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3	4.2.3 Construction Management
4	Proposed Method of Approach / Plan of Action



Rt.3 Box 383E Fairmont WV 26554. Phone 304 292.7750 i85 Mosser Rd. Suite 10 McHenry, MD 21550. Phone 301 387.3380

October 25, 2011

Roberta Wagner (File 22) West Virginia Dept of Administration, Purchasing Division Building 15 2019 Washington St., East Charleston, West Virginia 25305-0130

Dear Ms. Wagner and Selection Panel Members:

LAI, Inc. has teamed with Clark Nexsen Architecture & Engineering and Valley Engineering to provide the architecture, engineering as well as construction administration services West Virginia Department of Administration needs for the successful delivery of the 50-bed Expansion at Sharpe Hospital in Weston, West Virginia.

To meet your goals, we have assembled an experienced team of professionals for the design of this expansion, focusing on much more than simply meeting schedule and budget. You will receive local attention and response, as our team will provide Project Management, design coordination as well as construction administration from LAI's Fairmont, West Virginia, office.

To focus on safety and quality control, Belinda Currin, AIA, NCARB, LEED AP, specializes in mental healthcare facilities and will lead the team through the design and construction phasing process. Belinda is a registered architect with over 20 years of experience in design and construction, with particular expertise in mental healthcare facilities. She focuses on patient/resident care and recovery through understanding their specific conditions, and tailoring design to support various individual residents' therapy models.

Further, our team can help reduce facility operating costs (related to water, energy and other expenses) through efficient design, with strategies including concise circulation; specification of abuse and vandal-resistant, sustainable materials; and proven, straight forward engineering systems with maintenance locations consolidated into "safe areas."

To illustrate our team's ability to effectively design and administer construction expansion projects of this nature, requiring intricate and intensive coordination and scheduling, our enclosed proposal highlights similar projects for your review with a focus on behavioral healthcare, and large complex phasing renovation and expansion hospital projects. These projects reflect our team's innovative approaches to maintaining safe, uninterrupted operations, while delivering on design and quality control. In addition to patient progress and comfort, facility design is equally important as a staff recruitment and retention tool; our design approach centers on providing pleasant spaces focused on natural views with day lighting, and friendly, non-institutional interior design.

We look forward to an opportunity to further demonstrate our desire, willingness, expertise and commitment to providing the services required to make this project a success. Our staff can get started immediately to help you deliver on an environment that improves the residents' as well as staff quality of life, while maintaining security and ease of maintenance and operations for years to come.

Highest Regards,

Shelley Missimer, AIA

Principal In Charge, LAI Architects, Inc.



esident, LAI, Inc.

80-0029078

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

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PAGE 1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

ROBERTA WAGNER 304-558-0067

HEALTH AND HUMAN RESOURCES OFFICE OF PROPERTY MANAGEMENT VARIOUS LOCALES AS INDICATED

ADDRESS CHANGES TO BE NOTED ABOVE

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OPPOSITION OF THE MEST VIRGINIA STATE PURCHASING DIVISION OF INTEREST TO PROVIDE ARCHITECTURAL/ENGINEERING SERVICES THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF HEALTH AND HUMAN RESOURCES, IS SCLICITING EXPRESSIONS OF INTEREST TO PROVIDE ARCHITECTURAL CONSULTING AND ACHITECTURAL & ENGINEERING SERVICES FOR THE DESIGN OF A NEW 27,000 +/SQUARE-FOOT 50 BED PATIENT CARE UNIT AT THE WILLIAM R. SHAPRE, JR. HOSPITAL IN WESTON, WV. PER THE ATTACHED SPECIFICATIONS. TECHNICAL QUESTICNS CONCERNING THIS SCLICITATION MUST BE SUBMITTED IN WRITING TO ROBERTA MAGNER VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS ECI, VIA FAX AT 304-558-4115, OR VIA EMAIL AT CORBERTA. WAGNER WV. GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 10/11/2011 AT THE CLOSE OF DUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED. CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE	DATE PRIN		тел	MS OF SAI	E ·	SHIP VIA	F 0.0	FREIGHT TERMS
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ROBERTA WAGNER

304-558-0067

HEALTH AND HUMAN RESOURCES OFFICE OF PROPERTY MANAGEMENT VARIOUS LOCALES AS INDICATED

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

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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, penally, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, line, 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 debit 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 exceed 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

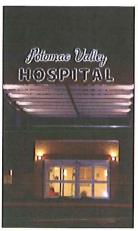
Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavil and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name LAI Inco	riporated
Authorized Signature: Shelley	Missimer, AIA Shelly S Menunu DateOctober 25, 2011
State of MD:	
County of GARRETT	, lo-wil
	to before me this 25 day of October 20 . 2011
My Commission expires ,	: February 23 20,16
AFFIX SEAL HERE	NOTARY PUBLIC Calle Of Shahan
HOTAS, AVOLIC COUNTY, INTERNATIONAL COUNTY,	CATHERINE A GRAHAM Notary Public-Maryland Garrett County My Commission Expires Jephwary 23, 2018







LAI designed Potomac Valley Hospital, Keyser, West Virginia

TEAM QUALIFICATIONS

LAI, Inc.

Founded in 2002, LAI, Inc. is currently a vital part of the growth and development of West Virginia. A minority owned business, LAI has been involved with the design and construction of many projects in and around the state of West Virginia. Our office in Fairmont, West Virginia, allows us to service West Virginia with quick and efficient response, with added support from our and McHenry, Maryland, office.

LAI will lead this project team, managing a collection of highly qualified professionals. A regional firm with specialty experience in healthcare design, LAI's regional knowledge and presence is augmented by the inclusion of experts in various key aspects of this project. Clark Nexsen and Valley Engineering will work with LAI, and will supplement LAI's staff as needed throughout the project.

LAI, Inc. is a regional architectural and interior design firm providing architectural services for the tri-state area. LAI, Inc. has completed numerous projects in the region. We have a history of working with local contractors to ensure that specified products and required labor are locally available and comply with local codes. We have proven experience in communicating with local officials to understand codes and ordinances that might impact the project.

LAI will manage this project from start to finish, including providing construction administration. Your principal point-of-contact will always be LAI's Fairmont office.

Clark Nexsen

Clark Nexsen will provide project management, healthcare programming, medical architecture, interior design, fire protection engineering and sustainable design coordination across all disciplines for this expansion project.

Clark Nexsen is a full-service architecture, engineering, planning and interior design firm headquartered in Norfolk, Virginia, with branch offices in Roanoke and Richmond, Virginia; Charlotte and Raleigh, North Carolina; Washington, DC; and Brunswick, Lilburn and Macon, Georgia. Founded in 1920, today the firm has over 560 employees and a list of projects that covers the entire United States and more than 40 countries around the world. The firm has designed major projects for the federal government, state and local governments, as well as major corporations and all markets in the private sector.

