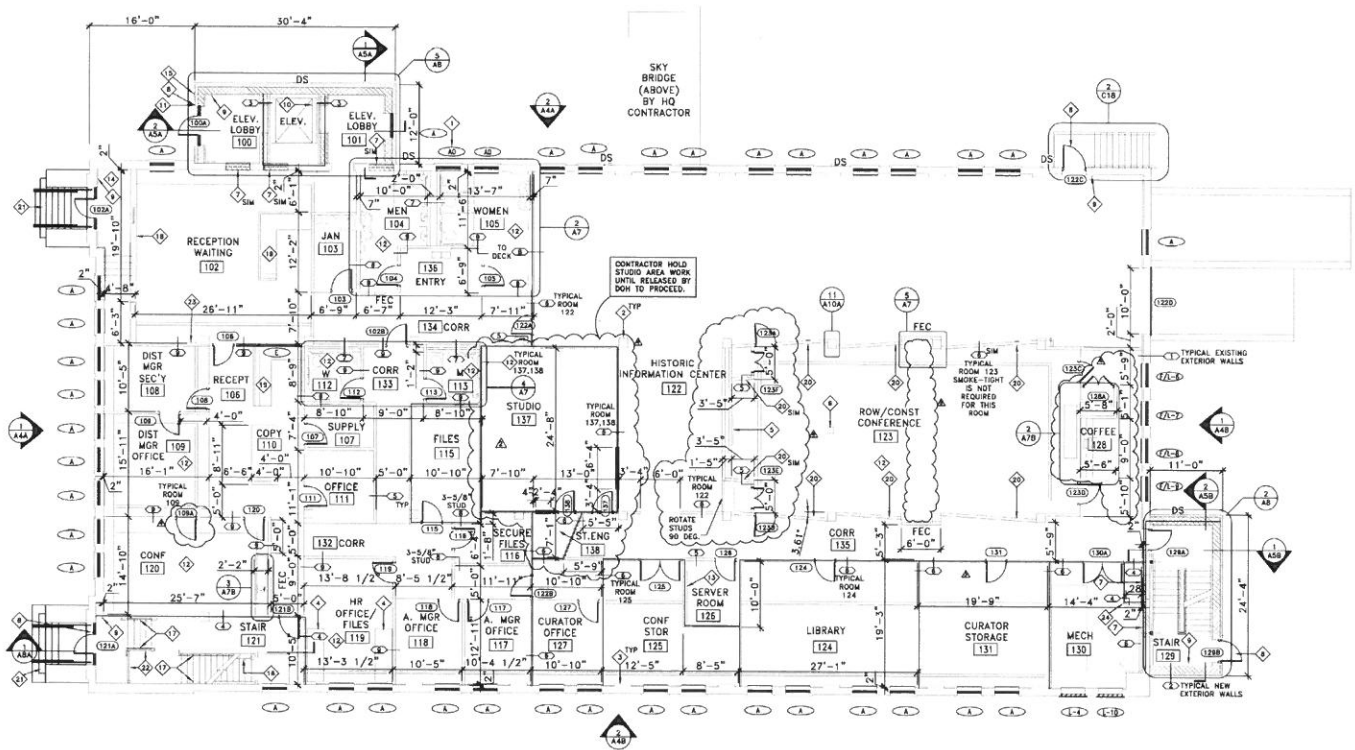
The design was stopped at 65% complete at the convenience of the government and to finalize funding which will be split between MILCON/SRM sources.

Client Contact: Lt. Col. John W. Dulin, Base Civil Engineer, West Virginia Air National Guard, 130th Airlift Wing, 1679 Coonskin Drive, Charleston, WV 25311-5010; (304) 341-6270; john.dulin@ang.af.mil



State Road Commission Building West Virginia Division of Highways Charleston, West Virginia

As part of the West Virginia Division of Highways District One Campus Renovation, the former State Road Commission Building will be renovated to serve as an office building for various DOH personnel. The 40,000 square-foot facility will retain as many historical features as possible while providing energy-efficient and cost-effective systems throughout. In addition to a complete interior makeover, the building will also include new doors, windows, roofing and a new elevator. A skywalk will connect the building to a new Headquarters Building being constructed beside the SRC Building, and a courtyard between the two will be provided for employee use.

