

BURGESS & NIPLÉ

Engineers ■ Architects ■ Planners



A-E Services for Parkersburg Readiness Center and Field Maintenance Shop WV Army National Guard Parkersburg, West Virginia

State of West Virginia

RFQ Number: DEFK10013

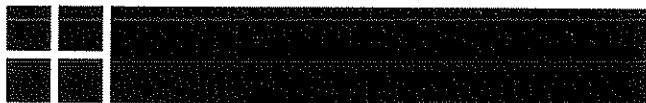
April 13, 2010

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WV PURCHASING
DIVISION





BURGESS & NIPLE

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

Re: DEFK10013 - Expression of Interest
West Virginia Army National Guard
Parkersburg Readiness Center and
Field Maintenance Shop
Parkersburg, West Virginia

April 13, 2010

To Whom It May Concern:

Burgess & Niple, Inc.
4424 Emerson Avenue
Parkersburg, WV 26104
304 485.8541
Fax 304 485.0238

Burgess & Niple, Inc. (B&N) is excited to present this proposal to provide professional architectural and engineering services for the design of the West Virginia Army National Guard Parkersburg Readiness Center and Field Maintenance Shop to be located in the vicinity of Parkersburg, West Virginia.

B&N has a long and distinguished track record working on numerous Federal and State of West Virginia funded projects including over a dozen projects for the West Virginia Air National Guard and many projects for the West Virginia Department of Transportation. Our resume includes projects for each branch of the military located in states all across the U.S. We have won many Federal design awards for our projects.

Our staff is uniquely qualified for military projects. As an example, B&N's senior structural engineer, Paul Perrin, PE, SE III, is a national expert in anti-terrorism/force protection (AT/FP) planning and design. Our architects and engineers are well versed in the importance of thoroughness and accuracy required in design review submittals and in the importance of meeting the design schedule.

We look forward to the opportunity to serve as the design team for the Parkersburg Readiness Center and Field Maintenance Shop project and especially look forward to the opportunity to create a highly functional, fiscally responsible and aesthetically pleasing facility for the dedicated members of the West Virginia Army National Guard in our community.

Sincerely,

Rodney D. Holbert, PE, Principal-in-Charge
Parkersburg District Director

RDH:jeb
Attachment



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OVERALL CAPABILITIES

BACKGROUND

Burgess & Niple (B&N) was founded in 1912 in Columbus, Ohio and has provided professional engineering and design services continuously since that time. In 2003, the firm incorporated as Burgess & Niple, Inc. In addition to our Columbus headquarters, we have 19 district offices located in nine states.

Since opening the Parkersburg office in 1972, B&N has provided a wide range of services to municipal, county, state and federal governments and military branches; utilities; corporations; industries, and individuals in West Virginia. From initial selection through completion of construction, your project will be managed from this location with assistance from our office in Cincinnati, Ohio.

Nationwide, B&N has a current staff of approximately 550 design and support professionals in a broad range of engineering, architectural, and scientific disciplines, supported by experienced multi-disciplined technicians, drafters, construction representatives, and administrative staff. This includes more than 175 sanitary, structural, and civil design professionals. Our business development structure focuses on projects in the following five core business areas.

- Transportation
- Architecture**
- Environmental
- Federal/Military**
- Utility Infrastructure

Teams assembled from specific disciplines listed below conduct a wide variety of projects for our clients within the above core business areas. Our computer network, centralized computer-aided design and drafting systems, in-house graphic design group, surveying, geotechnical, drilling capabilities and other special services provide invaluable support for project teams in all offices.

Architecture

Chemical Engineering
Chemistry

Civil Engineering

Electrical Engineering

Environmental Science
Geology

Geotechnical Engineering

Hydrology

Landscape Architecture

Mechanical Engineering

Plant Operations

Sanitary Engineering

Structural Engineering

Surveying

Transportation Engineering

Transportation Planning

Urban & Regional Planning

We currently rank 129th on *Engineering News Record's* list of the top 500 design firms in the United States. We are proud of our recent growth and it is our goal to provide close, personal service to our clients. Nearly 80-percent of our annual business is obtained from previous clients. This is ultimate testimony to our performance record.

TECHNOLOGY

We are committed to providing our employees with the latest in technological equipment. In addition to computer workstations for every employee, our CADD software capabilities include Microstation, AutoCAD 2010 and design software includes GeoPak, Civil 3D, MDX, and CONSPAN.

In addition, our Parkersburg and Cincinnati offices are connected by high speed Local Area Network and Wide Area Network connections running at speeds of up to one gigabyte. The locations are linked together by a Frame Relay Network using T1 connections. Our two offices and our design and support professionals coupled with our commitment to technological advancement greatly simplifies the process of simultaneously working together on a project. This unique presence allows us to provide the high level of service necessary for the Parkersburg Readiness Center and Field Maintenance Shop.





QUALITY ASSURANCE

B&N's continued success and excellent reputation can be directly attributed to the efforts of our employees. These persons are hired after a thorough recruiting process and are supported by a quality workplace, in-house training, tuition assistance programs, and participation in professional associations, conferences, and workshops. Having a sound, stable work environment helps our staff provide consistent quality to our clients. Staff stability is exemplified by the fact that more than 95 employees each have over 20 years of experience with B&N.

To produce quality work for our clients, B&N has developed a comprehensive Quality Improvement Program (QIP). QIP, Burgess & Niple's version of Total Quality Management (TQM), is guided by our QIP Steering Committee. The QIP Steering Committee consists of seven owners of the firm who use traditional TQM techniques and other measures to analyze and improve work processes. QIP teams are selected by the Steering Committee to analyze specific areas of operation and make quality improvement recommendations.

We define quality as absolutely satisfying the needs and expectations of our clients. We view quality management as a philosophy, a set of tools, and a process whose output yields customer satisfaction and continuous improvement. B&N's focus on quality requires that our entire project team be committed to the process of quality management. The result is accurate, efficient, and cost-effective engineering and architectural services delivered on schedule.



PROJECT APPROACH AND MANAGEMENT PLAN

DESIGN PHASE

TASK I – PROGRAMMING

Programming describes the requirements of the design in detail. The result is a written report supplemented with data, analysis, and diagrams. This is an important opportunity for clients to clearly communicate their expectations and needs with the design professionals. These services will be consistent with Type A1 services typically required for National Guard contracts.

- ❖ Attend a kick-off meeting with client to gain an understanding of the program elements.
- ❖ Facilitate discussions with the client representative and user groups, as necessary to refine space and amenity requirements.
- ❖ **Site Selection Process.** When there are multiple sites being considered for the location of a new facility a well executed selection process needs to be conducted to help ensure the final location will offer lasting opportunities for the proposed facility. Burgess & Niple has provided site selection evaluation for numerous military, educational, commercial and recreational projects. The following are important considerations that will be evaluated when selecting the best site for your new facility:
 - Evaluating the size of the site for the Readiness Center and Field Maintenance Shop and consider future growth.
 - Evaluating the existing topography and potential costs associated with grading the site.
 - Evaluating vehicular access for the users and proximity to major roadways.
 - Considering surrounding land uses and land use zoning.
 - Proximity to emergency services.
 - Existing support utilities and potential for upgrades.

- Environmental issues associated with the site, ESAs.
- Research general soils information.
- Proximity to convenience businesses, (restaurants, gas stations, etc).
- Research local zoning/building codes.

TASK II – SCHEMATIC DESIGN

Schematics is an interactive process between the design team and owner through which the optimum solution is created. The result is a site plan, floor plans, building sections and exterior building elevations. The design is further described in outline specifications that describe building construction and mechanical/electrical systems. The construction cost is analyzed in further detail and necessary adjustments are made. These services will be consistent with Type A2 services typically required for National Guard contracts.

- ❖ Develop up to three alternative design options.
- ❖ Present preliminary design options to the WVARNG. Facilitate a review meeting with WVARNG designated representative and user group representatives to discuss and critique the various design options. Document WVARNG feedback and comments.
- ❖ Incorporate feedback gathered in the review meeting into the preferred option.
- ❖ Conduct up to two more review meetings with WVARNG to narrow the options to develop the preferred design option.
- ❖ Perform a preliminary code analysis and zoning check.
- ❖ Analyze building system options. Develop a written narrative of proposed systems including mechanical, electrical, plumbing, fire protection, communications, and technology.
- ❖ Present preferred option and design narrative to WVARNG.
- ❖ Conduct a 25 percent design review meeting.



- ❖ Incorporate review comments into the project.
- ❖ Obtain WVARNG's approval/sign-off to proceed with next phase.

TASK III – DESIGN DEVELOPMENT

During this design phase, specific details of the construction are articulated, and all decisions for which the owner should have input are typically concluded upon. These services will be consistent with Type B services typically required for National Guard contracts.

- ❖ Solidify floor plans and elevations.
- ❖ Perform full code analysis. Consult with plan review personnel having jurisdiction, as necessary.
- ❖ Ascertain options for obtaining energy efficiency goals. Set parameters for the design to meet these goals.
- ❖ Refine material selections and systems. Develop building and wall section and detailing. Develop schedules.
- ❖ Develop list of specification sections.
- ❖ Analyze existing utility system capacities.
- ❖ Perform systems design calculations (i.e., heating and cooling load calculations, lighting and power load calculations, etc.).
- ❖ Select systems equipment.
- ❖ Develop HVAC duct distribution, lighting, power distribution layouts, etc.
- ❖ Develop a preliminary estimate of construction costs based on Means Cost Guide.
- ❖ Conduct in-house quality assurance/quality control reviews.
- ❖ Present Design Development drawings, outline specifications, project narrative, and preliminary estimate of construction cost to WVARNG for review.

- ❖ Conduct 65 percent design review meeting and document comments.
- ❖ Obtain WVARNG approval/sign-off to proceed with next phase.

TASK IV – CONSTRUCTION DOCUMENTS

This is the third and final design phase during which the design team describes the conditions of the construction contracts in detail. Drawings are created for every construction trade. Detailed specifications are further developed, general conditions of the contract described, and final detailed estimate of cost is prepared. These services will be consistent with Type B services typically required for National Guard contracts.

- ❖ Incorporate comments from the 65 percent review into the documents.
- ❖ Develop full specifications.
- ❖ Complete drawings.
- ❖ Develop color scheme pallets for review and approval.
- ❖ Perform quality assurance/quality control check within and among all disciplines. Perform final check on code, ADA, energy saving measures.
- ❖ Submit 95 percent documents and updated preliminary estimate of construction cost to WVARNG for review.
- ❖ Meet with WVARNG at 95 percent and final review.
- ❖ Complete documents.
- ❖ Submit documents for plan review approval and permit.



TASK V – BIDDING

During this phase, construction documents are distributed to contactors for bidding. The design team responds to bidder's questions and issues clarification addenda. Bids are received, opened and tabulated. The owner and architect evaluate the bids, select the preferred bidders, and execute construction contracts. These services will be consistent with Type B services typically required for National Guard contracts.

- ❖ Attend pre-bid meeting.
- ❖ Respond to contractor inquiries.
- ❖ Issue addenda as required.

CONSTRUCTION PHASE

Contractors lead all construction activities and coordination between the trades. During this time, the architect administers the construction contract. This includes observing the work for conformance with the construction documents, clarifying the intent of the construction documents, review of shop drawings, reviewing contractor's applications for pavement, responding to needed changes of the work, and documenting the progress of work. These services will be consistent with Type C services typically required for National Guard contracts.

- ❖ Review shop drawings and submittals.
- ❖ Attend pre-construction meetings and progress meetings during the course of the project.
- ❖ Review and answer RFI's "requests for information".
- ❖ Respond to questions from the project manager.
- ❖ Provide final project closeout documents to WVARNG.

PROJECT COST CONTROL

B&N is well aware that predicting the budgeting costs accurately are vital elements in the survival of any business. We are proud of our long-standing ability to produce cost estimates that help owners and managers evaluate a project's cost-effectiveness.

We have found that by establishing a realistic budget, one that is tailored to the local bidding client, at the onset of the project, is the most important factor in managing a project's overall cost. We develop cost estimates as we develop the building design – in order to maintain control of the budget. As project design becomes more detailed, so does the cost estimate. Therefore, the budget is always kept in check.

Our estimating system utilizes an extensive computerized database to provide various items required to construction projects. Our cost estimators continually compile and analyze construction data on materials, labor, equipment, and other factors that affect costs.

Material cost estimates are derived from published price lists, quotations from suppliers and manufacturers, actual invoices from construction projects, bid tabulations from construction projects, and published reference manuals. Specific material quotations are obtained from recent projects to update the database.



PROJECT QUALITY CONTROL

B&N is committed as a firm to developing creative, yet practical solutions to meet our clients' needs. To this end, we strive to maintain an on-going quality management program, which emphasizes clear communications between us and our client, as well as coordination among our design team members.

Our team members pay attention to details and are constantly mindful of factors that result in quality work including:

- ❖ WVARNG Goals and Objectives
- ❖ WVARNG Standards
- ❖ Scope of Work and Scheduling Reviews
- ❖ Data Collection Methods and Procedures
- ❖ Field Investigation/Documentation Procedures
- ❖ Construction Procedures/Requirements
- ❖ On-going Review of Technical Work
- ❖ Plan Preparation and Production Methods
- ❖ Coordination of Multi-disciplinary Efforts
- ❖ Reviews of Codes, Regulations, and Design Criteria
- ❖ Report/Specifications Format Standardization
- ❖ Constructability
- ❖ Review of Alternatives
- ❖ Project/Task Budget Status and Update

Our Quality Management Program procedures include:

- ❖ Adhering to an established control system that anticipates and reports deviations on a timely basis, allowing corrective action to be initiated before more serious deviations occur in quality, budget, or schedule.
- ❖ Reviewing the technical performance of the project at regularly scheduled intervals.
- ❖ Detailed documentation of meetings, telephone conversations, and agreements.
- ❖ Conducting regular project team meetings to review project performance, resolve disputes, eliminate problems, and promote project integration.
- ❖ Promoting the "partnering" approach throughout all assignments, which demands complete and open exchange of information between all parties involved.



PROFESSIONAL REFERENCES AND PREVIOUS EXPERIENCE

PROFESSIONAL REFERENCES

Our past client list includes federal agencies, state transportation departments, county, city, and corporate entities. We believe our past accomplishments are the best indicators of our future performance. To confirm our past accomplishments we offer the following list of professional references for your review.

Mr. Dale Krohn, RA
Design Manager
USAF 88th ABW/CECP
Building #11
5151 Wright Avenue
WPAFB, OH 45433-5339
(937) 656-3578

Mr. Greg Bailey, PE
Engineering Division
West Virginia Department of Transportation
Building 5, Room A-317
1900 Kanawha Boulevard, East
Charleston, WV 25305
(304) 558-9722

Mr. Fred Smith
Physical Plant Director
Marietta College
215 5th Street
Marietta, OH 45750
(740) 525-4367

Ms. Vicky Earhardt
Anderson Township Administrator
7850 Five Mile Road
Anderson Township, OH 45230
(513) 688-8400

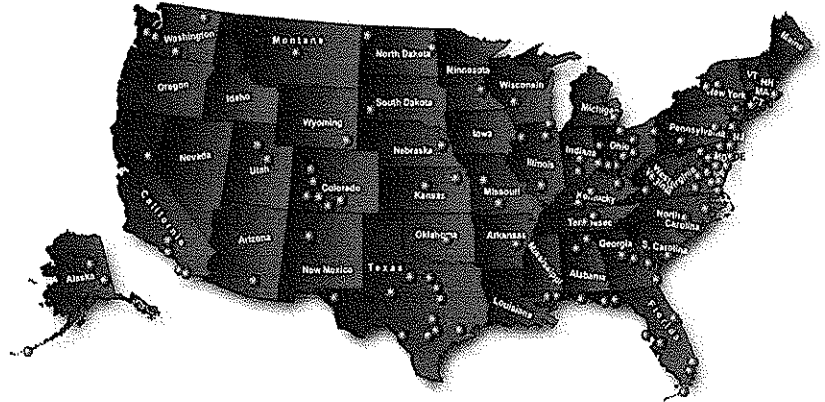
Mr. Joseph McClung
West Virginia State Armory Board
Facilities Management Office
1703 Coonskin Drive
Charleston, WV 25311
(304) 561-6548



SPECIALIZED EXPERIENCE

Burgess & Niple is a full service A/E firm that has served all branches of the United States armed forces. B&N staff members have completed projects in 44 states and on more than 100 military installations (as shown on the map).

Burgess & Niple's military experience includes Installation ID-IQ Design contracts, design, design-build, renovation and restoration, new construction, site investigations, cost estimating, construction administration, environmental compliance, sustainable design, Anti-Terrorism/Force Protection, civil works facilities, flood control, dams/bridges, and master planning.



MILITARY DESIGN CENTER OF EXCELLENCE

B&N military design is managed programmatically. A single Command & Control group manages the entire program. Program managers, project managers and core staff are 100% dedicated to military work. They know your needs and expectations, your design standards, AT/FP, LEED®, and constantly apply "lessons learned" and innovative approaches to problem solving. **We have 100 members of our staff dedicated FULL TIME to military and government design.**

GOVERNMENT CLIENTS

Military

US Air Force
US Air Force Reserve
US Air National Guard
US Army
US Army Reserve
US Army National Guard
US Coast Guard
US Navy
US Navy and Marine Reserve

Army Corps of Engineers

USACE Baltimore District
USACE Buffalo District
USACE Huntington District
USACE Louisville District
USACE New England District
USACE New York District

USACE Little Rock
USACE Norfolk District
USACE Pittsburgh District
USACE Sacramento District
USACE Savannah District
USACE Seattle
USACE Wilmington District
USAESC Huntsville

Federal Agency

Defense Logistics Agency
Federal Emergency Management Agency
General Services Administration
Natural Resources Conservation Service
Small Business Administration

USDA Forest Service
US Department of Agriculture
US Department of Interiors
US Environmental Protection Agency
US Geological Survey
US Postal Service
Veterans Administration

National Guard

WV Air National Guard
WV Army National Guard
Ohio Army National Guard
Ohio Air National Guard
Virginia Air National Guard
Indiana Army National Guard



DIVERSITY OF EXPERIENCE

The solicitation raises the issue of breadth & diversity of experience. This is a strength of Burgess & Niple. Our company's long standing success of providing multidisciplinary architecture and engineering services allows us to deliver the right skills to execute your project. We are very confident in our ability and flexibility to meet all your needs. Above all, we maintain a relentless focus on a solution that works. Our commitment is to provide the exacting service you need and the end product you envisioned, exceeding your expectations whenever possible. The following table demonstrates Burgess & Niple's experience in providing in-house services relevant to your solicitation:

Type of Experience	B&N DoD Experience	Air Force Experience	Other Client Experience
Complete Designs	▲	▲	▲
Concept Level Designs	▲	▲	▲
Design/Build RFP Documents	▲	▲	▲
BIM Data Development	▲	▲	▲
Site Visits and Investigations	▲	▲	▲
Engineering Services During Construction	▲	▲	▲
Design of Demolition	▲	▲	▲
Hazardous Materials Survey	▲	▲	▲
Analysis and Abatement Methodology	▲	▲	▲
Sustainable Design	▲	▲	▲
Construction Cost Estimates and Schedules	▲	▲	▲
Technical Studies and Analysis	▲	▲	▲
Comprehensive Planning	▲	▲	▲
Survey	▲	▲	▲
Geotechnical Analysis	▲	▲	▲
Hazardous Waste Management	▲	▲	▲
Building Design	▲	▲	▲
Structural Design	▲	▲	▲
HVAC Design	▲	▲	▲
Plumbing Design	▲	▲	▲
Electrical Design	▲	▲	▲
Telecommunications Design	▲	▲	▲
Fire Protection Design	▲	▲	▲
Grading Design	▲	▲	▲
Utilities Design	▲	▲	▲
Alteration and Repair of Utilities	▲	▲	▲
Paving Design	▲	▲	▲
Landscape Design	▲	▲	▲
AT/FP Measures	▲	▲	▲
LEED® Accreditation	▲	▲	▲
UFGS and SpecsIntact	▲	▲	
AutoCAD, MicroStation and BIM	▲	▲	▲
New Construction	▲	▲	▲
Facility Alteration and Repairs	▲	▲	▲
Construction Documentation	▲	▲	▲



RECENT PROJECT EXPERIENCE

B&N, like its military clients, is a dynamic, technology-based, and performance oriented organization. We are proud to serve all branches of the U.S. Armed Forces and are proud to consistently meet the military's high standards for architectural and engineering services. The result is experience in multiple types of military projects. The table below is an overview of our last 7 years of military project experience.