Clark Nexsen has been designing medical and healthcare projects for more than 25 years, completing more than 160 new or renovation designs for private as well as federal and state level organizations. Much like physicians practice in specialty areas, Clark Nexsen also designs for niche healthcare sectors, such as behavioral health, physical therapy and rehabilitation, geriatric and assisted living facilities, research facilities, dental clinics, medical office buildings, and training and simulation centers.

Relative to large-scale acute care hospitals, the firm's experience primarily has involved the design of renovations and additions, as well as full replacement behavioral health facilities, with a focus on infection control as complicated systems are replaced, the incorporation of sustainable and LEED







Clark Nexsen designed Camp Lejeune Outpatient Clinic Addition, Camp Lejeune, North Carolina

features to improve efficiencies, and the commissioning and retro-commissioning of the hospital's physical plant. Given the complexities of such undertakings, this has become an industry specialty unto itself.

From the \$84,000,000 Naval Hospital Renovation & MRI Addition, and New Outpatient Clinic at Marine Corps Base Camp Lejeune, North Carolina, to a \$6,000 study of structural issues at a Sentara facility in Norfolk, Virginia, Clark Nexsen's healthcare design experience is as varied and broad as owner and client needs. Aside from overall client satisfaction. success on projects is also demonstrated by industry acknowledgment and awards earned, Sitter & Barfoot Veterans Care Center in Richmond, VA, earned the 2008 Interior Design Excellence Award from ASID / IIDA and was published in "Design Environments for the Aging Architectural Project Showcase". Hancock Geriatric Behavioral Health Treatment Center in Williamsburg, VA, was named Best Healthcare in the 2009 IIDA/ASID Virginia IDEA Awards and earned the Innovation Award in 2008 from the National Council for Public Private Partnerships.

Valley Engineering

Valley Engineering will provide civil, structural, mechanical and electrical engineering, as well as land surveying for this project from their Harrisonburg, Virginia, office.

Founded in 1997, Valley Engineering has grown to a multi-disciplined engineering firm offering mechanical, electrical, plumbing, structural, civil, and transportation engineering as well as land surveying services. Valley Engineering now has 35 employees providing service

in Virginia, West Virginia, and other surrounding states.

This Section concludes with related projects our team firms have accomplished that illustrate efficiency in construction design, reduced energy consumption, and other data demonstrating reduced cost of ownership.



Potomac Valley Hospital - Keyser, West Virginia

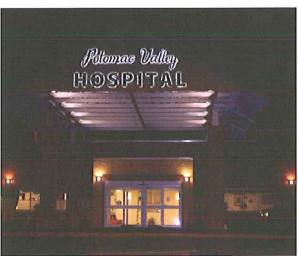
49,482 SF

Completion Date 2008

Client

Midatlantic Health Management 304.597.3546 LAI, Inc. provided architectural design services for Potomac Val ley Hospital, which provides essential healthcare services to the rural community of Keyser, West Virginia. The rural hospital is a full service hospital providing 25 beds, four intensive care units and two operating rooms for Mineral County residents. The project also includes outpatient and administrative spaces to support the institution.









NCWVCAA Permanent and Transitional Housing - Fairmont, West Virginia

Construction Cost

\$835,000

Size 5,442 SF

Completion Date

2010

Client NCWVCAA Zachary Brown 304.288.3663 LAI, Inc. provided architectural services for design of this new low-income and transitional housing project in the city of Fairmont, West Virginia. The project included four housing blocks that face the city of Fairmont, with two of the blocks of space projecting forward. They feature delicate proportions that are tall and thin to provide a proper connection to the verticality of the city fabric. The transitional housing transforms itself from the suburban background to the urban foreground. The other two blocks recede from the foreground, creating alcoves for place against the neighboring units and landscape walls. The orientation of the plan creates a courtyard.

At the joint of the L-shaped plan the project shifts from transitional housing to permanent housing. The joint gives the individual a moment of choice, not indirect but a direct choice. The joint of site and building offers place, choice, freedom and direction. As the permanent housing recedes into the site, the structure diminishes in scale and proportion, appropriate to its delicate thin plan. The thin plan is economically viable and creates a structured environment.







Hancock Geriatric Treatment Center - Williamsburg, Virginia

Construction Cost \$29,321,378

Size

115,000 SF

Completion Date

2008

Client

Eastern State Hospital-Virginia Department of Behavioral Health and Developmental Services

Publications

Behavioral Healthcare Magazine Project Showcase August 2009 Clark Nexsen provided architecture and engineering services for this 150-bed psychiatric facility, specializing in the care of geriatric psychiatric patients. Developed for the Virginia Department Behavioral Health and Developmental Services, this facility concept incorporates the latest advances in evidenced-based design and includes special considerations appropriate for this population.

Special color schemes and finishes, wayfinding, wider door widths, and a unique building geometry account for the wandering tendency of geriatric patients, especially those with Alzheimer's and dementia, while maintaining focus around a central core area in the building that includes patient activity areas and provides direct visual control by the staff.

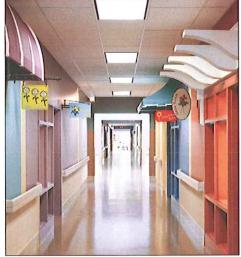
This project was delivered under Virginia's Public-Private Education and Facilities Act (PPEA) of 2002.



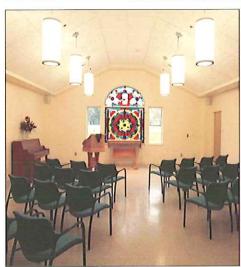
















Construction Cost \$38,000,000

> **Size** 190,000 SF

Completion Date

Client

Gilbane Development Company

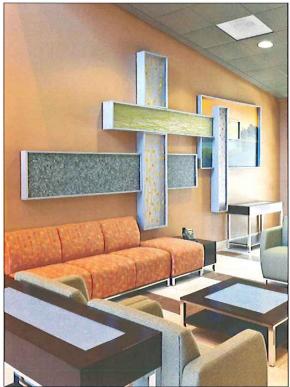
Owner

Eastern State Hospital-Virginia Department of Behavioral Health and Developmental Services Clark Nexsen provided architecture and engineering services for this forensic population psychiatric treatment facility that specializes in adult patients suffering from varying mental health conditions, long-term behavioral problems, and acuity levels. The program has been developed around a 150-bed capacity and includes a series of familiar elements arranged to reflect the range of environments in which people live, with the most basic element of the community based around the patient bedroom and the residential living pods. Spaces include a medical suite, admissions suite, secure outdoor courtyards, gymnasium, grille/café (for staff and patients), and a variety of other activity areas such as a library, game room, fashion shop, teaching greenhouse, living skills area, and classrooms to support the patient recovery model.

This replacement facility represents the second phase of the redevelopment of the existing Eastern State Hospital campus, consolidating several outdated facilities into a single state-of-the-art mental health facility. This project also contains an on-site stat lab, phlebotomy area, dental, optometry, podiatry, x-ray, and general medical clinics.











