



February 26, 2009

John Abbott
Purchasing Division
2019 Washington Street, East
P.O. Box 50130
Charleston, WV 25305-0130

**Reference: EOI – Buckhannon Readiness Center
Requisition #DEFK 9015**

Dear Mr. Abbott,

The intent of this correspondence is to express our interest in the above referenced project. It is the objective of this letter to communicate Valley Engineering's desire to provide Architect/Engineering Professional Services for the West Virginia Army National Guard, Buckhannon Readiness Center in Upshur County, West Virginia.

The details of this expression of interest are outlined in the following sections, and are based upon our interpretation of the request for quotation published for the project. The Team we offer includes all necessary Valley Engineering Surveying Planning, L&W Enterprises, and VonNostrand Architects personnel needed to provide Architectural, Civil, Structural, Mechanical, Electrical Engineering, and Surveying services. Our team will provide the best value design services required to meet the Army National Guard's requirements in a timely fashion. The team's approach employs a local Architect, a practical and highly skilled engineering firm, and a retired senior military officer with extensive military construction experience.

Our Team's desire is to provide facilities that are aesthetically pleasing and incorporate advanced technology with flexible functionality to best support the various Readiness Center war fighting missions.

Attached are the team's qualifications, experience, and examples of previous projects along with the required Purchasing Division forms and Affidavit.

If you have any questions or need additional information, please do not hesitate to contact me directly.

Respectfully Submitted,

Daniel K. Michael, PE
Owner/Principal

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2009 FEB 26 A 10:15

PURCHASING DIVISION
STATE OF WV

West Virginia
Army National
Guard

EOI – Buckhannon
Readiness Center

February 26, 2009





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

Request for Quotation

RFQ NUMBER
 DEFK9015

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 JOHN ABBOTT
 304-558-2544

RFQ COPY

TYPE NAME/ADDRESS HERE

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 Valley Engineering Surveying Planning
 3231 Peoples Drive
 Harrisonburg VA 22801

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DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION

1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
02/11/2009				

BID OPENING DATE: 02/26/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOF	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
CONTRACT TO PROVIDE ARCHITECT & ENGINEERING SERVICES FOR THE WEST VIRGINIA ARMY NATIONAL GUARD, BUCKHANNON READINESS CENTER, UPSHUR COUNTY, WEST VIRGINIA, PER THE ATTACHED DOCUMENTATION.						
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER:				JOHN ABBOTT-----		
RFQ. NO.:				DEFK9015-----		
BID OPENING DATE:				02/26/2009-----		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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



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

Request for Quotation

RFQ NUMBER
 DEFK9015

PAGE
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF
 JOHN ABBOTT
 304-558-2544

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE
 Valley Engineering Surveying Planning
 3231 Peoples Drive
 Harrisonburg VA 22801

SHIP TO

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION

 1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/11/2009				

BID OPENING DATE: 02/26/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING TIME:				1:30 PM-----		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
				540-432-0685-----		
CONTACT PERSON (PLEASE PRINT CLEARLY):						
				Daniel K. Michael, PE-----		
***** THIS IS THE END OF RFQ DEFK9015 ***** TOTAL:						_____

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

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

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

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

ANTITRUST:

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

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

LICENSING:


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

CONFIDENTIALITY:

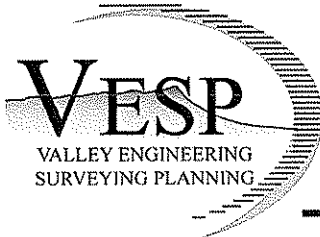
The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure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

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

Vendor's Name: Valley Engineering Surveying Planning

Authorized Signature: 

Date: 2/25/09



Relevant Projects

Valley Health
Winchester Medical Center
Winchester, VA

Project Dates:

2004 - Current

Reference:

Mr. Mark Baker
Valley Health
460 Amherst St.
Winchester, VA
22801
540-536-4543

Project Manager:

