

June 14, 2010

Mr. Chuck Bowman
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305-0130

RE: DEFK10019 - WEST VIRGINIA ARMY NATIONAL GUARD READINESS CENTER

Dear Mr. Bowman and Members of the CFMO Selection Committee:

Clark Nexsen is pleased to make this submittal for the West Virginia Army National Guard Readiness Center located in Buckhannon, West Virginia. Our firm has extensive experience with similar projects and believes we can offer a unique degree of expertise to the West Virginia Army National Guard throughout all phases of the project.

Clark Nexsen is a full-service firm, offering architecture, engineering, planning, landscape architecture, and interior design. We believe that there is value in having these multi-disciplined services available for an integrated design solution. In addition, Clark Nexsen has made a commitment to promoting sustainable design on all of our projects. As a firm, we have over **180 LEED Accredited Professionals** who ensure that sustainable design elements are incorporated into every project. Our experience in the design of similar facilities includes the following:

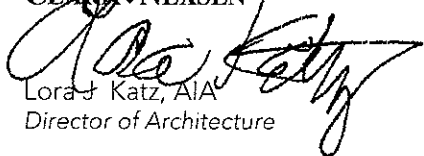
- **Bogalusa Readiness Center**, Louisiana Army National Guard, Bogalusa, Louisiana
- **Operations Training Support Facility**, NAVFAC Mid Atlantic, Virginia Beach, Virginia
- **Joint Transformation & Experimentation Center**, US Joint Forces Command, Suffolk, Virginia
- **U.S. Joint Forces Command Joint Deployment and Maritime Operations Center**, NAVFAC, Norfolk, Virginia
- **TRADOC Headquarters Relocation**, U.S. Army Corps of Engineers, Fort Eustis, Virginia
- **Ranger Special Battalion SOF Battalion Complex & TEMF Facilities**, U.S. Army Corps of Engineers, Fort Benning Georgia
- **Brigade Team 2 Complex**, U.S. Army Corps of Engineers, Fort Campbell, Kentucky
- **U.S. Coast Guard Operational Command Center**, Tidewater, Virginia

The professionals proposed for this project team have vast experience with government projects and the design of readiness and training facilities, including such projects individual components. They are dedicated to providing high quality, personalized service to the West Virginia Army National Guard. Our goal is to consistently exceed your expectations throughout all phases of the project.

We would welcome the opportunity to work with the West Virginia Army National Guard on the design of this exciting project.

Sincerely,

CLARK • NEXSEN


Lora J. Katz, AIA
Director of Architecture

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PURCHASING DIVISION
STATE OF WV

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

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

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6)

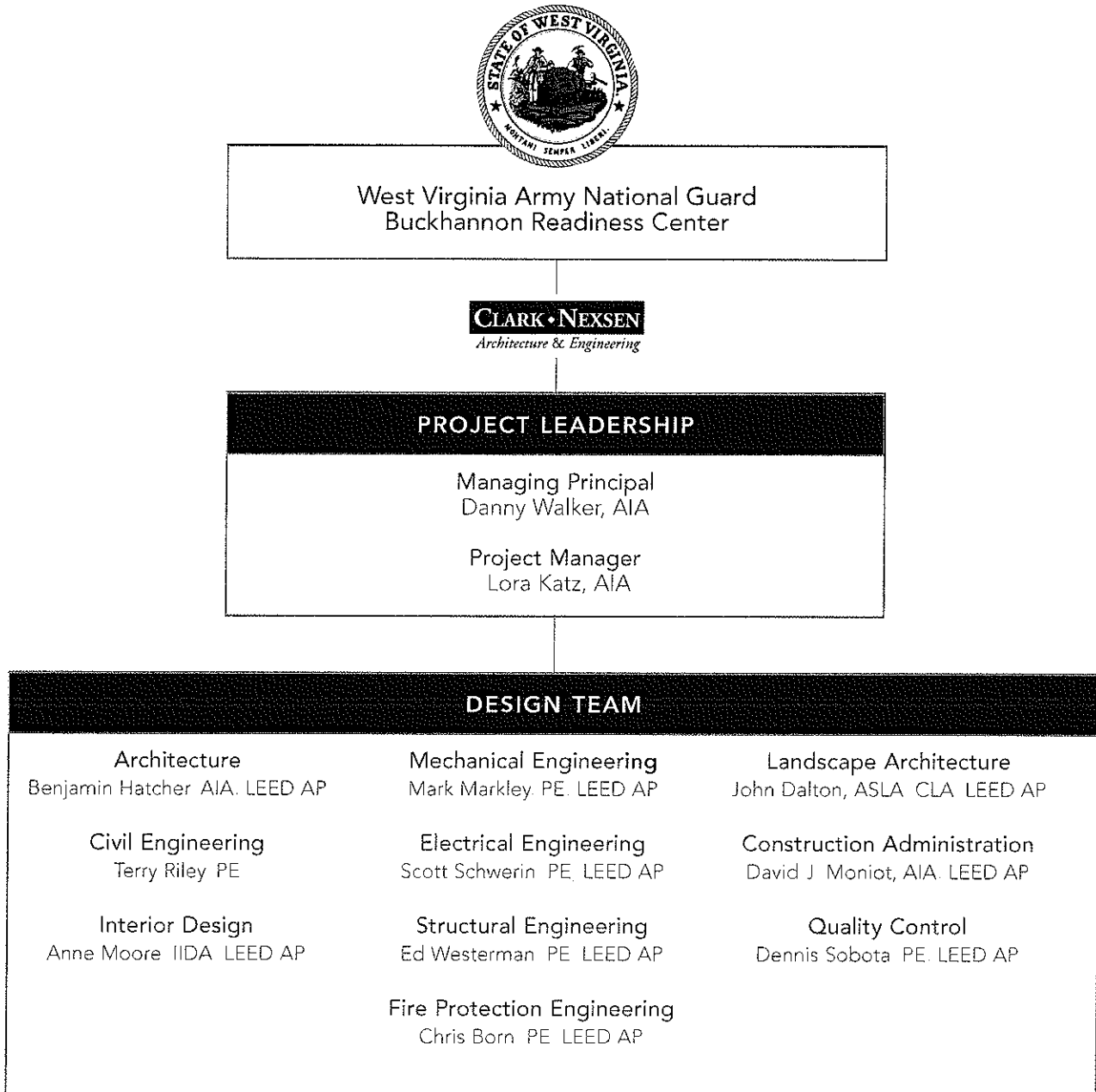
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Qualifications of Personnel

Project Team Organization

- » We have assembled an experienced project team that integrates the best in architecture, civil engineering, mechanical engineering, electrical engineering, structural engineering, sustainability, fire protection engineering, and construction administration with a focus on administrative facilities.



Education

Bachelor of Architecture
Hampton University,
1985

Registration

Registered Architect
Virginia
Alabama
Georgia
Kansas
Louisiana
Maryland
Montana
New Mexico
Ohio
South Carolina
Texas
Washington, DC

Professional Organizations

American Institute of Architects
(AIA)

Years of Experience

32

Mr. Walker has 32 years of experience as an Architect, Project Manager and Managing Principal. His responsibilities have included all aspects of design from initial client contact through construction administration and project closeout. Mr. Walker maintains his commitment to ensuring that every client is provided with all the information needed to make informed decisions and to take whatever steps are necessary to keep projects progressing forward within the client's schedule.

Mr. Walker leads one of Clark Nexsen's four full-service design teams. In this capacity, he is responsible for managing the day-to-day efforts of over 30 highly skilled design professionals. Dan's design team is made up of every design discipline required for this project including architects, landscape architects, civil, structural, mechanical, electrical and fire protection engineers. Once a project has been designed and transitions into the construction phase, Mr. Walker will remain involved in the coordination of construction administration services.

RELEVANT EXPERIENCE

RSTB Special Operations Forces (SOF) Battalion Complex & TEMF Facilities

Fort Benning, Georgia

This project will provide for the design of three new buildings at Fort Benning: Battalion Headquarters of 23,700 SF that will provide space for administrative and command operations; Company Operations Facility of 49,500 SF to accommodate administrative operations and store supplies; and Tactical Equipment Maintenance Facility of 11,800 SF for maintaining and repairing vehicles.

108th Air Defense Artillery TEMF

Fort Bragg, North Carolina

The Tactical Equipment Maintenance Facilities (TEMF) proposed will support three battalions by providing facilities for the maintenance and repair of vehicles including equipment and parts storage and administration space.

Brigade Team 2 Complex

Fort Campbell, Kentucky

The Tactical Equipment Maintenance Facilities (TEMF) proposed will support six battalions by providing facilities for the maintenance and repair of vehicles including equipment and parts storage and administration space.

FY07 Airmen Dormitories

Minot Air Force Base, North Dakota

The total dormitory campus at Minot AFB contains approximately 80 acres. The FY07 Airman Dormitory will be located within the northwest quadrant of the campus and is known as Phase I of a seven-phase proposed Master Plan development. Parking, site utilities, stormwater management, electrical distribution, parking lot and street lighting, site lighting around all of the buildings, recreational areas, and other associated site improvements will be provided for a complete project. Clark Nexsen was tasked with designing a new dormitory facility that will accommodate a total of 144 airmen as well as prepare an updated master plan for the entire dormitory campus. The current concept of the FY07 Dormitory will consist of two separate buildings with each building containing 72 single occupancy bedrooms. Demolition of two existing dormitory buildings, including asbestos abatement, will occur after the FY07 dormitory construction is complete and the current occupants will be relocated to the new dormitory buildings.

Education

Master of Architecture
North Carolina State University
1985

Bachelor of Fine Arts
Interior Design
Virginia Commonwealth
University
1980

Registration

Registered Architect
North Carolina
South Carolina
Virginia
Washington, DC

NCARB Certified

Professional Organizations

American Institute of Architects
(AIA)

Years of Experience

25

Ms. Katz has 25 years of experience as an Architect and Interior Designer on a variety of projects including military, hospitality, institutional, justice, commercial, and office facilities. She also has worked on many historic renovation projects. She is known for working closely with clients to develop exciting and appropriate design solutions for their program and budget.

As a licensed architect and interior designer, Lora is skilled in developing projects that exceed the expectations of the owner without exceeding their budget. Resourceful by nature, she has an intuitive understanding of how to achieve the desired results in many project types. Her strength lies in concerted and deliberate investigation into a client's unique issues and intentions and then producing the best possible solution.

Lora began her career in interior design before attending graduate school in architecture. This combination of architecture and interior design experience proves to be a valuable tool when planning facilities with her clients.

RELEVANT EXPERIENCE

Indefinite Delivery Contract*

West Virginia Air National Guard
Martinsburg, Virginia

Project Architect and Designer in the creation of the WVANG's award-winning design guide that is being used to steer development and construction of all new C-5 bed down facilities at the Martinsburg base. *(Letter of recommendation follows)*

BRAC 2005 Indefinite Delivery/Indefinite Quantity Contract*

U.S. Army Corps of Engineers
Fort Meade, Maryland

Lead Architect for the USAF Global SIGINT Operations Center and the adjudication activities co-location facility.