Construction Cost \$19,944,739

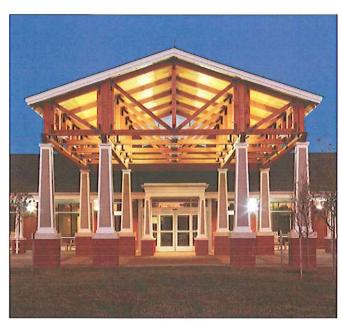
> **Size** 130,000 SF

Completion Date

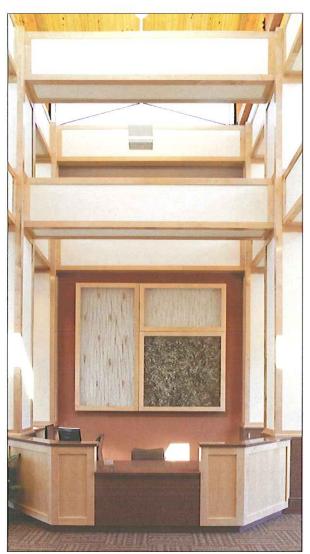
Client

Virginia Department of Veterans Services Clark Nexsen provided architectural and engineering services to design this new low-rise project with 160 beds offering three levels of care: nursing, Alzheimer's, and domiciliary. The facility provides "nursing home care similar to community based nursing homes" as part of its range of services. The Center includes numerous public activity spaces, lounges, dining rooms, resident rooms, administrative offices, conference and training rooms, staff support areas, and building support spaces. Clark Nexsen's scope of work included space planning, cost estimating, finish selections, furnishing selections, casework design, wayfinding, preparation of construction documents and construction administration.

Client Quote from Bill VanThiel: "It's always nice to have official validation of what we already knew.... Seriously though...congratulations to Clark Nexsen! I have conversations with people who have visited the facility and they are so impressed that they are at a loss for words trying to describe how great the facility is in both architecture and decor."









Veterans Care Center Renovation - Roanoke, Virginia

Construction Cost \$300,000

> Size 130,000 SF

Completion Date

2004

Virginia Department of Voterans Services Clark Nexsen provided architecture and engineering design services for the Virginia Veterans Care Center located in Roanoke, a 240-bed, long-term healthcare facility. The Center provides 60 special care and 180 nursing home beds for Veterans living in Virginia. Clark Nexsen provided interior design services for renovations to all dining rooms, public corridors, resident lounges, and administrative staff spaces. Updates to the interior included new flooring, wall treatments, and furniture. Nurse stations, elevator cabs, and existing vinyl handrails were also "refreshed" to coordinate with the brand new scheme.











Cost

\$181,000,000

Size

520,000 SF 580-car parking garage

Completion Date

Client

The Whiting-Turner Construction Company

Owner

NAVFAC Washington

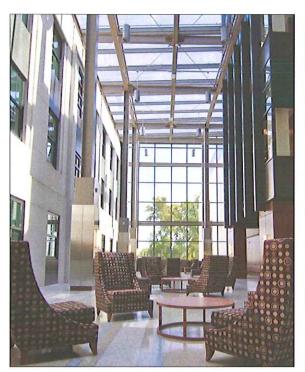
Clark Nexsen provided architecture and engineering services for the Warrior Transition Unit, which was developed around a care model that focuses on the warriors' ability to return to duty and some semblance of normal life, to become independent and enjoy the freedoms that they have fought for so valiantly. This Warrior Transition Campus includes a Bachelor Enlisted Quarters, dining hall, administration addition to the Physical Fitness Center, parking garage, including re-use of Building 17 that provides access to the main entrance.

The Physical Fitness Center, administration and parking garage are combined into one building that occupies the renovated Building 17 and the site directly behind it. The parking garage is beneath the newer portions of the building and is exposed on most levels on three sides.

The site introduced several challenges to meeting the goal of providing the highest quality environment for physical, mental and spiritual healing. Site challenges of significant topography as well as the distance between facilities were used as opportunities for creating a "home away from home" for the soldiers. A creative design scheme was developed to overcome these issues, and provide a uniform campus with clear and concise connectivity. Outdoor spaces are designed to be inviting extensions of interior environments.

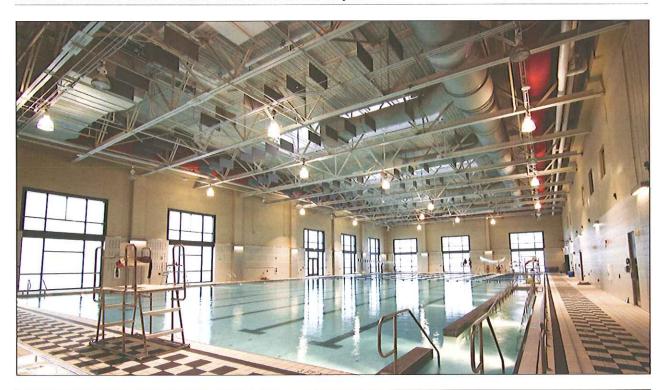
The BEQ/dining/administration facility combines living and dining functions within walking distance to the Physical Fitness Center/administration/parking garage/Building 17. These facilities house warriors with diverse backgrounds from various areas of military service and with a variety of mental and physical capabilities.

The campus project is registered with the USGBC and LEED Silver level certification is being pursued, with features including green roofs, rainwater harvesting and solar collection.













Construction Cost \$21,900,000

> Size 87,600 SF

Completion Date 2012 (est.)

> Client Valley Health

Valley Engineering (VE) completed civil, structural, mechanical, electrical and plumbing systems design documents, as well as construction stakeout for a new critical access hospital and attached medical office building, totaling 87,600 SF on an approximately 80-acre site. It is anticipated that this Greenfield project will attain LEED Silver certification.

VE prepared preliminary site analyses and feasibility studies for the Owner's use in evaluating four separate properties being considered for purchase. Upon selection of the site, the design included all parking and roadways, including ADA required handicapped parking and walkways, retaining walls, water distribution and fire coverage, power distribution and emergency backup, sanitary collection, truck access and maneuverability including delivery trucks and mobile MRI units, pavement and pad design, landscaping, site lighting, signage, medical gas storage, communications, sidewalks and pedestrian movement, helicopter landing pad in accordance with FAA regulations, grading, erosion control, and storm water management.

Due to water availability and pressure concerns for fire coverage, an above-ground water storage tank and pumping system was designed to hold the required volume of water necessary to supply the interior sprinkler system in the event of discharge. Additionally, a pond was strategically placed on site as a landscaping amenity, while at the same time providing an adequate volume of water available to the exterior fire hydrant system.