Daniel K. Michael, PE



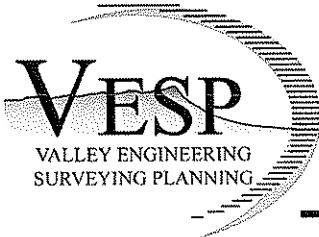
Winchester Medical Center East Garage

As Winchester Medical Center continues to expand, on-campus parking facilities find that their demand is exceeding their capacity. WMC hired Valley Engineering Surveying Planning to analyze their existing parking facilities for adequacy, and then prepare a detailed list of recommendations for the campus's future growth and ability to meet parking needs. Part of VESP's recommendation was the construction of a new five-story parking garage, one with a capacity of 561 spaces, with the ability to achieve future expansion. VESP provided all necessary site and utility surveying and design for this structure, and also led efforts on parcel rezoning and boundary line vacations necessary for the structure to avoid setback violations. Construction is set to begin in early 2009.

Winchester Medical Center Sewer Upgrades

Development of plans to upgrade existing sewer mains from 8" to 12". Sewer metering was performed followed by a detailed analysis evaluating the capacity of downstream facilities. Analysis concluded that upgrades were necessary for future expansion projects. With service interruption impossible, the project included the use of bypass pumps to ensure continuous operation of the existing sewer main. Issues such as rock excavation and overall disturbance were overcome by same-trench replacement. Project consisted of ±3,125 LF of upgrades. Total anticipated project cost \$800,000.





Corporate/Personnel Experience

Valley Engineering Surveying Planning and the team offered herein have successfully designed and constructed many successful projects with complex functional relationships, mechanical systems and communication systems. These projects range in size from minor site/building additions to complete campuses housing facilities/developments in excess of 3,000 acres. Services offered include: site planning, zoning analysis, site infrastructure improvements, traffic planning and maneuverability, pedestrian flow, building structures, and all associated mechanical, electrical, communication, plumbing, and structural design and construction phase services including Construction Management and inspection. Related facilities/projects include: resorts, medical facilities and campuses, professional office complexes, industrial and commercial parks, schools, maintenance facilities, call centers, data centers, and residential subdivisions.

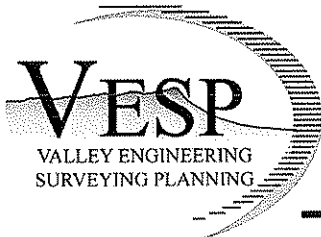
*West Virginia
Army National
Guard*

*EOI – Buckhannon
Readiness Center*

February 26, 2009

Examples of related projects include:





Relevant Projects

Project Dates:

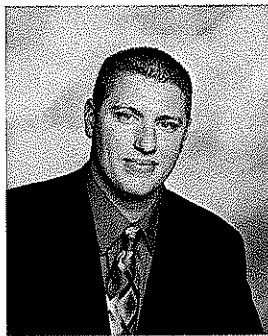
2007 - Current

Reference:

Mr. Dale Cupp
Miller Cupp
1951 Evelyn Byrd
Avenue
Harrisonburg, VA
22801
540-434-6044

Project Manager:

Carl L. Snyder, PE



Ariake
Harrisonburg, VA

This design/build project included 9+/- acres associated with the expansion of an existing manufacturing facility used in the food processing industry. Design was provided for approximately 72,000 sf of building expansions. Engineering included: Roadway Alignment, Pavement Design, Site Grading, Utility Routing, Stormwater Management, Erosion and Sediment Control Design, Parking Lot Design, and Pump Station Design. Ongoing.





Relevant Projects

Project Dates:

2006 - 2008

Reference:

Mr. Steven Reid
Rockingham County
School Board
540-434-4434



Cub Run Elementary
School
Penn Laird, VA

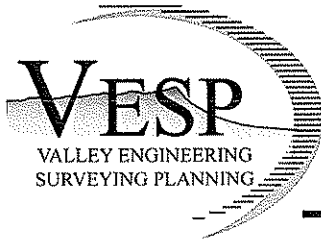
Project Manager:

Carl L. Snyder, PE



When the Rockingham County School Board decided a new elementary school was necessary, Valley Engineering Surveying Planning was contracted as part of their design team. Duties performed by VESP centered on the preparation of construction documents for the new school building, associated recreational areas, and related infrastructure, including bus parking and loading zones. An existing recreational facility was redesigned to allow for handicap accessibility. Grading was provided for a playfield, ideal for soccer and kickball. Topography and adjacent site limitations required the use of several retaining walls, with one reaching 18 feet at its highest point. Drainage obstacles were surmounted through the design of an aboveground / underground (combo) detention facility, which provides flood protection to downstream properties and addresses water quality issues. Sanitary Sewer was vigilantly designed to ensure proper flow characteristics. Access was provided by improving 1,175 feet of the adjacent State Route, in order to meet current design criteria. Other engineering included the design of more than three acres of parking lots and drives, pavement sections, storm sewer, water main extensions and supply, and erosion and sediment control. Construction management was also provided to ensure compliance with all associated regulatory agencies. During construction, shop drawings were reviewed and value engineered with contractor to reduce construction costs. Size - 102,000 SF, Cost - \$16.5 million. Architect - Moseley Architects.





Relevant Projects

Project Dates:

2006 - 2007

Reference:

Mr. Rick Chandler
The Town of Dayton
205 Main Street
Dayton, VA 22821
540-879-9538



Dayton Municipal
Building
Dayton, VA

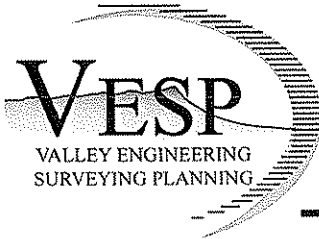
Project Manager:

Phillip Gentry, PE



Prepared mechanical, electrical, and plumbing systems design for a new municipal building. Mechanical systems design included provisions for future unfinished space and energy recovery units to handle ventilation air for high occupancy spaces. Electrical systems design included fire alarm, audio/visual provisions, interior/exterior lighting, and power. Plumbing systems design included creative design ideas providing the owner with a high quality end product while keeping plumbing construction costs to a minimum.





Relevant Projects

Project Dates:

2005 - 2007

Reference:

Mr. Mike Albright
Valley Health
1836 Amherst Street
Winchester, VA 22601
540-536-4537



Shenandoah
Memorial Hospital
ASU Expansion
Woodstock, VA

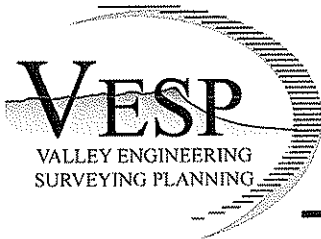
Project Manager:

Phillip Gentry, PE



Completed mechanical, electrical, plumbing, and medical gas systems design for a 16,800 ft² Ambulatory Surgery Unit addition. Design work included renovations to approximately 3,600 ft² of existing hospital OR Prep and Post Surgery areas. HVAC for the addition included an exterior VAV air handling unit with DDC controls and underground steam/condensate piping from the existing boiler plant. Electrical design included 4,000A service switchgear to support the entire hospital campus, a 350KW generator emergency and standby system with life-safety, critical, and equipment branch ATS's, lighting, fire alarm, and nurse call.





Relevant Projects

Project Dates:

2003 - 2005

Reference:

Mr. Randy Seitz
Blue Ridge Design
Studio
61 South Main Street,
Suite 200
Harrisonburg, VA
22801
540-437-1228

Project Manager:

Phillip Gentry, PE

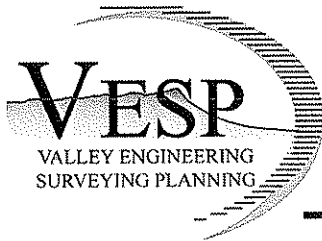


**Simms School
Historic Restoration
and Addition
Harrisonburg, VA**

Prepared structural, mechanical, electrical, and plumbing systems design documents for a renovation and addition to a historic school site serving the community. Community services include a Boy's and Girl's Club, After School Program, Counseling, Remote Police Office, Basketball Court, and Auditorium.