Roanoke Times Renovation*

Roanoke, Virginia

Project Manager, Project Architect, and Interior Designer for the development of the master plan & departmental renovations.

Bedford Learning Resource Center Renovation

Central Virginia Community College
Lynchburg, Virginia

The existing 24,000 SF two-story library was renovated to create a learning environment consistent with current standards, trends and student needs. The renovations include a new elevator and main stairs, support areas and amenities that include full smart classrooms, a testing center, distance learning, computer carrels, study carrels and a studio production area. New furniture was provided throughout the library including book shelving and a circulation counter.

Term Contract for A/E Services

Virginia Military Institute
Lexington, Virginia

Task orders included: Kilbourne Hall plaza study, master plan updates, improvement of the Military Leadership Field Training Grounds, and Cormack Hall redesign for pre-planning study.

**Experience While Employed Elsewhere*



**DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 167TH AIRLIFT WING (AMC)
222 SABRE JET BLVD
MARTINSBURG WEST VIRGINIA 25405-7704**

Lt. Col Bill Burkhart
167th AW/C-5
222 Sabre Jet Boulevard
Martinsburg, WV 25405-7704

03 October 2008

To Whom It May Concern:

I am pleased to introduce to you Lora J. Katz, AIA, Director of Architecture at Clark Nexsen Architecture and Engineering. I had the pleasure of working with Ms. Katz during her employ at Hayes, Seay, Mattern and Mattern on several Government contracted projects. Ms. Katz proved to be an excellent addition to our project team and her knowledge of her career field made her a great asset. Please accept my warmest regards for Ms. Katz as well as her competency and proven ability to work professionally with the Government.

Sincerely,

A handwritten signature in black ink, reading "Bill B. Burkhart", is positioned above the typed name.

Bill B. Burkhart, LTC, WVANG
C-5 Conversion Project Lead Engineer
Tel: 304.616.5394 DSN: 242.5394
Fax: 304.616.5591 DSN: 242.5591

Education

Bachelor of Science
Environmental Design
Architecture
North Carolina State University
1974

Registration

Registered Architect
West Virginia
North Carolina
Virginia

LEED Accredited Professional

Professional Organizations

American Institute of Architects
(AIA)

Years of Experience

36

Mr. Hatcher has been practicing Architecture for 36 years including a significant amount of Department of Defense experience. Working through the Corps of Engineers, Norfolk District, Mr. Hatcher has completed projects at Fort Eustis, Fort Monroe, Fort Story and Langley AFB. He has worked directly for the Training and Doctrine Command as well as the USAF Air Combat Command. As architectural task manager for an IDIQ contract with the Norfolk District, Mr. Hatcher supervised project programming and conceptual design feasibility studies for the new Army Logistic Management College (ALMC), the Mortuary Affairs Training Center and the Garrison Training Facility; all at Fort Lee, VA. Mr. Hatcher brings to the project team a broad base of design experience along with thorough understanding of ACOE procedures.

RELEVANT EXPERIENCE

Headquarters Facility, Defense Distribution Center

U.S. Army Corps of Engineers
New Cumberland, Pennsylvania

The DoD command component for the project is the Defense Logistics Agency (DLA) headquartered on Fort Belvoir, VA. Defense Distribution Center (DDC) is a subordinate command of DLA headquartered on Defense Distribution Depot Susquehanna, Pennsylvania (DDSP), one of its 25 Distribution Centers located worldwide and the installation of the project. The project includes the demolition of several buildings. Building 351 is to be demolished to accommodate the new facility. Building 81 is to be demolished after the new facility is completed and personnel have moved out of Building 81 and into the new facility. Also to be demolished after the new facility is occupied are Buildings 403 and 404 and up to two more additional similar

buildings which may be constructed in the near future to accommodate the constantly growing staff. DLA wants the new facility to be a showcase and would like the project to achieve a minimum LEED Gold rating.

TRADOC Headquarters Code Services

Fort Eustis, Virginia

Clark Nexsen developed the Design-Build RFP for the relocation of Headquarters, Training and Doctrine Command (TRADOC) from Fort Monroe, VA to Fort Eustis, VA. The project includes construction of a New Headquarters Building (263,676 SF) and the required site improvements and supporting facilities. The New Headquarters Building accommodates approximately 1,220 personnel in open administrative office areas, private offices, administrative support areas and Commanding General and General Officer Suites. Special functions include Sensitive Compartmented Information Facility (SCIF), secure operational and unclassified conference and Video Teleconference (VTC) space, Special Access Programs Facility (SAP), Operations Center (OC), and a secure VTC capable auditorium.

Command & Control Facility

Fort Bragg, Virginia

Clark Nexsen prepared a Project Definition Report and Parametric Cost Estimate for the construction of a multi-story command headquarters building for the 82nd Airborne Division. The purpose of the documents was to validate the program requirements and budget for the proposed new facility prior to the development of a Design-Build RFP. The project is based on the criteria outlined in UFC 4-140-03 Command and Control Facilities Standard Design.

Education

Master of Engineering
Civil Engineering
University of Virginia
1999

Bachelor of Science
Civil Engineering
Virginia Tech
1993

Registration

Professional Engineer
West Virginia
Arizona
Colorado
Florida
Kansas
Maine
Maryland
North Carolina
Ohio
Oregon
Virginia
Washington
Washington, DC

Structural Engineer
Illinois
Nebraska

Professional Organizations

Virginia Society of Professional
Engineers (VSPE) - Past President

American Society of Civil
Engineers (ASCE)

National Society of Professional
Engineers (NSPE)

American Concrete Institute (ACI)

American Institute of Steel
Construction (AISC)

Virginia Structural Engineers
Council (VASEC)

Years of Experience

14

Mr. Westerman has 16 years of structural engineering experience with a variety of project experience including analysis and design of new buildings, pump stations, waterfront structures, renovation / rehabilitation of existing facilities and preparation of inspection reports. From schematic design to construction administration, he has provided structural engineering services for a broad range of federal, state, municipal, and commercial clients. In addition, Mr. Westerman is equally adept with the Design-Bid-Build and Design-Build delivery methods.

RELEVANT EXPERIENCE

Headquarters Facility, Defense Distribution Center

U.S. Army Corps of Engineers
New Cumberland, Pennsylvania

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near future to accommodate the constantly growing staff. DLA wants the new facility to be a showcase and would like the project to achieve a minimum LEED Gold rating.

FBI Administrative & Technical Support Building

FBI Academy
MCAS Quantico, Virginia

Site Analysis, Programming, and CIRG Master Plan Development for Administrative and Technical Support Facility. This phased construction combines various components into one complex of facilities totaling over 47,800 SM (~514,300 SF) onto one site. The Administration and Technical Support Facility includes administrative offices for over 400 personnel, food service facilities, multimedia training classrooms, warehousing storage, physical agility training facilities, vehicle storage, and a 400-car parking garage.

NRHA Headquarters

Norfolk Redevelopment Housing Authority
Norfolk, Virginia

This project provides a new corporate headquarters for Norfolk Redevelopment and Housing Authority on their existing maintenance facility site on Ballentine Boulevard in Norfolk, Virginia. The project includes a new 3-story, 46,000 SF office building, renovation of approximately 8,000 SF of existing warehouse space for new office functions, and extensive re-work of the existing site due to demolition of some existing buildings and the need to re-grade for improved stormwater drainage.

Education

Master of Science
Management of Technology
Georgia Institute of Technology
2000

Bachelor of Science
Electrical Engineering
Georgia Institute of Technology
1991

Registration

Professional Engineer
Alabama
Arizona
Colorado
Maine
Nebraska
North Carolina
Ohio
Oregon
South Carolina
Virginia

Construction Documents
Technician (CDT)

LEED Accredited Professional

Professional Organizations

National Society of Professional
Engineers (NSPE)

Virginia Society of Professional
Engineers (VSPE)

International Engineering Society
(IES)

LEED Green Building Certification
Institute

Years of Experience

20

Mr. Schwerin has 20 years of design experience. His experience in the design process is extensive and includes preparation of preliminary studies, construction drawings, specifications and cost estimating. Mr. Schwerin has directed the electrical design and installation of industrial and commercial projects that include healthcare facilities, a cruise ship terminal, convention center, administrative buildings, and tire-manufacturing facilities. He is experienced in the design of electrical substations and switchgear, power distribution systems, relay protection systems, lighting systems, UPS systems, communications systems, and process control systems.

RELEVANT EXPERIENCE

Headquarters Facility, Defense Distribution Center

U.S. Army Corps of Engineers
New Cumberland, Pennsylvania

The DoD command component for the project is the Defense Logistics Agency (DLA) headquartered on Fort Belvoir VA. Defense Distribution Center (DDC) is a subordinate command of DLA headquartered on Defense Distribution Depot Susquehanna Pennsylvania (DDSP), one of its 25 Distribution Centers located worldwide and the installation of the project. The project includes the demolition of several buildings. Building 351 is to be demolished to accommodate the new facility. Building 81 is to be demolished after the new facility is completed and personnel have moved out of Building 81 and into the new facility. Also to be demolished after the new facility is occupied are Buildings 403 and 404 and up to two more additional similar buildings which may be constructed in the near future to accommodate the constantly

growing staff. DLA wants the new facility to be a showcase and would like the project to achieve a minimum LEED Gold rating.

Barracks-C 3rd Brigade Barracks Complex
Fort Bragg, North Carolina

Clark Nexsen designed the 3rd Brigade Barracks Complex, Fort Bragg, NC to address the growing needs of the 82nd Airborne to meet their mission responsibilities and provide a quality of life environment for their soldiers. The project included the demolition of fourteen existing buildings and the construction of two six-story barracks buildings to house 768 soldiers (297,600 SF), a new dining facility (27,550 SF), two battalion headquarters buildings (38,178 SF), ten company operations facilities (115,712 SF) and a new battalion aid station (3,600 SF). This project included mechanical, electrical, fire protection, energy monitoring, and control and information systems. Supporting facilities included site utilities, electrical service, paving, parking, outdoor training and recreation areas, walks, curbs, and gutters and communications via duct bank/manhole system.

FY07 Airman Dormitory
Minot, North Dakota

Project includes the design of a new dormitory facility that accommodates a total of 144 airmen as well as the preparation of an updated master plan for the entire dormitory campus. Demolition of two existing dormitory buildings including asbestos abatement occurred after the FY07 dormitory construction was complete and the current occupants were relocated to the new dormitory buildings.

Education

Bachelor of Science
Interior Design
Virginia Tech
2005

Registration

Certified Interior Designer
Virginia

LEED Accredited Professional

NCIDQ Certified

Years of Experience

1

Ms. Moore has extensive experience in interior design for office and administrative facilities as well as dining and academic facilities. She is a graduate from the CIDA (FIDER) accredited and nationally recognized Interior Design program at Virginia Tech. In addition to her hands-on project experience, she served as the President and Treasurer for Interior Designers for Education and Sustainability. As a LEED Accredited Professional, Anne can assist in implementing sustainable design features into every aspect of a building's interior design and space programming.