Governmental coordination included involvement of Local Government such as zoning, water and sewer providers, the West Virginia Office of Facility Licensure and Certification, West Virginia Division of Highways, State Public Service Corporation, West Virginia Department of Environmental Protection, the Federal Aviation Administration, and FEMA.







Hampshire Memorial Hospital - Romney, West Virginia

Construction Cost \$22,705,000

Size 87,330 SF

Completion Date

Client Valley Health Valley Engineering (VE) completed civil, structural, mechanical, electrical and plumbing systems design documents as well as the topographical survey for a new replacement critical access hospital and an attached medical office building (87,330 SF) on an approximately 50-acre site. It is anticipated that this Greenfield project will attain LEED Silver certification.

VE prepared a preliminary site analysis and feasibility study for the Owner's use in evaluating the property being considered for purchase. Upon selection of the site, the design included all parking and roadways, including ADA required handicapped parking and walkways, retaining walls, water distribution and fire coverage, power distribution and emergency backup, sanitary collection and pre-treatment, truck access and maneuverability including delivery trucks and mobile MRI units, pavement and pad design landscaping, site lighting, signage, medical gas storage, communications, sidewalks and pedestrian movement, helicopter landing pad in accordance with FAA regulations, grading, erosion control, and storm water management. For this site, storm water management consisted of above ground facilities which were designed to meet the LEED requirements for both water quality and quantity.

Governmental coordination included involvement of local government such as zoning, water, and sewer providers, the West Virginia Office of Facility Licensure and Certification, West Virginia Division of Highways, State Public Service Corporation, West Virginia Department of Environmental Protection, the Federal Aviation Administration, and FEMA.















The LAI / Clark Nexsen / Valley
Engineering team offers West Virginia
Department of Administration the
combined resources of nearly 600
professional and design staff to accomplish
the 50-bed Expansion at Sharpe Hospital.

In designing the expansion, our team firms will design using Autodesk's AutoCAD 2010 version to produce construction documents.

Clark Nexsen architect Belinda Currin, AIA, LEED AP, will oversee project quality control as the team's Mental Health Safety Design Manager. Ms. Currin is experienced in coordinating the uniquely complicated systems today's healthcare and medical environments require. Belinda has more than 21 years of experience designing healthcare projects, and specializes in complex renovations/phased expansions, and the incorporation of cutting edge technologies with an emphasis in medical equipment and specialty systems coordination. She is further supported by the experience of Clark Nexsen's Director of Healthcare Architecture, A. Ray Pentecost, DrPH, FAIA, FACHA, LEED AP, who is a Board Certified Fellow in the American College of Healthcare Architects and helps lead Clark Nexsen's researchbased healthcare strategy.

Our team's organization chart follows, and this Section concludes with single-page resumes for each of our key design staff who will provide the architectural and engineering, and construction administration services you need to open the Sharpe Expansion on time and budget.





A&E Services for 50-bed Expansion of Patient Care Unit at William R. Sharpe Jr. Hospital WSH12067

PROJECT LEADERSHIP

Principal in Charge Shelley Missimer, AIA LAI Architects, Inc.

Project Manager Garry Kiskinis, PE, LEED AP *Clark Nexsen*

VALLEY ENGINEERING

Civil Engineer Daniel Michael, PE Jeffrey Hawk, PE

Structural Engineer Travis Strong, PE

Mechanical Engineer Phillip Gentry, PE Norman Clark, PE Mark Kipps, PE

Electrical Engineer Jerry Heavner, PE, LEED AP

> Land Surveying Michael Mars, LS

CLARK NEXSEN ARCHITECTS & ENGINEERS

ProgrammingRay Pentecost, DrPh, FAIA, LEED AP

Mental Health Design Manager / Architect Belinda Currin, AIA, LEED AP

> Project Architect Terry Martin, AIA

Interior DesignDenise McAdams, CID, IIDA, LEED AP

Fire Protection Engineer Chris Born, PE, LEED AP

Sustainable Design Director Rebekah Burke, PE, LEED AP BD+C

LAI ARCHITECTS, INC.

Construction Administration Robert Lindsey, III





Bachelor of Architecture University of Tennessee 1994

Bachelor of Science, Architectural Engineering Fairmont State University 1991

Registration

Registered Architect West Virginia Maryland Tennessee

Years of Experience

Shelley Missimer, AIA, owner and president of LAI, heads up the healthcare and hospital division. Mrs. Missimer looks at human health from a totality point of view allowing her philosophy to be fluid between projects ranging from hospitals to homeless shelters. It is Mrs. Missimer's concern for the human condition that pushes her to create architecture that enhances the spaces in which we live our lives.

RELEVANT EXPERIENCE

- » Potomac Valley Hospital, Keyser, West Virginia
- » Department of Health and Human, Resources Office Building, Marlinton, West Virginia
- » North Central West Virginia Community Action Association, Transitional Housing for the Homeless, Fairmont, West Virginia
- » North Central West Virginia Community Action Association, Permanent Housing for the Homeless Disabled, Fairmont, West Virginia
- » Medical Office Building, Keyser, West Virginia
- » Childrens Hospital Pediatric Clinic, (New Facility)*, Knoxville, Tennessee
- » Childrens Hospital, Surgery/Recovery/ MOB (New & Renovations)*, Knoxville, Tennessee
- » Ft. Sanders Professional Medical Center, Office Building (New & Renovations)*, Knoxville, Tennessee

- WMHS Extended Care Unit (Infill)*,
 Cumberland, Maryland
- » Dr. Prevost Medical Facility (New Office & Clinic)*, Knoxville, Tennessee
- » Country House Assisted Living Center (New Alzheimer's Facility)*, Cumberland, Maryland

* Indicates projects with other firms



Bachelor of Science, Electrical Engineering Old Dominion University 1979

Registration

Professional Engineer Alabama District of Columbia Louisiana Maryland New Jorsey North Carolina Chio Pennsylvania South Carolina Virginia

LEED Accredited Professional

Years of Experience

-33

Garry Kiskinis has 33 years of engineering design and Project Management experience. As a Managing Principal at Clark Nexsen, he leads a multi-discipline design team in delivering multi-million dollar projects for public and private clients. He is the engineer of record for several large-scale facilities, including healthcare facilities, educational buildings, conference centers, and administrative buildings. Garry is adept at preparation of preliminary studies, construction drawings, specifications and cost estimating. In the electrical engineering realm, he has designed streetlighting; lighting systems; power distributions systems; emergency standby and UPS systems; communication systems, including voice, data and video; fire alarm systems; security systems; exterior distribution, including design of underground and overhead systems; and electrical substations.