PROJECT NAME	Owner	New or Renovation	Training Centers	Maint. Shops	Aircraft hangars	HQ, Admin.	Lodging / Facilities	Community Activity Centers	Laboratory	Intelligence	CDC/Youth Center	Const. Cost
Human Wing Performance-WPAFB	AF	New				▲			▲			\$200M
WPAFB/88CEG IDIQ	AF	Reno	▲	▲		▲	▲	▲	▲	▲		N/A
Fire Crash Rescue Stations, WPAFB	AF	New	▲				▲	▲				\$8.7M
New Enlisted Dorm – WPAFB	AF	New					▲					\$9.6M
Airmen Dorms Renovation (4) – WPAFB	AF	Reno					▲					\$5.7M
SCIF Office Bldg 20016 -WPAFB	AF	Reno				▲						\$850,000
Bayview Towers (Langley AFB)	AF	Reno					▲					\$18.7M
Rickenbacker ANG, VOQ	AF	Reno					▲					\$3.5M
Andrews AFB FRR	AF	Reno		▲		▲	▲	▲		▲		\$7.8M
Flight Ops Center, Westover ARB	AF	New		▲		▲						\$4M
130AW Aerospace Dining Hall	AF	Reno						▲				N/A
YARS IDIQ	AF	Reno		▲		▲	▲	▲				N/A
Langley AFB MACC	AF	Reno		▲		▲	▲					N/A
Pope AFB Airmen's Center	AF	Reno				▲		▲				\$6M
Seymour Johnson AFB Dorm 3613	AF	Reno					▲					\$3M
Ft. Knox IBCT Barracks (600 beds)	Army	New					▲					\$48.6M
Ft. Knox IBCT Barracks Phase I (841 beds)	Army	New					▲					\$62M
Ft. Knox Dining Facility	Army	New						▲				\$10M
Ft Gordon TBUP	Army	Reno		▲		▲	▲	▲				\$40M
Ft. Bragg Brigade Combat Team Complex	Army	New		▲		▲	▲	▲				\$114M
Ft. Eustis - Barracks Bldg.1004	Army	Reno					▲	▲				\$2.8M
Ft. Eustis- Barracks Bldg. 1002	Army	Reno					▲	▲				\$3.5M
Ft. Lewis Stryker Brigade Dining Hall	Army	New						▲				\$13M



PROJECT NAME	Owner	New or Renovation	Training Centers	Maint. Shops	Aircraft hangers	HQ. Admin.	Lodging / Facilities	Community Activity Centers	Laboratory	Intelligence	CDC/Youth Center	Const. Cost
Bolling AFB Family Housing, Phase I, II, III	AF	New					▲					\$47.5M
Readiness & Training Center, WVARNG	Army	New	▲	▲		▲		▲				\$9.5M
USCG Station, Gulfport	USCG	New	▲	▲		▲						\$15.3M
Project Seahawk Port Security Center	USCG	Reno		▲		▲				▲		\$9.3M
USARC (J Diamond) New Orleans	Army	Reno		▲		▲		▲		▲		\$10.5M
P235 Administrative Facility	Navy	New				▲						\$25.7M
Camp Lejeune Family Housing	USMC	New					▲					\$19.4M
Ft. Eustis Transportation Inn (TLF)	Army	Reno					▲					\$2.2M
SIMNET Training Center, IAARNG	Army	New	▲	▲								\$1M
NBC Ready Center, Ft. Pickett	Army	New		▲		▲						\$1.3M
CIDC Center, Ft. Eustis	Army	New		▲		▲						\$1.8M
Defense Supply Center Columbus	DLA	Reno		▲		▲		▲				N/A
USCG Station, Sheboygan	USCG	Reno	▲	▲		▲	▲					\$600,000
Ft. Sam Houston Youth Center	Army	New				▲		▲			▲	\$6M
Ft. Bliss Youth Center	Army	New				▲		▲			▲	\$3.8M
Ft. Bliss CDC	Army	New				▲		▲			▲	\$3M
Ft. Jackson Drill Sergeant School & Dining Facility	Army	New	▲			▲		▲				\$19M
FT. Carson Dining Facility	Army	New						▲				\$13M
Ft. Stewart 5 th IBCT Barracks	Army	New					▲					\$92M
Ft. Carson CDC (6-10) Large	Army	New				▲		▲			▲	\$10M
Tracy DDJC CDC Medium	Army	New				▲		▲			▲	\$3M
Ft. Carson CDC Medium	Arm	New				▲		▲			▲	\$9M
Ft. Lewis SOF/3 rd Div. Barracks	Army	New					▲					\$35.7
Ft. Benning VMIF & TEMF	Army	New		▲		▲						\$75M
Ft. Bragg Barracks & COFs	Army	New	▲			▲	▲					\$89.6M
Fort Bragg 192nd EOD COF	Army	New	▲			▲						\$6.2M
Fort Campbell COF	Army	New	▲			▲						\$3.7M
Fort Riley COF	Army	New	▲			▲						\$9M
U.S. Fish & Wildlife ID-IQ	Interiors	Reno				▲	▲					N/A
WVANG ID-IQ ~ 130 th AW, 167 th AW	ANG	Reno		▲	▲	▲		▲				N/A



COMMUNITY ACTION CENTERS

B&N has extensive experience in the design of Community Activity Centers. The table below outlines the major features of B&N's military experience with this facility type.

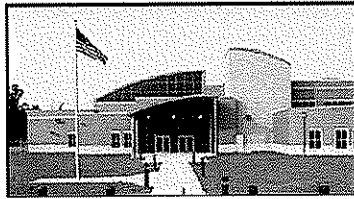
Burgess & Niple Specialized Experience Community Activity Centers						
Name of Project	New/ Reno	Cost	Size (sf)	# meals	# seats	Equipment
Military Food Service Facilities						
Ft. Knox Battalion Dining Facility	New	\$10.3M	35,500 sf	3,600/d	540	130+
Ft. McCoy Battalion Dining Facility	New	\$4.6M	14,000 sf	1,800/d	320	96
Ft Lewis Enlisted Personnel Dining Fac.	New	\$12M	26,500 sf	3,900/d	624	300+
Ft Carson Dining Facility	New	\$13M	26,500 sf	3,900/d	624	300+
Ft Jackson Drill Sgt School+ DFAC	New	\$17M	77,000 sf	3,900	253	250+
Defense Supply Center Cafeteria	Reno	\$2.1M	10,000 sf	1000/d		
WVANG Yeager Airfield cafeteria	Reno	\$1M	1600 sf addition	1200/d	400	8
Ft. Bragg BCT – Dining Facility	New	\$13M	18,000 sf	2,787/d	308	
Ft. Gordon Dining Facility	New/Reno	\$4M	12,028 sf reno 400 sf new	1000/d	420	

PREVIOUS EXPERIENCE

The following pages provide a brief representation of two each of our military administrative and maintenance facility projects. Appendices A and B include additional project experience.



**WILLIAMSTOWN READINESS CENTER
NATIONAL GUARD AVIATION CENTER
WILLIAMSTOWN, WV**



Burgess & Niple (B&N) provided A/E design and construction documents for the new Williamstown Readiness Center (WVARNG armory) located

northeast of the existing West Virginia National Guard Army Aviation Support Facility and helicopter tarmac at the Wood County, WV Airport.

The Williamstown Readiness Center is actually two buildings. The primary building is a two-story structure of approximately 47,530 square feet. The first floor consists of both public uses, such as classrooms, and military uses, such as lockers, storage, and vehicle maintenance. The second floor is allocated for military administration areas. A one-story, high-bay secondary building of 6,450 square feet to be used for unheated storage was designed but not constructed. Total square footage of both facilities is approximately 53,980 square feet.

Exterior walls are predominately concrete block with brick veneer. Decorative concrete block is used as accents. Roofs are a combination of standing seam metal roofing and adhered single-ply membranes.

The building is heated, cooled, and ventilated using multiple gas fired / DX rooftop packaged HVAC units.

The sprinkler system is an automatic wet pipe system. The density varies according to the space usage and classification. Loading docks and other freeze prone areas are provided with freeze proof sprinkler heads. Sprinkler heads are upright or pendants depending on the room finishes. A new fire pump and jockey pump are provided to assure proper sprinkler operation.

Water Service is provided to the proposed facility from an A-C 6-inch line that runs along the north side of State Route 31. This existing 6-inch main currently delivers 80 psi. A water storage tank for fire protection was required to serve the facility. Domestic pumps are provided at the pump house to serve the domestic water needs.

Sanitary Sewer Service follows the existing access road and taps into a sewer main along State Route 31. The on-site sanitary sewer line is sized to handle both the new facility and the existing West Virginia National Guard Facility.

**TRI RIVER TRANSIT ADMINISTRATIVE
OFFICES AND MAINTENANCE FACILITY
HAMLIN, WV**



Presently under construction, B&N is

providing full-service A/E services, including Design Project Management from the beginning of project through the completion of construction for the new \$2.2M Tri River Transit Administrative Offices and Maintenance Facility.

This facility will provide new administrative space including private offices, conference, training/classroom space, and other office supporting functions. The vehicle parking and maintenance portion of the facility can accommodate 16 bus vehicles with conditioned parking. It also includes a vehicle wash area, parts storage, break room and lockers, and chief mechanic's office. The two distinct areas of the facility are separated with a fire barrier wall with the office portion approximately 5,200 SF and the vehicle storage/maintenance area approximately 9,400 SF.

The administrative portion of the building is light gauge metal framing and trusses with brick veneer and EFIS while the vehicle area is a pre-engineered metal building. The entire facility has a standing seam metal roof. The administration half of the building is the first visitors see as they access the site as a pleasant and inviting human scale façade with the maintenance facility in the background.

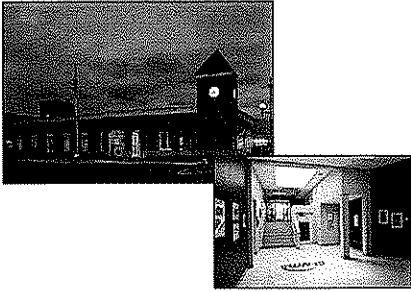
The entire facility is fully sprinkled and incorporates a fire alarm/detection system, telephone/PA system, emergency lighting, data distribution wiring and a security system. Site amenities include landscaping, site signage, flag poles and a security fenced bus area.

The vehicle storage/maintenance includes a compressed air system, overhead oil lube system, vehicle exhaust system, and radiant heat.

Completion is scheduled for 2010.



**ADMINISTRATIVE AND BUS
MAINTENANCE FACILITY
CLARKSBURG, WV**



Burgess & Niple was selected to prepare concept design and construction documentation to renovate approximately 25,000 sf and expand 5,100 sf of a

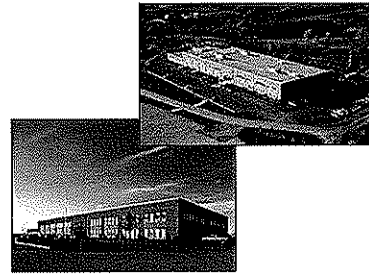
multiple-use bus facility to accommodate new administrative offices and a regional training facility.

The facility is located in Clarksburg's Downtown Historic District and has great visual exposure from U.S. Highway 50, a major east/west thoroughfare. The desire of the owner was to create a new exterior appearance to inspire others downtown to restore or renovate their buildings. This has been achieved by introducing materials and detail reminiscent of the surrounding historical structures.

The narrow, sloped site will require the addition to be constructed at a higher floor elevation than the existing building. The new design takes advantage of the change in floor elevations to create higher ceilings in the large group training room and breakout lobby, which will include a skylight to introduce natural light to the interior space.

The estimated cost of construction is \$1.8 million.

**HAWK ARMORY BATTALION
OHIO NATIONAL GUARD**



Burgess & Niple was selected to design the Ohio National Guard's HAWK Battalion Training Facility in McConnellsville, Ohio.

The Armory's 80,000 square feet provides areas for vehicle maintenance, assembly halls, classrooms, kitchen space, equipment storage, offices and a rifle range. Designed to accommodate 800 Ohio National Guard personnel, the facility was sited at the summit of a ridge, requiring extensive site preparation for access roads, military parking and private vehicle parking areas.

The remote site required extending water, sanitary sewer, gas, telephone, and electric utilities to serve the facility. A water booster station and an elevated water storage tank were necessary to provide water service to the Armory.



PROJECT TEAM AND STAFF QUALIFICATIONS

Burgess & Niple has assembled its project team with professional qualifications specifically tailored to fulfill the requested scope of services, taking into consideration the project schedule and staff available. Experienced personnel are assigned to key positions with specific areas of responsibility. The following people will be key members of the Parkersburg Readiness Center and Field Maintenance Shop project team.

Mr. Rodney Holbert, PE, PS *Principal-in-Charge*

Mr. Holbert has the overall responsibility for the successful delivery of the project. He will maintain communication with WVARNG throughout the design and construction phase of the project. Mr. Holbert will ensure your complete satisfaction with the work B&N is providing and will utilize his responsibility and authority as necessary to ensure the B&N Team is meeting our obligations to you. Experience includes serving as Project Manager for USACOE, U.S. Forest Service, U.S. Fish & Wildlife, WVNG and WVDOT.

Mr. Joe Brink, AIA *Project Manager*

Mr. Brink will be your primary contact during all phases of the project. As Project Manager, he will be ultimately responsible for the satisfactory completion of your project objectives. He will work closely with you beginning with the initial selection of our firm through the completion of design and construction activities.

Mr. Robert Draper, AIA *QA/QC*

Mr. Draper will have the ultimate responsibility of Quality Assurance and Quality Control. B&N has an intensive in-house QA/QC program of which Mr. Draper has been an integral team member. Under Mr. Draper's leadership, B&N will conduct rigorous reviews of each component of the design and construction documents as well as a complete coordination review of the documents. It is Mr. Draper's responsibility to see that B&N's Quality Assurance requirements are established at the beginning of the project and adhered to throughout the duration of the project. It is also his

responsibility to coordinate and conduct quality control reviews. Mr. Draper will report directly to the Principal-in-Charge.

Mr. William Hueber, RA *Project Architect*

Mr. Hueber will play a key role in the development of the architectural design and architectural construction documents. He will have responsibilities that include the development of the drawings, including architectural details, and specification writing and coordination. Mr. Hueber will assist in the final review and checking of the architectural documents.

Mr. Vic Camm, AIA *Architect*

Mr. Camm is responsible for the development of the design of the project and the detailed construction documents that will be utilized to bid and construct the facility. He is also responsible for coordinating the designs of the architectural and engineering disciplines for both the construction drawings and the specifications. Mr. Camm is an integral part of the QA/QC process and will provide the first line of review of the design and construction documents. Mr. Camm will report directly to the Project Manager.

Mr. Jay Williams *Construction Administrator*

Mr. Williams will be responsible for QA/QC review of the various progress submissions and final construction documents. Also he will be available to provide services during construction, including administering the construction contracts, reviewing shop drawings, conducting construction progress meetings, coordinating the services of the resident project representatives, and reviewing contractors' requests for payment. His primary responsibility is to provide the State with assurance that the project is designed to provide a high quality and economical facility and constructed in accordance with your approved plans and specifications.



Ms. Nicole Campbell, LEED® AP Sustainable Design

Ms. Campbell is responsible for assisting the architectural and engineering designers with the development of the Sustainable Building Design strategies and plans. She will also be responsible for coordinating the efforts between the disciplines. Ms. Campbell will be involved with the QA/QC review process.

Ms. Elizabeth Rojas, NCIDQ, LEED® AP Interior Design

Ms. Rojas is a Leadership in Energy and Environmental Design (LEED®) Accredited Professional with a strong architectural background and focus on sustainability. She has 13 years experience with military, educational, corporate, governmental, and retail projects. Her experience includes design, project management, construction documentation, construction administration as well as selection and specification of color, material, and furniture. She has experience in all of the following facility types: **Training Centers, Tactical Equipment Maintenance Facilities/Vehicle Maintenance Shops, Headquarters/Administration Facilities, Barracks, Company Operations Facilities, Dining Facilities, Unit Storage Facilities and Warehouses, General Purpose Administrative Buildings, Child Development Centers, Simulation Centers, Medical Facilities, and Conference Centers.**

Mr. Timothy Utt, PE Civil Engineer

Mr. Utt will be responsible for site development and utilities for your project. His experience includes site development and utility design for various projects from the planning phase to construction administration.

Mr. Stephan Chevalier Designer

Mr. Chevalier will provide engineering support and utility coordination for all site work design. He will also be responsible for contract drawings.

Mr. Vince Amato, PE Geotechnical

Mr. Amato conducts/supervises geotechnical investigations and foundation design for all major projects in the B&N Military Program as well as for public works projects including buildings, bridges,

tanks, and dams. He is an expert with both deep and shallow foundation design. He has completed 10-story office buildings; 1,200-foot bridges; 20-mile highway upgrade projects; 108" power lines; and dams, reservoirs, and levees. He has military ID-IQ and D/B experience. Facility type experience includes: barracks; company operations; Brigade HQ; Battalion HQ; dining; arms vaults; storage; laundry; schools; warehouse; vehicle maintenance; training center; simulation center; tactical facilities; maneuver facilities; chapels, fitness centers; admin/office buildings; child development centers; medical; family housing; libraries; conference centers; deployable facilities; access control/gate; security facilities; master planning; specialized & mission specific facilities; tactical facilities; POL storage, and airfield vehicle support.

Mr. Steven Staats, ASLA Landscape Architect

Mr. Staats' 29 years of experience includes evaluating potential sites for development, preparation of master plans, graphic presentations, detailed plans, specifications, cost estimates, and construction services for military facilities, recreational parks, commercial developments, highway beautification, educational facilities, and downtown beautification. Mr. Staats is the primary Landscape Architect for the B&N Military projects. His design experience includes: **training centers, vehicle maintenance facilities, Battalion headquarters, administrative/office facilities, dormitories, barracks, dining facilities,** a port security and intelligence center, research laboratories, master plans, programming studies, library, child development centers, storage and warehouse, and family housing. He is familiar with AT/FP requirements associated with site development per UFC 4-010-01.

Mr. Michael Hinton, PE Structural Engineer

Mr. Hinton will provide the structural engineering services for the facility. He is responsible for the development of the design and final, coordinated, construction documents including construction drawings.



Mr. Carroll Dalton, PE Mechanical Engineer

Mr. Dalton has been dedicated to military design work for the past 12 years. He participates in all B&N military contracts and MILCON projects. He is the QA/QC manager for mechanical systems design. He is an expert in energy efficient HVAC systems including geothermal. He has ID-IQ experience at WPAFB, Ft. Knox, Ft. Campbell, DSCC, YARS, as well as regional and national MACCs. He has completed military assignments in 25 states. Facility type experience includes: **training center, vehicle maintenance, company operations facilities, Brigade and Battalion headquarters, administration/office buildings, barracks, family housing, dining facilities, arms vaults, warehouse, TEMF's, simulation center, tactical facilities, maneuver facilities, chapels, fitness centers, child development centers, medical, libraries, conference centers, deployable facilities, and security facilities.**

Mr. Chris Robertson, PE Electrical Engineer

Mr. Robertson has been dedicated to military design work for the past 8 years. His experience includes design of lighting, power distribution, communications, and fire alarm systems for **military facilities, training centers, lodging facilities, headquarters, dining facilities, municipal facilities, roadways, libraries, office/administration buildings, utility plants, corrections facilities, parking garages, daycare centers and retail stores.** He has served as project engineer responsible for electrical design, including design narratives, short circuit and voltage drop calculations, specifications, electrical cost estimates, shop drawing review, and final field construction review. He has experience in ID-IQ, design-build and multiphase projects; DoD experience; military design experience; Air Force, Air & Army National Guard experience; and renovation, repair, and rehabilitation experience.

Mr. Jay Johns, RCDD/NTS Communications and Technology

Mr. Johns is dedicated to military design work. As a former navy sonar technician, he has 19 years experience in communication systems design. He has specialized knowledge of IT/IS infrastructure and facilities design. He also has extensive construction and systems installation experience.

He has prepared Design Specifications for both D-B-B and D-B (turnkey) applications. Creates CAD drawings including; the floor plan and elevations for all Telecommunications Spaces, cable pathways, Work Area Outlet locations and details, as well as Firestopping details. He conducts site inspections for Quality Assurance (QA). **Early Career:** US Navy, Submarine Force. STS2 (SS) Sonar Technician Submarine Qualified onboard the USS Baton Rouge (SSN 689).

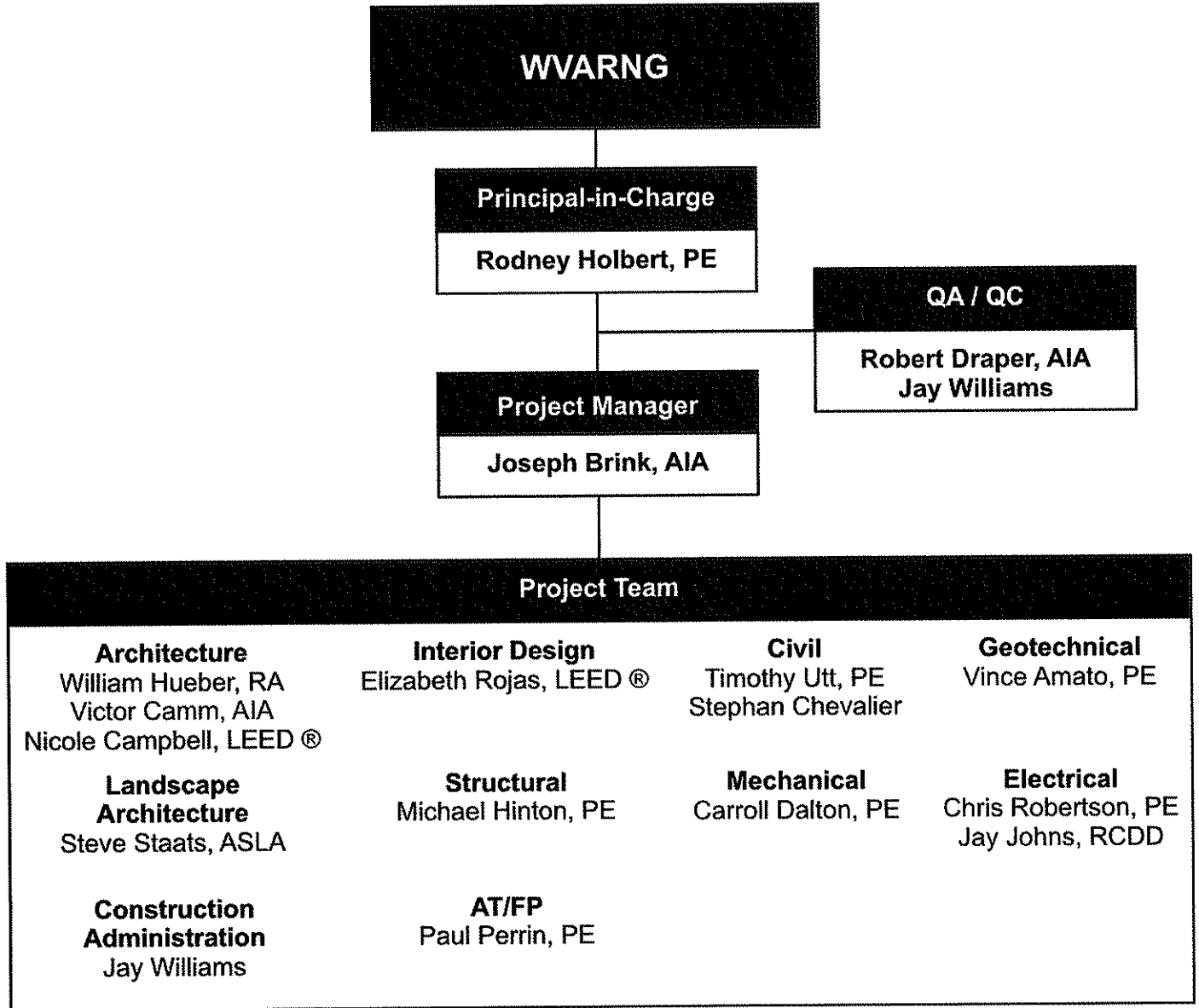
Mr. Paul Perrin, PE, SE, LEED® AP AT/FP

Mr. Perrin has been dedicated to military and DHS design work for the past 6 years. He is proficient in design of new and renovation projects using steel, concrete, masonry and wood. He's also a licensed **Structural Engineer in California**, this registration demonstrates his in-depth knowledge of structural design. Mr. Perrin is also B&N's expert in AT/FP planning & design. His expertise includes **anti-terrorism/force protection (AT/FP), progressive collapse analysis, seismic design, blast design, structural hardening, risk assessments, advanced finite element analysis, inspections, and feasibility studies.** His expert knowledge and extensive experience applying AT/FP and Progressive Collapse Unified Facilities Criteria (UFC) and Technical Manuals (TM) is used in Governmental projects. Project experience includes the retrofit of existing buildings to meet current seismic and progressive collapse criteria. Mr. Perrin has specialized training in security design through many ASCE, AISC, SAME & other courses. He sat for three years (2003-2005) on the NSPE Critical Infrastructure and Homeland Security Task Force that improved Federal and state disaster response coordination, and reviewed and developed design standards at a critical time in the development of national standards.