Cooling systems for the project included a 200 ton air cooled chiller, variable speed pumping systems. Heating systems included two (2) 2,400 MBH hot water boilers and variable speed pumping systems. Airside systems included air handling units, 100% outdoor air systems, fan coil units, and a complete building automation system.





Relevant Projects

Project Dates:

2006 - 2008

Reference:

Mr. Steven Reid
Rockingham County
School Board
540-434-4434

Project Manager:

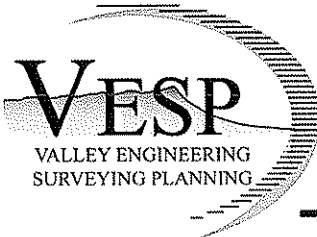
Carl L. Snyder, PE



Skyline Middle &
Smithland Elementary
School
Harrisonburg, VA

As part of the City's of Harrisonburg's contracted design team, Valley Engineering Surveying Planning helped develop construction documents for a new elementary and middle school (combined), including associated recreational areas and related infrastructure. Drainage and grading plans were provided for the creation of three basketball courts, a softball field, a 165'x300' ft playfield, and a football field with encompassing track. Bus loading and unloading zones were designed to segregate passenger vehicles from bus lanes, and provide safe passage for pedestrian school children. Elevations and locations of buildings, parking lots, roadways, entrances, utilities, and detention basins were coordinated with other plans for a future public roadway. Engineering also included the design of 4,531 feet of roadway, nearly three acres of parking area, pavement sections, storm sewer, water mains, sanitary sewer, storm water management, erosion control, and water quality basins. Construction management was also provided to ensure compliance with all associated regulatory agencies. During construction, shop drawings were reviewed and value engineered with contractor to reduce construction costs. Size - 160,000 SF, Cost - \$33.5 million. Architect - Moseley Architects.





Relevant Projects

Valley Health
Winchester Medical Center
Winchester, VA

Project Dates:

2004 - Current

Reference:

Mr. Mark Baker
Valley Health
460 Amherst St.
Winchester, VA
22801
540-536-4543

Project Manager:

Daniel K. Michael, PE



Winchester Medical Center Support Services Facility

Civil engineering design which included coordination with other design professionals and client representation at meetings with local governing agencies; transformation of approved concept plan into constructible design; complete site design including parking, pedestrian, and traffic analysis, pavement design; utility main extensions with design and analysis; erosion control; emergency access plan; floodplain analysis and LOMR submittal with ultimate approval. VESP was brought into this project late and was under considerable time constraints. We met the expectations and deadlines placed upon us by the client and kept the project on schedule. 111,155 SF, \$17 million shell project, 2005.

Winchester Medical Center Wellness Center

Civil engineering design which included coordination with other design professionals and client representation at meetings with local governing agencies; transformation of approved concept plan into constructible design; complete site design including parking, pedestrian, and traffic analysis, pavement design; utility main extensions with design and analysis; erosion control; emergency access plan. As with any project, site costs were a limiting factor. Due to substantial amounts of excess cut, the project site costs exceeded budget figures. Due to our extensive knowledge of the campus and future development plans, we have been able to reduce hauling costs for this project and provide material which would have been required on a future construction project. 35,330 SF, initial budget \$13.5 million, ongoing.





Relevant Projects

Project Dates:

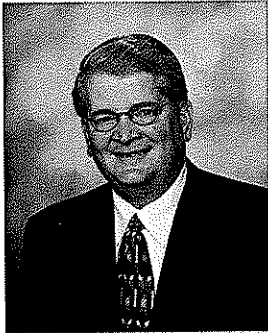
1990 - Current

Reference:

Mr. Bill Neff
Neff Enterprises
350 University Blvd.
Harrisonburg, VA
22801
540-434-9593

Project Manager:

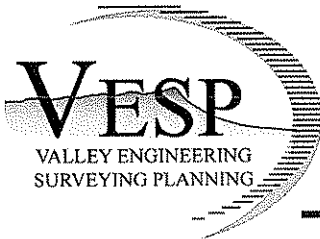
Daniel K. Michael, PE



Valley Mall
Commercial Park
Harrisonburg, VA

This design/build project consisted of 195 acres located in and around the Valley Mall and extending southward to the limits of James Madison University CISAT Campus. The staff at Valley Engineering Surveying and Planning provided the Planning, Surveying and Engineering associated with the development of approximately 15,000 lf of roadway, roughly 30,000 lf of water distribution and sanitary sewer mains, regional stormwater management facilities and all associated surveying. Upon completion of the overall infrastructure for the area, we completed construction documents and surveying plats for individual site development projects ranging from small 1 acre commercial sites to the roughly 12 acre Costco Facility.