- » Adult Mental Health Treatment Facility, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Hancock Geriatric Treatment Center, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Catawba Hospital HVAC Renovation, Virginia Department of Behavioral Health and Developmental Services, Catawba, Virginia
- Veterans Domiciliary Treatment Pod, Hampton, Virginia

- » Bryce Psychiatric Hospital Replacement Study, Department of Mental Health & Mental Retardation, Tuscaloosa, Alabama
- » Elmhurst Memorial Hospital Expansion Study, Lomard, Illinois
- » Building U-40 Renovation for NCIS, Naval Station Norfolk, Virginia
- » Norfolk Consolidated Courts Complex, Norfolk, Virginia
- » Jefferson Forest High School Renovation, Bedford County, Virginia
- » Temporary Living Facility, Aviano Air Base, Italy
- » Virginia Beach Convention Center, Virginia Beach, Virginia
- » Half Moone Cruise and Celebration Center, Norfolk, Virginia



Doctor of Public Health University of Texas School of Public Health 1982

Master of Public Health University of Texas School of Public Health 1979

Bachelor of Architecture Rice University School of Architecture 1977

Bachelor of Arts Rice University School of Architecture 1975

Registration

Registored Architect Alabama Georgia North Carolina Onio South Carolina Texas Virginia

Long-Term Care Administrator's License (1988 - 1998)

Years of Experience

Dr. Pentecost is Clark Nexsen's Director of Healthcare Architecture. His approach to healthcare architecture is characterized by the use of owner-oriented operations experts combined with research-influenced design principles to improve healthcare for both patients and staff.

Dr. Pentecost is an experienced healthcare professional, a licensed Architect and Fellow in the AIA, Board Certified in Healthcare Architecture by the American College of Healthcare Architects (ACHA). Dr. Pentecost currently serves as the national President of the American Institute of Architects (AIA) Academy of Architecture for Health (AAH) which is composed of Architects, planners, and other medical professionals specializing in healthcare facility design. He was appointed by the Speaker of the Virginia House of Delegates to the Virginia Commonwealth University Health System Authority Board of Directors from 2004-2010. His research interests include research-influenced design, patient safety and the globalization of healthcare.

His career spans many different disciplines, including health planning and design, healthcare development and finance, physician management, environmental and occupational health, medical technology development and healthcare administration. His special interests are the fields of gerontology and design for aging.

In particular, Dr. Pentecost has emerged as an outspoken industry advocate for bringing research into the design practice with his recent 2-part webinar for the AIA with Kirk Hamilton on "Research in Architecture Practice": Part 1: Using Research in Your Design Practice and Part

2: Conducting Research in Your Design Practice.

- » Adult Mental Health Treatment Facility, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Hancock Geriatric Treatment Center, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Sitter & Barfoot Veterans Care Center. Virginia Department of Veterans Services, Richmond, Virginia
- » Mental Health Expansion, Hunter Holmes McGuire VA Medical Center, Richmond, Virginia
- » Warrior Transition Unit, Walter Reed National Naval Medical Center, Bethesda, Maryland
- » Fort Belvoir Community Hospital (PEER review), U.S. Army Corps of Engineers, Woodbridge, Virginia
- » Hospital Adaptive Reuse Study, The College of William & Mary, Williamsburg, Virginia
- » Bryce Psychiatric Hospital Replacement Study, Department of Mental Health & Mental Retardation, Tuscaloosa, Alabama



Bachelor of Architecture University of North Carolina Charlotte 1995

Bachelor of Arts University of North Carolina Charlotte 1994

Registration

Registered Architect
West Virginia (pending)
Alabama
District of Columbia
Florida
Georgia
Idaho
Kentucky
Maryland
North Carolina
Ohio
South Carolina
Tennessee
Virginia

LEED Accredited Professional

Years of Experience

Ms. Currin is a registered architect with more than 21 years of experience in the design, management and construction of public, private, healthcare, institutional and commercial projects. With experience as a project manager, planner and designer of healthcare projects, she maintains a focus on construction methods, cutting edge medical technology and medical procedures. Ms. Currin has orchestrated the design and construction of renovations and additions, involving virtually all components of a hospital. Ms. Currin has assisted an assortment of client types in meeting major planning and facility goals. She has illustrated the ability to deliver customized service to satisfy the specific needs of health care clients, resulting in an extensive list of successful commissions from repeat clients. She has been involved in over 300 construction projects, totaling over 4,000,000 SF of construction. Ms. Currin's design and construction supervision experience includes facilities such as hospitals, behaviroal halth facilities, outpatient surgical centers, medical office buildings, Intermediate Care Facilities for intellectually disabled, elderly care facilities, manufacturing facilities, office buildings, recreation facilities, and sports rehabilitation.

- » Adult Mental Health Treatment Facility, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Hancock Geriatric Treatment Center, Virginia Department of Behavioral Health and Developmental Services,

- Eastern State Hospital, Williamsburg, Virginia
- » Catawba Hospital HVAC Renovation, Virginia Department of Behavioral Health and Developmental Services, Catawba, Virginia
- » Mental Health Expansion, Hunter Holmes McGuire VA Medical Center, Richmond, Virginia
- » Camp LeJeune Hospital Renovation and Outpatient Clinic (PEER review), Jacksonville, North Carolina
- » Fort Belvoir Community Hospital (PEER review), U.S. Army Corps of Engineers, Woodbridge, Virginia
- » Warrior Transition Unit (PEER review), Walter Reed National Naval Medical Center, Bethesda, Maryland
- » Bryce Psychiatric Hospital Replacement Study, Department of Mental Health & Mental Retardation, Tuscaloosa, Alabama



Master Studies Architecture Virginia Tech 1983

European Study Abroad Program VT in Lugano, Switzerland College of Architecture & Urban Studies 1980

Bachelor of Science Psychology Virginia Tech 1975

Registration

Registered Architect Virginia

Years of Experience

Mr. Martin has 28 years of experience as an architect and project manager. A gifted designer with experience in the design of varying facility types, Mr. Martin has proven experience and knowledge on how to put complicated projects together in a logical and efficient way. His years of experience allow him to easily assess the conditions within an existing facility and determine the adaptability to a new proposed use. His commitment to excellence in design, as evidenced by his portfolio, will assist the project team in meeting the high quality of work necessary for a successful project.

RELEVANT EXPERIENCE

- » Sitter & Barfoot Veterans Care Center, Virginia Department of Veterans Services, Richmond, Virginia
- » Adult Mental Health Treatment Facility, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Hancock Geriatric Treatment Center, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Warrior Transition Unit, Walter Reed National Naval Medical Center, Bethesda, Maryland
- » Headquarters Facility, Defense Distribution Center, New Cumberland, Pennsylvania
- Academic Services Building, Germanna Community College, Fredericksburg, Virginia

» Jefferson Forest High School Renovation, Bedford County, Virginia



Bachelor of Fine Arts Interior Design Virginia Commonwealth University 1982

Registration

Certified Interior Designer Virginia

LEED Accredited Professional

Years of Experience

planner and programmer with 28 years experience in interior design and planning of commercial projects. Denise has been involved in over 1,200 space planning and full scope interior design projects, totaling more than 6,000,000 square feet during her career to date. Her interior design and project management experience include new construction and renovation projects for businesses such as healthcare, financial institutions, non-profit organizations, manufacturing, distribution and city and state government agencies. Her experience also includes working with corporate executives to master plan their real estate investment through the development of detailed strategic facilities plans, feasibility studies or programming reports, depending on the specific needs of each organization. She is a professional member of International Interior Design Association (IIDA).