The project organization chart on the following page represents our team for the project. This project team has repeatedly demonstrated their planning, management, and design abilities on projects of similar scope. The extensive resources of Burgess & Niple will be at their disposal to ensure successful completion of the Parkersburg Readiness Center and Field Maintenance Shop. Detailed resumes can be found in Appendix A.



Organizational Chart





LOCATION OF OFFICE

Our Parkersburg Readiness Center and Field Maintenance Shop project team will be centered in our Parkersburg and Cincinnati offices. As with other past projects, assistance may be provided by the firms' other offices, should this be necessary to efficiently meet the scope of service requirements and schedule for the project. *However, the majority of the architectural design will be closely managed by personnel in our Parkersburg and Cincinnati offices.* We recognize the need on a project of this magnitude to take advantage of every opportunity to gain efficiency in order to provide a cost-effective final product.



COST ACCOUNTING SYSTEM

We have an established corporate accounting system organized around Federal Accounting Regulations. Our firm has been audited by the WVDOT in the past as part of the routine closeout of previous projects performed under our Statewide Engineering Agreement. The results of these audits have found that our job-order cost accounting system is "adequate for the segregation and accumulation of cost for cost reimbursement and fixed price type contracts." Our most recent Cost Accounting Information Statement was prepared on January 11, 2010.



APPENDIX A

PROJECT TEAM RESUMES

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Rodney Holbert, PE, PS	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. CURRENT FIRM 25
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Parkersburg, WV	16. EDUCATION MBA/1989/Civil Engineering BS//1985/Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION Professional Civil Engineer – WV, OH, OR, VA Registered Professional Surveyor - WV	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Holbert joined Burgess & Niple in 1985 and is Director of B&N's Parkersburg office. His experience includes serving as project management on Indefinite Delivery/Indefinite Quantity contracts for U.S. Army Corps of Engineers, U.S. Forest Service, West Virginia National Guard and West Virginia Department of Transportation. Mr. Holbert provided engineering and project management services for a various projects including flood insurance studies throughout West Virginia, hydraulic studies, utility improvements, highway and bridge designs, storm sewer evaluations and construction services.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>	
		PROFESSIONAL SERVICES	CONSTRUCTION
a.	Marlinton Local Protection Project Huntington District Corps of Engineers	Current	N/A
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager for the design of a series of levees, floodwall structures and gate closures to provide flood protection for the City of Marlinton and community of Riverside, West Virginia. Tasks include Design Documentation Report; design of a series of levees, floodwall structures and gate closures; development of a hydraulic model; and geotechnical evaluation.		
b.	WV10 Relocation; West Virginia Department of Transportation; Beckley, West Virginia	Current	2011
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager for a study, design and construction plans for a 2.8-mile four-lane highway. Construction cost is estimated at \$70,000,000 and includes four bridges, multiple retaining walls, geotechnical evaluation, major drainage, FEMA hydraulic flood modeling, environmental permitting and right-of-way plan preparation.		
c.	ID-IQ Contract, USDA Forest Service Elkins, West Virginia	2004	On-going
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager for the study and design of various improvements within the Monongahela National Forest Big Bend Campground Facility including roadway, parking and drainage improvements, water distribution, sanitary collection and treatment, campground improvements, and bathroom and shower facilities. Construction is over multiple years to meet budgetary constraints.		
d.	Indefinite Delivery-Indefinite Quantity Contract U.S. Army Corps of Engineers, Huntington District		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager/project engineer for seven ID/IQ contracts, B&N has held with the Huntington District, Corps of Engineers.		
e.	Indefinite Delivery-Indefinite Quantity Contracts West Virginia Department of Transportation		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Since 1992, B&N has held six ID/IQ contracts with WVDOT, four for engineering services and two for architectural services. Mr. Holbert has served as Project Manager on 135 WVDOT projects with a fee of \$8.5M.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Robert A. Draper, Jr. AIA	13. ROLE IN THIS CONTRACT Quality Assurance / Quality Control	14. YEARS EXPERIENCE a. TOTAL 32 b. CURRENT FIRM 28	
15. FIRM NAME AND LOCATION Burgess & Niple, Inc., Cincinnati, Ohio	16. EDUCATION BArch/1978/Architecture	17. CURRENT PROFESSIONAL REGISTRATION Registered Architect – OH, VA, KY, AZ, MD, MO, NC NCARB – Nationwide Application	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Draper is B&N Director of Military Programs and provides Quality Assurance/Quality Control on numerous projects. He has been dedicated to military design work for the past 12 years and has worked on multiple projects in West Virginia. He has extensive military design, ID-IQ, design-build, and contract management experience. He has provided design services to every branch of the military. He has in-depth knowledge of military specification systems, CADD systems, and government life-cycle cost methods. He has directed many ID-IQs and in recent years he has served as Design Manager, QA/QC, Program Manager, Project Manager, and/or Contract Manager.

Examples include:

WV Air National Guard (2) ID-IQ	Wright Patterson AFB (2) ID-IQ	Fort Campbell (3) ID-IQ
U.S. Army Reserve ID-IQ	Air Force Materiel Command IDIQ	Ft. Knox ID -IQ
Virginia ANG ID-IQ	Wright Patterson AFB (4, as sub) ID-IQ	Langley AFB ~ MACC
Defense Supply Center (2) ID-IQ	USAESC Huntsville MATOC	USCG Atlantic ~ MATOC
Youngstown ARS (2) ID-IQ	USACE Louisville MATOC (2)	

19. RELEVANT PROJECTS

- Readiness Center, WV National Guard – \$9.2M**
- A-E Services ID-IQ ~ 130th AW, 167th AW**
- A-E Services ID-IQ, 88th CEG, WPAFB
- WPAFB Airman’s Dormitory – \$9.6M
- WPAFB Fire Crash Rescue Station – \$8.7M
- WPAFB Human Performance Wing Campus – \$200M
- Ft. Bragg 3rd Brigade BCT Complex – \$114M
- Ft. Benning Infrastructure UIS Design Build - \$67.4M
- Sohar Regional Airport – Masqat, Oman - \$150M
- Fish & Wildlife ID-IQ
- Ft. Knox Trainee Battalion Dining Facility – \$ 10M
- Ft. Knox IET Barracks Complex 1 – \$60M
- Langley AFB MACC Contract-Bayview Towers Renovation – \$18.7M
- Project Seahawk - Port Security/Intelligence Center, USCG/DHS – \$9.7M
- AT/FP: new gates/retrofit DFAS&DLA Bldgs. DSCC
- Ft. Knox: ten (10) ID-IQ task orders
- Ft. Campbell: eleven (11) ID-IQ tasks
- Camp Atterbury Battle Simulation Center
- AFMC: Installation Infrastructure Evaluations: (13 installations)
- DSCC: Installation Design Guidelines Development; Land Use Plan; Landscaping Master Plan
- Ft. Gordon – Renovation of 2 HQs, 2 barracks – \$27M
- Ft. Jackson – Consolidated Drill Sgt. School - \$21M

Mr. Draper is a primary participant/manager on the recently awarded 5-year (2010-2015) ID/IQ and for the 2004-2009 ID/IQ contract with the WV National Guard. He personally led the 130st AW Master Plan update and was directly involved in several of the task orders. He has been Principal-in-Charge of B&N’s prior ID-IQs with Wright Patterson AFB (2 as prime and as a subconsultant on multiple teams). His familiarity with ID-IQs, WPAFB site(s) and its personnel make him B&N’s ideal choice to serve as Principal-in-Charge for this program.

Facility experience includes barracks, family housing, schools, dining facilities, COFs, Brigade and Battalion HQ buildings, training centers, administration buildings, conference centers, access control gates, security centers and SCIFs, master plans, warehouses, vehicle maintenance facilities, arms vaults, simulation centers, parking facilities, airfield facilities and site improvements.

Recent Training Includes: ASCE – Defensive Design Techniques; VSPE– AT/FP for Facility Design, SAME – Diverse Application of Structural Blast Mitigation in Steel; SAME – Design Approach for Resisting Progressive Collapse ; SAME – Installation Sustainability Programs; SAME – Sustainable Facilities and Operations.

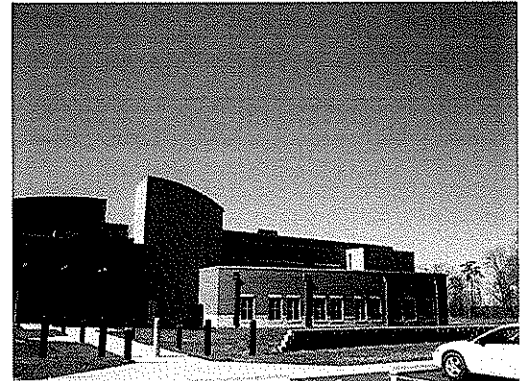
Mr. Draper has provided professional architectural design services for the past 32 years in the capacity of Design Manager, QA/QC, Program Manager, Project Manager, and/or Contract Manager on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Draper's military design experience for relevant facility types is shown below.

- WV Army National Guard, Williamstown Readiness Center, Williamstown, West Virginia
- Ft. Benning Training Support Brigade Complex Phase 2 and Unit Maintenance Activity
- Wright Patterson Air Force Base Fire/Crash Rescue Station
- Langley Air Force Base Bayview Towers Temporary Lodging Facility
- Ft. Bragg Brigade Combat Team Complex
- Human Performance Wing, Wright Patterson Air Force Base
- Ft. Knox Dining Battalion Complex
- Camp LeJeune Reserve Training Center



Specialized Experience

Mr. Draper has thorough knowledge and can apply the following specialized experience to make this contract a success.

- 280 Design and Master Planning projects
- 41 Design-Build projects
- 10 BIM projects
- Successful implementation of AT/FP requirements
- AutoCAD and MicroStation experience
- M-CACES experience
- Design charrette experience
- 12 SPIRIT/LEED® sustainable design projects:
 - LEED® evaluation and the certification process
 - Energy and Water efficiency
 - Use of recovered and recycled materials
 - Reduction of toxic or harmful substances
 - Efficiency in resource and materials
 - Waste Reduction
 - Development of healthy and safe work environments
 - Employs LEED® evaluation methods
- In-depth knowledge of UFGS and SpecsIntact




E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Joseph Brink, AIA, LEED® AP	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. CURRENT FIRM 10
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, Ohio	16. EDUCATION BArch/1991/Architecture MBA/1993/Architecture	17. CURRENT PROFESSIONAL REGISTRATION Architect – OH, CA, IL NCARB LEED® AP 2006	

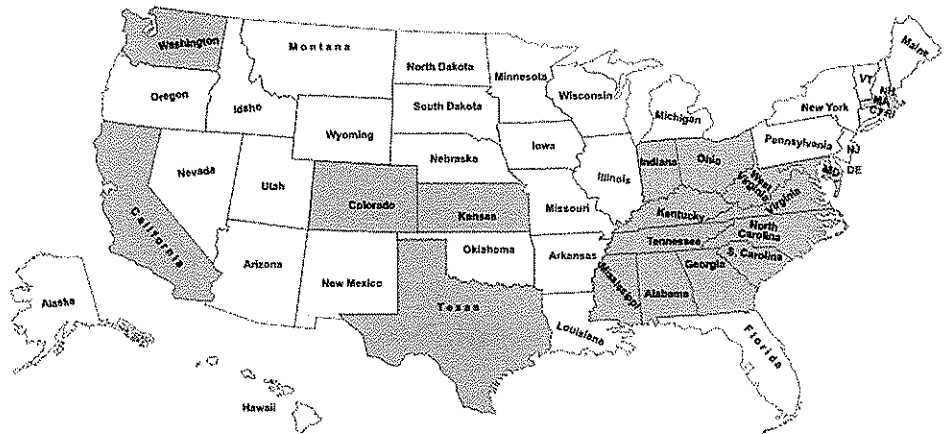
18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Brink has been dedicated to military design work for the past 8 years. Mr. Brink has excellent management and communication skills, which serve him well in dealing with clients, contractors, and his own design teams. His project experience includes serving as **Project Manager**, Independent Technical Review Leader, and Sustainable Design Leader LEED® for a variety of project types such as ID-IQ and Design-Build. His design experience includes: **training centers, vehicle maintenance facilities, Battalion headquarters, administrative/office facilities, dormitories, barracks, dining facilities, SCIF, a port security and intelligence center, research laboratories, master plans, programming studies, hospitals, an Army SIMNET battle center, library, conference center, child development center, storage and warehouse, and family housing.**

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
		PROFESSIONAL SERVICES	CONSTRUCTION	
a.	A-E Services ID-IQ, 88th CEG, WPAFB, Ohio	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Master planning • Renovations • Award Winning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Program Manager/Client Liaison/Contract Manager/QA for two ID-IQ contracts for multidisciplinary A-E services and Project Manager for many of the task orders including building renovations, conversions and additions. It also included three master planning efforts. Specific facilities and tasks included SCIF, steam lines, dormitory renovations, and utility upgrades. The Master Plan for the Air Force Institute of Technology, a multiple building, 500,000-SF complex, received a Merit Award for planning. This contract included MILCON and SRM project programming for implementation including 1391 forms, and concept design for Phase I buildings.			
b.	ID-IQ for A-E Services, WVANG (130th AW & 167th AW), West Virginia	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Airfield Infrastructure • Master planning • Renovations
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Program Manager/Client Liaison/Contract Manager/ QA and Task Order Project Manager for a 5 yr ID-IQ. Task orders included 130 th AW Master Plan update and the Building 109 engine shop renovation for the 130 th . Assisted with completion of the C-5 airfield infrastructure upgrade (167 th), the aerospace dining facility renovation (130 th) and the conversion of the ASE hangar for office, maintenance and warehouse space (167 th).			
c.	Enlisted Airman's Dormitory, Wright Patterson Air Force Base, Ohio	2006	2006	 <ul style="list-style-type: none"> • Award Winning Lodging Facility • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Design Project Manager for the new \$9.6M 39,000 SF 108 person unaccompanied enlisted personnel Airman's Dormitory. One of the first dormitories to apply the new Air Force dormitory guide. The dormitory received an AFMC 2006 Merit Award for Concept Design and 2007 Merit Award for Facility Design and a U.S. Air Force 2008 Citation Award for Facility Design.			
d.	Fire/Crash Rescue Station, Wright-Patterson Air Force Base, Ohio	2005	2006	<ul style="list-style-type: none"> • Training Center • HQ/Administration • Lodging • Civil/Site Design • Paving • Award Winning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Design Project Manager for new \$8.7M, 38,000-SF facility which included provisions for 14 apparatus serving both the flight line and land structures. This facility upgrade was required to allow WPAFB to operate C-5 aircraft. This project received a 2006 Honor Award for Conceptual Design and a 2007 Honor Award for Facility Design from AFMC.			
e.	Brigade Combat Team Complex, Increment 2 - Dining Facility (DFAC), Ft. Lewis, WA	2008	2009	<ul style="list-style-type: none"> • Dining Facility • HQ/Administration • COF with Readiness Module • Civil/Site Design • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager for \$118M, 215,000SF BCT complex. The new nine-building project (2 TEMFs, 2 COFs, 3 Battalion and 1 Brigade HQ's) required design management of multiple design firms, as well as project management of the \$12M, 26,000-sf Dining Facility.			

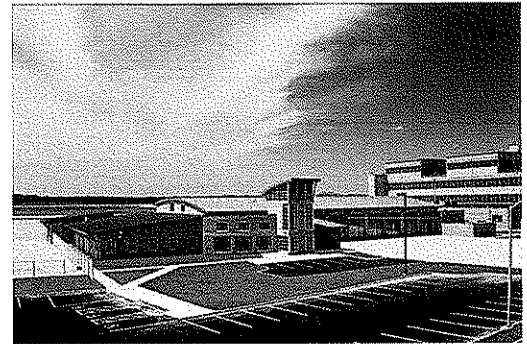
Mr. Brink has provided professional architectural design services for the past 10 years in the capacity of Program Manager / Client Liaison / Contract Manager/ QA and Task Order Project Manager for ID-IQ programs and Design Project Manager or Lead Architect on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Brink’s military design experience for relevant facility types is shown below.

- Ft. Lewis Brigade Combat Team Complex, Increment 2-Dining Facility
- Ft. Training Support Brigade Complex Phase 2 and Unit Maintenance Activity
- Westover Air Force Base Operations Building
- Andrews Air Force Base AAFES Office Renovation
- Camp LeJeune Reserve Training Center
- Ft. Bragg Brigade Combat Team Complex
- T.H. Morrow Army Reserve Center Facilities Repair/Renewal
- Wright Patterson Air Force Base Fire/Crash Rescue Station
- USCG Project Seahawk: Harbor Operations Center
- USCG Wallops Island Housing
- WVANG Readiness & Training Center



Specialized Experience

Mr. Brink has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 44 Design and Master Planning projects
- 29 Design-Build projects
- 4 BIM projects
- Successful implementation of AT/FP requirements
- AutoCAD and MicroStation experience
- M-CACES experience
- Design charrette experience
- 10 SPiRiT/LEED® sustainable design projects:
 - LEED® evaluation and the certification process
 - Energy and Water efficiency
 - Use of recovered and recycled materials
 - Reduction of toxic or harmful substances
 - Efficiency in resource and materials
 - Development of healthy and safe work environments
 - Employed LEED® evaluation methods
- In-depth knowledge of UFGS and Specsintact



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Victor G. Camm, AIA, Associate	13. ROLE IN THIS CONTRACT Architect	14. YEARS EXPERIENCE	
		a. TOTAL 34	b. CURRENT FIRM 29
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, Ohio	16. EDUCATION BArch/1977/Architecture	17. CURRENT PROFESSIONAL REGISTRATION Architect – WV, OH, KY, IN NCARB # 27659	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Camm joined Burgess & Niple in 1982 and is an architectural project manager. He is experienced as a project architect or project manager for municipal, educational, office, industrial, military, senior housing (HUD), as well as master planning. His experience ranges from programming and schematic design through design, bidding, and services during construction. Representative projects include renovations, additions, and new facilities. His facility type experience includes: **readiness centers, training centers, maintenance facilities, headquarters, dormitories, administration offices, educational facilities, wastewater treatment plants, data centers, and office buildings.**

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
		PROFESSIONAL SERVICES	CONSTRUCTION	
a.	Tri River Transit Administrative Offices & Maintenance Facility, Hamlin, West Virginia (WDOT, Division of Public Transit)	2009	2010	<ul style="list-style-type: none"> • Maintenance Facility • Administrative Offices
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager and Project Architect for a new \$2.2M 13,362-sf facility to house storage and maintenance of up to 16 transit buses, as well as administrative offices including conference and training spaces. The administrative wing is brick veneer and EFIS facade with standing seam metal roof. The vehicle storage and maintenance wing is a pre-engineered metal building.			
b.	WV ARNG, Williamstown Readiness Center, West Virginia	2002	2005	 <ul style="list-style-type: none"> • Readiness Center • Training Facility • HQ/Administration • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project team member (QA/QC) and overseeing architect the design of the \$9.2 million, 2 story, 50,000-sf Army National Guard Training Center. This is a joint use military/community center. The training center, a two-story structure houses both public uses and military uses on the first floor and military office-administration areas on the second floor. The project features two segregated maintenance areas, one for maintaining military vehicles dispatched for missions and one for maintaining airfield support ground equipment. The facility also has training rooms, a distance learning center, and drill hall. AT/FP, security, and access control were also elements of the design.			
c.	Floyd County Alternative School, Martin, Kentucky USACOE Huntington District	2008	2012 (E)	 <ul style="list-style-type: none"> • Training Facility
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager for the design for the new Opportunities Unlimited, Floyd County's Alternative Learning School. The new \$6M facility consists of 22,000 net assignable square feet. The building is divided into two sections, one of which is semi-public and the other which is public. A common entry divides the two and can restrict access to one section or the other.			
d.	Office Addition & Renovation, Metropolitan Sewer District of Greater Cincinnati, Wastewater Collection Division, Cincinnati, Ohio	2006	2008	<ul style="list-style-type: none"> • HQ/Administration • Call Center • Training Facility • Green Vegetative Roof
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager and provided Construction Phase Services for the \$2.5M, 12,600-sf, three-story addition, which included a storm water emergency call center and dispatch, training rooms, and office space. A green vegetative roof was incorporated into the project.			
e.	Addition and Renovation to Dining Facility, Bldg 141, 130th Air Wing, Charleston, WV	2003	2004	<ul style="list-style-type: none"> • Dining Facility
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Manager of \$1M 1,600 SF addition of four structural bays and the renovation of the original dining room and scullery. The scullery was relocated next to the kitchen and outfitted with new equipment. By relocating the scullery and removing the existing walls that enclosed the cafeteria serving lines, the serving area was enlarged to provide more efficient operation.			

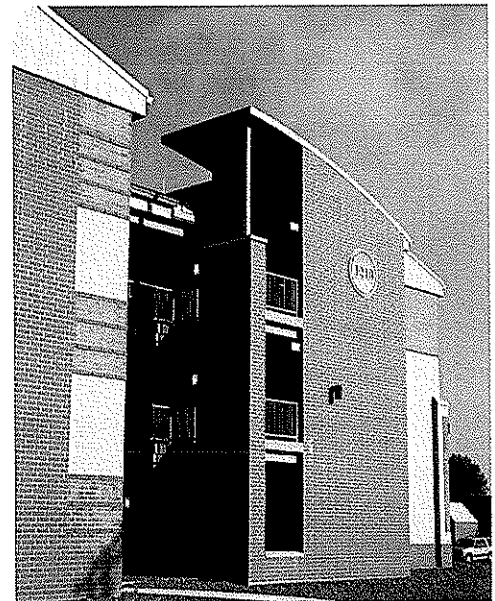
Mr. Camm has provided professional architectural design services for the past 29 years in the capacity of Project Manager or Project Architect on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Camm's military design experience for relevant facility types is shown below.

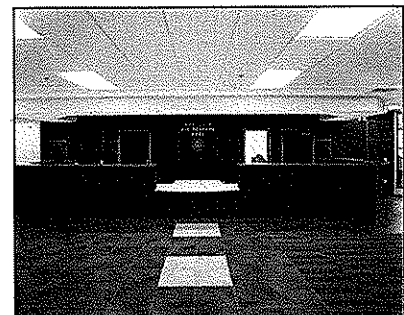
- Enlisted Airman's Dormitory Wright Patterson Air Force Base
- Life Support Facility Addition and Renovations, Youngstown Air Reserve Station, Youngstown, Ohio
- Vehicle Wash Rack, Youngstown Air Reserve Station, Youngstown, Ohio
- Squadron Operations Parking Area, Youngstown Air Reserve Station, Youngstown, Ohio
- Squadron Operations Headquarters Addition and Renovations, Youngstown Air Reserve Station, Youngstown Ohio
- Aircraft Maintenance Hangar Renovations, Youngstown Air Reserve Station, Youngstown, Ohio
- Enlisted Personnel Dormitory Exterior Renovations, Wright-Patterson Air Force Base, Dayton, Ohio
- Defense Courier Station Addition and Renovations, Wright-Patterson Air Force Base, Dayton, Ohio
- Northern Division Naval Facilities, Navy and Marine Corps Reserve Addition, Cincinnati, Ohio



Specialized Experience

Mr. Camm has thorough knowledge and can apply the following specialized experience to make this contract a success.