Relevant Projects

Project Dates:

2004 - 2006

Reference:

Mr. William McPhail
406-868-9035

Project Manager:

Carl L. Snyder, PE



White Wave
Mt. Crawford, VA

This design/build project included 47± acres associated with expansion of an existing manufacturing facility used in the dairy industry. Design was provided for approximately 225,000 SF of building expansions, a wastewater treatment plant, and nearly 14,000 feet of utility lines. Engineering included: roadway alignment, pavement design, traffic turn-lane analysis, site grading, utility routing, storm water management, erosion and sediment control design. \$90+ million plus project.





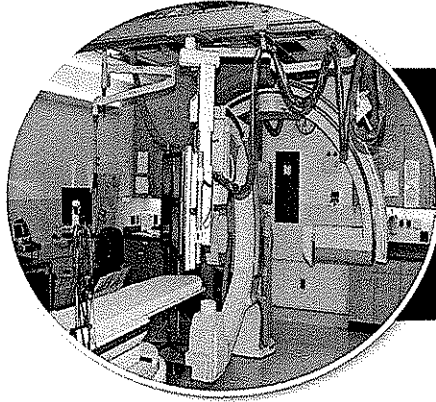
Relevant Projects

Project Dates:

2007 - 2008

Reference:

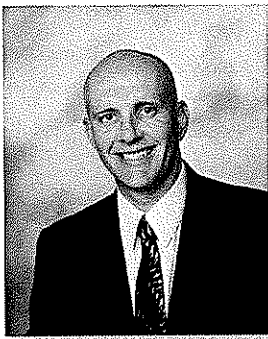
Mr. Kevin Dellinger
Valley Health
1836 Amherst Street
Winchester, VA 22601
540-536-4535



Winchester Medical
Center - EP/Cath
Labs
Winchester, VA

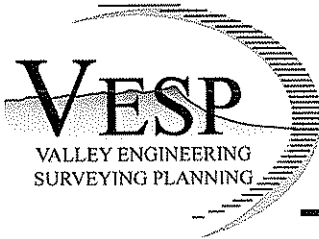
Project Manager:

Phillip Gentry, PE

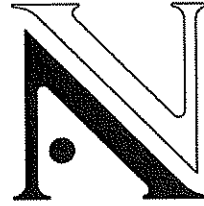


Completed mechanical, electrical, and plumbing systems design for a new EP Lab and renovation of two existing Cath Labs. Mechanical system design included upgrading an existing air handling unit to accommodate current AIA and ASHRAE filtration requirements.





Relevant Projects



VANNOSTRAND ARCHITECTS Selected projects

*West Virginia
Army National
Guard*

*EOI - Buckhannon
Readiness Center*

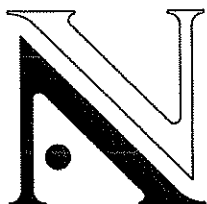
February 26, 2009

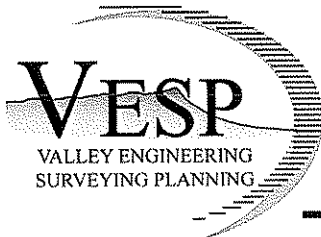


VanNostrand Architects, PLLC – Buckhannon, WV–
VanNostrand Architects is a full-service architectural and engineering firm, established in 1999, focusing on community facilities and industrial projects. The selected projects listed below best illustrate VanNostrand Architect’s qualifications for the Buckhannon Readiness Center project.