Ms. McAdams is an interior designer,

- » Adult Mental Health Treatment Facility, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Hancock Geriatric Treatment Center, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- » Sitter & Barfoot Veterans Care Center, Virginia Department of Veterans Services, Richmond, Virginia
- » American Red Cross Renovation & Addition, Greater Richmond Chapter, Richmond, Virginia

- Fort Norfolk Plaza Medical Office Building, Lauth, Norfolk, Virginia
- » Wellness Center and Medical Office Building for Sentara Health Systems, Hammes Company, Hampton, Virginia



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 District of Columbia Florida Georgia Illinois Kentucky Maryland Maine Missouri Nebraska North Carolina Oklahoma

LEED Accredited Professional

Years of Experience

Pennsylvania South Carolina

Tennessea

Texas Washington

Virginia

Mr. Born is a fire protection engineer with 24 years of experience with the design and construction of government, private and commercial facilities. His 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. Mr. Born is an active member of several professional engineering organizations, including the National Fire Protection Association.

- Adult Mental Health Treatment Facility, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- Hancock Geriatric Treatment Center, Virginia Department of Behavioral Health and Developmental Services, Eastern State Hospital, Williamsburg, Virginia
- Sitter & Barfoot Veterans Care Center, Virginia Department of Veterans Services, Richmond, Virginia
- Warrior Transition Unit, Walter Reed National Naval Medical Center, Bethesda, Maryland
- Headquarters Facility, Defense Distribution Center, New Cumberland, Pennsylvania
- Fort Norfolk Plaza Medical Office Building, Lauth, Norfolk, Virginia
- Norfolk Consolidated Courts Complex, Norfolk, Virginia
- Half Moone Cruise and Celebration Center, Norfolk, Virginia



Bachelor of Science, Architectural Engineering/Structural University of Wyoming 2001

Registration

Professional Engineer Virginia

LEED Accredited Professional

Years of Experience

Ms. Burke is Clark Nexsen's Director of Sustainable Design and directs the firm's Sustainable Design Coordinators, a group of multi-discipline design professionals, who are committed to delivering high performance buildings that are healthy and safe. Externally, she supports clients during design, overseeing incorporation of sustainable, LEED and green concepts into projects, including shepherding projects through USGBC's LEED on-line registration processes. Ms. Burke works closely with Clark Nexsen's architectural and engineering staff as well as the firm's clients to ensure environmentally responsible design solutions are considered and implemented wherever feasible.

Ms. Burke is on the Board of Directors for the Hampton Roads Green Building Council, a local chapter of USGBC, and was named the first Chair-Elect of the Council. In August 2011, she served as a Peer Reviewer for the U.S. Small Business Innovation Research program. With the Virginia Chapters of USGBC Legislative Coalition, she helps inform elected officials on policy regarding high performing, healthy and safe buildings.

- » Warrior Transition Unit, Walter Reed National Naval Medical Center, Bethesda, Maryland
- » Headquarters Facility, Defense Distribution Center, New Cumberland, Pennsylvania
- » TA-5 Dining Facility, U.S. Army Corps of Engineers, Norfolk District, Fort Eustis, Virginia

- » Powhatan Sports Center, Old Dominion University, Norfolk, Virginia
- » Student Success Center, Old Dominion University, Norfolk, Virginia
- » Quad Student Housing, Old Dominion University, Norfolk, Virginia
- » Half Moone Cruise and Celebration Center, Norfolk, Virginia



Bachelor of Science, Civil Engineering West Virginia Institute of Technology 1989

Registration

Professional Engineer West Virginia Colorado Kentucky Maryland North Carolina Pennsylvania Tennessee Virginia

Years of Experience

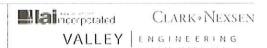
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Mr. Michael has extensive experience in the field of civil engineering with a majority of that time dedicated to the design of public and private infrastructure improvements and site specific improvement plans. He has designed or overseen the design and review of projects ranging from building additions to multiyear, multi-million dollar additions and expansions.

Mr. Michael ensures that the service and advice that the project team provides results in the achievement of the plans and goals of his client. He leads his team of engineers, planners, and surveyors in the mission to provide, through value engineering, constructability that produces long-term, quality solutions while at the same time saving the client time and money.

- » Hampshire Memorial Hospital, Romney, West Virginia
- » War Memorial Hospital, Berkeley Springs, West Virginia
- » City Hospital, Martinsburg, West Virginia
- » Jefferson Memorial Hospital, Charles Town, West Virginia
- Princeton Community Hospital,
 Princeton, West Virginia
- » Winchester Medical Center, Winchester, Virginia
- » Shenandoah Memorial Hospital, Woodstock, Virginia
- » Warren Memorial Hospital, Front Royal, Virginia

- » University of Virginia Health System, Charlottesville, Virginia
- » UVA Health Services Foundation, Charlottesville, Virginia



Master of Science, Civil Engineering University of Tennessee 2003

Bachelor of Science, Civil Engineering University of Tennessee 2002

Registration

Professional Engineer West Virginia Virginia

Years of Experience

Mr. Strong has design experience in the structural and civil engineering field with a majority of that time dedicated to the design of projects in the healthcare industry. He has experience ranging from small renovations to multi-million dollar expansion projects.

Travis' experience in building design includes healthcare, educational, governmental, and residential projects. His site design experience includes healthcare, commercial, and residential.

Travis works closely with the client, design team, and regulatory agencies to ensure that the client's expectations are met on time and a quality design is produced within the established budget.

RELEVANT EXPERIENCE

- » Hampshire Memorial Hospital, Romney, West Virginia
- » War Memorial Hospital, Berkeley Springs, West Virginia
- » City Hospital, Martinsburg, West Virginia
- » Jefferson Memorial Hospital, Charles Town, West Virginia
- » Princeton Community Hospital, Princeton, West Virginia
- » Winchester Medical Center, Winchester, Virginia
- » Shenandoah Memorial Hospital, Woodstock, Virginia
- » Warren Memorial Hospital, Front Royal, Virginia
- » University of Virginia Health System, Charlottesville, Virginia

» UVA Health Services Foundation, Charlottesville, Virginia



Bachelor of Science, Mechanical Engineering Purdue University 1984

Registration

Professional Engineer West Virginia District of Columbia Kentucky Maryland New Jersey North Carolina Pennsylvania Virginia

Years of Experience

As Valley Engineering's Director of Building Systems, Mr. Gentry has 27 years of combined experience related to industrial machine design, mechanical contracting, and mechanical, electrical, and plumbing systems design. His broad experience base provides unique skills in master planning, feasibility studies, estimating, existing building surveys, problem solving, building systems design, building controls, and an ability to quickly understand how designs fit within any given project.