- 346 Design and Master Planning projects
- 18 Design-Build projects
- Successful implementation of AT/FP requirements
- Design charrette experience
- 2 SPiRiT/LEED® sustainable design projects
- In-depth knowledge of UFGS and SpecsIntact



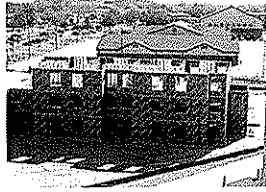
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME William Hueber, RA	13. ROLE IN THIS CONTRACT Architect	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. CURRENT FIRM 18
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, Ohio	16. EDUCATION BS/1981/Architecture BS/1981/Environmental Design	17. CURRENT PROFESSIONAL REGISTRATION Architect – OH, IN NCARB #34917	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Hueber has been dedicated to military design work for the past 7 years. He has architectural experience executing ID-IQ and multiphase projects; Programming and planning experience; ADA requirement experience; DoD experience; Military design experience; Air & Army NG experience; Renovation, repair, rehabilitation experience. He has participated in all major military assignments. Facility experience includes **headquarters, barracks, family housing, company operations, dining facilities, administration/office buildings**, unit storage & warehouse, chapel, fitness center, medical, library, conference center, access control, security facility, master planning and airfield vehicle support. Many of his projects had to deal with ACM and LBP.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
		PROFESSIONAL SERVICES	CONSTRUCTION	
a.	A-E Services ID-IQ, 88th CEG, WPAFB, Ohio	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Housing/Lodging • Renovations • Master Planning • HQ Design Award
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Architect for design, construction drawings and specifications, and construction administration on the exterior renovation of a four 3-story, 20,000-SF dormitories for enlisted personnel including new metal roofing, EIFS balcony railings, and new entry canopies. Additional project involvement included NASIC Space Utilization Study, Whole Dorm Repair, and AFRL/HE Master Plan and DD1391 Study.			
b.	Whole Barracks and Company Operations Facility Renewal, Ft. Bragg, NC	2009	2010 (E)	 <ul style="list-style-type: none"> • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Architect responsible for the 111,744 SF 288 Barracks building which was a six story barracks building that houses 288 individual soldiers. This \$89.6M project consisted of a complex of buildings on two separate sites which include: two (2) separate (4-company each) Company Operations/Readiness Facilities, two (2) UEPH facilities for 222 personnel each, one (1) UEPH facility for 288 personnel, and the related civil, and infrastructure improvements associated with each building site.			
c.	Brigade Combat Team Complex, Increment 2 - Dining Facility (DFAC), Ft. Lewis, WA	2008	2009	<ul style="list-style-type: none"> • Dining Facility • Civil/Site Design • Paving • AT/FP • Award Winning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Independent Technical Reviewer responsible for architectural project specific compliance for a \$14.6M 26,500 SF dining facility designed for a capacity of 1,300 per meal and has a 624 seat dining room.			
d.	Fire/Crash Rescue Station, Wright Patterson Air Force Base, Ohio	2005	2006	<ul style="list-style-type: none"> • Training Center • HQ/Administration • Lodging • Civil/Site Design • Paving • Award Winning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project Architect for the new design-build \$8.7M, 38,000-SF facility which included provisions for 14 apparatus serving both the flight line and land structures. This facility upgrade was required to allow WPAFB to operate C-5 aircraft. The Fire/Crash Rescue Station received a 2006 Honor Award for Conceptual Design and a 2007 Honor Award for Facility Design from the AFMC.			
e.	WVARNG Readiness Center, Williamstown, WV	2002	2005	<ul style="list-style-type: none"> • Readiness Center • Training Facility • HQ/Administration • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Project architect for the design of the \$9.2 million, 2 story, 50,000-sf Army National Guard Training Center. This is a joint use military/community center. The training center, a two-story structure houses both public uses and military uses on the first floor and military office-administration areas on the second floor. The project features two segregated maintenance areas, one for maintaining military vehicles dispatched for missions and one for maintaining airfield support ground equipment. The facility also has training rooms, a distance learning center, and drill hall. AT/FP, security, and access control were also elements of the design.			

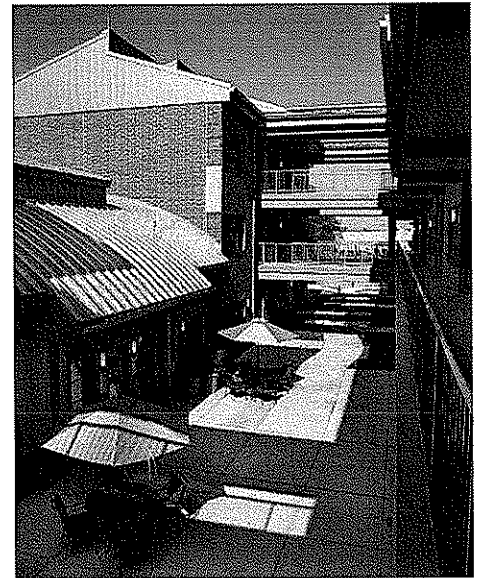
Mr. Hueber has provided professional architectural design services for the past 18 years in the capacity of Architectural Design Manager or Lead Architect on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Hueber’s military design experience for relevant facility types is shown below.

- Ft. Lewis Brigade Combat Team Complex, Increment 2 - Dining Facility (DFAC)
- Ft. Lewis Stryker Barracks
- Ft. Benning Training Support Brigade Complex Phase 2 and Tactical Equipment Maintenance Facility
- Enlisted Airman’s Dormitory, Wright Patterson Air Force Base
- Ft. Stewart 5th Infantry Brigade Combat Team Barracks
- Consolidated Toxicology Laboratory, Wright Patterson Air Force Base
- Ft. Bragg Whole Barracks and Company Operation Facility Renewal
- Ft. Pickett Nuclear, Biological & Chemical Readiness Building
- Human Performance Wing, Wright Patterson Air Force Base
- Fire/Crash Rescue Station, Wright Patterson Air Force Base
- Ft. Jackson Consolidated Drill Sergeant School and Dining Facility Complex
- USCG Rebuild Station Gulfport, MS
- WVANG Readiness & Training Center



Specialized Experience

Mr. Hueber has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 118 Design and Master Planning projects
- 50 Design-Build projects
- 3 BIM projects
- Successful implementation of AT/FP requirements
- AutoCAD and MicroStation experience
- 23 SPiRiT/LEED® sustainable design projects:
 - LEED® evaluation and the certification process
 - Energy and Water efficiency
 - Use of recovered and recycled materials
 - Reduction of toxic or harmful substances
 - Efficiency in resource and materials
 - Employs LEED® evaluation methods
- In-depth knowledge of UFGS and SpecsIntact




E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Elizabeth Rojas, NCIDQ, LEED® AP	13. ROLE IN THIS CONTRACT Interior Design	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. CURRENT FIRM 3
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, Ohio	16. EDUCATION BS/1997/Interior Design	17. CURRENT PROFESSIONAL REGISTRATION National Council for Interior Design Qualification (NCIIDQ), OH/2009 LEED® Accredited Professional, 2004	

18. OTHER PROFESSIONAL QUALIFICATIONS

Ms. Rojas is a Leadership in Energy and Environmental Design (LEED®) Accredited Professional with a strong architectural background and focus on sustainability. She has 13 years experience with military, educational, corporate, governmental, and retail projects. Her experience includes design, project management, construction documentation, construction administration as well as selection and specification of color, material, and furniture. She has experience in all of the following facility types: **Training Centers, Tactical Equipment Maintenance Facilities/Vehicle Maintenance Shops, Headquarters/Administration Facilities, Barracks, Company Operations Facilities, Dining Facilities, Unit Storage Facilities and Warehouses, General Purpose Administrative Buildings, Child Development Centers, Simulation Centers, Medical Facilities, and Conference Centers.**

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
		PROFESSIONAL SERVICES	CONSTRUCTION	
a.	Ft. Lewis Brigade Combat Team Complex, Increment 2 – Dining Facility (DFAC), Ft. Lewis, WA	2008	2009	
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Lead Interior Designer for a \$14.6M 26,500 SF dining facility with primary features including a 624-seat dining room with a dramatic curved skylight, and a commercial food preparation kitchen, which provided 3,900 meals per day, served in three shifts. The EPDF was designed to meet LEED® silver status, and employ numerous energy saving and sustainable design features.			
b.	Training Support Brigade Complex, Vehicle Maintenance Instructional Facility, Fort Benning, GA	2009	2010 (E)	<ul style="list-style-type: none"> • Training Center • Civil/Site Design • Paving • Environmental
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Interior Project Manager and Independent Technical Reviewer responsible for the VMIF (150,000 SF) interior selections for this \$75M complex also includes two Tactical Equipment Maintenance Facilities (TEMF) (78,378 SF/61,639 SF) complex as a single construction site with two distinct projects and three functions. This project was designed to achieve LEED® Silver rating, including 30% energy savings.			
c.	Consolidated Drill Sergeant School Complex (school + dining facility + training area), Ft. Jackson, SC	2008	2010 (E)	<ul style="list-style-type: none"> • HQ/Administration • Training Center • Dining Facility • Civil/Site Design • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Interior Designer responsible for space planning, furniture layout, and overseeing the interior material selection interior design, furniture selection, and construction documents of these two buildings from conceptual design to construction documents. The project consisted of a new \$17.2M Consolidated Drill Sergeant School Complex consisting of a 59,960 SF Headquarters Administration and Classroom facility; 18,000 SF Dining Facility, 400m running track, and 588 parking spaces.			
d.	General Instruction Building (GIB), SOF Aviation Battalion Education Complex, Fort Lewis, WA	2009	In Progress	<ul style="list-style-type: none"> • Training Center • Administration • Civil/Site Design • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Interior Project Manager and Independent Technical Reviewer responsible for space planning, internal finish selections, and client approval for \$12.3 million, 31,000 SF facility is a General Instruction Building (GIB) that provides soldier training for special operations combat forces. The Education Center is a two story steel framed facility with light gauge steel trusses forming the gable roof.			
e.	Enlisted Airman's Dormitory, Wright Patterson Air Force Base, Ohio	2006	2006	<ul style="list-style-type: none"> • Housing/Lodging • AT/FP • Award Winning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Lead Interior Designer responsible for furniture, fixture and equipment selection as well as final interior selection of the new \$9.6M, 39,000-SF, three-story, 108-bed dormitory. This project incorporated the first of its kind progressive collapse avoidance design of a masonry structure at WPAFB. AFMC Design Merit Award.			

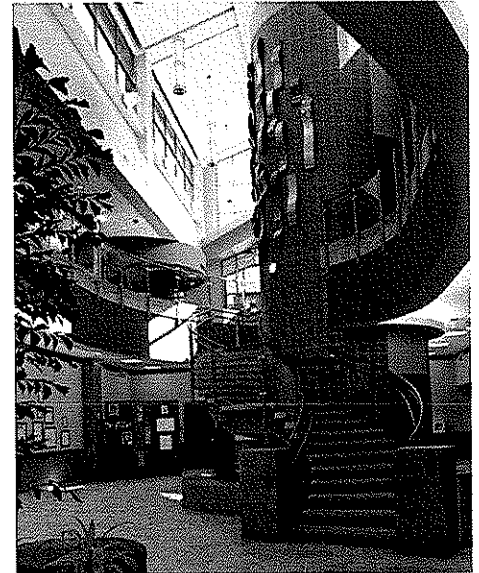
Ms. Rojas has provided professional interior design services for the past 13 years in the capacity of Interior Project Manager, Independent Technical Reviewer, and Lead Interior Designer on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Ms. Rojas' military interior design experience for relevant facility types is shown below.

- Ft. Carson Dining Facility
- Ft. Bragg Whole Barracks and Company Operation Facility Renewal
- Ft. Lewis General Instruction Building (GIB), SOF Aviation Battalion Education Complex
- P235 Navy Administration Facility
- MPA Flight Training Systems Building (Simulator), USGC Aviation Training Center, Mobile, AL
- Ft. Bragg 192nd EOD Company Operations Facility
- Pope Air Force Base Airmen's Center Renovation
- Enlisted Airman's Dormitory, Wright Patterson Air Force Base
- Ft. Riley Company Operation Facility



Specialized Experience

Ms. Rojas as Interior Designer with B&N has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 14 Design and Master Planning projects
- 30 Design-Build projects
- 3 BIM projects
- AutoCAD and MicroStation experience
- M-CACES experience
- Design charrette experience
- Sustainable Design experience includes:
 - LEED® evaluation and the certification process
 - Use of recovered and recycled materials
 - Efficiency in resource and materials
 - Development of healthy and safe work environments




E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Vince Amato, PE	13. ROLE IN THIS CONTRACT Geotechnical Engineer Checker	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. CURRENT FIRM 24
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Columbus, OH	16. EDUCATION MS/1986/Civil Engineering; BS/1984/Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION Professional Engineer – OH, KY, WV, FL, IN, MO	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Amato conducts/supervises geotechnical investigations and foundation design for all major projects in the B&N Military Program as well as for public works projects including buildings, bridges, tanks, and dams. He is an expert with both deep and shallow foundation design. He has completed 10-story office buildings; 1,200-foot bridges; 20-mile highway upgrade projects; 108" power lines; and dams, reservoirs, and levees. He has military ID-IQ and D/B experience. Facility type experience includes: barracks; company operations; Brigade HQ; Battalion HQ; dining; arms vaults; storage; laundry; schools; warehouse; vehicle maintenance; training center; simulation center; tactical facilities; maneuver facilities; chapels, fitness centers; admin/office buildings; child development centers; medical; family housing; libraries; conference centers; deployable facilities; access control/gate; security facilities; master planning; specialized & mission specific facilities; tactical facilities; POL storage, and airfield vehicle support.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED		COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>	
		PROFESSIONAL SERVICES	CONSTRUCTION		
a.	Training Support Brigade Complex Phase 2 and Unit Maintenance Activity, Ft. Benning, Georgia	2009	2010 (E)	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> • Training Facility • Administration • Civil/Site Design • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Geotechnical Engineer responsible for geotechnical investigation/site analysis for the \$75M Vehicle Maintenance Instruction Facility (137,887 SF) and two (78,378 SF/61,639 SF) Tactical Equipment Maintenance Facilities complex as a single construction site with two distinct projects and three functions. Electrical quality assurance engineer in all design phases.				
b.	WVNG IDIQ and WVARNG Readiness Center/Mid Ohio Valley Airport IDIQ, Williamsburg, WV	Ongoing	2005	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> • ID-IQ • Readiness Training Center
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Geotechnical engineer over a 10-year period (mid-Ohio) for a variety of airfield improvements on a co-located civilian airfield and ANG facility. Numerous roadway, runway and taxiway projects; slope stabilization; out-buildings; etc. Geotechnical engineering under 5 year WVNG IDIQ for various projects including C-5 infrastructure upgrades for the 167AW including roads, parking, tug path, and tarmac improvements. Geotechnical design for \$9.2M Readiness Training Center (2 buildings – 48,486 SF).				
c.	Enlisted Airman's Dormitory, Wright Patterson Air Force Base, Ohio	2006	2006	<input checked="" type="checkbox"/>	 <ul style="list-style-type: none"> • Award Winning Lodging Facility • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Mr. Amato provided geotechnical investigation and foundation design this USACE Louisville design-build project for a new \$9.6M 39,000 SF three-story, 120 person dormitory. The complex included living facilities, community rooms, laundry, and offices. This project received a Merit Award for Conceptual Design from the User Command.				
d.	Fire/Crash Rescue Station, Wright-Patterson Air Force Base, Ohio	2005	2006	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> • Training Center • HQ/Administration • Lodging • Civil/Site Design • Paving • Award Winning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Geotechnical engineering & foundation design for new design-build \$8.7M, 38,000-SF facility which included provisions for 14 apparatus serving both the flight line and land structures which was upgraded to allow WPAFB to operate C-5 aircraft. This project received a 2006 Honor Award for Conceptual Design and a 2007 Honor Award for Facility Design from the AFMC.				
e.	P235 Navy Administration Facility, Naval Station Norfolk, Norfolk, Virginia	2008	2008	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> • HQ/Administration • Civil/Site Design • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Geotechnical Engineer responsible for geotechnical engineering services, including field and laboratory testing, and deep foundation analysis for a new multi-story, design-build 84,240 SF, \$21.5-million NWDC administrative facility. This facility will simulate and analyze military operations and distribute results to other naval branches.				

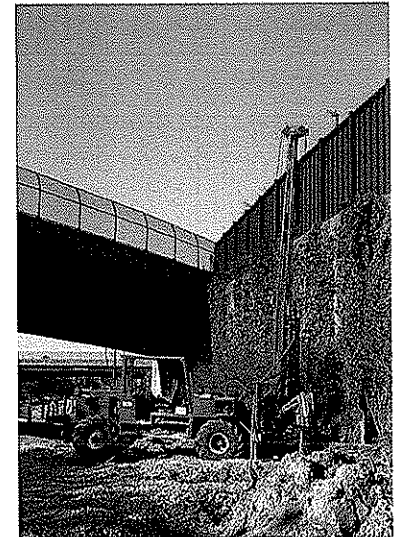
Mr. Amato has provided professional geotechnical engineering services for the past 24 years in the capacity of Geotechnical Engineer for ID-IQ programs on conus projects. Please see adjacent map



Military and Relevant Facility Experience

Mr. Amato’s military design experience for relevant facility types is shown below.

- Ft. Riley Company Operation Facility
- Ft. Benning Training Support Brigade Complex Phase 2 and Unit Maintenance Activity
- Ft. Campbell Brigade Combat Team Barracks Complex
- Ft. Benning Infrastructure UIS
- Ft. Bragg Brigade Combat Team Complex
- Ft. Bragg Unaccompanied Enlisted Personnel Housing
- Ft. Stewart 5th Infantry Brigade Combat Team Barracks Complex
- Ft. Bragg Whole Barracks and Company Operation Facility Renewal
- Fire/Crash Rescue Station, Wright Patterson Air Force Base
- Enlisted Airman’s Dormitory, Wright Patterson Air Force Base
- P235 Navy Administration Facility
- USCG Rebuild Station Gulfport



Specialized Experience

Mr. Amato has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 710 Design and Master Planning projects
- 17 Design-Build projects
- Sustainable Design experience:
 - Use of recovered and recycled materials
 - Waste reduction
- Dewatering evaluation and plans
- Drilling
- Erosion and landslide control facilities
- Foundation investigations
- Geophysical analyses
- Landfill design and permitting
- Landslide, slip and seepage evaluation
- Remediation design for earthen structures
- Risk assessment
- Site remediation
- Slope stability
- Solid and hazardous waste management
- Subsidence control
- Subsurface investigations for foundation design




E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Steve Staats, RLA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. CURRENT FIRM 26
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, Ohio	16. EDUCATION BS/1981/Landscape Architecture	17. CURRENT PROFESSIONAL REGISTRATION Registered Landscape Architect – VA, OH, WV USCLARB #477	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Staats' 29 years of design experience includes the preparation of master plans, graphic presentations, detailed plans, specifications, cost estimates, and construction services for military facilities, recreational parks, commercial developments, highway beautification, educational facilities, and downtown beautification. Mr. Staats is the primary Landscape Architect for the B&N Military projects. His design experience includes: **training centers, vehicle maintenance facilities, Battalion headquarters, administrative/office facilities, dormitories, barracks, dining facilities**, a port security and intelligence center, research laboratories, master plans, programming studies, library, child development center, storage and warehouse, and family housing.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
		PROFESSIONAL SERVICES	CONSTRUCTION	
a.	A-E Services ID-IQ, 88th CEG, WPAFB, Ohio	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Master Planning • Housing/Lodging • Award Winning
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Landscape Architect responsible for the design the interior courtyard and gazebo area for the award-winning renovation of four enlisted airmen dormitories. Project received a HQUSAF Concept Design Award.				
b.	ID-IQ for A-E Services, WVANG (130th AW & 167th AW), West Virginia	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Airfield Infrastructure • Master planning • Renovations
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Landscape Architect responsible for assisting in the C-5 Final Infrastructure Upgrade design of roadway upgrades, new aircraft tug path, building signage, roadway lighting, and parking lot improvements for aircraft hangars. Also responsible for administrating construction observation services.				
c.	Enlisted Airman's Dormitory, Wright Patterson Air Force Base, Ohio	2006	2006	
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Landscape Architect responsible for Planting and walkway design for the parking lots, walkways, and courtyard at two new dormitory facilities. This project was a \$9.6M 39,000 SF project to provide accommodations for a new 108 person unaccompanied enlisted personnel Airman's Dormitory. AFMC Design Merit Award.				
d.	3rd Brigade, Brigade Combat Team Complex, Ft. Bragg, North Carolina	2005	2006	<ul style="list-style-type: none"> • Dining Facility • HQ/Administration • Housing/Lodging • Warehouses • Civil/Site Design • AT/FP
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Landscape Architect responsible for providing landscape architecture planning & design, and also site planning support for the \$114M, 152 building, 100-acre Army complex which included site master plan. Site complicated by extensive wetlands. Project consisted of 30 company operations facilities, 1 brigade headquarters, 6 battalion headquarters, 64 barracks (1512 soldiers), 7 brigade and battalion storage buildings, 1 dining hall, 30 arms vaults and other facilities, 6 COMSEC vaults, 1 environmental communications hut, 4 bridges, and 7 storage & warehousing buildings.				
e.	WVANG Readiness and Training Center, Williamstown, WV	2002	2005	<ul style="list-style-type: none"> • Readiness Center • Training Facility • HQ/Administration • AT/FP
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Landscape Architect responsible for site design/development and construction observation for the \$9.2M, 2 story, 50,000 SF Army National Guard Training Center. This is a joint use military/community center. The training center, a two-story structure houses both public uses and military uses on the first floor and military office-administration areas on the second floor. The project features two segregated maintenance areas, one for maintaining military vehicles dispatched for missions and one for maintaining airfield support ground equipment. The facility also has training rooms, a distance learning center, and drill hall. AT/FP, security, and access control were also elements of the design.				

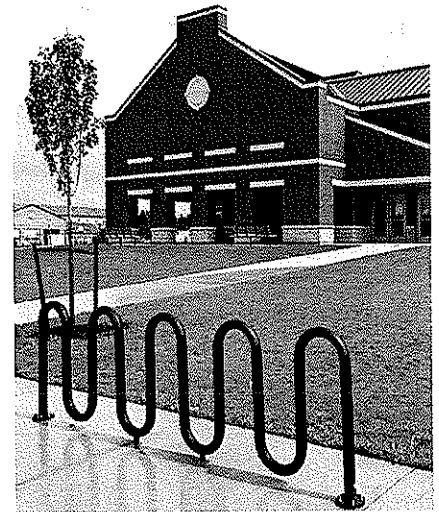
Mr. Staats has provided professional landscape architectural design services for the past 29 years in the capacity of Landscape Architect for ID-IQ programs on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Staats' military design experience for relevant facility types is shown below.