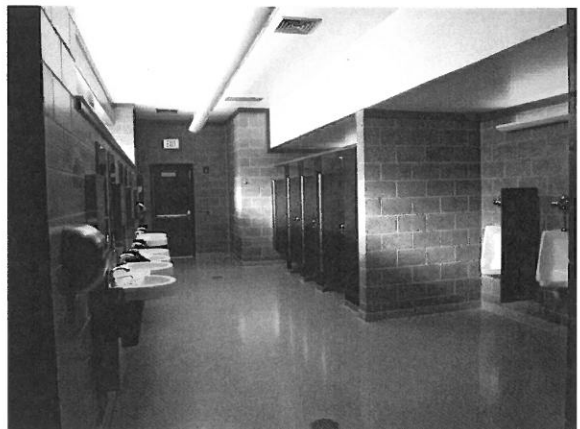


FIRST/GROUND FLOOR PLAN
SCALE: 1/8"=1'-0"



Burnsville Rest Areas West Virginia Division of Highways Burnsville, West Virginia

The Burnsville Rest Areas are the first of the new standard rest areas to be built around the state for the West Virginia Department of Transportation. A dual-facility layout ensures that demand will be met for many years. Native materials, including smooth cut and rough stone, were used inside and out. Low maintenance but highly durable materials including the tern-coated stainless steel roof, glass, aluminum, wood, polished ground-faced CMU, and epoxy terrazzo were used throughout. The design plays off of West Virginia imagery and creates safe, warm, and welcoming spaces. Separate maintenance and vending buildings complement the main structures.





AIA Honor Award

Upshur County Courthouse Buckhannon, West Virginia

Since the design and construction of the courthouse annex in 1995, we have been involved in several improvement and restoration projects at the Courthouse in Buckhannon. In 2005, a lift was installed and the plaza renovated to make the original courthouse accessible. In 2006, the Courthouse dome and clock tower were completely restored. In 2007, the Courthouse portico stonework was restored, and in 2008 the work was honored by the AIA/WV for Excellence in Architecture.



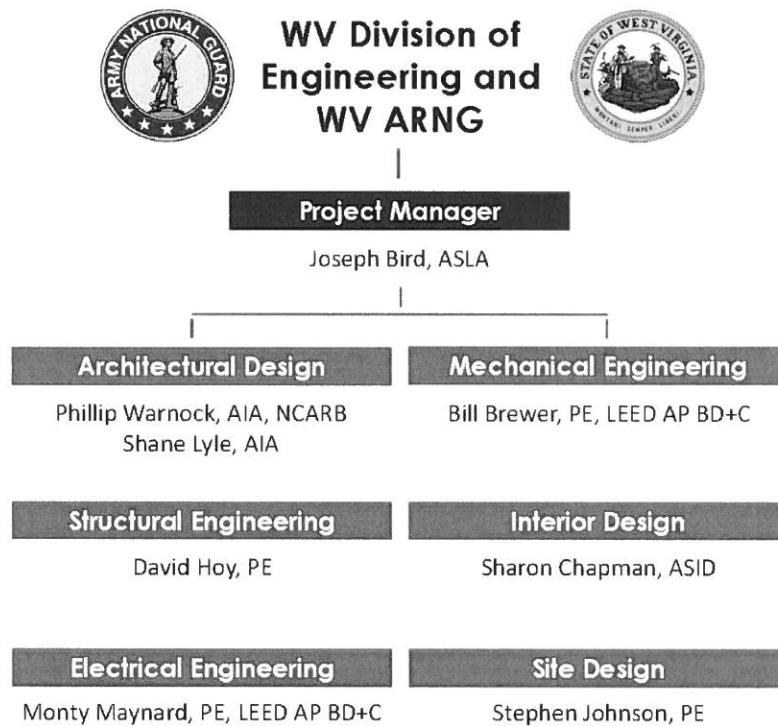
(Dome Restoration Detail)

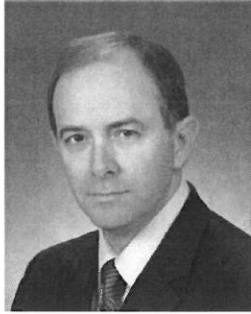


3.0 Project Team and Resumes

For the WV ARNG Reserve Centers project, GRW has assembled a team of **professionals that specialize in the renovation of similar facilities for our military**. As the lead design firm, **GRW** will provide project management, and architectural, mechanical, electrical, communications, structural and force protection design services. The organizational chart below lists our proposed project team members and indicates each person’s anticipated role. Our team will work closely with you to ensure your renovated facility reflects your vision as a space that indicates the mission of the West Virginia Army National Guard.