RELEVANT EXPERIENCE

P-010 EODOSU Ordnance Operation Facility
Naval Amphibious Base Little Creek
Norfolk, Virginia

The P-010 project will construct a two-story operations facility for Explosive Ordnance Disposal Mobile Unit TEN (EODMU TEN) being relocated to NAVPHIBASE Little Creek Virginia, Norfolk, VA. It will house administrative spaces, high bay operational storage space, showers and lockers, and a safety office. The facility provides space to accommodate rapid mobilization of EOD Mobile Units, and to conduct mission planning, daily physical training, logistics and support.

Warrior Transition Unit Administrative Complex

Bethesda, Maryland

The Warriors in Transition Campus will include a bachelor enlisted quarters (BEQ), dining hall, administration facility to the Physical Fitness Center, administration parking garage, and Building 17 Facility that provides access to the main entrance.

TRADOC Building 661 Renovations
Fort Eustis, Virginia

The design concept for the TRADOC Building 661 encourages collaboration, productivity, and efficiency. The interior atmosphere is warm, professional, and inviting with timeless appeal. Finishes and materials will sustain long-term value and are functionally appropriate based on the intended use of space. The color palette is consistent with the design approach which is intended to provide a positive, energizing, and stimulating environment for personnel to perform the technical, administrative, and maintenance tasks relevant to the facility's purpose. Selections augment the lighting design and available daylight and coordinated accent colors contribute to an overall cohesive appearance for the facility.

Experience While Employed Elsewhere:

Bank of America Corporate Center 17th Floor Renovation
Charlotte, North Carolina

The Department of State Office Buildout
Washington, DC

The Carlyle Group Office Renovation
Menlo Park, California

The Carlyle Group Office Renovation
Los Angeles, California

The Carlyle Group Office Buildout
Charlotte, North Carolina

The Carlyle Group Corporate Headquarters 3rd Floor Renovation
Washington, DC

The Carlyle Group Office Buildout
San Francisco, California

The Carlyle Group 39th Floor Renovation
New York, New York

S E T. Corporation Office Renovation
Arlington, Virginia

Education

Master of Science
Engineering Management
Old Dominion University
1995

Bachelor of Science
Fire Protection Engineering
University of Maryland
1987

Registration

Professional Engineer
West Virginia
Alabama
Arizona
California
Colorado
Florida
Georgia
Illinois
Kentucky
Maryland
Maine
Nebraska
New York
North Carolina
Ohio
Oklahoma
Pennsylvania
South Carolina
Tennessee
Texas
Virginia
Washington
Washington, DC

LEED Accredited Professional

Professional Organizations

National Fire Protection
Association (NFFA)

Society of Fire Protection
Engineers (SFPE)

National Society of Professional
Engineers (NSPE)

Years of Experience

23

Mr. Born has 23 years of experience in the design and construction of government private and commercial facilities. Chris' experience covers many types of fire protection systems including wet pipe, dry pipe, preaction and deluge sprinklers, fire standpipes, fire pumps and clean agent gaseous suppression systems.

Prior to being employed at Clark Nexsen, Mr. Born worked for over 7 years at the Atlantic Division, Naval Facilities Engineering Command (NAVFAC Atlantic), including a brief period as the acting head of the fire protection engineering branch of the Engineering and Design Division. He is a licensed fire protection engineer in multiple states and is also a member of several professional organizations including NSPE, NFPA, and SFPE.

RELEVANT EXPERIENCE

Headquarters Facility, Defense Distribution Center

U.S. Army Corps of Engineers
New Cumberland, Pennsylvania

The DoD command component for the project is the Defense Logistics Agency (DLA) headquartered on Fort Belvoir, VA. Defense Distribution Center (DDC) is a subordinate command of DLA headquartered on Defense Distribution Depot Susquehanna, Pennsylvania (DDSP), one of its 25 Distribution Centers located worldwide and the installation of the project. The project includes the demolition of several buildings. Building 351 is to be demolished to accommodate the new facility. Building 81 is to be demolished after the new facility is completed and personnel have moved out of Building 81 and into the new facility. Also to be demolished after the new

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NRHA Headquarters

Norfolk Redevelopment Housing Authority
Norfolk, Virginia

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Barracks-C 3rd Brigade Barracks Complex

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Education

Bachelor of Science
Mechanical Engineering
Kansas State University
1976

Registration

Professional Engineer
Alabama
Arizona
Colorado
Kansas
Maine
Maryland
Nebraska
Oklahoma
South Carolina
Virginia
Washington

Professional Organizations

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

American Society of Plumbing
Engineers (ASPE)

American Society for Precision
Engineering (ASPE)

Years of Experience

33

Mr. Markley is a professional mechanical engineer with 33 years of experience in the design and management of public and private healthcare, commercial and industrial projects. His design experience includes hospitals, medical office buildings, retail facilities, churches, laboratories, universities, warehouses, maintenance buildings, natatoriums, historic buildings, theatres, and dormitories.

RELEVANT EXPERIENCE

Headquarters Facility, Defense Distribution Center

U.S. Army Corps of Engineers
New Cumberland, Pennsylvania

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TRADOC Headquarters Code Services
Ft. Eustis, Virginia

Clark Nexsen developed the Design-Build RFP for the relocation of Headquarters, Training and Doctrine Command (TRADOC) from Fort Monroe, VA to Fort Eustis, VA. The project includes construction of a New Headquarters Building (263,676 SF) and the required site improvements and supporting facilities. The New Headquarters Building accommodates approximately 1,220 personnel in open administrative office areas, private offices, administrative support areas and Commanding General and General Officer Suites. Special functions include Sensitive Compartmented Information Facility (SCIF), secure operational and unclassified conference and Video Teleconference (VTC) space, Special Access Programs Facility (SAP), Operations Center (OC) and a secure VTC capable auditorium.

Barracks-C 3rd Brigade Barracks Complex
Fort Bragg, North Carolina

This project included the demolition of fourteen existing buildings and the construction of two six-story barracks buildings to house 768 soldiers (297,600 SF), a new dining facility (27,550 SF), two battalion headquarters buildings (38,178 SF), ten company operations facilities (115,712 SF) and a new battalion aid station (3,600 SF). Supporting facilities included site utilities, electrical service, paving, parking, outdoor training and recreation areas, walks, curbs, and gutters and communications via duct bank/manhole system.

Education

Bachelor of Science
Civil Engineering
Virginia Tech
1974

Registration

Professional Engineer
North Carolina
Virginia

Years of Experience

39

Mr Riley is a Senior Civil Engineer with over 39 years of experience in the design, construction, and management of Naval and other military facility projects. Mr Riley's site design, project engineer, and construction management experience includes facilities such as administrative buildings; maintenance shops; troop housing; dining facilities; clubs; trainer and simulator buildings; various types of schools; medical and dental clinics; mortuaries; family housing; retail and food service; fitness centers; multi-purpose fields; waterfront facilities; roads and parking lots; hangars; airfield pavements; railroad and crane rail systems; water distribution systems; sanitary and storm water collection systems; sanitary lift stations; and troop expeditionary facilities. Mr Riley also has experience with various types of topographic surveying; storm-water management; erosion and sediment control; antiterrorism-force protection; physical security; joint permit applications; sanitary lift station permits; site investigations; site layouts; design/build; requests-for-proposals; specifications; and cost estimating.

RELEVANT EXPERIENCE

Barracks-C 3rd Brigade Barracks Complex

Fort Bragg, North Carolina

Clark Nexsen designed the 3rd Brigade Barracks Complex, Fort Bragg, NC, to address the growing needs of the 82nd Airborne to meet their mission responsibilities and provide a quality of life environment for their soldiers. The project included the demolition of fourteen existing buildings and the construction of two six-story barracks buildings to house 768 soldiers (297,600 SF), a new dining facility (27,550 SF), two battalion headquarters buildings (38,178 SF), ten company operations facilities (115,712 SF) and a new battalion aid station (3,600

SF). This project included mechanical, electrical, fire protection, energy monitoring, and control and information systems. Supporting facilities included site utilities, electrical service, paving, parking, outdoor training and recreation areas, walks, curbs, and gutters and communications via duct bank/manhole system.

FY07 Airman Dormitory

Minot, North Dakota

Project includes the design of a new dormitory facility that accommodates a total of 144 airmen as well as the preparation of an updated master plan for the entire dormitory campus. Demolition of two existing dormitory buildings, including asbestos abatement, occurred after the FY07 dormitory construction was complete and the current occupants were relocated to the new dormitory buildings.

108th Air Defense Artillery TEMF

Fort Bragg, North Carolina

The Tactical Equipment Maintenance Facilities (TEMF) proposed will support three battalions by providing facilities for the maintenance and repair of vehicles including equipment and parts storage and administration space.

Training Support Brigade Complex Phase II Barracks and Warehouses

Fort Benning, Georgia

The Unaccompanied Enlisted Personnel Housing (UEPH) consists of one 97,000 SF structure which is three stories in height and broken into two wings with a connector. The facility accommodates up to 250 soldiers. The UEPH rooms are configured in two room suites with a shared kitchen and bathroom. The building is provided with associated support spaces such as laundry facilities, a lobby area, vending areas, a recycling room, and mechanical/electrical/communications rooms.

Education

Bachelor of Science
Landscape Design and Contract
University of Maryland
1994

Registration

Certified Landscape Architect
Virginia

Professional Organizations

American Society of Landscape
Architects (ASLA)

Years of Experience

16

Mr Dalton is a versatile certified landscape architect with a demonstrated flair for site enhancements that visually promote building façades, streetscapes, urban green space and pedestrian interaction with the environment. He has 15 years of experience combining landscape design criteria with tested field applications. His professional knowledge includes planning, design and costing for parks, playgrounds and waterfront elements. Working with many of the local municipalities has gained him vast knowledge and understanding of the various landscape ordinances. Mr Dalton is further experienced in surveying and site development that adds value to an owner's project. He particularly understands topographical affinities and site adjacencies within the built environment for municipal, institutional, commercial and industrial applications. With over ten years of applied theoretical design and field landscape engineering, Mr Dalton has a diverse background in preparing commercial and industrial sites for sustainable landscape architecture and land-use development. Mr Dalton's expertise anticipates site planning, expansion, grading, incorporation of utility infrastructure, and stormwater management.