- Ft. Carson Dining Facility
- Ft. Benning Training Support Brigade Complex Phase 2 and Unit Maintenance Activity
- Ft. Lewis General Instruction Building (GIB), SOF Aviation Battalion Education Complex
- Ft. Lewis Brigade Combat Team Complex, Increment 2 Dining Facility
- Ft. Jackson Consolidated Drill Sergeant School and Dining Facility Complex
- Ft. Bragg Whole Barracks and Company Operation Facility Renewal
- P235 Navy Administration Facility
- Ft. Bragg 192nd EOD Company Operation Facility
- USCG Rebuild Station Gulfport
- WVANG Readiness & Training Center



Specialized Experience

Mr. Staats has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 382 Design and Master Planning projects
- 52 Design-Build projects
- 8 BIM projects
- Successful implementation of AT/FP requirements
- AutoCAD and MicroStation experience
- Design charrette experience
- 52 SPIRIT/LEED® sustainable design projects:
 - LEED® evaluation and the certification process
 - Energy and Water efficiency
 - Use of recovered and recycled materials
 - Water reduction
 - Reduction of toxic or harmful substances
 - Efficiency in resource and materials
 - Development of healthy and safe work environments
 - Employs LEED® evaluation methods
- In-depth knowledge of UFGS and SpecsIntact





E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME R. Michael Hinton, PE	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. CURRENT FIRM 23
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Parkersburg, WV	16. EDUCATION MS/1986/Civil Engineering BS/1984/Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION Professional Engineer – WV, OH	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Hinton joined Burgess & Niple in 1987 as a design engineer responsible for detailed design calculations, plan and specification preparation, and shop drawing review for reinforced concrete, steel, timber, and masonry structures. He has been involved in a wide variety of structural projects; his diverse engineering background includes architectural, industrial, commercial, environmental and transportation projects.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
		PROFESSIONAL SERVICES	CONSTRUCTION	
a.	Fort Bragg BCT Complex Ft. Bragg, North Carolina	2005	2006	
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Field structural engineer for this \$114-million, 152-building, 100-acre Army complex which consists of 63 barracks vaults; four bridges, seven storage & warehousing buildings. This complex was a <u>fast-track design-build project</u> that utilized modular manufacturing as means of delivering the required buildings on an aggressive, accelerated timeline.			
b.	West Virginia University Parkersburg Parkersburg, West Virginia	2003	2006	
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Designed special bracing tower structures to brace 3 story building built on expansive soils and experiencing vertical movements. Structural system was integrated with architectural improvements and provided dramatic enhancements. Many of my projects have had challenging soil conditions requiring special foundations here in West Virginia.			
c.	NATON-US Coast Guard Training Tower Virginia Beach, VA	2006	2007	
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Analysis of proposed structure and design of a new foundation for a 60-foot-high training tower at the Virginia Beach Coast Guard Facility. B&N partnered with Tesoro, Inc. as the General Contractor.			
d.	Ft. Sam Houston San Antonio, TX	2008	2009	
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Designed new Youth Activity Center prototype for military bases. Structure was tall precast walls with 80-foot steel trusses over gymnasium area; light gage trusses elsewhere with hip roofs. Site complications required a "waffle slab" design over select fill material to overcome potential swelling soil conditions from native clay materials.			
e.	(1) TITLE AND LOCATION	(2) YEAR COMPLETED	COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>	
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION	


E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Carroll Dalton, PE	13. ROLE IN THIS CONTRACT Mechanical Engineer Checker	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. CURRENT FIRM 23
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, Ohio	16. EDUCATION BS/1972/Mechanical Engineering	17. CURRENT PROFESSIONAL REGISTRATION Professional Engineer – OH, IN, KY, WV, VA	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Dalton has been dedicated to military design work for the past 12 years. He participates in all B&N military contracts and MILCON projects. He is the QA/QC manager for mechanical systems design. He is an expert in energy efficient HVAC systems including geothermal. He has ID-IQ experience at WPAFB, Ft. Knox, Ft. Campbell, DSCC, YARS, as well as regional and national MACCs. He has completed military assignments in 25 states. Facility type experience includes: **training center, vehicle maintenance, company operations facilities, Brigade and Battalion headquarters, administration/office buildings, barracks, family housing, dining facilities, arms vaults, warehouse, TEMF's, simulation center, tactical facilities, maneuver facilities, chapels, fitness centers, child development centers, medical, libraries, conference centers, deployable facilities, and security facilities.**

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
		PROFESSIONAL SERVICES	CONSTRUCTION	
a.	ID-IQ for A-E Services, WVANG (130th AW & 167th AW), West Virginia	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Dining Facility • Master Planning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Mechanical Engineer for the addition to the Aerospace Dining Facility and the installation-wide study regarding the need for backflow preventers to comply with latest plumbing code requirements. Evaluated water storage tank and pumping system for the Base. This system provided water for the maintenance and fuel cell hangars AFFF system.			
b.	A-E Services ID-IQ, 88th CEG, WPAFB, Ohio	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Housing/Lodging • Hangar Conversion
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Mechanical Engineer for the design of 12 task orders including HVAC upgrades, building renovations and expansions, backflow preventers (33 buildings), SCIF, fire station, enlisted dormitories (4), hangar conversion, security station, AFIT renovations, and media process facility. These projects have included replacement of 1,200-lf of above and below ground steam lines . Replacement and repair of HTHW was also included in the projects.			
c.	Ft. Lewis Brigade Combat Team Complex, Increment 2 – Dining Facility (DFAC), Ft. Lewis, WA	2008	2009	<ul style="list-style-type: none"> • Dining Facility • Civil/Site Design • Paving • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Mechanical Engineer responsible for independent technical review and design of a \$14.6M 26,500 SF dining facility. The mechanical system f(gas-fired roof top units and temper make-up air units) or this project was designed primarily for ventilation and heating comfort. Mechanical building cooling is not utilized at Ft. Lewis with the exception of spot cooling in electrical and Communications rooms.			
d.	Training Support Brigade Complex Phase 2 and Unit Maintenance Activity, Ft. Benning, Georgia	2009	2010 (E)	 <ul style="list-style-type: none"> • Training Facility • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Mechanical Engineer responsible for determining types of HVAC (boiler, chiller, VAV system with energy recovery) equipment and systems, plumbing and compressed air systems and calculations for the \$75M Vehicle Maintenance Instruction Facility (137,887 SF) and two (78,378 SF/61,639 SF) Tactical Equipment Maintenance Facilities complex as a single construction site with two distinct projects and three functions. Mr. Dalton was also Mechanical Quality Assurance Engineer in all design phases.			
e.	Bayview Towers Temporary Lodging Facility, Langley Air Force Base, Virginia	2006	2006	<ul style="list-style-type: none"> • Lodging • Civil/Site Design • Paving • Award Winning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Lead Mechanical Engineer for the \$18.7M renovation of a 10-story, 145,000 SF temporary lodging facility. The renovation included replacement of the HVAC system, selective plumbing demolition and replacement and installation of a new fire protection system. The mechanical system was a water source heat pump with boilers and cooling towers. Condensing clothes dryers were selected to control humidity.			

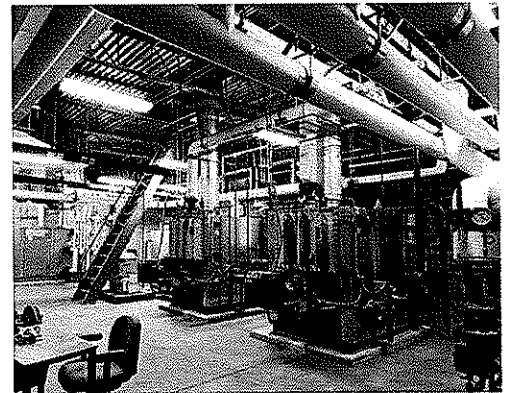
Mr. Dalton has provided professional mechanical engineering design services for the past 38 years in the capacity of Senior Mechanical Engineer for ID-IQ programs and Mechanical Designer of Record or Lead Mechanical Engineer on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Dalton’s military design experience for relevant facility types is shown below.

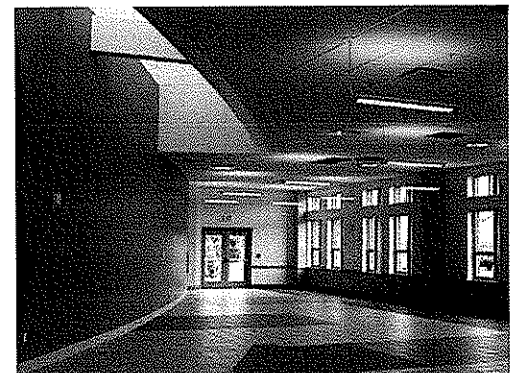
- Ft. Carson Dining Facility
- Ft. Benning Training Support Brigade Complex Phase 2 and Unit Maintenance Activity
- Ft. Bragg Whole Barracks and Company Operation Facility Renewal
- Ft. Lewis Brigade Combat Team Complex, Increment 2-Dining Facility (DFAC)
- Enlisted Airman’s Dormitory Wright Patterson Air Force Base
- Ft. Bragg Brigade Combat Team Complex
- Wright Patterson Air Force Base Fire/Crash Rescue Station
- Full Facility Restoration, J Diamond USARC
- Westover Air Reserve Base Operations Building
- Langley Air Force Base Bayview Towers Temporary Lodging Facility



Specialized Experience

Mr. Dalton has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 312 Design and Master Planning projects
- 16 Design-Build projects
- Successful implementation of AT/FP requirements
- AutoCAD and MicroStation experience
- M-CACES experience
- Design charrette experience
- 15 SPIRIT/LEED® sustainable design projects:
 - LEED® evaluation and the certification process
 - Energy and Water efficiency
 - Use of recovered and recycled materials
 - Reduction of toxic or harmful substances
 - Efficiency in resource and materials
 - Waste Reduction
 - Development of healthy and safe work environments
 - Employs LEED® evaluation methods
- In-depth knowledge of UFGS and SpecsIntact




E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Chris Robertson, PE	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 11	b. CURRENT FIRM 5
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, Ohio	16. EDUCATION BS/1999/Electrical Engineering	17. CURRENT PROFESSIONAL REGISTRATION Professional Engineer – OH	

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Robertson has been dedicated to military design work for the past 8 years. His experience includes design of lighting, power distribution, communications, and fire alarm systems for **military facilities, training centers, lodging facilities, headquarters, dining facilities, municipal facilities, roadways, libraries, office/administration buildings, utility plants, corrections facilities, parking garages, daycare centers and retail stores.** He has served as project engineer responsible for electrical design, including design narratives, short circuit and voltage drop calculations, specifications, electrical cost estimates, shop drawing review, and final field construction review. He has experience in ID-IQ, design-build and multiphase projects; DoD experience; military design experience; Air Force, Air & Army National Guard experience; and renovation, repair, and rehabilitation experience.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
		PROFESSIONAL SERVICES	CONSTRUCTION	
a.	ID-IQ for A-E Services, WVANG (130th AW & 167th AW), West Virginia	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Airfield Improvements • Dining Facility • Master Planning
b.	A-E Services ID-IQ, 88th CEG, WPAFB, Ohio	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • Housing/Lodging • Hangar Conversion
c.	Training Support Brigade Complex Phase 2 and Unit Maintenance Activity Ft. Benning, Georgia	2009	2010 (E)	<ul style="list-style-type: none"> • Training Facility • Administration • Civil/Site Design • AT/FP
d.	Ft. Lewis Brigade Combat Team Complex, Increment 2 – Dining Facility (DFAC), Ft. Lewis, Washington	2009	2009	<ul style="list-style-type: none"> • Dining Facility • HQ/Administration • Civil/Site Design • AT/FP
e.	Enlisted Airman's Dormitory, Wright Patterson Air Force Base, Ohio	2006	2006	 <ul style="list-style-type: none"> • Award Winning Lodging Facility • AT/FP

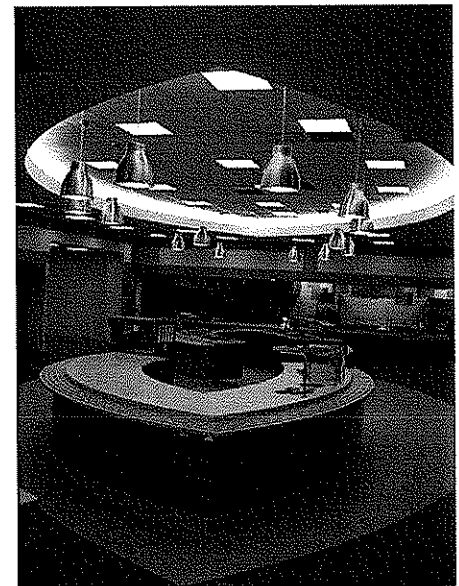
Mr. Robertson has provided professional electrical engineering design services for the past 11 years in the capacity of Electrical Engineer for ID-IQ programs and Electric Designer of Record or Electrical Engineer on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Robertson’s military design experience for relevant facility types is shown below.

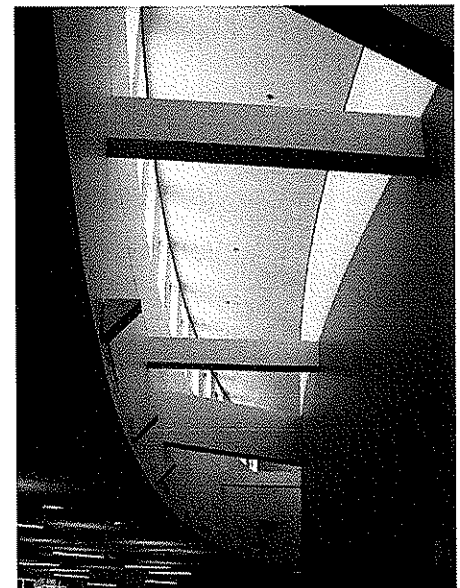
- Ft. Lewis Brigade Combat Team Complex, Increment 2-Dining Facility (DFAC)
- Ft. Lewis General Instruction Building (GIB), SOF Aviation Battalion Education Complex
- Wright Patterson Air Force Base Fire/Crash Rescue Station
- Full Facility Restoration, J Diamond USACR
- Westover Air Reserve Base Operations Building
- Bayview Towers Temporary Lodging Facility, Langley Air Force Base
- Ft. Benning Infrastructure UIS
- Ft. Jackson Consolidated Drill Sergeant School and Dining Facility Complex
- Camp LeJeune Reserve Training Center
- USCG Rebuild Station Gulfport



Specialized Experience

Mr. Robertson has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 44 Design and Master Planning projects
- 36 Design-Build projects
- 4 BIM projects
- Successful implementation of AT/FP requirements
- AutoCAD and MicroStation experience
- Design charrette experience
- 19 SPiRiT/LEED® sustainable design projects:
 - LEED® evaluation and the certification process
 - Energy and Water efficiency
 - Reduction of toxic or harmful substances
 - Efficiency in resource and materials
 - Development of healthy and safe work environments
 - Employs LEED® evaluation methods
- In-depth knowledge of UFGS and SpecsIntact



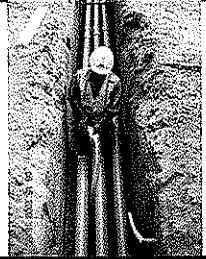
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Jay A. Johns, RCDD/NTS	13. ROLE IN THIS CONTRACT RCDD	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. CURRENT FIRM 1
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, OH	16. EDUCATION Professional Training – Building Industry Consultants International (BICSI)	17. CURRENT PROFESSIONAL REGISTRATION BICSI Register Communications Distribution Designer/Network Transport Specialist	

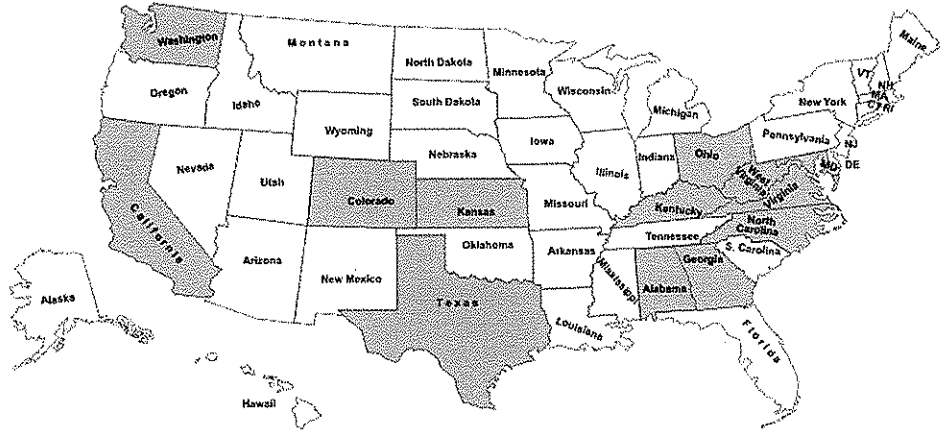
18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Johns is dedicated to military design work. As a former navy sonar technician, he has 19 years experience in communication systems design. He has specialized knowledge of IT/IS infrastructure and facilities design. He also has extensive construction and systems installation experience. He has prepared Design Specifications for both D-B-B and D-B (turnkey) applications. Creates CAD drawings including; the floor plan and elevations for all Telecommunications Spaces, cable pathways, Work Area Outlet locations and details, as well as Firestopping details. He conducts site inspections for Quality Assurance (QA). **Early Career:** US Navy, Submarine Force. STS2 (SS) Sonar Technician Submarine Qualified onboard the USS Baton Rouge (SSN 689).

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION ID-IQ for U.S. Fish & Wildlife, Various States	(2) YEAR COMPLETED Ongoing	COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/> CONSTRUCTION Ongoing	<ul style="list-style-type: none"> • ID-IQ • HQ/Administration
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Communications Distribution Designer for this new \$10.5M Administrative Building project. The telecommunications design included outside service entrance ductbanks, fiber optic and copper telecommunications services entrance facilities, and complete building cabling systems for voice, data and video distribution. The Telecommunications Services and Systems were designed in compliance with current ANSI/EIA/TIA standards.			
b.	(1) TITLE AND LOCATION SOF Aviation Battalion, Educational Center Fort Lewis, WA	(2) YEAR COMPLETED 2009	COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/> CONSTRUCTION 2010(E)	<ul style="list-style-type: none"> • Training Center • Administration • Civil/Site Design • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE RCDD for this new \$12.3 million, 31,000 SF General Instruction Building designed to provide an instructional facility conforming to Army standards. The site design includes Outside Plant distribution ductbanks, fiber optic and copper Telecommunications Service entrance facilities. The GIB includes a complete Building Cabling System for voice, data and video distribution. All systems are designed in compliance with current MILCON requirements.			
c.	(1) TITLE AND LOCATION Infrastructure UIS , Ft. Benning, Georgia	(2) YEAR COMPLETED 2009	COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/> CONSTRUCTION 2010 (E)	
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Independent Technical Reviewer for the Telecommunications Distribution Infrastructure for this new \$67.4M development project including the upgrade 7 miles of extensive outside plant main distribution ductbanks, lateral ductbanks, and service entrance ductbanks reviewed for technical compliance with current MILCON communications requirements including the Technical Guide for Installation Information Infrastructure Architecture (I3A) and relevant ANSI/EIA/TIA standards.			
d.	(1) TITLE AND LOCATION Whole Barracks and Company Operations Facility Renewal, Fort Bragg, NC	(2) YEAR COMPLETED 2009	COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/> CONSTRUCTION 2010 (E)	<ul style="list-style-type: none"> • Company Operations Facilities with Readiness Module • Lodging • Civil/Site Design • AT/FP
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Registered Communications Distribution Designer for this new \$89.6M complex of buildings on two separate sites which included 2 COFs and two (164,309 SF/111,744 SF) UEPH facilities. The design for each project site included Outside Plant main and lateral distribution ductbanks, fiber optic and copper telecommunications service entrance facilities. Each barracks included a complete Building Cabling System for voice, data and video distribution. All systems were designed in compliance with current MILCON requirements.			
e.	(1) TITLE AND LOCATION Enlisted Airman's Dormitory, Wright Patterson Air Force Base, Ohio	(2) YEAR COMPLETED 2006	COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/> CONSTRUCTION 2006	<ul style="list-style-type: none"> • Housing/Lodging • AT/FP • Award Winning
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Registered Communications Distribution Designer for the new \$9.6M, 39,000-SF, three-story, 108-bed dormitory included 80 parking spaces and complies with current AT/FP requirements. AFMC Design Merit Award.			

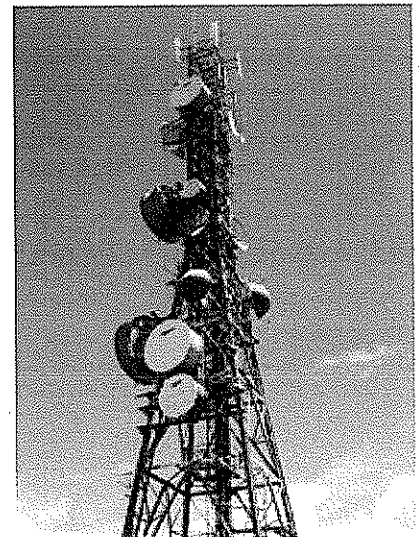
Mr. Johns has provided professional telecommunication design services for the past 19 years in the capacity of Registered Communications Distribution Designer on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Johns' military design experience for relevant facility types is shown below.