Organizational Chart





Joseph E. Bird, ASLA
Project Manager

EXPERIENCE | 35 Years

EDUCATION | West Virginia University, BSLA, 1978

REGISTRATION

Registered Landscape Architect: WV

**QUALIFICATIONS
AND SIMILAR
PROJECT
EXPERIENCE**

Mr. Bird is a project manager and registered landscape architect. His experience ranges from large site development projects to the management of multi-discipline and architectural projects.

State Road Commission: Historic Building Renovations (40,000 SF) Charleston, WV – Project Manager.

Mason County Sheriff's Office: Renovation of Old Hardware Building – Project Manager.

Coal Heritage Trail Authority: Historic Building Restoration/Renovation, Mt. Hope, WV – Project Manager.

Roark Sullivan Lifeway Center: New Construction/Veterans' Transitional Living Center, Charleston, WV – Project Manager.

Canaan Valley State Park: Ski Area Improvements, Canaan Valley, WV – Project Manager.

Blackwater Falls State Park: New Construction/Cabins, Davis, WV – Project Manager.

Beech Fork State Park: Swimming Pool and Bathhouse Improvements, Barboursville, WV – Project Manager.

Beech Fork State Park: New Construction/Cabins, Barboursville, WV – Project Manager.

Belington Multi-Tenant Building: New Construction (25,100 SF), Belington, WV – Project Manager.

Buckhannon City Hall: Addition/Renovations, Buckhannon, WV – Project Manager.



Phillip A. Warnock, AIA, NCARB
Project Architect

EXPERIENCE | 22 Years

EDUCATION | The University of Tennessee, BArch, 1995

REGISTRATION | Registered Architect: WV, TN, KY

**QUALIFICATIONS
AND SIMILAR
PROJECT
EXPERIENCE**

Mr. Warnock's experience ranges from design, detailing and drafting through project management and construction administration of building projects in various states, including West Virginia, Tennessee, Kentucky and South Carolina. His vast project experience ranges from public safety buildings to public schools to health care facilities. He has received two AIA West Virginia awards: an Honor Award for Excellence in Architecture for the historic preservation of the Upshur County Courthouse and a Merit Award for Achievement in Architecture for the I-79 Rest Areas in Burnsville.

**Upshur County Courthouse:
Dome Renovations, Column
Replacements, Buckhannon, WV
– Project Architect**

**Mercer County Airport: Terminal
Building Renovations, Bluefield,
WV – Project Architect**

**State Road Commission: Historic
Building Renovations (40,000
SF), Charleston, WV – Project
Architect**

**Coal Heritage Trail Authority:
Historic Building Restoration/
Renovation, Mt. Hope, WV –
Project Architect**

**Roark Sullivan Lifeway Center:
New Construction/Veterans'
Transitional Living Center,
Charleston, WV – Project
Architect**

**WV DOH Rest Areas and
Welcome Centers: New
Construction, Various locations
throughout WV – Project
Architect**

**Vienna Senior Center: Building
Renovations (4,000 SF), Vienna,
WV – Project Architect**

**Lewis County Courthouse: Roof
Area Restoration, Weston, WV –
Project Architect**

**Pocahontas County Wellness
Center: New Construction/
Multi-Purpose Gymnasium
(13,000 SF), Marlinton, WV –
Project Architect**

**Marlinton Train Depot: Historic
Building Reconstruction,
Marlinton, WV – Project
Architect**



Shane Lyle, AIA
Lead Project Architect

EXPERIENCE | 30 Years

EDUCATION | Bachelor of Architecture (with honors), 1983,
University of Kentucky

REGISTRATION

Registered Architect: GA, KY, WV, TN, AL, IN, TX, MS, SC, FL, MO
National Council of Architectural Registration Boards (NCARB) Certification

**QUALIFICATIONS
AND SIMILAR
PROJECT
EXPERIENCE**

Mr. Lyle is in charge of GRW's architectural practice, and has had primary responsibility for a wide range of federal, state and local government projects. He has successfully led correctional projects ranging from the renovation of county jails to the design of the Federal Bureau of Prison's first LEED Silver Federal Correctional Institution located in Aliceville, AL.

Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL – Project Manager. Design-build delivery of LEED Silver \$196 M medium-security main complex with three 4-story housing units, and minimum-security prison camp.

Yazoo City U.S. Penitentiary and Satellite Camp, Yazoo City, MS – Principal-in-charge. Design-build delivery of \$175 M medium-security main complex with six 2-story housing units, and minimum-security prison camp.

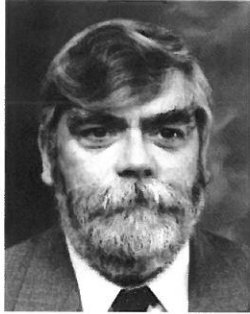
Harlan County Detention Center Needs Assessment/ Feasibility Study, Harlan, KY – Principal-in-Charge. Evaluation of existing 16,630 SF, 6-story detention facility to provide alternatives addressing ADA compliance and capacity of existing facility to house expected future population.

Harlan County Detention Center Renovation, Harlan, KY – Principal-in-Charge. Phased renovation of 6-story facility, partially occupied during construction activities.

Harlan County Justice Center, Harlan, KY – Principal-in-Charge. New 31,500 SF judicial courts facility utilizing Construction Management as project delivery method.

Cumberland County Justice Center, Burkesville, KY – Project Manager. Design of new 24,270 SF courts facility utilizing Construction Management as project delivery method.

Del Rio Police Station, Del Rio, TX – Architect of Record. New 27,000 SF city police station with detention area and 7,000 SF secured evidence space.



Bill Brewer, PE, LEED AP BD+C
Lead Mechanical Engineer

EXPERIENCE | 42 Years

EDUCATION | B.S., Mechanical Engineering, 1967, Case Western Reserve University

REGISTRATION

Professional Engineer: GA, KY, OH, NC, TN, NH, WV, IN, CA, TX, MS, VA, MI, PA, KS
NCEES Member, allows reciprocity with other states
Professional Member, Society of Fire Protection Engineers
LEED Accredited Professional, Building Design + Construction

**QUALIFICATIONS
AND SIMILAR
PROJECT
EXPERIENCE**

Mr. Brewer has more than four decades of engineering experience with building HVAC, plumbing and fire protection systems. His experience includes mechanical and/or plumbing design for more than \$700 million in federal, state and local courts and detention facilities. Since joining GRW, Mr. Brewer has had a major leadership and design role in four federal prisons.

Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL – Mechanical Engineer. Design-build delivery of LEED Silver \$196 M medium-security main complex with three 4-story housing units, and minimum-security prison camp.

McCreary U.S. Penitentiary and Satellite Camp, McCreary County, KY – Mechanical Engineer. Design-build delivery of new \$124 M prison complex.

Northpoint Training Center Replacement, Burgin, KY – Mechanical Engineer. Design and construction oversight services for fast-track project with multiple bid packages to rebuild state-owned prison facilities.

Canaan U.S. Penitentiary and Satellite Camp, Canaan, PA – Mechanical Engineer. Design-build delivery of a \$131 M maximum-security prison complex.

Gilmer Federal Correctional Institution and Satellite Camp, Glenville, WV – Mechanical Engineer. Design-build delivery of new \$106 M federal correctional complex including three 4-story dormitory buildings.

Cumberland County Justice Center, Burkesville, KY – Mechanical Engineer. Design of new 24,270 SF courts facility utilizing Construction Management as project delivery method.

Del Rio Police Station, Del Rio, TX – Mechanical Engineer. New 27,000 SF city police station with detention area and 7,000 SF secured evidence space.



David C. Hoy, PE
Lead Structural Engineer

EXPERIENCE | 6 Years

EDUCATION | West Virginia University, BSCE, 2006

REGISTRATION | Professional Engineer, WV, KY

**QUALIFICATIONS
AND SIMILAR
PROJECT
EXPERIENCE**

Mr. Hoy has completed the investigation, analysis, and design of various building structural systems, including foundation design. He also review shop drawings and performs periodic site visits.