RELEVANT EXPERIENCE

Headquarters Facility, Defense Distribution Center

U.S. Army Corps of Engineers
New Cumberland, Pennsylvania

The DOD command component for the project is the Defense Logistics Agency (DLA) headquartered on Fort Belvoir VA. Defense Distribution Center (DDC) is a subordinate command of DLA headquartered on Defense Distribution Depot Susquehanna Pennsylvania (DDSP), one of its 25 Distribution Centers located worldwide and the installation

of the project. The project includes the demolition of several buildings. Building 351 is to be demolished to accommodate the new facility. Building 81 is to be demolished after the new facility is completed and personnel have moved out of Building 81 and into the new facility. Also to be demolished after the new facility is occupied are Buildings 403 and 404 and up to two more additional similar buildings which may be constructed in the near future to accommodate the constantly growing staff. DLA wants the new facility to be a showcase and would like the project to achieve a minimum LEED Gold rating.

NRHA Headquarters

Norfolk Redevelopment Housing Authority
Norfolk, Virginia

This project provides a new corporate headquarters for Norfolk Redevelopment and Housing Authority on their existing maintenance facility site on Ballentine Blvd in Norfolk, Virginia. The project includes a new, three-story, 46,000 SF office building, renovation of approximately 8,000 SF of existing warehouse space for new office functions, and extensive re-work of the existing site due to demolition of some existing buildings and the need to re-grade for improved stormwater drainage.

Training Support Brigade Complex Phase II Barracks & Warehouses

Fort Benning, Georgia

The Unaccompanied Enlisted Personnel Housing (UEPH) consists of one 97,000 SF structure which is three stories in height and broken into two wings with a connector. The facility accommodates up to 250 soldiers. The UEPH rooms are configured in two room suites with a shared kitchen and bathroom. The building is provided with associated support spaces such as laundry facilities, a lobby area, vending areas, a recycling room, and mechanical/electrical/communications rooms.

Education

Bachelor of Science
Architecture
University of Virginia
1984

Registration

Registered Architect
West Virginia
North Carolina
Virginia

LEED Accredited Professional

Professional Organizations
American Institute of Architects
(AIA)

Years of Experience
25

Mr. Moniot has 25 years of renovation experience on a wide variety of projects for municipal, commercial, military and private clients. He is involved in the initial stage of program development and field investigation through design and construction with an attitude for client service, value, and accommodation of aggressive project schedules. He is experienced with the unique challenges of upgrading historic buildings to current standards while preserving their character. Mr. Moniot served several years as a commissioner on the Chesapeake Historic Preservation Board and was Vice Chairman of Chesapeake's Architectural Review Board. Mr. Moniot is a hands-on project manager and architect with direct field experience and can blend historic sensitivity with common sense attention to navigate through problems which inevitably arise in renovation work.

RELEVANT EXPERIENCE

**American Red Cross Headquarters
Addition & Renovation**
Norfolk, Virginia

This project involved additions and renovations to the headquarters building and two related campus buildings which form the American Red Cross downtown campus. Clark Nexsen programmed the building needs and inventoried their existing spaces. Renovations included increasing the size of the lab and associated processing spaces, a new mechanical system, new roofing, and new parking areas.

Term Contract for A/E Services

Virginia Military Institute
Lexington, Virginia

Task orders included: Kilbourne Hall plaza study, master plan updates, improvement of the Military Leadership Field Training Grounds, and Cormack Hall redesign for pre-planning study.

**Bedford Learning Resource Center
Renovation**

Central Virginia Community College
Lynchburg, Virginia

The existing 24,000 SF two-story library was renovated to create a learning environment consistent with current standards, trends, and student needs. The renovations include a new elevator and main stairs, support areas and amenities that include full smart classrooms, a testing center, distance learning, computer carrels, study carrels, and a studio production area. New furniture was provided throughout the library including book shelving and a circulation counter.

**Joint School of Advanced Military Studies
Wargaming & Research Center**

NAVFAC - Mid Atlantic
Norfolk, Virginia

This project includes a 64,480 SF new building and renovation of 160,190 SF of an existing building to support state-of-the-art Wargaming and Joint Service Command training. The facility provides software development, research, planning, and evaluation of training scenarios and simulated wargaming. The simulations require integration of the building and electronics equipment, including building-wide video-teleconferencing to effectively train field officers.

Education

Master of Science
Public Works Administration
University of Pittsburgh
1975

Bachelor of Science
Industrial Engineering
Pennsylvania State University
1969

Registration

Professional Engineer
Maryland
North Carolina
Ohio
Pennsylvania
Virginia

Licensed Asbestos Inspector

LEED Accredited Professional

Years of Experience

39

Mr Sobota has been with Clark Nexsen since 1997. He joined the firm as a Construction Administration Engineer and has also served as an on-site construction representative. Since assuming the duties of Director of Quality Management he is responsible for the Quality Management Program which helps to ensure quality processes in all project phases - from the initial proposal to the client through post construction services. He consults with all departments of the firm incorporates their ideas into the Program and leads the staff to "buy-in" to the Program. The Program guarantees maximum Quality Assurance to clients providing superior error-free planning, architectural and engineering services. He implements the Program to all staff, instructs teams in its features and continually improves the process to stay current with the clients' needs.

Mr Sobota is a Registered Professional Engineer in 5 states, is certified as a Construction Documents Technologist from the Construction Specifications Institute and is a LEED Accredited Professional. Dennis has a wide range of design, construction and facilities management experiences extending over 30 years. He has served with a public utility company, the Navy Civil Engineer Corps and private contractors and was responsible for the project management and construction of numerous projects utilizing a variety of delivery methods. He also has served on the adjunct faculty for the continuing engineering program at Old Dominion University. Mr Sobota is a Virginia Licensed Asbestos Inspector and has completed the U.S. Army Corps of Engineers Construction Quality Management program.

Mr Sobota maintains quality control oversight of ongoing projects in various design stages to determine the applicable level of review effort required to conform to established standards and prepares weekly quality control review schedules. Dennis also

trains and encourages the staff to participate in the principles of the independent quality control reviews as required by our Quality Control Program. He also audits 100% of the project documents, to assure that the client's expectations are completely and accurately fulfilled, and that nothing "falls through the cracks." He also requires his staff to issue periodic "lessons learned" to the design staff, department directors and project managers to provide feedback on construction experiences as a training tool.

At Clark Nexsen, we believe that the highest level of quality assurance is attainable through a 3-tiered program of quality management in which all staff participates. The first, and probably most important, is a zero-defects attitude and constant cross-checking by design staff. We take maximum advantage of our being a full-service design firm by requiring close and constant communications among design disciplines.

To maximize this unique attribute, each principal-in-charge, project manager and design team consolidates as much information as possible about existing project conditions and the clients' needs. The team members then generate a list of questions and potential problem areas for discussion during the pre-design conference or during the site analysis phase. The next element occurs after field investigation, when another team meeting is held to review the details of the project in comparison to the performance requirements of the client. Lastly, through design development and production of construction documents, the project manager, design team, and Quality Management Director hold regular meetings to review progress and handle coordination problems that may not have been previously recognized. We believe that this emphasis on close communications is the best error-avoidance mechanism possible.

Experience with Similar Projects

Bogalusa Readiness Center - Bogalusa, Louisiana

Construction Cost
\$17,000,000

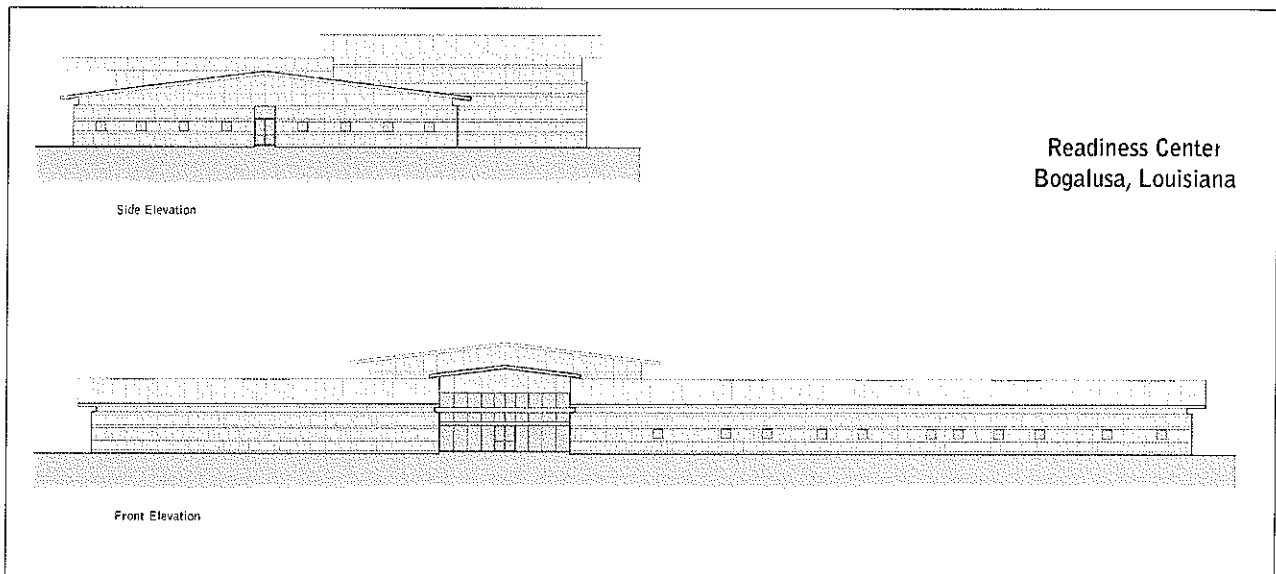
Size
18,000 SF

Completion Date
2007

Client
Louisiana Army National Guard

Contact
Capt. Eric Russell
225.517.2047

The project consisted of a 48,000 SF National Guard Readiness Facility with associated military vehicle parking and service areas. The building and site requirements include ATFP compliance and Gold Level Spirit (Green) Design. The design had to comply with local codes and the Army National Guard Design standards outlined in 415 Design Manual Series. The Bogalusa Readiness Center is a facility to house the 205th Battalion of Engineers for the LAARNG. This facility is the dominant presence of the LAARNG in the Bogalusa and the surrounding area. The Readiness Center is the headquarters building, containing the administrative offices, classrooms, locker rooms, toilets and showers, and an assembly hall. The primary function of this Readiness Center is to serve as a positive environment for the assigned unit or units to carry out their training for possible mobilizations, as well as providing a means by which to store and maintain all of their equipment and vehicles necessary to be effective in their mobilization missions. During the time the unit(s) are not performing physical training and maneuvers, they will be working or studying within the Readiness Center utilizing the classrooms, library, learning center, physical fitness area, or the assembly hall. Clark Nexsen did a partial design for this project and wrote the RFP based on that design.