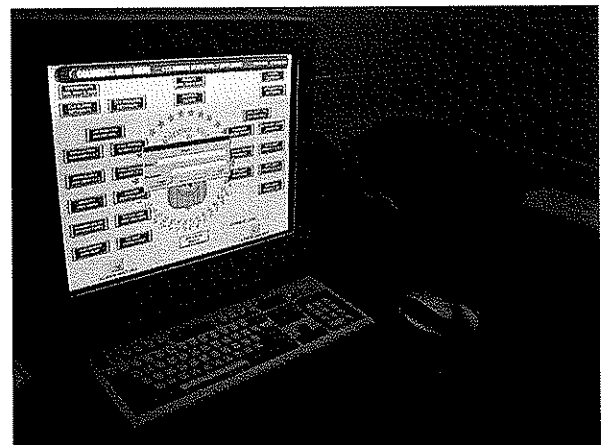
- Ft. Lewis Brigade Combat Team Complex, Increment 2-Dining Facility (DFAC)
- Galveston SFO Armory Training Building
- Human Performance Wing, Wright Patterson Air Force Base
- Ft. Lewis General Instruction Building (GIB), SOF Aviation Battalion Education Complex
- Ft. Bragg Unaccompanied Enlisted Personnel Housing
- Pipeline Dormitory, Wright Patterson Air Force Base
- Ft. Bragg Brigade Combat Team Complex
- Ft. Gordon Renovate – Dining Facility, Headquarters and Barracks
- Ft. Bragg Whole Barracks and Company Operation Facility Renewal



Specialized Experience

Mr. Johns has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 36 Design and Master Planning projects
- 21 Design-Build projects
- 16 BIM projects
- AutoCAD and MicroStation experience
- Design charrette experience
- 21 SPIRiT/LEED® Sustainable Design projects
- In-depth knowledge of UFGS and SpecsIntact




E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Paul Perrin, PE, SE, LEED® AP	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. CURRENT FIRM 10
15. FIRM NAME AND LOCATION Burgess & Niple, Inc. Cincinnati, Ohio	16. EDUCATION BS/1993/ Civil Engineering; BA/1993/ Economics; BS/1993/International Studies; MS/1995/ Structural Engineering	17. CURRENT PROFESSIONAL REGISTRATION Registered Engineer – OH, CA, VA Registered Structural Engineer (SEIII) - CA	

18. OTHER PROFESSIONAL QUALIFICATIONS

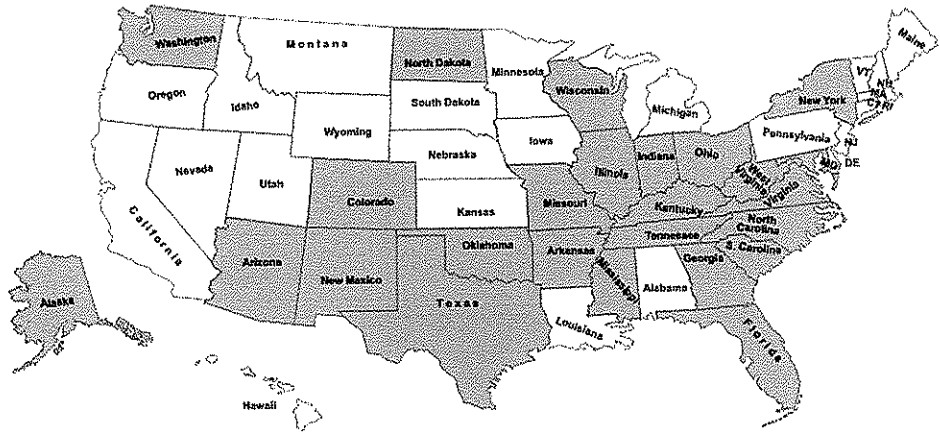
Mr. Perrin has been dedicated to military and DHS design work for the past 6 years. He is proficient in design of new and renovation projects using steel, concrete, masonry and wood. He's also a licensed **Structural Engineer in California**, this registration demonstrates his in-depth knowledge of structural design. Mr. Perrin is also B&N's expert in **AT/FP** planning & design. His expertise includes **anti-terrorism/force protection (AT/FP), progressive collapse analysis, seismic design, blast design, structural hardening, risk assessments, advanced finite element analysis, inspections, and feasibility studies**. His expert knowledge and extensive experience applying AT/FP and Progressive Collapse Unified Facilities Criteria (UFC) and Technical Manuals (TM) is used in Governmental projects. Project experience includes the retrofit of existing buildings to meet current seismic and progressive collapse criteria. Mr. Perrin has specialized training in security design through many ASCE, AISC, SAME & other courses. He sat for three years (2003-2005) on the NSPE Critical Infrastructure and Homeland Security Task Force that improved Federal and state disaster response coordination, and reviewed and developed design standards at a critical time in the development of national standards.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION	(2) YEAR COMPLETED COMPLETED W/CURRENT FIRM? <input checked="" type="checkbox"/>		
	PROFESSIONAL SERVICES	CONSTRUCTION	
a. A-E Services ID-IQ, 88th CEG, WPAFB, Ohio	2008	N/A	<ul style="list-style-type: none"> • ID-IQ • SCIF • Master Planning • AT/FP
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Replace Steam Lines, F-20227 to S-227 – Project Manager and Structural Engineer for \$1-million upgrades to steam pipe system serving Area B. Expand SCIF Facility 20254 – Participated in Facility 20254 study of 26,000-SF building expansion. Air Force Institute of Technology (AFIT) Master Plan – Structural and AT/FP risk assessment for AFIT campus master plan.			
b. Bayview Towers Temporary Lodging Facility, Langley Air Force Base, VA	2006	2006	<ul style="list-style-type: none"> • Housing/Lodging • Renovation • AT/FP • Progressive Collapse • Award Winning
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Structural Engineer responsible for this innovative structural and AT/FP design of progressive collapse prevention systems, structural hardening, and blast mitigation for the \$18.7-million renovation of a 10-story, 90-apartment, 145,000-SF temporary living facility. Received an ACC Citation Award.			
c. Ft. Lewis Brigade Combat Team Complex, Increment 2 – Dining Facility (DFAC), Ft. Lewis, WA	2008	2009	<ul style="list-style-type: none"> • Dining Facility • Civil/Site Design • AT/FP
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Structural Engineer responsible for structural quality control review of a \$14.6M 26,500 SF dining facility with primary features including a 624-seat dining room, which provided 3,900 meals per day, served in three shifts. The EPDF was designed to meet LEED® silver status, and employ numerous energy saving and sustainable design features.			
d. Fire/Crash Rescue Station, Wright-Patterson Air Force Base, Ohio	2005	2006	<ul style="list-style-type: none"> • Training Center • HQ/Administration • Lodging • Civil/Site Design • Paving • Award Winning
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Structural Engineer responsible for the structural and AT/FP quality control review of new \$8.7M, 38,000-sf emergency facility for 14 apparatus and administrative headquarters offices. AFMC Design Honor Award			
e. Enlisted Airman's Dormitory, Wright Patterson Air Force Base, Ohio	2006	2006	 <ul style="list-style-type: none"> • Award Winning Lodging Facility • AT/FP
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Design Project Manager for a \$9.6M 39,000 SF project that provided accommodations for a new 108 person unaccompanied enlisted personnel Airman's Dormitory. One of the first dormitories to apply the new Air Force dormitory guide.			

Mr. Perrin has provided professional structural engineering design services for the past 17 years in the capacity of Project Manager and Structural Engineer for ID-IQ programs as well as AT/FP Specialist, Structural Engineer or Project Manager.

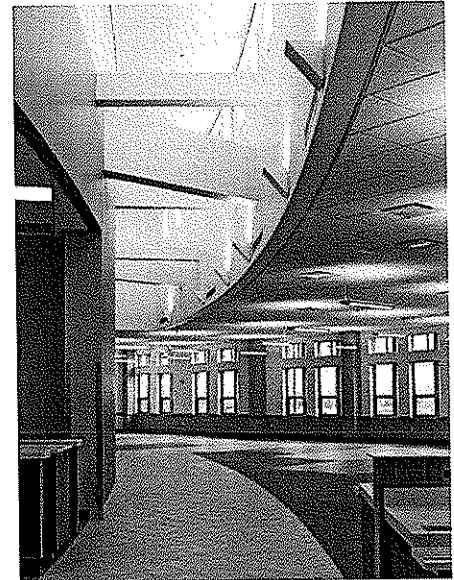
His expertise in anti-terrorism/force protection (AT/FP), progressive collapse analysis, seismic design, blast design, structural hardening, risk assessments, advanced finite element analysis were used on conus projects. Please see adjacent map.



Military and Relevant Facility Experience

Mr. Perrin's military design experience for relevant facility types is shown below.

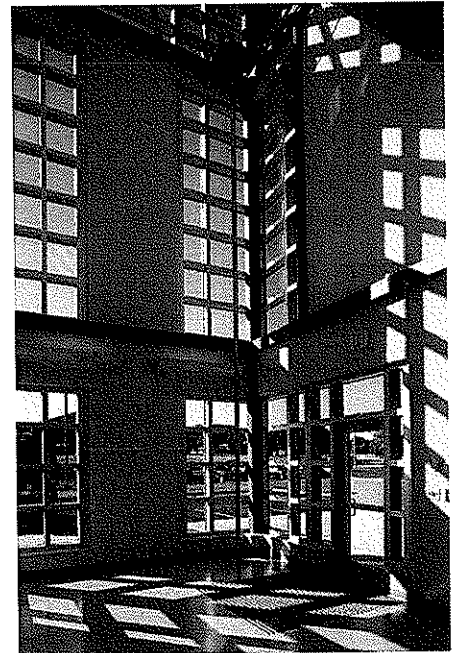
- Ft. Carson Dining Facility
- Ft. Lewis Brigade Combat Team Complex, Increment 2 - Dining Facility (DFAC)
- Ft. Lewis Stryker Barracks Complex
- Ft. Stewart 5th Infantry Brigade Combat Team Barracks Complex
- Ft. Bragg Whole Barracks and Company Operation Facility Renewal
- Ft. Bragg Resistance Training Center
- Human Performance Wing, Wright Patterson Air Force Base
- Wright Patterson Air Force Base Fire/Crash Rescue Station
- Bayview Towers Temporary Lodging Facility, Langley Air Force Base
- USCG Project Seahawk: Harbor Operation Center
- WVANG Readiness & Training Center



Specialized Experience

Mr. Perrin has thorough knowledge and can apply the following specialized experience to make this ID-IQ contract a success.

- 60 Design and Master Planning projects
- 50 Design-Build projects
- 10+ BIM projects
- Successful implementation of AT/FP requirements
- AutoCAD and MicroStation experience
- M-CACES experience
- Design charrette experience
- 20+ SPIRIT/LEED® sustainable design projects:
 - LEED® evaluation and the certification process
 - Use of recovered and recycled materials
 - Efficiency in resource and materials
 - Development of healthy and safe work environments
 - Employs LEED® evaluation methods
- In-depth knowledge of UFGS and SpecsIntact





APPENDIX B

PROJECT EXPERIENCE

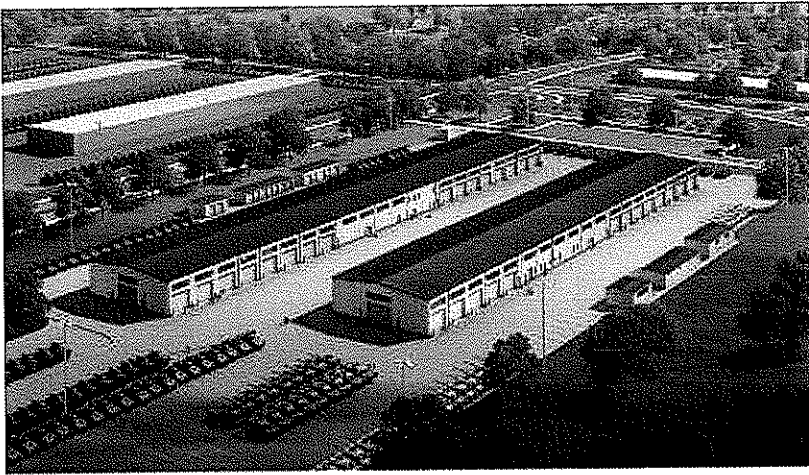
21. TITLE AND LOCATION (City and State)
Training Support Brigade Complex Phase 2 and Unit Maintenance Activity, Ft. Benning, GA

22. YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2009	2010 (E)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER USACE Savannah District	b. POINT OF CONTACT NAME Cal Edson	c. POINT OF CONTACT TELEPHONE 910.396.1211 Ext 240
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size and cost)



Burgess & Niple (B&N) designed the \$75M Vehicle Maintenance Instruction Facility (VMIF) and Tactical Equipment Maintenance Facilities (TEMF) complex as a single construction site with two distinct projects and three functions. The project included two distinct fast-track design-construct packages – the first for the site and site utilities, and the second for the construction of the three buildings. B&N was responsible for Civil Engineering, Architectural, Interior Design, Structural, Mechanical, Plumbing, Electrical,

Communications, Technology, and Fire Protection Engineering. The project met the USGBC's requirements for LEED Silver Certification. The facility's site encompassed 130.4 acres requiring extensive earthwork and grading. Site work involved moving over a million cubic yards of earth and building roads and hardstands, which cover more than 40 acres with eight inches of concrete to support these massive vehicles.

Vehicle Maintenance Instruction Facility (VMIF) - consists of 137,889 SF 2-story structure constructed using a pre-engineered metal building (PEMB) with a brick skirt surrounding the building. The VMIF contained classrooms, a 10,000 SF technical library, 14-live engine bays and extensive underground exhaust systems to ventilate these bays. Additionally, the construction included mechanical equipment space on the second floor and a green standing seam metal roof. Associated with the VMIF are two 863 SF oil storage / fuel dispensing buildings and 600 SF of sentry buildings. All the support buildings are masonry construction, with brick matching the skirt on the main building. The VMIF building is serviced by newly constructed primary and secondary roads, sidewalks, curb and gutters, storm water detention pond and 144,000 square yards of lighted organizational vehicle parking.

Tactical Equipment Maintenance Facilities (TEMF) A - contains 78,378 SF of maintenance bays and an elevator to second floor office space. Included in the TEMF is a shop with several 10-ton mobile electric wench cranes as well as a 35-ton mobile electric wench crane service. The building construction is similar to the VMIF. Additional support facilities include an area for storing and dispensing 40,000 gallons JP-8, 5,000 gallons diesel, and 1,000 gallons gasoline; two facilities at 2,250 SF each for organizational equipment storage; POL storage buildings; and hazardous waste storage buildings. Supporting facilities include 60,000 square yards of organizational vehicle parking with underground pathways for future power and network requirements; POV parking; primary access roads and secondary service roads, sidewalks, curb and gutters.

Tactical Equipment Maintenance Facility – B - contains 61,639 SF of maintenance bays and is a single story structure. This building type and construction is also similar to the TEMF-A. The facility stores and dispenses up to 40,000 gallons of JP-8; 5,000 gallons of diesel; and 1,000 gallons of gasoline. The overall construction includes 224,000 square yards of lighted organizational

vehicle parking and a stormwater detention pond.

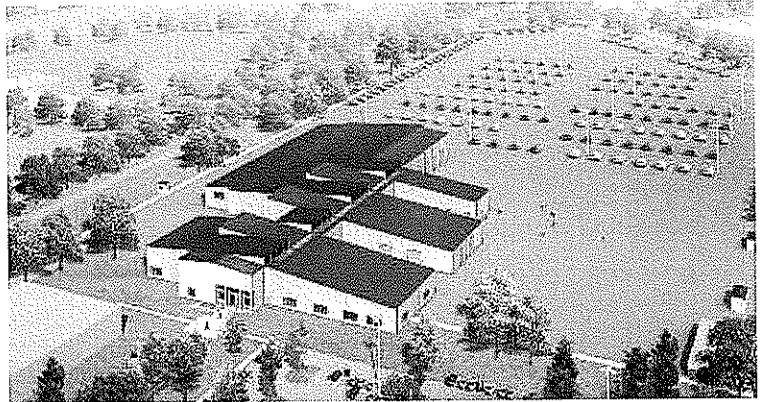
The repair areas and maintenance areas are designed as garage areas used for service and repair of the full range of Army tactical equipment. A 32' x 96' structural bay typology has been used to accommodate both repair and maintenance areas. This structural bay contains four 16' x 32' repair work areas, and a 32' wide central drive lane dividing them crosswise. The central drive lane also serves as a maintenance area. It accommodates two 16' x 32' maintenance work areas. The structural height is designed to allow minimum bridge crane hook cradle height of 20 feet for 10-ton cranes and 25 feet for bays with 35-ton bridge cranes).

LEED Approach - The Fort Benning Training Complex took the campus approach to sustainability, by addressing three separate groups of buildings. Each one of these groups was registered with USGBC to obtain a LEED Silver level through the government self-certification process. All of the Sustainable Site requirements for the entire site are reflected on the VMIF project.

All aspects of the site selection, storm water quality and quantity management, construction waste management, alternative transportation, and water use were critical. Credits were carefully balanced to obtain the maximum positive effect for the environment. No potable water was used for landscaping and all storm water is directed to detention ponds on site. The mass grading was phased to avoid construction activity pollution and minimize top soil disturbance.

Car/van pool spaces were provided in close vicinity of the buildings. The paving was light colored concrete in order to facilitate obtaining the non-roof heat island credit. The VMIF building allowed for direct air exhaust for all the spaces exposed to toxic substances. Recessed floor mats were installed at main entrances to prevent particulate matter from entering the building. The project promoted a unified selection of recycled and regional materials and use of low-VOC products to improve indoor air quality. The design included innovation credits for the use of recycled and regional materials and the reduction in water use beyond the percentages stated in the corresponding credits.

The complex relies on the energy trade-offs between its buildings to maximize energy efficiency in an inherently energy intensive environment. The goal in optimizing energy is to obtain savings of at least 30% compared to the ASHRAE 90.1 Building Baseline System.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
a.	Burges & Niple, Inc.	Cincinnati, Ohio	Full-service A-E design, site/civil, electrical, mechanical/plumbing/fire protection, structural, architecture and construction services
b.	Burges & Niple, Inc.	Columbus, Ohio	A/E Design and Environmental Services
c.	Burges & Niple, Inc.	Parkersburg, WV	Landscape Architecture Services

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER:

3

21. TITLE AND LOCATION (City and State)

Westover Air Reserve Base Operations Building, Chicopee, Massachusetts

22. YEAR COMPLETED

PROFESSIONAL SERVICES

March 2006

CONSTRUCTION (If applicable)

June 2007

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Air Force Reserve Command, Warner Roberts AFB

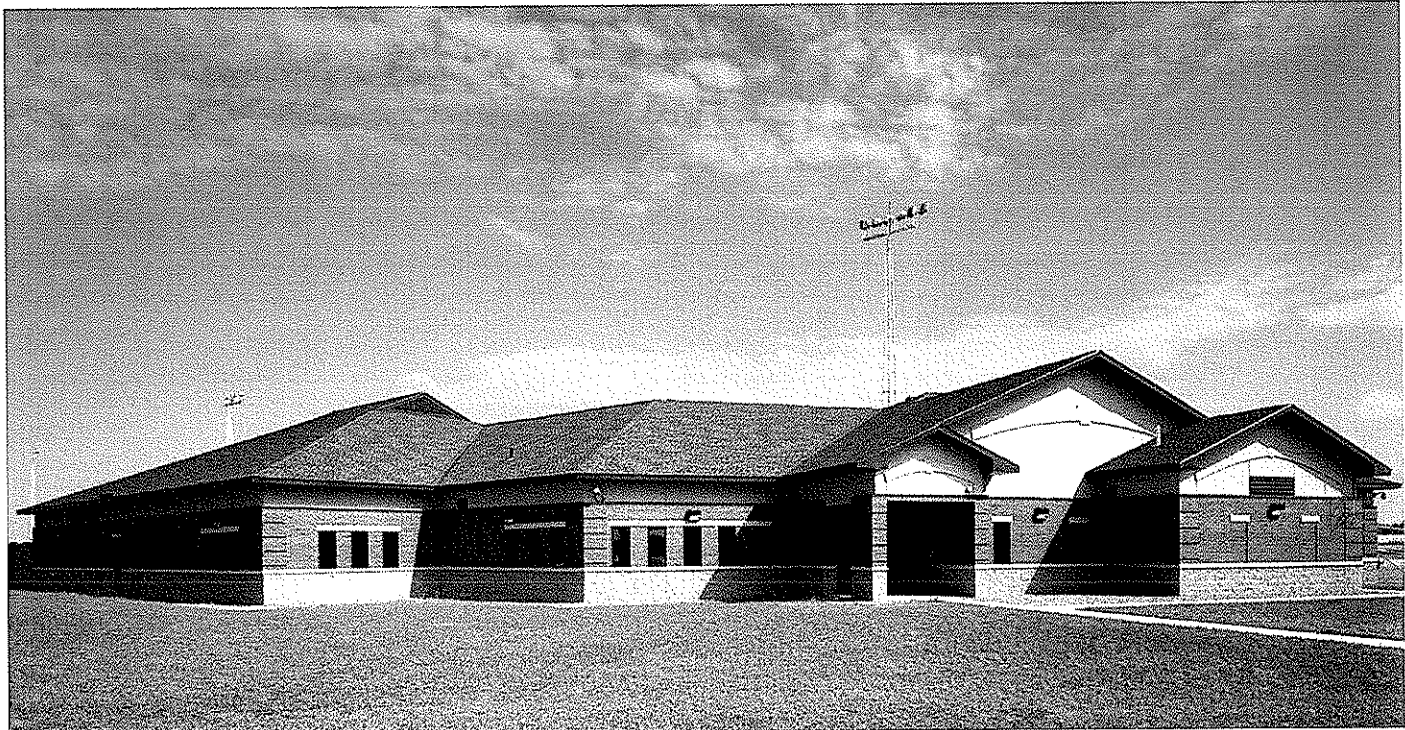
b. POINT OF CONTACT NAME

James McElroy, HQ AFRC/CEC,
Program Manager

c. POINT OF CONTACT TELEPHONE

478.327.1062

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size and cost)



Burgess & Niple (B&N) provided **full architectural and engineering design** to replace the operations building at Westover Air Reserve Base. The previous Base Operations building was small, aging, and functionally obsolete at the time of this project. The new, **\$4 million, building, at over 14,000 square feet**, is more than twice the size of the building that it replaced. The facility houses **flight control facilities to run the daily flight operations of the base, a new weather station, a state-of-the-art flight planning function, office space for flight operations, and a crew lounge**. Special secure conference and planning rooms associated with the flight control center allow the building to **serve as a secure command center** in the event of an operational emergency.

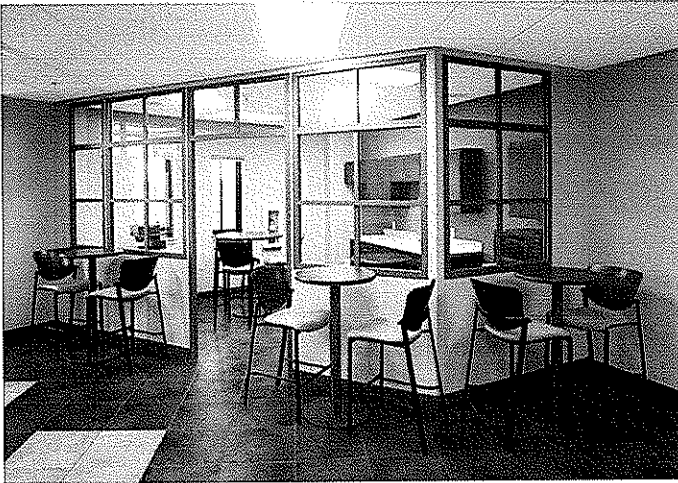
Located on the base flight line, the new building serves as Westover's "front door" to visitors arriving by air. The landscape design and site circulation provide a welcoming aspect for visitors arriving by car or by plane.

The building exterior is designed to complement the historic character of New England architecture. The beige, split-face block base with brick matches that used on many buildings at Westover. Brick detailing is consistent with other historic facilities located at the base, using traditional running bond, soldier and header coursing along with quoins at the corners. The windows take their rhythm from the buildings of similar type and character that surround the Ellipse, the focus of the Westover historic core. The new base operations building is located just off the Ellipse.