State Road Commission: Historic Building Renovations (40,000 SF), Charleston, WV – Project Structural Engineer

Saint Albans Fire/Police Station, Saint Albans, WV - Project Structural Engineer

Mason County Sheriff's Office: Renovation of Old Hardware Building, Pt. Pleasant, WV – Project Structural Engineer

WV DOH Rest Areas and Welcome Centers: New Construction, Various locations throughout WV – Project Structural Engineer

Coal Heritage Trail Authority: Historic Building Restoration/ Renovation, Mt. Hope, WV – Project Structural Engineer

Canaan Valley State Park: Ski Area Improvements, Tube Park/ Lodge, Canaan Valley, WV – Project Structural Engineer



Sharon L. Chapman
Interior Designer

EXPERIENCE | 22 Years

EDUCATION | University of Charleston, BA, Interior Design, 1993

REGISTRATION | Allied Member, ASID

QUALIFICATIONS | Space planning, interior design, material selections and furniture layouts for new and renovation projects including a courthouse annex, city hall renovations and other public buildings, private offices, commercial facilities, recreation facilities, industrial buildings, and residential properties. Also involved in building renovation feasibility studies and use analyses, and building facade renovation projects.

AWARDS | University of Charleston, Academic Achievement Award for Art and Design
Finalist, Entrepreneur of the Year Award 1999
Finalist, Entrepreneur of the Year Award 2000
St. Albans Renaissance Group, Business Person of the Year 2002
Junior Achievement Chairman's Award, 2002-2003
St. Albans Renaissance Group, Appreciation Award 2005
George Warren Fuller Award 2005
Thomas Memorial Foundation Quiet Hero Award 2009
University of Charleston, Alumni Achievement Award 2012



Monty Maynard, PE, LEED AP BD+C
Lead Electrical Engineer

EXPERIENCE | 36 Years

EDUCATION | B.S., Electrical Engineering, 1978, University of Kentucky

REGISTRATION

Professional Engineer: GA, KY, WV, IN, TN, TX, NV, NC, MS, MI, AL, CA
NCEES Member allows reciprocity with other states
LEED Accredited Professional, Building Design + Construction

**QUALIFICATIONS
AND SIMILAR
PROJECT
EXPERIENCE**

Mr. Maynard has designed electrical systems for more than 300 projects with total construction values as high as \$190 million. His areas of technical expertise include electrical power distribution, substation design, alarm systems, communications, lighting, lightning protection, power quality, energy efficiency and code compliance. Mr. Maynard's experience includes electrical systems design for more than \$700 million in federal, state and local courts and detention facilities.

Aliceville Federal Correctional Institution and Satellite Camp, Aliceville, AL – Electrical Engineer. Design-build delivery of LEED Silver \$196 M medium-security main complex with three 4-story housing units, and minimum-security prison camp.

McCreary U.S. Penitentiary and Satellite Camp, McCreary County, KY – Principal-in-Charge. Design-build delivery of new \$124 M prison complex.

Northpoint Training Center Replacement, Burgin, KY – Electrical Engineer. Design and construction oversight services for fast-track project with multiple bid packages to rebuild state-owned prison facilities.

Yazoo City U.S. Penitentiary and Satellite Camp, Yazoo City, MS – Electrical Engineer. Design-build delivery of \$175 M medium-security main complex with six 2-story housing units, and minimum-security prison camp.

Gilmer Federal Correctional Institution and Satellite Camp, Glenville, WV – Mechanical/Electrical Engineering Manager. Design-build delivery of new \$106 M federal correctional complex including three 4-story dormitory buildings.

Canaan U.S. Penitentiary and Satellite Camp, Canaan, PA – Electrical Engineer. Design-build delivery of a \$131 M maximum-security prison complex.

Bledsoe County Correctional Complex Expansion Study, Pikeville, TN – Electrical Engineer.

Luther Lockett Correctional Complex Fire Alarm Replacement, LaGrange, KY – Principal-in-Charge.