Operations Training Support Facility - NAVFAC - Mid Atlantic, Virginia Beach, Virginia

Construction Cost
\$3,200,000

Size
23,000 SF

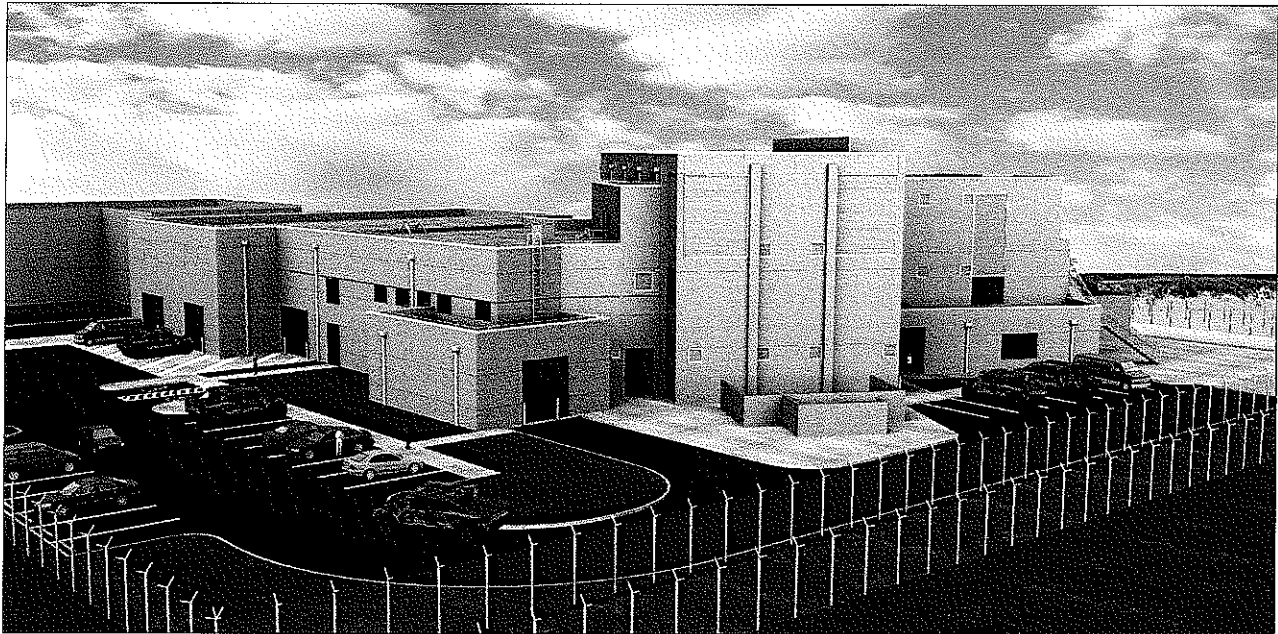
Completion Date
2004

Client
NAVFAC - Mid Atlantic

Client Contact
R. R. Woodson
757.322.9349

This project consisted of a 23,000 SF two-story administration, support, and warehouse addition to the pre-existing live fire training facility. This addition contained new administration offices and a conference room on the second floor. The remaining second floor consists of file storage, restrooms including showers and caged storage areas. The first floor consists of both high- and low-bay warehousing for storage of support equipment. A portion of the warehouse addition was designed as a free-standing building located adjacent to the pre-existing building and the attached addition. The resulting thoroughfare or "alleyway" between the buildings creates a three dimensional outdoor training space which resembles a partial city block in an urban environment.

Sustainable design elements defined by LEED (Leadership in Energy and Environmental Design) credits identified in the LEED Green Building Rating System Version 2.1 were incorporated into the design. This project achieved the equivalent of a LEED Certified designation, but it was only submitted to NAVFAC - Atlantic for verification of credits. This certification verified that the building has been designed in a manner that will minimize site impact, conserve energy, provide a healthy and safe indoor environment for the occupants, and divert materials from the waste stream to support environmental conservation.



Joint Transformation & Experimentation Center - U.S. Joint Forces Command, Suffolk, Virginia

Project Cost
\$19,592,000

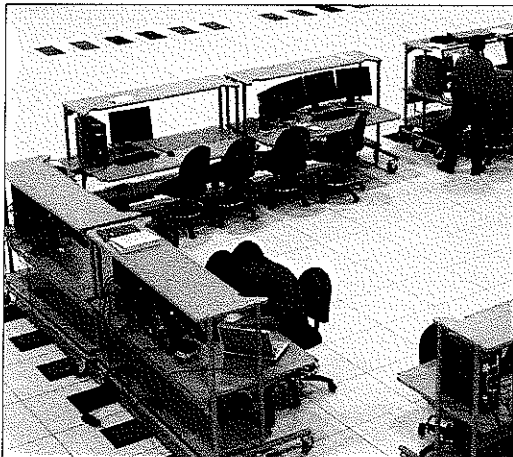
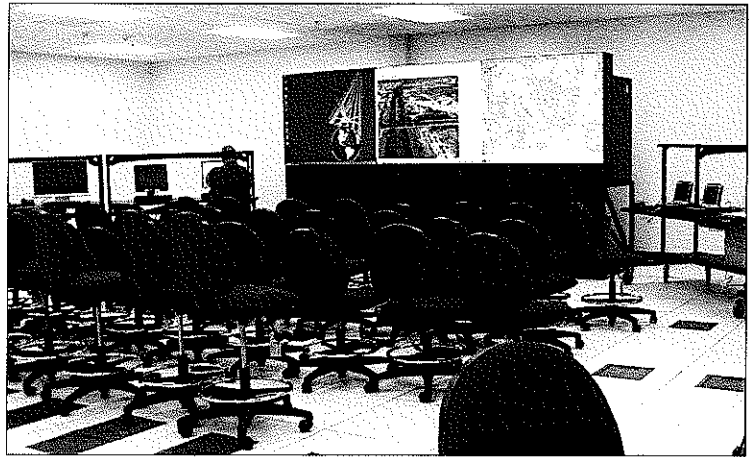
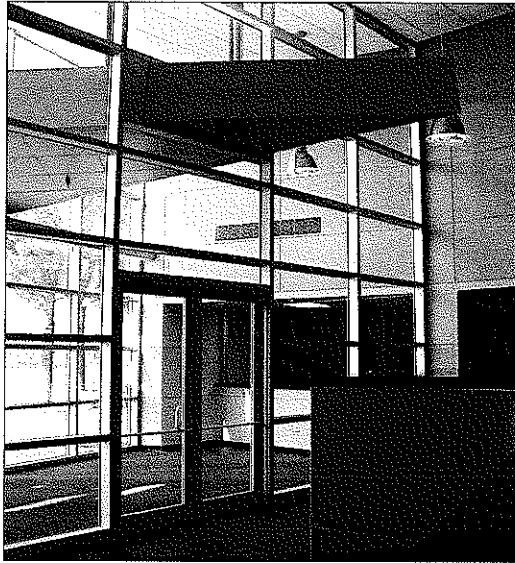
Size
100,000 SF

Completion Date
2005

Client
Tri-City Developers, LLC

Client Contact
Mr. Michael Haas
757-493-5889

Clark Nexsen transformed an existing 100,000 SF warehouse in Suffolk, Virginia into a state-of-the-art facility to support JFCOM's JTEC group. JTEC pioneers the development and implementation of JFCOM's computer simulated training technologies. The new facility includes 5,000 SF of office space, 60,000 SF of computer lab space, and 35,000 SF of warehouse space. To compensate for the absence of windows in this high security building, a lively combination of accent wall colors, floor patterns, and dramatic lighting were introduced throughout the building, creating a visually stimulating work environment. The dramatically geometric design of the entrance lobby is flooded with light through a 30'-foot-high glass curtainwall. An aluminum clad triangular canopy penetrates the curtainwall and floats above the interior lobby. 50,000 SF of raised access flooring facilitates distribution of the miles of data cabling required to support this facility. Large scale networked computer labs support collaborative audio visual work environments where groups can view information from large projected images in a theater-like setting. Video conferencing capabilities support audio visual communications with remote working groups. The facility was turned over to GSA within six months of start of construction.



U.S. Joint Forces Command Joint Deployment & Maritime Operations Center - Norfolk, Virginia

Project Cost
\$12,000,000

Size
49,298 SF

Completion Date
2009

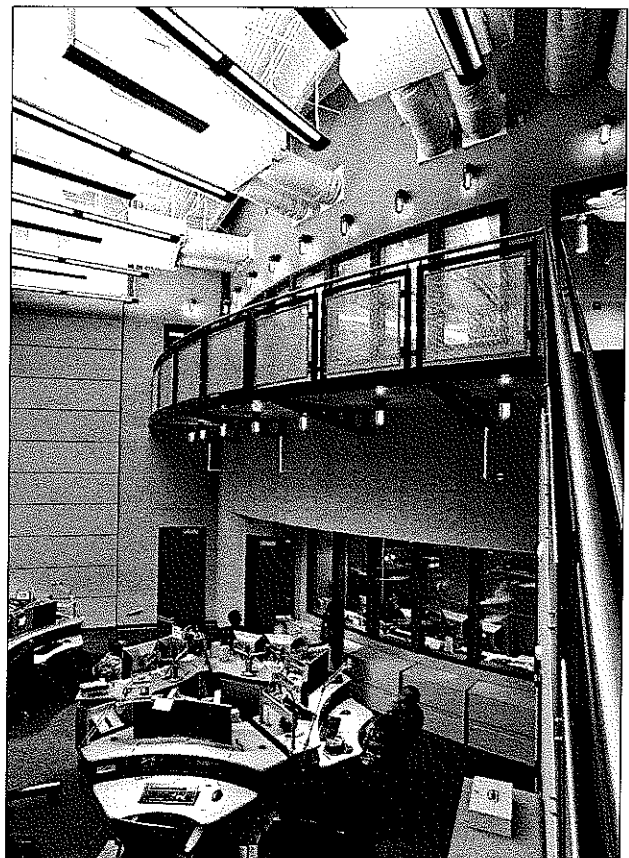
Client
NAVFAC

Client Contact
Mr. Brian Fugsburger
757.322.8499

The combined Command Center for the United States Joint Forces and Fleet Forces Commands at the Naval Support Activity in Norfolk, Virginia was completed in August 2009 and was fully staffed and operational by October. This design consists of a two-story, 20,182 SF building addition and the renovation of 29,116 SF of two floors of the southern end of Building NH-95. NH-95 is a 250,000 SF, two-story windowless concrete structure that has grown incrementally over the last 50 years. Clark Nexsen designed the existing Command Center within this building in 1983. This new project has expanded and modernized the installation into a world-class, state-of-the-art facility for the two Commands.

A fundamental design concept was to create a high-performance and healthy workplace to support maximum operational efficiency and flexibility while promoting effective communications and other collaborative work processes. Indirect ambient lighting, task lighting and sound absorbing finish materials support these objectives by creating a visually and acoustically serene work environment. Ergonomic workstations are clustered to facilitate small group collaborations within the open office.