The building is single story, with an exterior finish of masonry and insulated plaster on steel studs. The structural system is steel frame, with light gauge steel trusses supporting an asphalt shingle roof. A VAV mechanical system was installed to maximize energy efficiency. An air cooled chiller and a hot water boiler were provided for cooling and heating. A building exhaust energy recovery wheel was used to precondition building ventilation air and increase energy efficiency. The building is protected by a full sprinkler system and a combined fire alarm/mass notification system. The building and site features comply with ATPF requirements.

The new building was constructed directly adjacent to the older building it replaced; site staging had to be conducted to allow the original base operations to remain in operation until the new facility was complete. This required careful coordination on the part of the design team and the Air Force. The new building actually forms part of the security fence that protects the flight line. Temporary security measures were put in place to ensure a seamless transition from new to old.

An essential part of the project was the demolition of the former base operations building once the new facility was completed. This included inspection for hazardous materials, some limited asbestos abatement, and site remediation after the completion of demolition.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Burgess & Niple, Inc.	Cincinnati, Ohio	Design Support Services – mechanical and electrical engineering
d.	Burgess & Niple, Inc.	Cleveland, Ohio	Full-service A-E design, electrical, mechanical/ plumbing/fire protection, structural, architecture, landscape and construction administration

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER: **1**

21. TITLE AND LOCATION (City and State)

A-E Services ID-IQ, 88th CEG, WPAFB, Ohio

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2008

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

88th CEG, WPAFB

b. POINT OF CONTACT NAME

Jim Balsamo, Program Manager

c. POINT OF CONTACT TELEPHONE

937.656.3670

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size and cost)

Enlisted Dormitories Renovation (4 buildings). This project received one AFMC Award and one HQUSAF Nationwide Citation Award: renovation/upgrade of HVAC systems, exterior landscaping, site design, and exterior finishes.

The exterior design created a contemporary and cohesive identity for a cluster of dated dormitory buildings. This included the buildings' surrounding landscape, with emphasis given to upgrading existing courtyard areas.

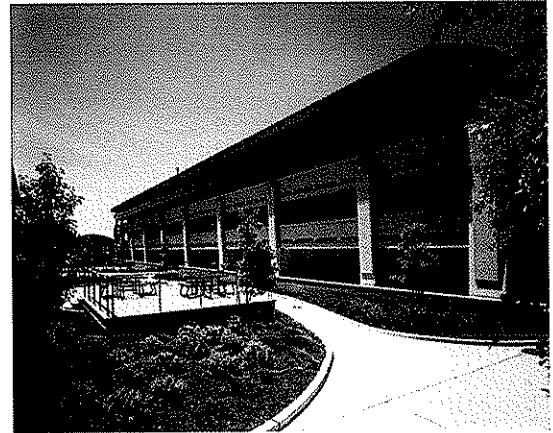
The roofs' dynamic airfoil profile is the design's most potent signature element. Clad in standing seam metal roofing, the assembly spans the existing flat roof and upper canopy, and bears on the buildings' existing perimeter masonry walls. The design created internal space for future HVAC systems, improved rain and solar sheltering, and provided positive roof drainage. Aesthetically, the roof unified each building's individual composition while providing a common identifying element for the complex as a whole.

New brick 'pylons,' constructed at each building entry, serve as the focal element in the façade and clearly define main entry points. The pylons support a wing-shaped canopy that shelters new seating areas. On the buildings' walkways, existing pipe railings and columns are encased by a sand finished stucco wall assembly eliminating railing maintenance problems.

The design is environmentally responsive because it incorporates long-life recyclable building materials such as metal roofing, brick, tile, and stucco. In addition, solar shading was improved by extending roof overhangs. New construction was designed to utilize or cover existing building elements. This minimized demolition waste. For example, the new roofs span over the existing flat roofs and the stucco wall systems utilize the buildings' existing column and railing systems as structural supports.

Specific features include:

- Building repair, renovation and demolition
- Asbestos, lead, PCB surveying, testing and abatement
- Military/civil project experience
- Roadwork utility distribution repair and upgrade
- Civil engineering, site drainage and stormwater management
- Multiple concurrent work order project management



Reroof Building No. 1. Reroofing of 250,000 SF building.

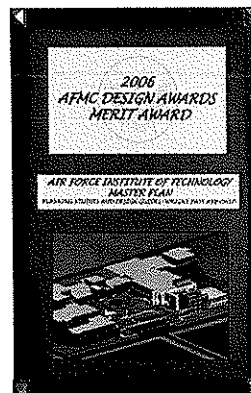
Addition to Defense Courier Service Station. Design of a conference/training room, station commanders' office, and break room.

Hangar Conversion, Area B, Building 20022. Study to convert hangar to physical fitness center, conference center, kitchen/food court, multimedia center, concessions, and post office (100,000 SF).

Fire Safety, Facility 20046. Renovation and remodel including furniture and finishes, upgrade HVAC and electrical systems, repair and refurbish lighting and communications systems, and fire suppression system.

Expand SCIF Facility 20254. Planning/design of a 26,000 SF addition to an existing SCIF facility. This project involved the preparation of 1391 forms.

Master Plan for Air Force Institute of Technology. B&N developed a Master Plan encompassing more than 600,000-square-feet of building area for the Air Force Institute of Technology (AFIT). Designed to accommodate future growth within the graduate studies programs, the master plan includes the construction of four new buildings and two additions to existing buildings. The expansion will accommodate projected requirements for staff and enrollment growth through fiscal year 2008 and will provide additional PhD. facilities, student offices, research laboratories and a conference center.



Comprehensive planning, programming, and design study for the AFIT campus, including the consolidation of existing on-base and off-base facilities. Completed **1391 forms** and other programming documents for budgeting process.

In 2006, WPAFB received a Merit Award for the facility's planning study as part of the Air Force Design Awards program at the Materiel Command level.

Repair Building 30101. Renovation of 40,000 SF base fire department and security police facility.

Demolition of Multiple Facilities in Area B. Demolition of 12 structures and utility removal/relocation.

Renovate Building 30209. Renovation of 34,000 SF office facility. All new interior finishes and HVAC system.

Design Electrical Feed. Provided underground power feed to Facility 20018E for a 6,000-hp, 4,160-volt motor and associated equipment. Designed new switchgear for a VSD and transformer provided by WPAFB.

Master Planning for NASIC Complex. Prepared a comprehensive plan and completed programming documents for MILCON improvements for this Top Secret, 14-building, 700,000 SF + facility.

Replace Steam Lines. Overhead and belowground steam lines were replaced in area B.

Whole Dorm Repair, Bldgs. 31212, 31213, 31215, 31216. Replaced the fan coil units serving the apartments and renovate the interior finishes.

NASIC W287 Renovation. Renovated 12,000 SF, SCIF office space within a secure facility for 120 personnel.

Master Plan for Air Force Human Effectiveness Directorate. The plan developed building program, cost estimates, design narrative, building footprint/space relationship diagrams, floor plans, renderings, 3-D models, for the BRAC relocation of AFRL Human Effectiveness Directorate to WPAFB.

For the A-E Contract # F3360103D0019, ID-IQ, 88th CEG at WPAFB, the rating official Jim Balsamo gave Burgess and Niple an overall *Excellent* rating and remarked: *"Burgess & Niple worked several complex design tasks under this contract [and] performed in an excellent manner."*

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Burgess & Niple, Inc.	Cincinnati, Ohio	Full-service A-E design and limited construction services
c.	Burgess & Niple, Inc.	Parkersburg, WV	Landscape Architecture
d.	Burgess & Niple, Inc.	Cleveland, Ohio	Architectural Design Services

21. TITLE AND LOCATION (City and State)

Fire/Crash Rescue Station, Wright Patterson Air Force Base, Ohio

22. YEAR COMPLETED

PROFESSIONAL SERVICES

August 2005

CONSTRUCTION (If applicable)

June 2007

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

USACE Louisville District

b. POINT OF CONTACT NAME

Sunder Bhatla, 88th ABW/CECP,
Program Manager

c. POINT OF CONTACT TELEPHONE

937.904.1254

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size and cost)



Burgess & Niple was Designer of Record and provided all A/E services for a new Crash Fire Rescue Station at Wright-Patterson Air Force Base. This \$8.7M, 38,000 SF facility is one of the largest fire stations in the Air Force. It has seven dual-vehicle bays (14 trucks). Seven bays serve the airfield, hangars, and flight line facilities and structures (C-5 mission) and seven bays serve the buildings and grounds of the base. This facility also houses the WPAFB 911 center, and serves as the Base Fire Marshall administrative HQ. It is the first response and emergency response center for the base. Its spaces and functions include Apparatus Room, Fire Station Supply Storage, Operation Support Space, Administration, Training, Base Communications Center, Living Areas, Recreation, and Kitchen & Dining areas.

Major design challenges included design aesthetics and siting. The CFRS is on the flight line adjacent to Bldg. 206, an historic art deco hangar that is the main passenger terminal. Much of the adjacent area is in the floodplain, leaving a very tight building area. Required clearances, site conditions, response time issues, and ATEP considerations forced a very tight building footprint, and some design solutions were made so as to minimize the building footprint. The design echoed aesthetically both the flight line structures and adjacent historic buildings.

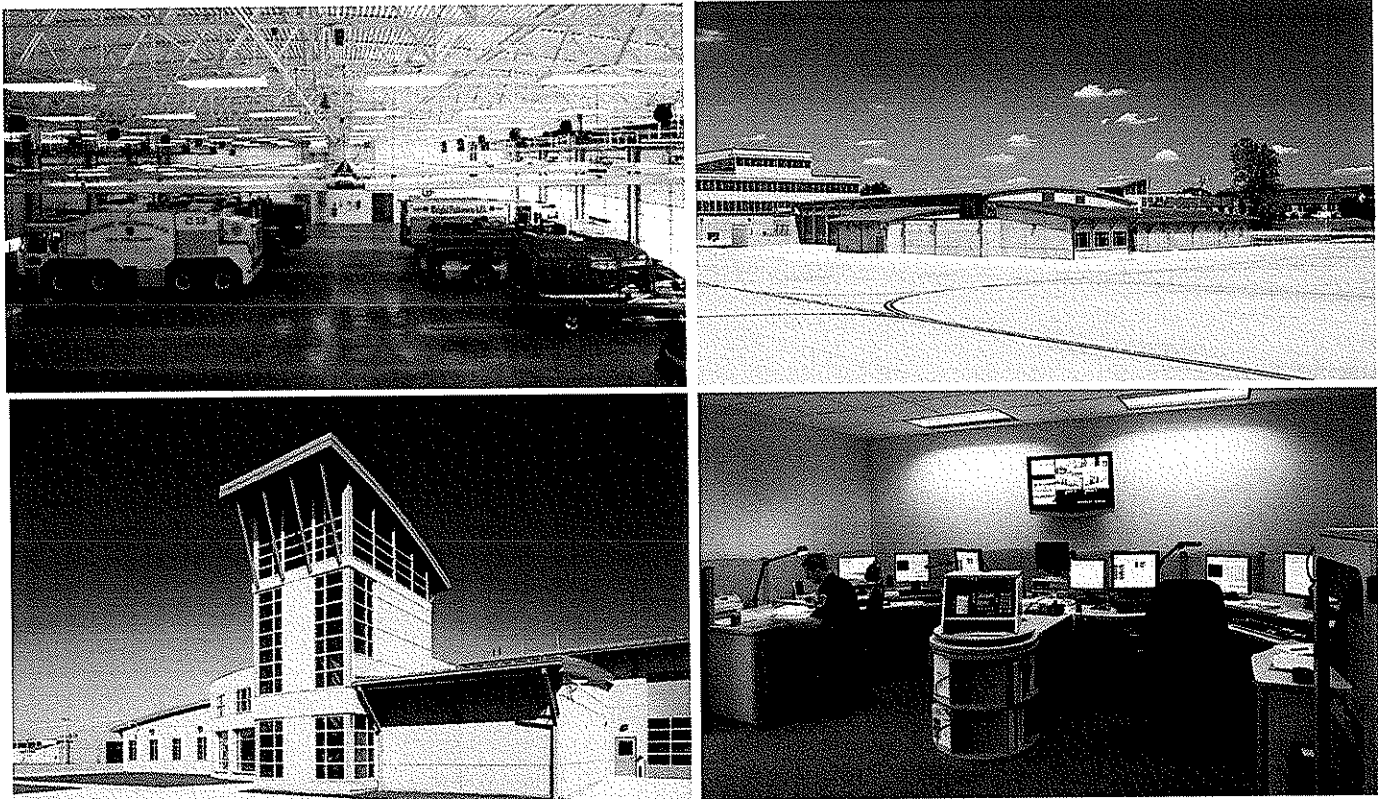
The new fire station features expanded administrative and communications areas that can be utilized as a command and control center. The 911 emergency dispatch center houses the latest telecommunications equipment. The facility's relationship to the flight line was critical. The project included a 137,800- SF airfield apron with tie-down space for four C-21A

aircraft (54,000 SF) and 30,550 SF hardstand connecting the apparatus bays with the apron. POV parking was 82 spaces (32,800 SF).

Sustainable Design Features Include:

- Sustainable site design involved a site layout that avoided construction within the flood plain.
- Consolidating functions into one modern facility was more cost effective from an energy and facility management standpoint.
- The quality of the interior spaces provided a safe suitable environment for fire fighters to conduct their work and live for several days at a time. The separation of the functions enabled disinfecting, maintenance, training, and administrative functions to occur independently without impacting the living areas of the fire fighters. The living quarters provided light and spacious community and private bedrooms for the fire fighters on duty.
- In areas where a durable surface was required, insulated architectural pre-cast concrete panels were used as the building envelope. This single assembly provided both the interior and exterior finish surface while providing proper insulation, and moisture protection.

The Crash Fire Rescue Station received a 2006 Honor Award for Conceptual Design and a 2007 Honor Award for Facility Design from the User Command.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
a.	Burgess & Niple, Inc.	Cincinnati, Ohio	Full-service A-E design, electrical, mechanical/ plumbing/fire protection, structural, architecture, landscape and construction services
b.	Burgess & Niple, Inc.	Columbus, Ohio	Geotechnical Services

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED
TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

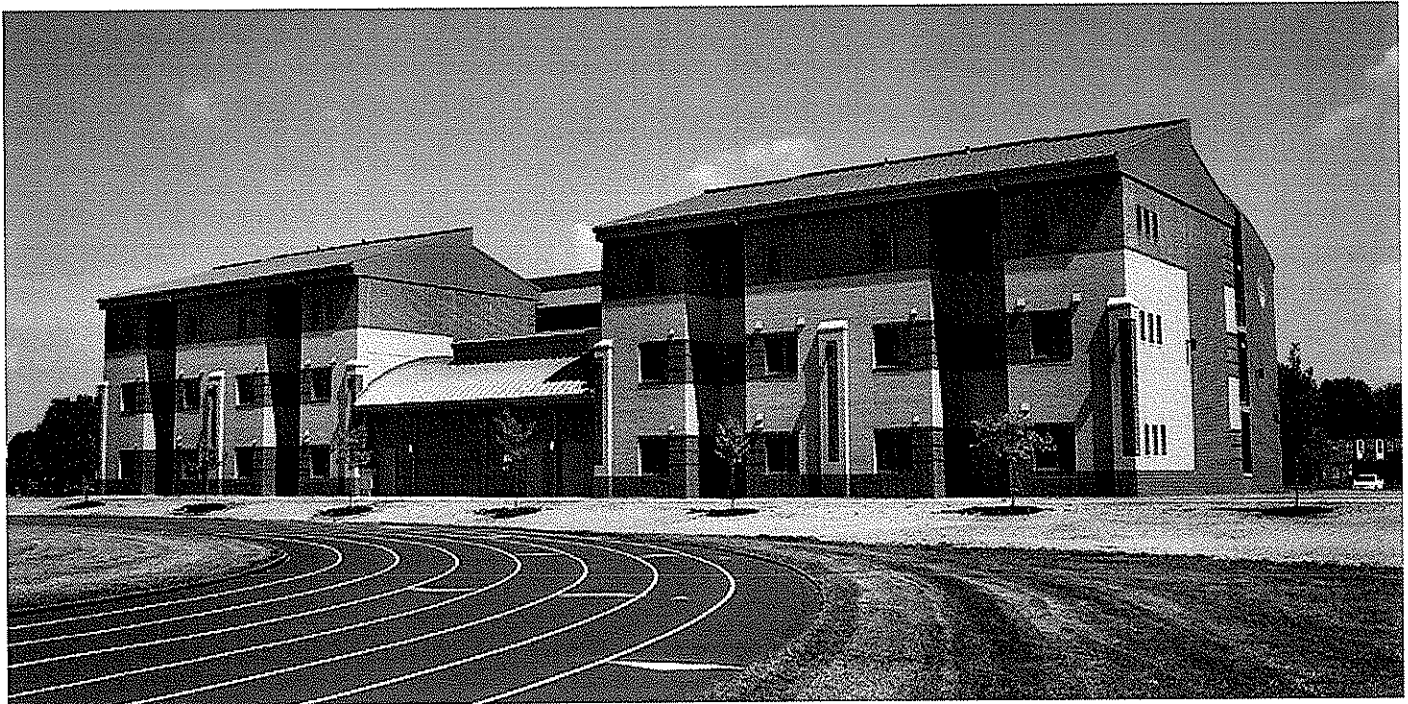
20. EXAMPLE PROJECT KEY NUMBER: **7**

21. TITLE AND LOCATION (<i>City and State</i>) Enlisted Airman's Dormitory, Wright Patterson Air Force Base, Ohio	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES May 2006	CONSTRUCTION (<i>If applicable</i>) May 2006

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER USACE Louisville District	b. POINT OF CONTACT NAME Garnerier Ware, 88 th ABW/CECP, Program Manager, Housing	c. POINT OF CONTACT TELEPHONE NUMBER 937.656.3430
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size and cost*)



Burgess & Niple (B&N) was retained by Army Corps of Engineers, Louisville District and Wright-Patterson Air Force Base (WPAFB). This \$9.6M design-build project provides a new 39,000 SF Airman's Dormitory for 108 unaccompanied enlisted personnel. The dormitory was a "benchmark" for future new dormitories planned for this area of the base in the Master Plan for WPAFB.

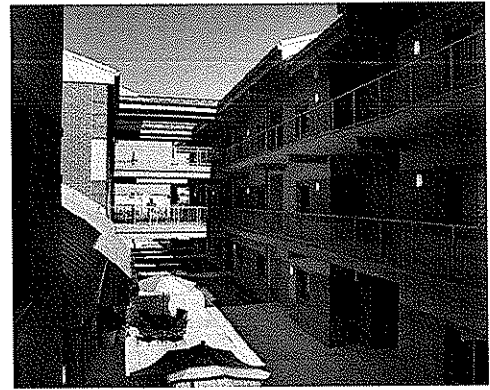
The site for this new dormitory is across the street from previous award winning renovated dormitories by B&N. The design was to draw from and be compatible with these existing EIFS covered facilities while setting the architectural vocabulary for the future brick dormitories. The exterior design of the dormitory blended with the rest of the campus while maintaining its own identity. Both facades featured red brick knee and end walls, light-colored masonry walls at the first and second floors, intermittent dark banding at the first and second floors, continuous dark banding at the third floor and saw-tooth roof designs.

The site was tight with streets to the east and west, the base perimeter to the north, and a recently renovated running track to the south. The site design met the requirements of Force Protection stand-off requirements (25 meters from vehicles) within the project boundaries.

A balcony access configuration was utilized to meet the required standoff distances of the selected site. This balcony arrangement allowed the site to accommodate the 76 parking spaces with the required setbacks. The sports field and track was the organizing element of the dormitory layout. The centerline of the field was extended to become the centerline of the

building.

Design included a community building and a courtyard floor that provides a tranquil common area for the entire complex including a curved pathway connecting small-scale gathering places where residents can relax, exercise and study. Four bedroom dormitory modules provide a private bedroom and bathroom and a common living space with kitchenette and laundry. The Dormitory was one of the first projects to apply the new Air Force Dormitory Design Guide.



Sustainable design features include:

- Each three-story dormitory pod (12 bedroom module) has a variable speed air handler in a ground floor closet with exterior access, allowing for easy maintenance outside of the dwelling units. The air handlers provide supply air to individual reheat VAV boxes for each room providing the required individual control for each area and increased energy efficiency.
- Individual control of lighting was provided.
- Important factors in improving the quality of life for the enlisted personnel are natural daylight and the open space and community outdoor environment.
- Carpet and ceiling tiles contained recycled content.
- The design allowed for other construction and landscape products with recycled content to be used on the project.



The dormitory received an AFMC 2006 Merit Award for Concept Design, an AFMC 2007 Merit Award for Facility Design and a U.S. Air Force 2008 Citation Award for Facility Design as part of the Air Force Design Awards program.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Burges & Niple, Inc.	Cincinnati, Ohio	Full-service A-E design, electrical, mechanical/ plumbing/fire protection, structural, architecture and construction services
b.	Burges & Niple, Inc.	Columbus, OHIO	Geotechnical Services
c.	Burges & Niple, Inc.	Parkersburg, WV	Landscape Architecture Services

21. TITLE AND LOCATION (City and State)

**Full Facility Restoration, J. Diamond USARC,
New Orleans, Louisiana**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

June 2007

CONSTRUCTION (If applicable)

May 2008

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

USACE Louisville District

b. POINT OF CONTACT NAME

Timothy McClellan, PE

c. POINT OF CONTACT TELEPHONE

502.315.6325

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size and cost)

Burgess & Niple provided complete, full-service A-E planning and design services; design project management from start of project to completion of construction; and continuous construction phase services including frequent site visits to interpret plans and to make field adjustments. The design meets the Army Sustainable Project Rating Tool (SPiRiT) "Silver" rating.

The \$14.5M project was the full restoration of the 600 man, J. Diamond U.S. Army Reserve Center (30,000 SF) located in New Orleans, Louisiana. The need for this project was created by Hurricane Katrina and the vandalism that followed. The project included the altering, repairing, and upgrading of the following six buildings:

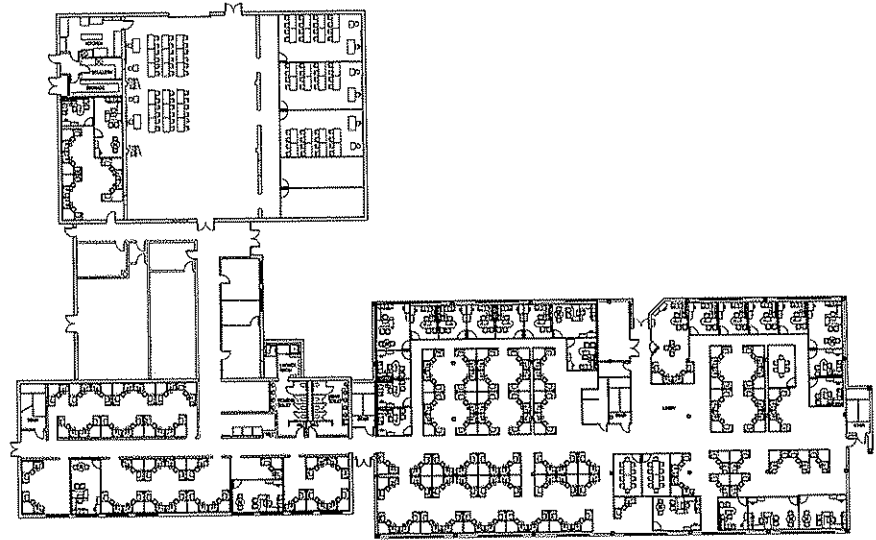
- J. Diamond USARC Training Building
- Unit Storage Building
- OMS Building (Organizational Maintenance Shop)
- OMS Administration Building
- AMSA Building (Area Maintenance Support Activity)
- Map Storage Building.