Stephen M. Johnson, PE
Lead Civil/Site Engineer

EXPERIENCE | 9 Years

EDUCATION | West Virginia Institute of Technology, BSCE, 2004

REGISTRATION | Professional Engineer: WV, NC, VA

**QUALIFICATIONS
AND SIMILAR
PROJECT
EXPERIENCE**

Mr. Johnson's overall experience includes comprehensive infrastructure systems design, bidding, and construction administration/management for projects throughout West Virginia, Virginia, and North Carolina. Site stormwater experience includes drainage basin hydraulic analysis, stormwater collection, and detention and BMP system design.

State Road Commission: Historic Building Renovations (40,000 SF), Charleston, WV – Project Civil Engineer

Grants Market, Bluefield, WV – Project Civil Engineer

Utility Trailer Manufacturing: S24 Building, Atkins, VA – Project Civil Engineer

Fresenius Dialysis Center, Bluefield, WV – Project Civil Engineer

Scott Street Permeable Paving, Bluefield, WV – Project Civil Engineer

Canterbury Court Townhomes, Bluefield, WV – Project Civil Engineer

St. Albans Water Treatment Plant: Building Restoration, St. Albans, WV – Project Civil Engineer

Camelback Estates, Tazewell County, VA – Project Civil Engineer

Hometown Service Center, Bluefield, VA – Project Civil Engineer

Camelot Court Townhomes, Bluefield, VA – Project Civil Engineer

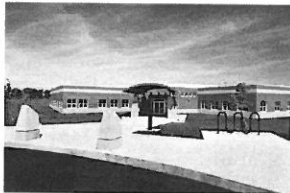
4.0 Project Budget and Schedule Control

At GRW, cost control, scheduling and value engineering are daily concerns. The impact of our decisions regarding project planning, design and construction are assessed in weekly project meetings with all A/E disciplines to guarantee that budgets and schedules are met.

Throughout your project, GRW's Project Manager will communicate individually and as a group with leaders of each design discipline. During these sessions, project status is discussed to determine that adequate resources are directed to meet the project schedule. The issues tracking list we will create is also reviewed to ensure all problems are resolved before they can affect the schedule or budget.

If contracted to provide construction administration services, GRW's schedule-control and quality control procedures continue through to the end of construction. The project team will carefully review the contractor's workmanship and materials to help ensure that the quality of installation is in accordance with accepted standards, and that the work is being provided in accordance with the contract documents. Unacceptable materials and workmanship will be rejected without delay. Substitutions during construction will not be approved without permission from the client. The contractor will be expected to provide monthly updates to the initial construction schedule. As work progresses, GRW will work with State/WVARNG to monitor compliance with the construction schedule. If the work appears to be lagging, the Contractor will be expected to submit a remedial plan for corrective action.

Examples of our ability to successfully manage budgets and schedules are noted below.



Ohio Army National Guard Reserve Center, Springfield, OH

- Innovative design methods and alternative construction materials allowed Project Manager Jimmy Piper to optimize this project so that it was bid at \$13,938,000 - approximately \$9 million under the client's Maximum Construction Cost of \$23 million.
- Bid documents included 12 bid options
- Final construction cost \$14,521,060 with a change order ratio of 4%.



Corbin Utilities Office and Warehouse Buildings, Corbin, KY

- Final construction cost \$2,539,124 approximately 0.5% over low bid
- Major building renovation and reuse of 30,500 SF office building



Project Budget and Schedule Control continued

Examples of our ability to successfully manage budgets and schedules are noted below.



Northpoint Training Center, Danville, KY

- Using six bid packages, met the \$16.5M construction budget
- Bids packaged to ensure a completed functioning project
- Change orders were 5.9% of the final construction cost, of which 1.9% was due to design



Indiana Army National Guard Reserve Center, Lawrence, IN

- 109,555 SF two-story facility
- Bid at \$14,146,000; the change order costs were approximately 3.5% of the final construction cost (\$14,648,270)
- Bid documents included eight bid options



Texas Air National Guard Wing Security Forces Squadron Facility, Fort Worth, TX

- National Guard Required Schedule met
- Percent final cost to award: 5.7%
- Percent estimate to award: -5.1%

"It is with great pleasure that I recommend GRW. Their technical experience and professionalism have provided superior design documents, exceeding my expectations. The Design/Build Bridging Documents that GRW developed for the construction of a LEED Certified Silver Air Force Security Forces Training Facility is one of the best that I have ever seen. The level of detail and thoroughness of the documents allowed me to successfully award within the program budget and schedule." -- Major Kevin A. McKinney, Base Civil Engineer, 136th AW