TRADOC Headquarters Relocation - Fort Eustis, Virginia

Construction Cost
\$78,078,000

Size
263,676 SF

Completion Date
2007

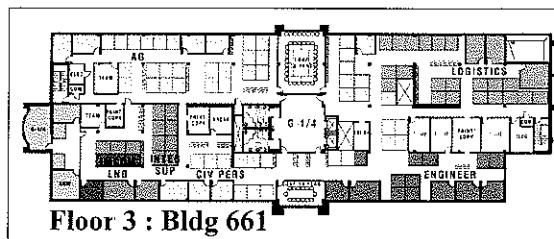
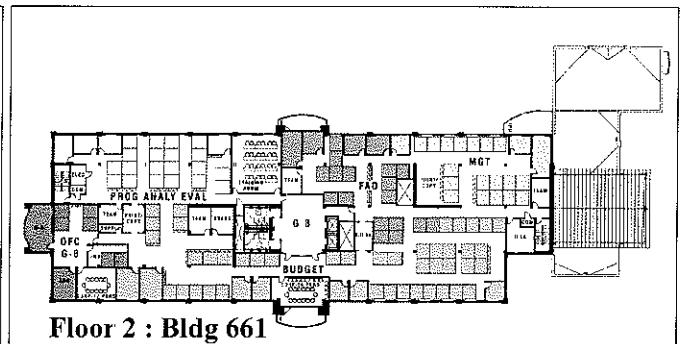
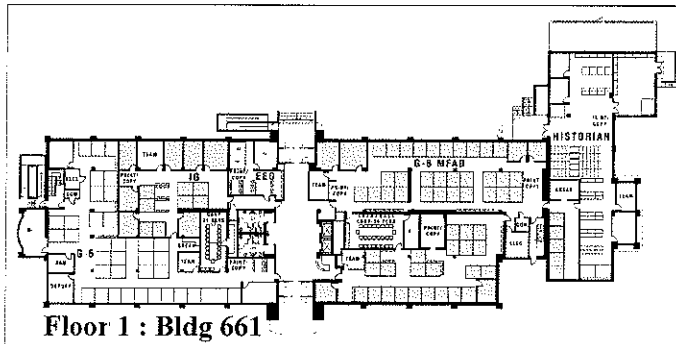
Client
U.S. Army Corps of Engineers

Clark Nexsen developed the Design-Build RFP for the relocation of Headquarters Training and Doctrine Command (TRADOC) from Fort Monroe, VA to Fort Eustis, VA. The project includes construction of a New Headquarters Building (263,676 SF) and the required site improvements and supporting facilities. The new headquarters building is based on the criteria outlined in UFC 4-140-03, Command and Control Facilities Standard Design. The development of the RFP required significant programming and concept design efforts to define the project requirements for competitively bidding the project.

The New Headquarters Building accommodates approximately 1,220 personnel in open administrative office areas, private offices, administrative support areas, and Commanding General and General Officer Suites. Special functions include Sensitive Compartmented Information Facility (SCIF), secure operational and unclassified conference and Video Teleconference (VTC) space, Special Access Programs Facility (SAP), Operations Center (OC), and a secure VTC capable auditorium. The entire building will be on raised access flooring with a complete IT infrastructure throughout the building including both NIPR and SIPR capability. Other building support spaces include break areas, team rooms, mechanical, electrical, telecommunications, circulation, storage, and receiving, restrooms, and other support spaces as noted in the building program.

The Operations Center in this facility is a secure area with restricted access and is similar to an emergency operations center in a city or county. Each representative of the various TRADOC Directorates shall have a workstation connected to all critical networks. The OC shall accommodate Government furnished audio-visual display, television screens, and monitors. In addition to the main floor, the OC provides areas adjacent to the floor for smaller collaborative meetings. The OC is isolated from non-operational traffic and has access to a loading area to assist in transferring equipment to vehicles or trailers during deployments.

Site improvements include paved vehicle circulation and parking, paved pedestrian circulation, all required utility systems and connections, storm drainage systems, antiterrorism (ATFP) measures, and landscaping.



Ranger Special Troops Battalion SOF Battalion Complex & TEMF Facilities - Fort Benning, Georgia

Construction Cost
\$23,755,931

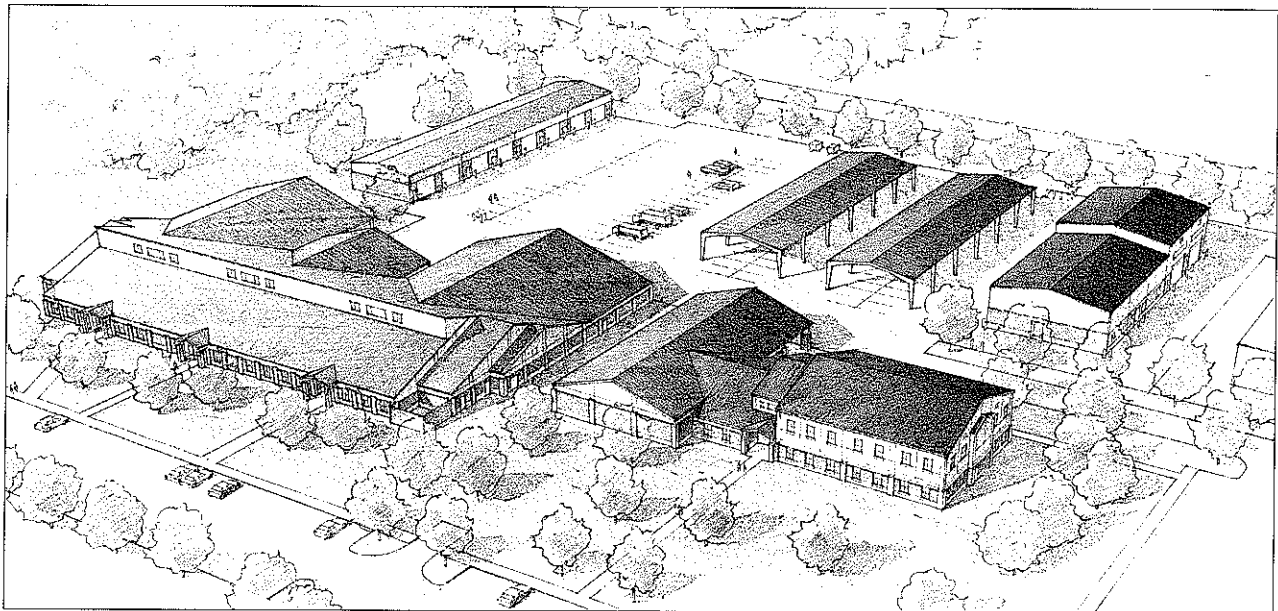
Size
Battalion HQ: 23,700 SF
Company Operations Facility:
49,500 SF
Tactical Equipment Maintenance
Facility: 11,800 SF

Completion Date
June 2010

Client
ACC Construction Company, Inc.

Owner
U.S. Army Corps of Engineers
Savannah District

This project is for the Design-Build construction of three new buildings at Fort Benning: 23,700 SF Battalion Headquarters that will provide space for administrative and command operations; 49,500 SF Company Operations Facility to accommodate administrative operations and store supplies; and 11,800 SF Tactical Equipment Maintenance Facility for maintaining and repairing vehicles. Concrete paving with covered canopies as well as asphalt paving and landscaping are a part of this complex. The site posed very tight conditions for construction and material storage alongside the fact the existing troop operations are ongoing on all sides. Proper coordination between Clark Nexsen, ACC Construction Company, and the user was a must in regards to utility outages, utility renovations, and personnel access. There were also very stringent erosion control and environmental requirements that had to be complied with and properly documented. This project was designed to LEED Silver standards.



Brigade Team 2 Complex - Fort Campbell, Kentucky

Construction Cost
\$40,000,000

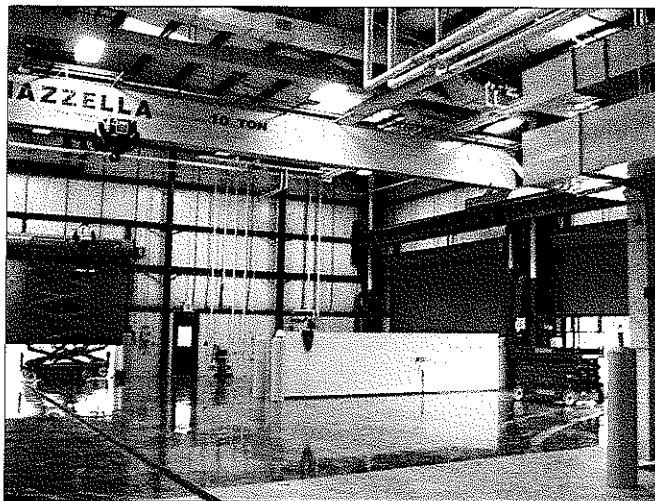
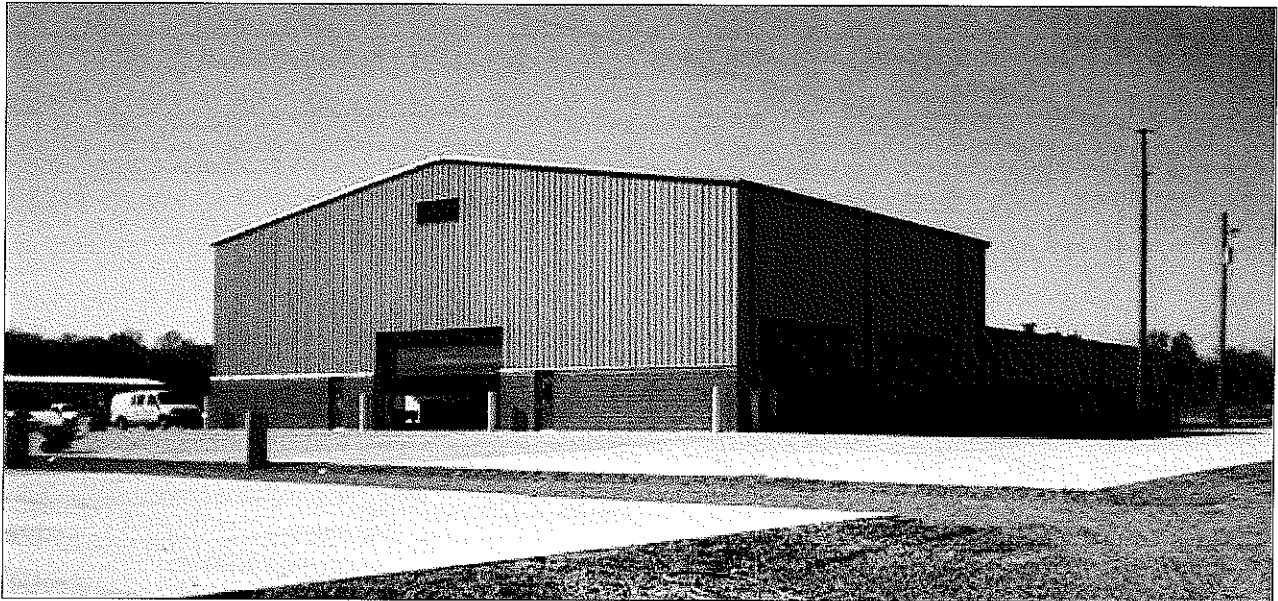
Completion Date
2010

Client
HCC Construction Company, Inc.