Phil's knowledge and skills have developed through a wide range of projects including healthcare, industrial, nursing home, professional office, education, religious, historic, residential, and retirement community.

- » Hampshire Memorial Hospital, Romney, West Virginia
- » War Memorial Hospital, Berkeley Springs, West Virginia
- » City Hospital, Martinsburg, West Virginia
- » Monongalia General Hospital, Morgantown, West Virginia
- » Jefferson Memorial Hospital, Charles Town, West Virginia
- » Princeton Community Hospital, Princeton, West Virginia
- » St. Mary's Medical Center, Huntington, West Virginia
- » Winchester Medical Center, Winchester, Virginia
- » Shenandoah Memorial Hospital, Woodstock, Virginia

- » Warren Memorial Hospital, Front Royal, Virginia
- » Rockingham Memorial Hospital, Harrisonburg, Virginia
- » University of Virginia Health System, Charlottesville, Virginia



Bachelors of Science, Engineering Technology Old Dominion University 2002

Registration

Professional Engineer West Virginia Virginia

Master Electrician West Virginia Virginia

LEED Accredited Professional

Years of Experience

Jerry Heavner brings over 20 years of electrical experience to the table to provide design solutions from the ground up. Jerry's broad range of experience in the electrical trade helps him to provide engineering solutions that are thought about from the perspective of the installer as well as the designer. His design ideas are well suited to the owner due to his contracting experience with designing projects under tight budget constraints.

Jerry has a broad range of experience in the electrical arena. After graduating with an associate's degree from West Virginia Institute of Technology in 1989, he worked as an electrician for several years. This experience provided him with lots of hands-on electrical experience in multifamily, residential, industrial, commercial, institutional, and healthcare projects. He then worked for a local electric utility company for a short while and learned the basics of electric utility design. After that, Jerry began his engineering career, working for a top local electrical contractor providing electrical design-build services. During this time, he provided engineering, project management, estimating, and budgeting services for a broad range of project types.

- » Hampshire Memorial Hospital, Romney, West Virginia
- » War Memorial Hospital, Berkeley Springs, West Virginia
- » City Hospital, Martinsburg, West Virginia
- » Monongalia General Hospital, Morgantown, West Virginia

- » Jefferson Memorial Hospital, Charles Town, West Virginia
- Princeton Community Hospital,
 Princeton, West Virginia
- » St. Mary's Medical Center, Huntington, West Virginia
- » Winchester Medical Center, Winchester, Virginia
- » Shenandoah Memorial Hospital, Woodstock, Virginia
- » Warren Memorial Hospital, Front Royal, Virginia
- » Rockingham Memorial Hospital, Harrisonburg, Virginia
- » University of Virginia Health System, Charlottesville, Virginia



Attended James Madison University 1969 - 1971

Registration

Professional Land Surveyor West Virginia Maryland Virginia

Years of Experience

Mr. Mars is a Licensed Professional Land Surveyor in the states of West Virginia and Maryland, and a Licensed Land Surveyor in the state of Virginia. As Director of Surveying at Valley Engineering, he coordinates all of the field land survey projects for the company, which include survey support for site design and engineering projects. For over 40 years he has provided surveying services and construction stakeout for numerous healthcare, commercial, industrial, and residential projects as well as subdivisions, nursing homes, education, airport, and religious projects. Mr. Mars' experience includes: ALTA/ACSM Land Title Surveys; Construction Stakeout; Boundary Surveys; Mortgage Surveys; Topographic Surveys; Subdivisions - Residential and Commercial; Engineering Support Surveying; FEMA Flood Certificates; and Surveying Support for Flood Studies.

Mr. Mars manages a highly trained and qualified team of field personnel and technical support staff, and reviews every project before it leaves the Valley Engineering office.

Under Mr. Mars' direction, his surveying team provides quality work in a timely manner. He is dedicated to keeping his clients involved in all aspects of their projects and believes that every project is a team effort.

- » Hampshire Memorial Hospital, Romney, West Virginia
- » War Memorial Hospital, Berkeley Springs, West Virginia

- City Hospital, Martinsburg, West Virginia
- » Winchester Medical Center, Winchester, Virginia
- » Shenandoah Memorial Hospital, Woodstock, Virginia
- » Warren Memorial Hospital, Front Royal, Virginia



Master of Architecture Virginia Polytechnic Institute and State University

Bachelor of Science, Architectural Engineering Fairmont State University 1997

Registration

General Contractor No. WV041429

Years of Experience

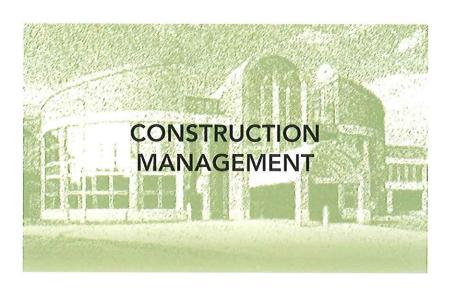
Robert Lindsey, Vice President of LAI, is the director of design and runs the West Virginia Division of LAI. Mr. Lindsey focuses on high quality design through six key elements of architecture; sustainability, form, space, place, materials and light. Mr. Lindsey uses these elements as the bases for LAI's design culture.

He is a member of Main Street Morgantown, and is active with Green Tearn Architecture Morgantown, among other West Virginia community service activities.

- Potomac Valley Hospital, Keyser, West Virginia
- North Central West Virginia Community Action Association, Transitional Housing for the Homeless, Fairmont, West Virginia
- North Central West Virginia Community Action Association, Permanent Housing for the Homeless Disabled, Fairmont, West Virginia
- Department of Health and Human Resources Office Building, Phillipi, West Virginia
- Department of Health and Human Resources Office Building, Kingwood, West Virginia
- Department of Health and Human Resources Office Building, Marlinton, West Virginia
- Keyser High School Fieldhouse & Concessions, Keyser, West Virginia
- Cornerstone Baptist Educational Building, Cumberland, Maryland

- Garrett Hall, Garrett College, McHenry, Maryland
- CityNet Office Headquarters, Bridgeport, West Virginia
- Parsons Revitalization, Parsons, West Virginia









From their Fairmont, West Virginia, office, LAI's Robert Lindsey will lead the Construction Administration services for this project, supplemented as needed by licensed design staff involved in this project. Mr. Lindsey will perform the following the tasks and responsibilities for the Owner:

PHASE 001 - SCOPE OF PRE-CONSTRUCTION SERVICES

1.00 Bidding/Negotiations services consisting of:

- Assistance to Owner in establishing list of Bidders or proposers
- Pre-qualification of Bidders or proposers
- » Participation in pre-bid conferences
- » Responses to questions from Bidders or proposers and clarifications or interpretations of Bidding Documents
- » Attendance at bid openings
- Documentation and distribution of bidding results

1.01 Analysis of Alternates/Substitutions services consisting of consideration, analyses, comparisons, and recommendations relative to alternates or substitutions proposed by Bidders or proposers either prior or subsequent to receipt of Bids or proposals.