The work included full renovation or replacement of architectural, HVAC, plumbing, fire protection, electrical, and communication systems with miscellaneous improvements to structural systems. Approximately 80% of the building partitions were replaced, along with 100% of the mechanical and electrical systems, 100% of the windows, and about 50% of the roof. The site work included pavements, road repair, utility work, fencing, security gates, lighting, gate relocation, new concrete pad and other work as the site was mostly devastated by the storm and the aftermath.

New mechanical systems were retrofitted into four existing buildings for the J. Diamond Army Reserve Center. The main two story office and training building has heating and cooling provided through a four-pipe chilled and hot water system. Two existing chillers were reused and a third chiller was added. Two high efficiency boilers were included in the mechanical room. Further energy savings were realized through the use of a primary/secondary pumping system to circulate water. The new system uses variable air volume (VAV) air circulation with air handlers located in new mechanical rooms in the building located to minimize the length of duct runs. Variable frequency drives (VFDs) vary the air handler fan volume to reduce fan energy use.

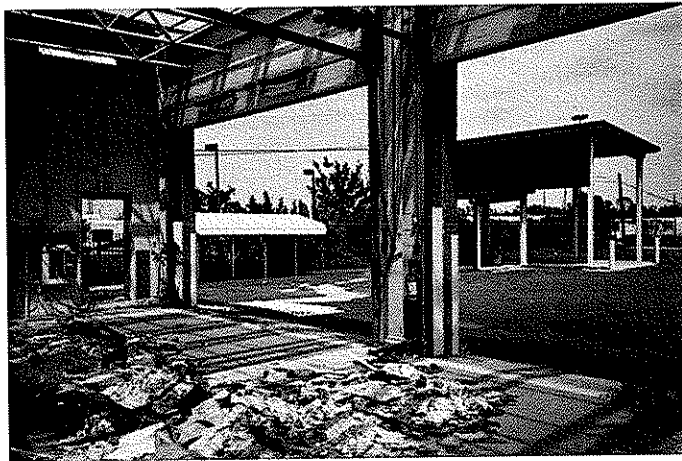
The OMS building is heated and ventilated only. The ventilation is provided by a direct-fired 92% efficient makeup air unit. Exhaust fans incorporate NO and CO sensors. The Map Storage Building uses heat pumps for heating and cooling the structure. The new system replaced old outdated equipment. In the Unit Storage building, B&N replaced old split systems with new efficient ones, and modified the ductwork to accommodate additional office space.



Power systems renovation included replacement or upgrades to existing services

to all out buildings and the main training and administration building. The majority of interior receptacles and branch circuits to equipment were replaced as part of the renovation. New interior lighting was provided and consists of high efficiency fluorescent fixtures with electronic ballasts. Lighting controls included automatic motion sensing to shut off lighting in occupied areas of the building. A new combination Fire Alarm and Mass Notification system was provided in all buildings. Access control and monitoring was installed for all areas of the main building.

The facility renovations complied with current/new building and life safety codes and ADA-ABA Accessibility Guidelines. The facilities are energy efficient and environmentally responsible.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Burges & Niple, Inc.	Cincinnati, Ohio	Full-service A-E design, site/civil, electrical, mechanical/plumbing/fire protection, structural, architecture, landscape and construction services
d.	Burges & Niple, Inc.	Cleveland, Ohio	Architectural and Mechanical Engineering Design Services

21. TITLE AND LOCATION (City and State) Brigade Combat Team Complex, Increment 2 - Dining Facility (DFAC), Ft. Lewis, WA	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES September 2007	CONSTRUCTION (If applicable) April 2008

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER USACE Seattle District	b. POINT OF CONTACT NAME Victor M. Ramos	c. POINT OF CONTACT TELEPHONE 206.764.4478
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size and cost)

This project is the second phase of a large-scale, multiple facility redevelopment at Ft. Lewis' North Fort sector. The Complex involved the construction of nine new buildings and all related site/civil infrastructure.

The multiple facilities in this Task Order included:
(1) Enlisted Personnel Dining Facility: \$12M (building only)

This LEED Silver, 26,500 square foot dining facility is designed for a capacity of 1,300 permanent personnel per meal and has a 624 seat dining room. The project meets the following criteria: UFC 4-010-01, UFC 3-250-18, UFC 3-550-3, UFC 3-600-01, UFC 3-250-01, UFC 1-200,01 and Army TBMED 530 criteria for food service sanitation.



The primary features of the EPDF include a dining room with a dramatic curved skylight, and a commercial food preparation kitchen which provides 3,900 meals per day, served in three shifts. Serving stations offer various choices including; full menu service, grill and short order items, salad bars, dessert stations and beverage bars. The exterior design was developed specifically for the local architecture of Fort Lewis.

The kitchen is full service and equipped for on-site preparation of all meals by a staff of 54, and contains over 300 pieces of equipment. Other functions include a smaller carry-out kitchen, high capacity dish wash room, dry storage rooms, public toilet rooms, queuing area, administrative and staff support areas, service and maintenance rooms, and a two-truck receiving dock.

The mechanical system for this project was designed primarily for ventilation and heating comfort. Mechanical building cooling is not utilized at Ft. Lewis with the exception of spot cooling in electrical and Communications rooms. Energy savings was attained through the use of a special kitchen hood control system which allows variable flow rates for hood ventilation based on use in order to conserve energy and make up air usage. The building's mechanical performance is controlled through a fully integrated UMCS system utilizing direct digital controls (DDC) which communicate with the base wide monitoring system at Ft. Lewis.

This facility utilizes a wet pipe sprinkler system which is fully integrated with a building wide fire alarm and mass notification system. These systems are connected to base-wide emergency response networks.

To meet the specific plumbing system needs of the building and kitchen, a combination of high temperature plastic piping and cast iron piping was utilized for this dining facility. An underground grease interceptor vault is provided for periodic removal of spent grease and oils.

The building's electrical system is powered from a new 1380V, 3-phase underground service encased in a concrete duct bank. Luminaires are provided for each interior area in compliance with the recommendations of the Illumination engineering society of North America (IESNA) and ASHRAE 90.1. The primary lamp sources for general lighting are T8 and compact fluorescent.

Site improvements include; site development, parking lots, landscaping and sidewalks, and a supporting dumpster/recycle storage building (LSB).

This project was awarded the "Seattle SAME Post Design Excellence Awards, Small Business, Silver Award."

Continuation of the multiple facilities included in this Task Order:

(1) Medium TEMF: \$8.5M (building only) (+\$7M site/utilities)

This 35,290-gsf facility included a 10-ton bridge crane and 30,706 sy of hardstand to accommodate 290 tactical vehicles and equipment. Three additional storage buildings totaling 13,510 sf were also included in the program.

(1) Medium TEMF: \$8.3M (building only) (+\$7M site/utilities)

This 35,290-gsf facility included a 10-ton bridge crane and 36,608 sy of hardstand to accommodate 384 tactical vehicles and equipment. Three additional storage buildings totaling 8,320 sf were also included in the program.

(1) COF 5-Company: \$14M (building only)

This facility included a 15,975-sf Administration Module and a 43,446-sf Readiness module. Total covered hardstand area was 10,326 sf.

(1) COF 6-Company: \$14.8M (building only)

This facility included a 16,836-sf Admin Module and a 47,540-sf Readiness module. Total covered hardstand area was 11,340 sf

(3) Large Battalion Headquarters: \$5.8M each (building only)

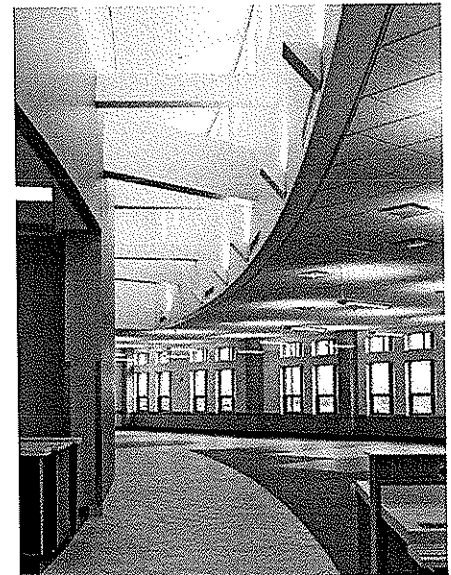
Each headquarters had program area of 17,800 sf

(1) Brigade Headquarters: \$9.9M (building only)

All of the new facilities meet **LEED Silver** status. The buildings of the BCT project follow the Army's **Anti-terrorism Force Protection (ATFP)** requirements. Facilities were designed to meet secure stand-off distances from roads and parking lots. Special design consideration was given to control vehicular access points. Special structural reinforcing was used in the building walls to meet blast resistance requirements for all windows. Landscape and exterior building elements are carefully arranged to minimize the threat of concealed explosives.

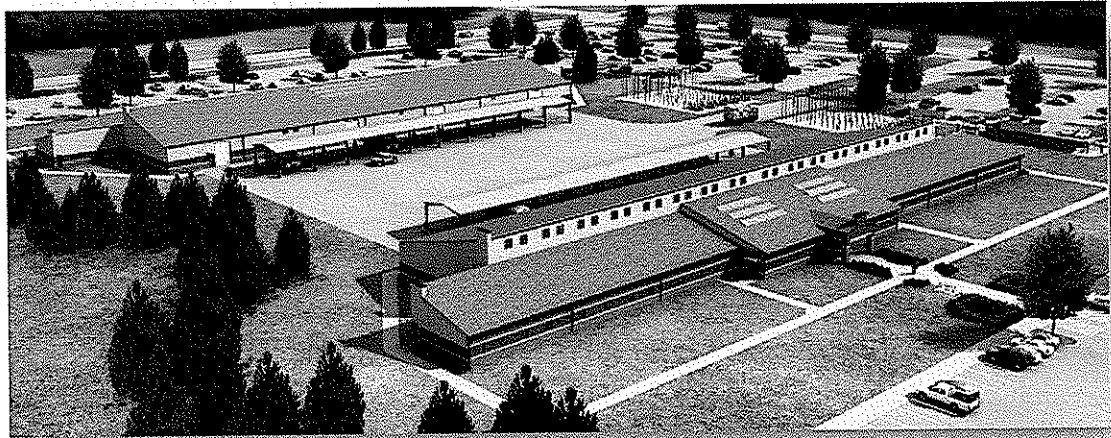
The dining facility was designed to meet **LEED Silver**, employing numerous energy saving and sustainable design features. B&N solved the difficult challenge to achieve a 30 percent energy savings in a building with a large commercial kitchen operating at full capacity year round. Sustainable design and construction practices included:

- 30 percent energy savings by using special kitchen hood controls.
- All four LEED points for innovative design were earned (low mercury light fixtures, exemplary performance in open green space for the facility, water saving technology, and construction waste management).
- Increased outdoor ventilation air above the ASHRE 55 requirements was provided to improve the indoor environmental quality.
- Air quality monitoring devices.
- Low VOC building materials.
- Water efficient landscaping.
- Storm water management (storm water quality and quantity).
- Reflective roof material (white TOP and reflective coated green at a high slope) to reduce the heat island effect from the roof.
- Materials with recycled content were used such as steel, porcelain tile, ceiling tile, metal studs, and other materials.
- Materials that were harvested and manufactured within 500 miles of the project were used such as face brick, concrete block, gypsum wall board, concrete, and metal studs.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. Burges & Niple, Inc.	Cincinnati, Ohio	B&N was the Designer of Record for the EPDF. Burgess & Niple served as overall Design Project Manager, Quality Assurance Quality Control Manager, and Prime LEED Coordinator for the overall Design-Build contract for this Complex.
c. Burges & Niple, Inc.	Parkersburg, WV	Landscape Architecture Services



Whole Barracks and Company Operation Facility Renewal

Ft. Bragg, North Carolina

The Burgess & Niple team completed design in October 2009 with December 2010 set for completion of construction. B&N provided complete, full-service A-E planning and design services for this new \$89.6 million project which includes two barracks (222 and 288) and two Company Operations Facilities (BSB and RSTA). B&N also provided project management and civil design services for the Company Operations Facilities. All projects are designed to obtain a USGBC LEED® Silver rating. Burgess & Niple is managing all LEED® efforts. This complex meets all Anti-Terrorism / Force Protection (AT/FP) requirements.

The COF facilities provide the Army with a building solution which is based on function, durability, and value. Each of the two Company Operations Facilities (78,857 SF) hold Administrative and Readiness functions for four Companies. The design of the storage, staging and administrative areas include durable finishes, efficient use of space, and reliable building systems.

Each readiness bay is an open Gear Storage space with TA-50 storage lockers for each soldier and layout spaces sized 5' x 8' to accommodate 50% of the soldiers. Each Company area within the Readiness Module has a concrete weapons vault. Storage spaces including unit storage, comm. storage and NBC storage are located adjacent to the exterior access to the hardstand for convenience at deployment. Platoon offices are located on the second level which is open to the Gear Storage. This location in the Readiness module provides soldiers easy access to both the Readiness area and the other Administrative areas.

The last component of the Company Operations Facilities is the exterior covered hardstands, located adjacent to the Readiness Module which accommodates a laydown space for 25% of the company personnel. Each of the 6,684 square foot hardstand covers is an open-sided, steel frame structure with a metal roof matching the Readiness Module.



Grow the Force Unit Ops (ENGR) Phase "A" Company Operations Facility

Ft. Campbell, Kentucky

Presently under construction, B&N is providing full A-E services including Design Project Management through the completion of construction for the new \$11.6M Company Operations Facility (COF). The COF contains Administrative and Readiness functions for a total of four Companies. The facility includes a two-story Administration Building, two stand-alone Readiness Buildings (each readiness building includes two Companies), and two covered hardstands (accommodating two Companies each), as well as the related civil, and infrastructure improvements associated with the building site.

The Administration portion of the COF is located equally between the Readiness Buildings to provide quick access to the Company Modules. The Readiness Module is based on standard modules sized for the appropriate number of personnel in each Company. The location of the Readiness Modules provides soldiers easy access to both the Hardstand areas and the Administrative Building. The last component of the COF is the exterior covered hardstands, which are located adjacent to the individual Readiness Modules. Two separate covered hardstand areas are provided for this facility.

The Administration portion of the facility is an 8,060 gross square feet per floor two-story, non-combustible, masonry structure with load bearing walls, steel bar joists, and light gauge steel trusses. The proposed Readiness Buildings are a one-story pre-engineered metal building structure. The total gross square footage of the 200 personnel Readiness module is approximately 10,400 gross square feet and approximately 14,970 gross square feet for the 300 personnel Readiness Module. This project has been designed to achieve a LEED® Silver rating. The complex meets all Anti-Terrorism / Force Protection (AT/FP) requirements.



USCG Rebuild Station Gulfport

Gulfport, Mississippi

Burgess & Niple provided full A-E services for the design of a new \$16.4M three-story facility to replace the Station destroyed by Hurricane Katrina. The Station has search and rescue and homeland defense missions. It includes a 26,104 SF Station building, a 3,280 SF boat storage facility, architectural security fencing, a 100' telecommunications tower, an elevated electrical transformer platform, and parking and paved areas on a 2.37-acre site.

To protect the station, B&N designed for a Category 4 hurricane (160 mph winds). CMU tip-over walls and over 233 lineal feet of interior CMU breakaway walls were designed to sustain the hurricane force winds but tip over in the event of an 18-foot storm surge above high tide to allow the water to flow through the building without imposing too much load on the concrete frame structure. The design placed all major mechanical and electrical equipment on the second floor to protect it against storm damage. This approach is likely to leave the station operational in the face of another emergency storm situation, enhancing mission effectiveness for the USCG. The design was coordinated to meet federal and local considerations and the facility is designed to be LEED® Certified.

The team saved the government money by developing an alternate site plan that eliminated the need to remove the existing pilings and abandoned infrastructure from the destroyed station. Also, the team went to deeper & longer pre-cast piles in lieu of timber piles resulting in a better foundation and a more solid, stable building.

This facility was designed to Anti-Terrorism/Force Protection, security, and access control requirements.



Brigade Transformation Company Operations Facility

Ft. Riley, Kansas

This project is currently in the design phase with anticipated construction completed in 2011. As part of the design-build team, Burgess & Niple designed the \$9M Brigade Transformation Company Operations Facility at Fort Riley, Kansas. The COF facility includes a combined Administration/Readiness Building and Covered Hardstand, and related site improvements. The site and building designs for this project comply with the requirements of Unified Facilities Criteria (UFC) 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.

The 15,130 SF Administration portion contains Company Offices for four companies and is located to provide immediate access to the 34,799 SF Company Readiness Module. The Readiness Modules are based on groupings of standard modules, sized to accommodate the number of personnel in each company. Platoon offices are located in the first floor administrative area with additional space provided for future platoon offices on the mezzanine. The location of the Readiness Module provides soldiers easy access to both the Readiness Area and other Administrative Areas. Windows have been provided in both the Administration Area and Readiness Module to provide natural light. The location and size were selected to maximize the amount of natural light brought into each space.

The facilities are designed in a manner consistent with design and construction methods utilized on similar office/warehouse buildings in the civilian sector. The level of quality and materials for the proposed facilities is intended to offer a 25-year useful life before needed renovations, and 50 years before possible replacement. Site infrastructure improvements are expected to meet a 50-year life expectancy.



Consolidated Drill Sergeant School Complex

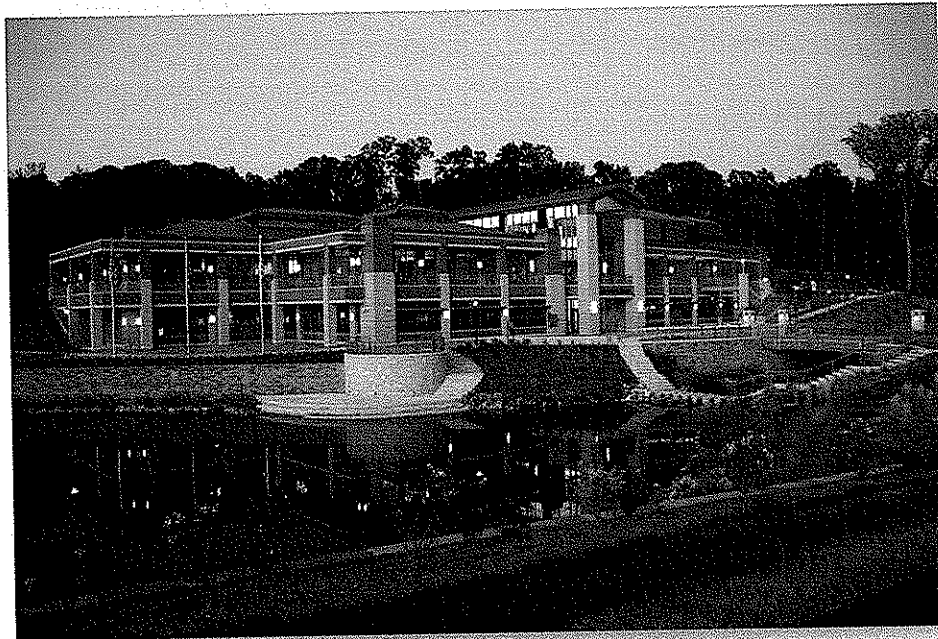
Ft. Jackson, South Carolina

The \$17.2M Consolidated Drill Sergeant School Complex creates a campus with the major four components of this project: a 59,960-square foot headquarters administration and classroom facility (HACF), 18,000 square foot dining facility (DFAC), 400m running track, and provisions for 366 additional parking spaces. The layout allows a planned future barracks development to seamlessly expand the campus.

The building design projects a professional and business-like presence while incorporating quality of life touches such as interior courtyards, lightwells and interior skylights. The site design resolves previous site circulation issues and provides space for construction of the planned future barracks complex.

Anti-Terrorism / Force Protection (AT/FP) requirements are met in a variety of ways including; Standoff concerns are resolved by providing eighty two foot perimeter setbacks with rated Vehicle Crash Barriers at all loading docks. Progressive collapse was not required due to the creative two story design solution. Window blast loads were fully calculated and incorporated. Finally, landscaping and site features carefully follow the prescribed height and setback requirements while allowing colorful and attractive plantings to enhance the campus style feel of the design.

Ever aware of sustainable design and the impact of construction on our environment, this complex was designed to a LEED® Silver rating.



Anderson Township Government Center and Performing Arts Center

Anderson Township
Hamilton County, Ohio

The new \$22M Government Center for Anderson Township in Hamilton County, Ohio, known as Anderson Center for this 45,000 resident Township, was completed in March 2008. The 56,000-square foot government facility is located in a 20-acre park setting. The facility is nestled into a wooded hillside, overlooking a lake. The lake also serves as the detention basin for a 317-acre watershed. It has approximately 10 acre-feet of storage. Anderson Center is the main facility in the complex. It contains space for the Township's Board of Trustees, Administration, Development Services, Road Services, Fire Chief, Hamilton County Sheriff Offices, and the Township Attorney's and Chief Fiscal Officer's Offices. The facility features a 900-square foot Emergency Operations Center and back-up power generation for 100% of the facility. It also houses a complete 225-seat Performing Arts Theater designed for local community players, office space for the local Chamber of Commerce, a television studio and office space for the Anderson Township Community Television Station (local cable access station), a large History Room for permanent display of historical artifacts, a 200-seat multi-purpose room, and kitchen for community use.

The building and lake incorporate many sustainable/green design strategies, most notably the approach to daylighting within the building. B&N designed 12-foot-high glazed openings with high-performance glazing, sun shading devices, light shelves and interior windows to diffuse the daylight and bring it deep into the building. Along with occupancy sensors and indirect lighting, this approach reduced the level of ambient lighting and allowed the cooling system to be downsized. The high quality work environment features access to operable windows, daylight, and views at nearly all regular work stations. Other sustainable design aspects include an innovative duct system for recirculating warm air in the atrium, exterior lighting strategies that control light pollution, and a landscaping plan that requires no irrigation.



APPENDIX C

REQUIRED BID FORM

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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.

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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

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.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Burgess & Niple, Inc.

Authorized Signature: *Ramey D. Helbert* Date: April 12, 2010

State of West Virginia

County of Wood, to-wit:

Taken, subscribed, and sworn to before me this 12th day of April, 2010

My Commission expires August 14, 2015, 2015

AFFIX SEAL HERE

NOTARY PUBLIC *Joyce A. Halley*