Owner
U.S. Army Corps of Engineers
Louisville District

The project consisted of multiple Tactical Equipment Maintenance Facility (TEMF) buildings and associated storage buildings for the U.S. Army at Fort Campbell, Kentucky. TEMF facilities provide industrial space for the maintenance and repair of vehicles including equipment, parts storage, and administration spaces.

Supporting facilities included utilities; electric service; exterior and security lighting; fire protection and alarm systems; security fencing and gates; water; gas; sewer; oil water separators; storm drainage and site improvements. Accessibility for individuals with disabilities was provided. ATRP measures were also included in the design of the facilities. Final design and construction of these facilities met LEED Silver certification qualifications and standards.



U.S. Coast Guard, Operational Command Center - Tidewater, Virginia

Completion Date
2009

Client
U.S. Coast Guard CECV, Cleveland

Contact
Mr. Andy Kaminiski
1240 E. 9th Street
Room 2119
Cleveland, Ohio 44199
216.902.6242
Andy.Kaminiski@uscg.mil

Clark Nexsen was retained under a contract by the Department of Homeland Security, United States Coast Guard Civil Engineering Unit Cleveland to prepare a Planning Proposal to establish and consolidate the OPCOM Implementation and the OPCOM Command Center in the Tidewater Area of Virginia

The mission is intended to be fulfilled through a new Coast Guard Operations Command Center (CGOCC) with administrative support personnel and related facilities as one of a number of key parts of the Coast Guard Modernization effort. The purpose of the Planning Proposal was to identify the most beneficial, functional, and cost effective method of accommodating the final operating capability for the OPCOM Implementation process and recommend it as the Preferred Alternative.

This determination had to be based upon how effectively each developed alternative met Planning Factor criteria including Space Planning and Special Purpose Space Requirements and the conclusion recommended that a new construction project designed as a build-to-suit, implemented through a GSA lease.

The planning methodology focused on two primary objectives: First was to fully evaluate planning factors relating to personnel, the Command Center, and special purpose facility requirements of an existing occupied Federal Building; and Second was to fully evaluate the impact of the additional planning factors on each Potential Alternative as needed to accommodate minimum Anti-Terrorism and Force Protection requirements.

The Clark Nexsen Design Team provided programming and space planning efforts through our charrette process. During the programming and space planning charrette effort, our team brought together stakeholders, facilities team members, and design team into a two-day session. At this session, our team acquired critical data regarding department relationships, adjacency requirements, and building massing, to name a few. In addition, schematic space planning and blocking and stacking diagrams were produced that allowed the entire team to see this information graphically. This process allowed our team to verify, clarify, and categorize user groups for our next step, and we interacted with the users once again to make sure that we are "hearing" what everyone is really "saying." With the charrette and other break-out meetings, the Clark Nexsen Design Team gained a full understanding of the client's project goals.

Following the charrette, the Clark Nexsen Design Team provided a comprehensive Basic Facility Requirements Study which was undertaken to document the personnel and square footage assignments related to special facilities such as an auditorium, fitness center, and lunch room, as well as circulation and building core areas required by the OPCOM Implementation and the Command Center. Square footage assignments were taken from the Coast Guard Shore Facilities Standards Manual and standard office building design criteria.

Company Operations Facility - Fort Eustis, Virginia

Construction Cost
\$18,424,000

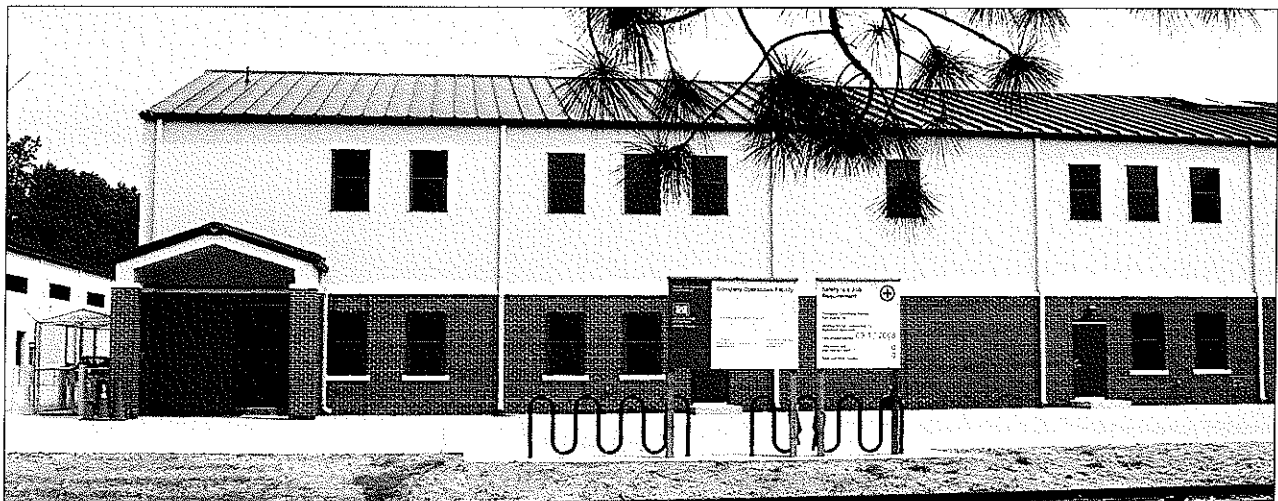
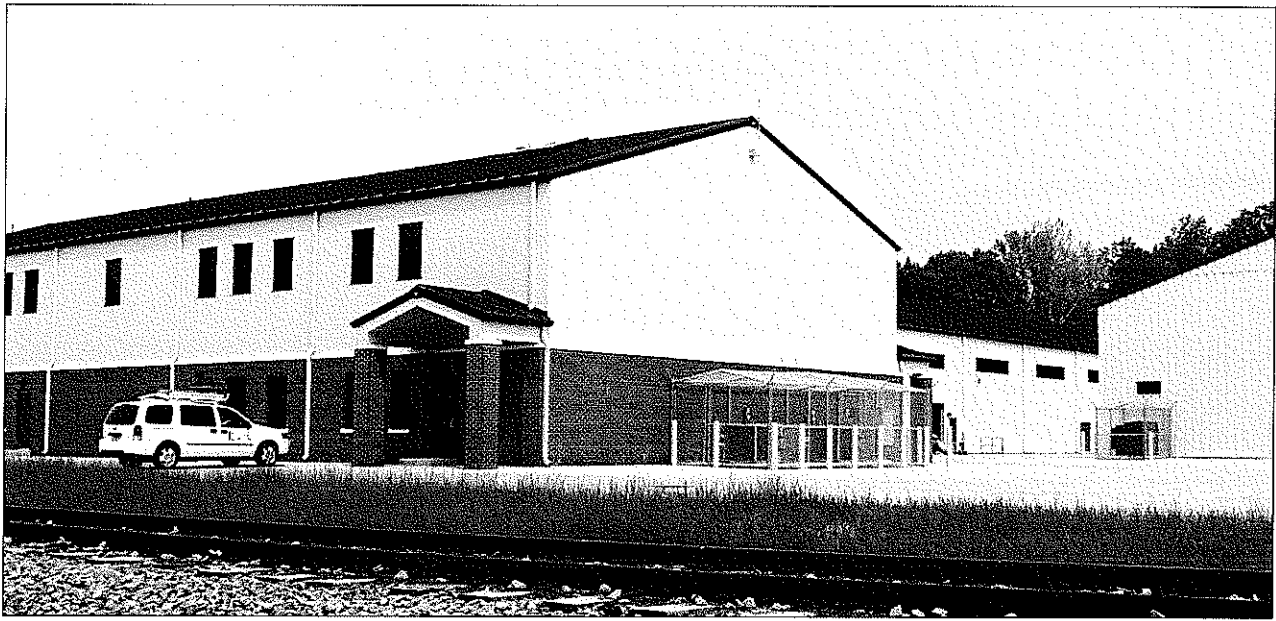
Size
Administrative Area: 16,120 GSF
Readiness Modules Area: 74,939 GSF

Completion Date
2010

Client
The Whiting-Turner Contracting Company

Owner
U.S. Army Corps of Engineers
Norfolk District

This project is for the Design-Build construction of a Company Operation Facility that consists of four new buildings at Fort Eustis: An Administration Building that will provide space for administrative and command operations; Three Readiness Modules, each with two of the Modules housing eight offices for companies. Concrete paving and landscaping are a part of this complex. The site posed very tight conditions for construction and material storage alongside the fact the existing troop operations are ongoing, close proximity to the railroad tracks on one side and wetlands-protected areas on one side. Proper coordination between Clark Nexsen, Contractor and the User was a must in regards to utility outages, utility renovations, and personnel access. There were also very stringent erosion control and environmental requirements that had to be complied with and properly documented. This project was designed to LEED Silver standards.



U.S. Army, Defense Distribution Center Headquarters - New Cumberland, Pennsylvania

Construction Cost
\$73,000,000

Completion Date
2012 (Est.)

Client
JSAED - Baltimore

Contact
Mr. John M. Forgue
10 S. Howard Street
Room 1050C
Baltimore, Maryland 21201
410.962.4413
John.M.Forgue@usace.army.mil

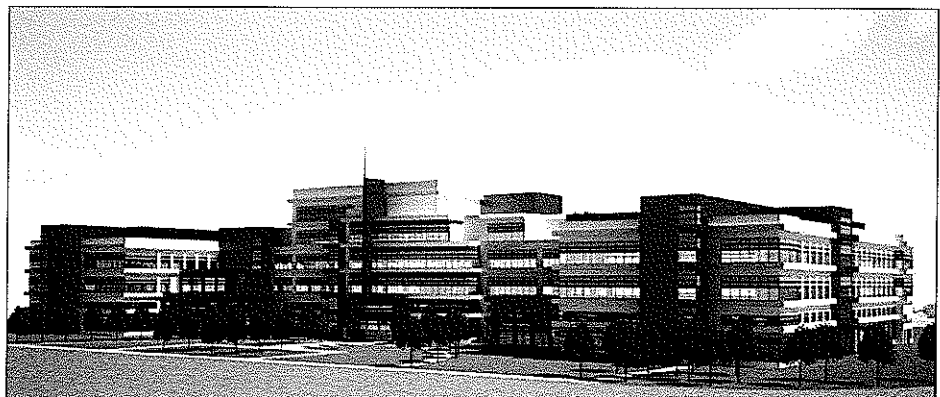
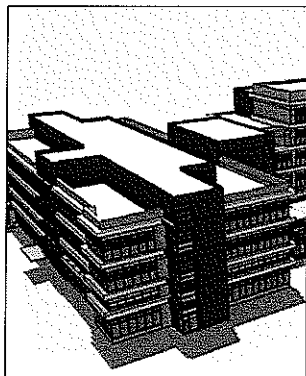
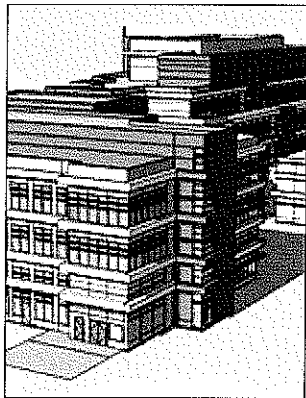
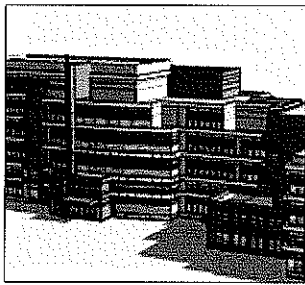
This 265,000 SF multi-story, Joint Defense Distribution Headquarters for the Command and Control of DDC Subordinate Organizations Worldwide is located along the Susquehanna River in New Cumberland, Pennsylvania. This facility will host foreign dignitaries, visitors as well as provide administrative and conference spaces for more than 950 full-time personnel.