Cumberland Valley Technical College Renovation, Harlan, KY

- Completed one month ahead of schedule
- Low bid was 3% below the Architect's estimate
- Project used as example by owner to train staff on how to attain a quality project while meeting normal per unit budget amounts



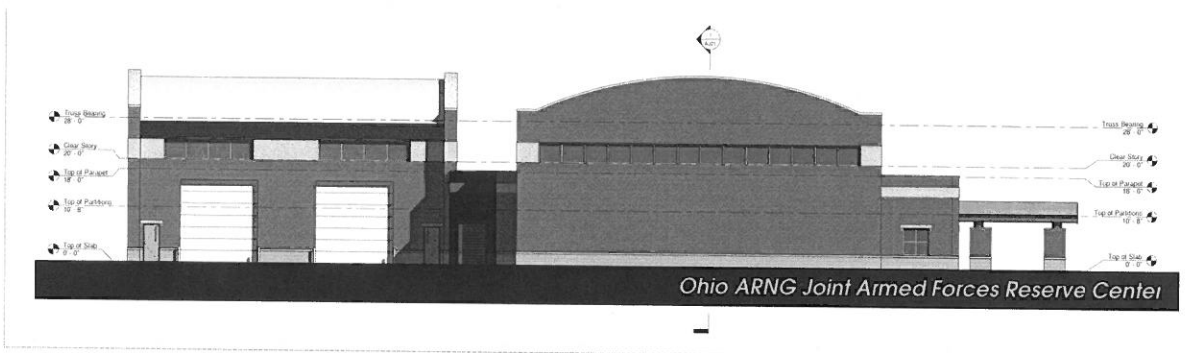
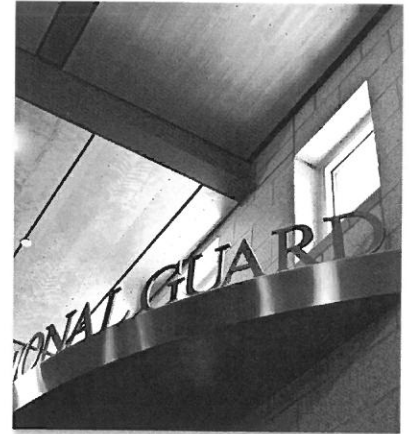
5.0 Approach

We recognize that each project has its own unique aspects and requirements, and we will adapt our approach to fit your requirements, schedule and needs. Ultimately, the design for the Clarksburg and Weston Reserve Centers will satisfy your programmatic, budget, and operational requirements, and will be both functional and aesthetically pleasing.

After we are selected for this assignment and before we submit our fee proposal for the required services, GRW will request a **Criteria Review Conference** to clarify key technical, deliverable and scheduling issues. The CRC will be held in Charleston with Facility Engineering, Users and other key stakeholders to ensure that the scope of work and project schedule are well understood, and to ensure that our fee proposal is based on the requirements and expectations of the WV ARNG.

Following the successful negotiation of our contract for the required services, GRW will provide architectural and engineering services in accordance with standard WVARNG and State of West Virginia protocols.

At the onset of design services, GRW will move forward with scheduling and conducting a **Program Planning Conference** with your PM and the facility users. This Conference will include a discussion of facility requirements (space allowances, functional requirements, adjacencies and spatial organization), a list of exceptions to criteria and a review of the project budget.



Subsequent meetings will be held to confirm the detailed requirements for architectural finishes, electrical requirements, HVAC, communications, equipment and other elements of all spaces within the facility. We will use this information to prepare a **Basis of Design** that will be used in calculating power, lighting, HVAC, fire protection and other services for the buildings. This information will also be used to confirm the final floor plan and finish schedule for the various spaces and functional areas in each building.

Through the course of the design, we will work with you to identify ways of saving O&M costs and reducing energy needs. We will also work to identify possible alternative construction materials. Some of these recommendations may reduce construction cost, reduce utility costs, or both. These



recommendations will be provided for your consideration and, if accepted, incorporated into the design. The final construction documents will include Bid Options that will allow the opportunity to select items that enhance the facility while still staying within the Maximum Construction Cost approved for this project.