1.02 Construction Contract Agreements services consisting of:

- » Notification of Contract Award(s)
- » Assistance in preparation of Construction contract Agreement forms for approval by Owner
- » Preparation and distribution of sets of Contract Documents for execution by parties to Contract(s)

- Receipt, distribution and processing, for Owner's approval, of required certifications of insurance, bonds and similar documents
- » Preparation and distribution to Contracts, on behalf of the Owner, of notice(s) to proceed with the work.

PHASE 002 - SCOPE OF CONSTRUCTION CONTRACT ADMINISTRATION SERVICES

2.00 Quotation Requests/Change Orders services consisting of:

- » Preparation, reproduction and distribution of Drawings & Specifications to describe work to be added, deleted, or modified
- » Review of proposals from Contractors for reasonableness of quantities and costs of labor and materials
- » Review and recommendations relative to changes in time for Substantial Completion
- » Negotiations with Contractors on Owner's behalf relative to costs of work proposed to be added, deleted, or modified
- Assisting in the preparation of appropriate modifications of Contracts for Construction
- » Coordinating of communications, approvals, notifications, and recordkeeping relative to changes in work.
- 2.01 Project Schedule Monitoring services consisting of monitoring the progress of the Contractors relative to established schedules and making status reports to Owner.



2.02 Construction Cost Accounting services consisting of:

- » Maintenance of records of payments on account of the contract sum and all changes thereto
- » Evaluation of Applications for Payment and certification thereof
- » Review and evaluation of expense data submitted by the Contractor(s) for work per formed under cost-plusfee arrangements.

2.03 Project Closeout services initiated upon notice from the Contractor(s) that work or a designated portion thereof which is acceptable to the Owner, is sufficiently complete, in accordance with construction documents, to permit occupancy or the use for which it is intended, and consisting of:

- A detailed inspection with the Owner's representatives for conformity of the work to the contract documents to verify the list submitted by the Contractor(s) of items to be completed or corrected
- » Determination of the amounts to be withheld until final completion
- » Securing and receipt of consent of surety or sureties, if any, to reduce in or partial release of retain-age or the making of final payment(s)
- » Issuance of Certificate(s) of Substantial Completion
- » Inspection(s) upon notice by the Contractor(s) of deficiencies found in follow-up inspection(s), if any
- » Final inspection with the Owner's representative to verify final completion of the work

- » Receipt and transmittal of warranties, affidavits, receipts, releases and waivers of lien or bonds indemnifying the Owner against liens
- Securing and receipt of consent of surety or sureties, if any, to the making of final payment(s)
- » Issuance of final certificate(s) for payment.

PHASE 003 - SCOPE OF POST CONSTRUCTION SERVICES

3.00 Maintenance and Operational Programming services consisting of:

- » Assistance in the establishment by the Owner of in-house or contract program(s) of operation and maintenance of the physical plant & equipment
- » Arranging for & coordinating instructions of operations and maintenance on equipment in conjunction with manufacturers' representatives
- » Assistance in the preparation of operations and maintenance manual(s) for Owner's use.

3.01 Start-up Assistance services consisting of:

- On-site observation, troubleshooting and assistance in the operation of building systems during initial occupancy
- » Assistance in the training of the Owner's operation and maintenance personnel in proper operations, schedules, and procedures
- » Administration and coordination of remedial work by the Contractor(s) after final completion.









3.02 Record Drawings services consisting of:

- » Making arrangements for obtaining from Contractor(s) and other parties information certified by them on all changes made during construction from the initial contract documents and on the location of concealed systems as installed during construction
- Review of general accuracy of information submitted and certified to by the Contractor(s)
- » Preparation of record drawings, based on information furnished by the Contractor(s), including significant changes in the work made during construction
- » Transmittal of record drawings and general data, appropriately identified, to the Owner and others, as directed.

3.03 Warranty Review services consisting

- » Consultation and recommendation to the Owner during the duration of warranties in connection with inadequate performance of materials, systems, and equipment under warranty
- » Inspection(s) prior to expiration of the warranty period(s) to ascertain adequacy of performance of materials, systems, and equipment
- » Documenting defects or deficiencies and assisting the Owner in preparing instruction to the Contractor(s) for correction of noted defects.

Bringing projects in on time and within budget is high priority at LAI, and our team has an excellent track record of providing unique designs within established budgets. As demonstrated by our past work cited in Section 1, we have consistently and creatively designed solutions - such as thermomass walls, modular and preengineered construction - to control costs and schedule to the owner's advantage without sacrificing quality.









The LAI / Clark Nexsen / Valley
Engineering team offers Virginia
Department of Administration more than
600 design professionals experienced
in designing behavioral healthcare and
psychiatric facilities.

LAI will lead our team, providing management of architecture and engineering services for design of the new 27,000 SF forensic Patient Care Unit at the William R. Sharpe, Jr. Hospital in Weston, West Virginia. In accordance with the study recommendations for this project, our design for the addition will be single-story attached wing on the northwest side of the current hospital. Design for renovation of ancillary spaces as necessary will also be accomplished. Our team's design services will include corrections to update areas to meet current Code requirements; redesign of the loading dock and correction of structural damage; and design of a new grease trap system on the existing sanitary sewer to address local utility requirements and improve sanitary conditions within the facility.

Valley Engineering, providing civil engineering and surveying services for this project, will assist where appropriate with design of the above, as well as for additional parking.

Clark Nexsen will perform planning and programming, and forensic mental health specialty design; as well as interior design; fire protection; and sustainable design coordination.

LAI will lead construction administration, with support from appropriate designers by discipline from our team firms, when needed.

We understand that other work is occurring at the existing facility that will

likely be concurrent with this proposed 50-bed addition project. We will propose appropriate Phasing strategies to minimize disruptions to the existing operations, to be approved by the Owner. When selected for this contract, further, our team will coordinate with ZDS Design/Consulting Services (the design professional for the renovation work) and other contractors involved in providing upgrades to the existing facilities in an effort to help reduce the risk of conflicts between projects. The LAI / Clark Nexsen / Valley Engineering team's proposed 50bed design will be compatible with other on-going renovation work, in line with the goal that these completed facilities have standardized systems for ease of maintenance and operations.

Our team is experienced in and will work to get required approvals from the DHHR; WV Fire Marshal; and the Office of Health Facilities Licensure and Certification; and any other regulatory agency having jurisdiction over forensic psychiatric hospital facilities.

Our team will submit design plans to the Owner for review and approval within 220 days of contract award to help ensure West Virginia Department of Administration can meet its goal of providing sufficient care and shelter for residents in need.