The Clark Nexsen Design Team provided programming and space planning efforts through our charrette process. During the programming and space planning charrette effort, our team brought together stakeholders, facilities team members and design team into a week-long session. At this session, our team acquired critical data regarding department relationships, adjacency requirements, and building massing, to name a few. In addition, schematic space planning and blocking and stacking diagrams were produced that allowed the entire team to see this information graphically. This process allowed our team to verify, clarify, and categorize user groups for our next step, and we interacted with the users once again to make sure that we are "hearing" what everyone is really "saying." With the charrette and other break-out meetings, the Clark Nexsen Design Team gained a full understanding of the client's project goals.

This allowed the architectural and interior team to design the building from the inside out. The approved concept for the building design is organized in three wings and backs to a golf course, maximizing views on the upper levels. The central wing is four stories plus a mechanical penthouse, and the East and West wings are three stories. The building will provide occupants with a variety of office spaces including open and private offices, various conference rooms, a 200-seat cafeteria, a 385-seat auditorium, videoconferencing center, computer center with raised flooring, storage areas for filing systems, and other special purpose spaces.

Interior features include a tall 24'-0" floor-to-floor height on the ground floor with 18'-0" ceiling heights, and the typical floor heights are 15'-0" floor-to-floor with 9'-6" ceilings. A typical floor plate has a three-deep workstation configuration with management offices located on the perimeter and in the interior offices around the core to be as close to the personnel as possible. The building and interiors were designed to LEED Silver Level goals and incorporate many sustainable features.

Goals for the facility and USACE are to provide a functional, visually appealing space that effectively addresses the requirements of the DDC. The interior design will function with productivity and efficiency and provide Class A corporate space reflecting the command philosophy of Visibility, Value, Velocity.



16th CAV General Instruction Complex, Battalion Headquarters - U.S. Army Corps of Engineers, Fort Benning, GA

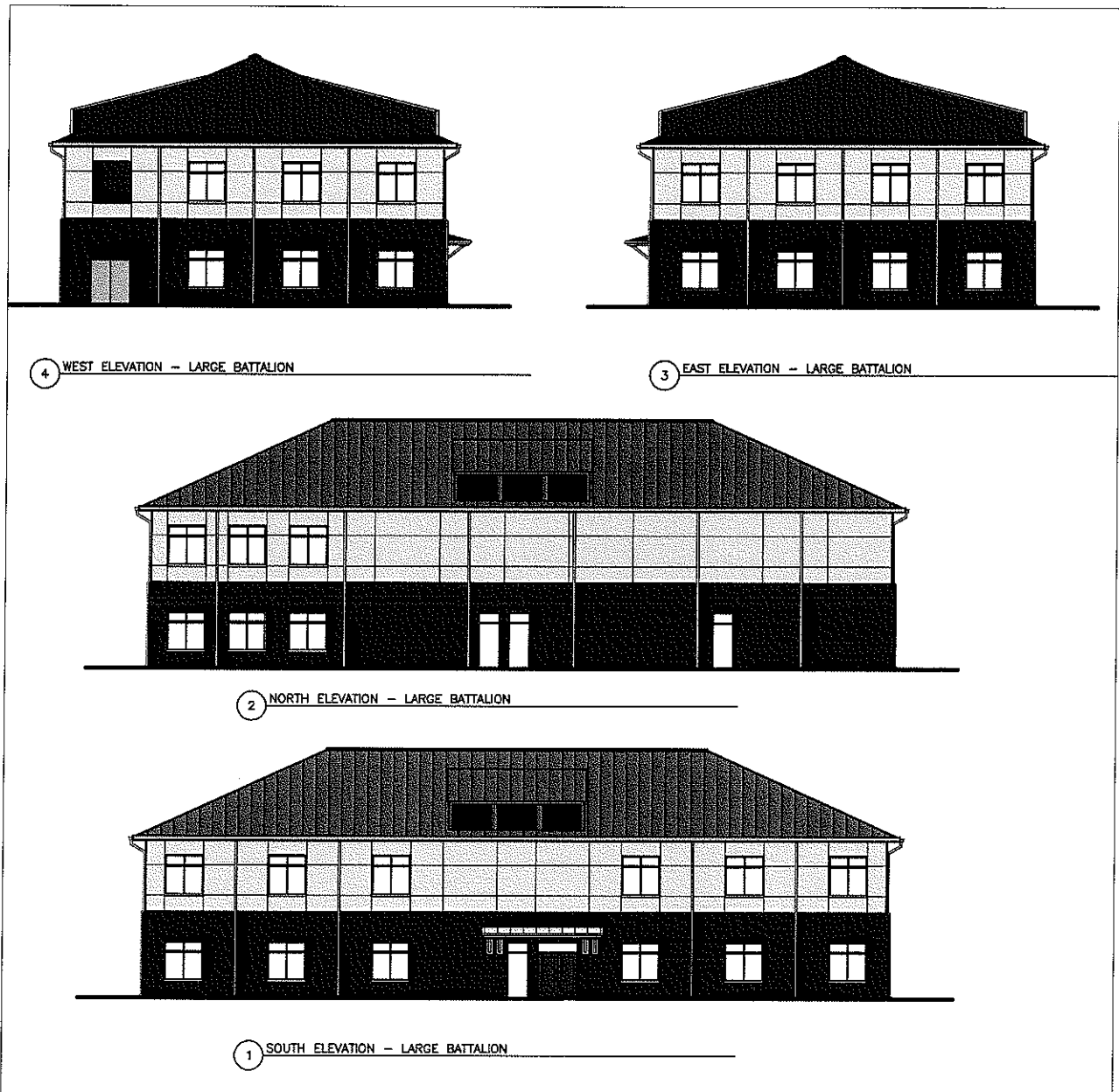
Size
35,022 SF

Completion Date
2011

Owner
U.S. Army Corps of Engineers

Client
Bay Electric, Inc

Clark Nexsen is working with Bay Electric, Inc for this Design-Build contract for three new Battalion Headquarters buildings. There will be a small, 10,309 SF building, a medium 11,983 SF building, and a large, 13,730 SF building. The building design is required to include an intrusion detection system (IDS) connection to EMCS, Anti-Terrorism Force Protection measures, and building information systems. The project includes supporting facilities such as site preparation, exterior communications, storm sewer system, sidewalks, erosion control, signage, and landscaping. Sustainable design features will be implemented.



General Instruction Building - Fort Benning, Georgia

Construction Cost
\$16,000,000

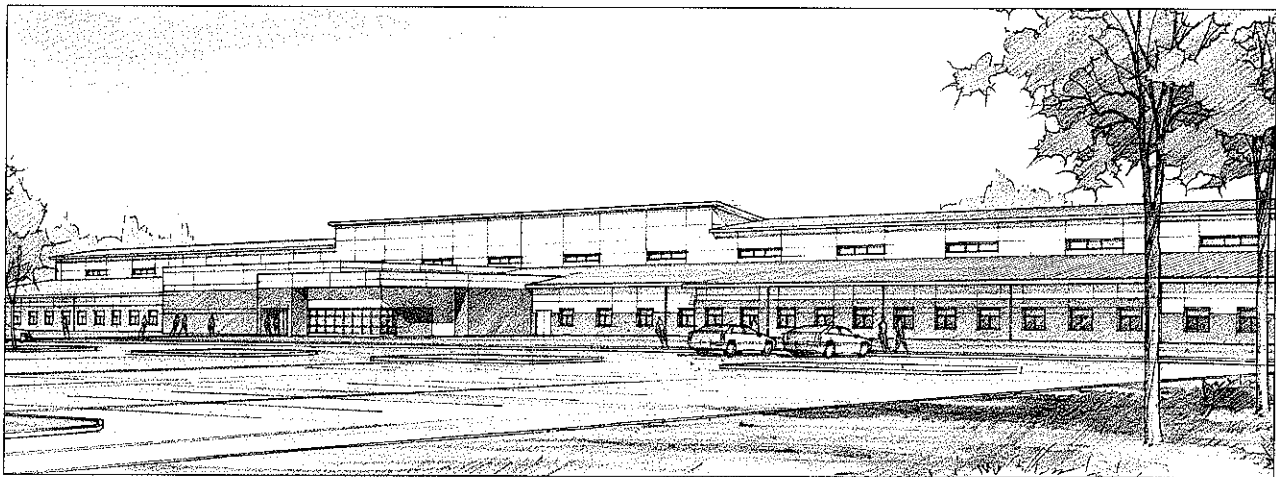
Size
110,000 SF

Completion Date
March 2011

Client
The Whiting-Turner Contracting
Company

Client Contact
Mr. Cass Lawrence
770.955.8300

The General Instruction Building will be approximately 110,000 SF General Instruction Building for the education of personnel at Fort Benning Georgia. The building will be two stories with a structural steel frame, metal stud infill, and brick and EIFS exterior to match materials used on adjacent buildings. The building houses vocational training rooms, auditorium, offices, and an area for the training of tank and heavy artillery maintenance training. The building utilizes displacement ventilation throughout for the larger spaces, and a sprinkler system for life safety. The building is being design to LEED Silver goals.



Norfolk Redevelopment & Housing Authority Headquarters Facility - Norfolk, Virginia

Construction Cost
TBD

Size
24,000 SF

Completion Date
2011

Client
Norfolk Redevelopment &
Housing Authority

The project as currently envisioned will include a 2-3 story office building of approximately 40,000 SF, renovation of approximately 10,000 SF of existing warehouse space for use as shops and storage, reconfiguration of existing parking areas, and the development of approximately 250 new parking spaces, demolition of the existing one-story office building and several metal storage/shop buildings, and associated site improvements including utilities and landscaping.

The potential to incorporate some first floor mixed-use space such as a restaurant, gymnasium, child care, and retail space will be explored during the programming, charrette, and schematic design phases of the project.