The design procedures we will follow will include the development of a **Conceptual Design**, which we will summarize and deliver in a **Concept Design Report**. This report generally represents 35% of the total design effort.

The next step will be to incorporate the review comments from the Concept Design into a **Preliminary Design** submittal

GRW offers three dimensional modeling and drawings produced through software such as AutoCAD Revit.



that represents approximately the 65% design completion of the construction documents. This submittal will include site and floor plans, building elevations, a room finish schedule, and descriptive information on the utility systems, HVAC and lighting systems, and other special systems. This submittal will also include preliminary technical specifications (CSI Divisions 2-16), general requirements (Division 1), an updated construction cost estimate, and supplemental design data and information, such as narrative descriptions of the building elements, engineering calculations and code analyses.

As the work progresses, an interim **95% Pre-Final Design** submittal will be provided for your review and approval. A **100% Final Design** submittal will be presented to include the resolution of review comments from the previous submittals, final plans and specifications, cost estimate, and supporting data.

Following review and approval of the **Final Design** submittal, we will prepare a **Final Approved** set of plans, specifications and bidding documents for advertisement for bids.

QA/QC will be a continual process through the course of the project. GRW's senior team leadership will conduct QA reviews for each milestone submittal prior to delivery to WV ARNG.

Copies of each design submittal will be furnished as hard copies and CDs, in the number needed for each agency to review. The project schedule will include time for reviews by each agency.

Since we assume this project will be advertised for bids through the state's Purchasing Division, the required bidding information will be prepared using the state's forms and contract documents. We are familiar with these documents from previous WV ARNG projects. Plan sets can be supplied to plan rooms and other locations where potential bidders and vendors can review them.

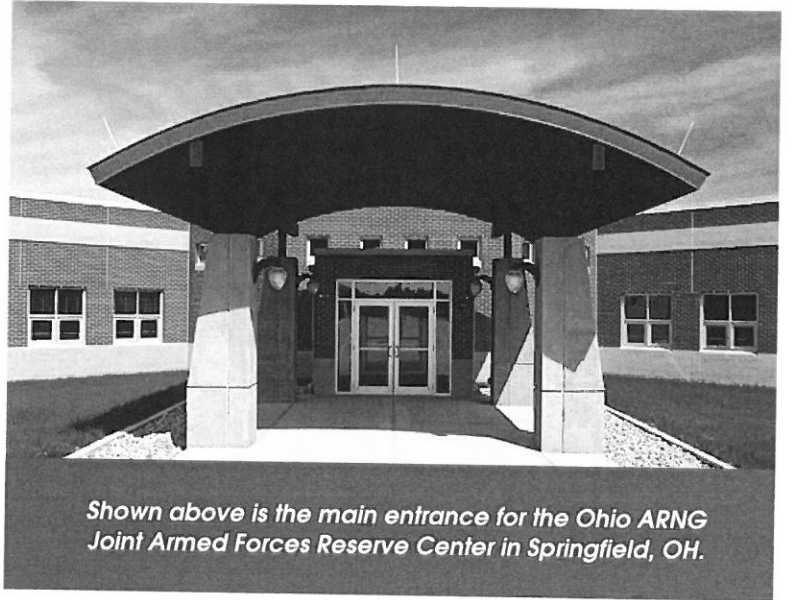
GRW will provide assistance during advertising and bidding of the project by answering RFIs, preparing Addenda, and attending the pre-bid site visit and bid opening. If requested, GRW will assist in evaluating the bids and will provide a tabulation of all bids.



As the project moves into construction, GRW will provide **Construction Administration Services** in accordance with your requirements. These services will include, at minimum, regular visits to the site, review of shop drawing submittals, review of contractor's pay applications, and response to contractor RFIs. If desired, GRW will work with you to identify and retain the services of a local individual to provide resident inspection services.

These design procedures are not set in stone, as GRW prides itself on being a strong project manager driven organization without a lot of

bureaucratic procedures that stifle creative people. We will work with you to make sure our design services meet the requirements of the WV National Guard and the State of West Virginia. At all times we will remain flexible to accommodate your needs. The bottom line is that GRW cares a great deal about your repeat business, and your satisfaction is therefore our paramount concern.



Shown above is the main entrance for the Ohio ARNG Joint Armed Forces Reserve Center in Springfield, OH.