Weatherford International - Fracturing Technologies District Camp - Buckhannon WV (2008-09) This current project includes complete design services for a new 19 acre district camp for Weatherford's Fracturing Technologies division. Camp includes 11,000 square feet of office space, 12,000 square feet of fleet vehicle maintenance and repair shops, 5,000 square feet of vehicle wash bays, 5,000 square feet of bulk liquid chemical storage warehouse, and several outside foundations and containment structures for additional bulk storage of hazardous liquids. Project Budget: **\$5.5 MM.**

Weatherford International - Fracturing Technologies District Camp - Holden WV (2008-09) This current project includes complete design services for a new 12 acre district camp for Weatherford's Fracturing Technologies division. Camp includes 11,000 square feet of office space, 12,000 square feet of fleet vehicle maintenance and repair shops, 5,000 square feet of vehicle wash bays, 5,000 square feet of bulk liquid chemical storage warehouse, and several outside foundations and containment structures for additional bulk storage of hazardous liquids. Project Budget: **\$4.9 MM.**



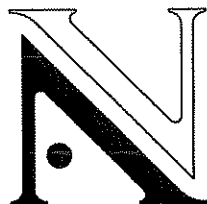


Relevant Projects

*West Virginia
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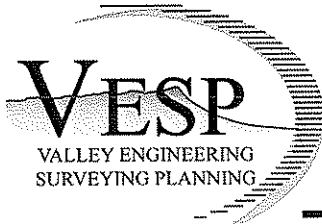
Weatherford International - Fracturing Technologies Sand Transfer Facility - Century WV (2008-09) This current project includes complete design services for a new sand transfer facility which will include 4 acres of site grading and storm water management, 1,000 lineal feet of a new railroad siding, (4) 1.2 MM pound above-ground sand storage silos, the necessary deep foundation system to bedrock, rail car dump pit, conveyor and bucket elevator system, 100 ton truck weigh scale, scale house and staff offices. Project Budget: **\$3.2 MM.**

Shinnston Emergency Management Services Facility - Shinnston WV (2008) This project included complete design services for a new 5,000 square foot EMS facility. Building consists of vehicle bays for four ambulances, a bunk room, a kitchen and lounge, two offices, toilet and shower facilities, a laundry, and supply storage rooms. Project Budget: **\$400K.**

A.F. Wendling Food Distribution Center, Buckhannon WV (2006-07) This project involved complete design services for the renovation of a vacant strip mall into a new food distribution center. Renovations included new electrical, HVAC and plumbing systems, as well as 40,000 square feet of dry food storage space, 6,000 square feet of new walk-in cooler space and 10,000 square feet of new freezer space. Site work included relocation of a stream to allow for adequate truck delivery access. Project Budget: **\$1.3 MM.**

Other relevant projects include:

- **New Buckhannon Fire Department, Buckhannon WV (2006) Budget: \$1.0 MM**
- **New Buckhannon Police Department, Buckhannon WV (2008-09) Budget: \$400K**
- **New Ellamore Volunteer Fire Department, Ellamore WV (2008-09) Budget: \$300K**
- **New Parsons Volunteer Fire Department, Parsons WV (2007) Budget: \$300K**
- **Addition to Banks District Volunteer Fire Department, Rock Cave WV (2007)**
- **Preliminary Study for New Canaan Valley Volunteer Fire Department, Canaan Valley, WV (2007)**



Qualifying Information

Valley Engineering Surveying Planning (VESP) is unique in the design skill sets that we offer and the teams we can organize for any given project. Several of our engineers were in the construction business before making the change to consulting engineering. Because of this construction experience, our designers are more adept and efficient in designing systems or structures to meet the Client's requirements. "You have to know how to build it to design it," this is a philosophy that we, as an engineering firm, embrace.

VESP offers land surveying, planning, civil, structural, mechanical, electrical and plumbing systems design. We provide a single point of contact for the client through one project manager to coordinate the efforts of our in-house designers and architectural and construction management firm partners. Our project managers simplify the communication process for the architect and Client by coordinating design discussions/requirements across the design team. The project manager's primary job is to be the Client's "go-to" person for every aspect of the project so that they can make fully informed decisions.

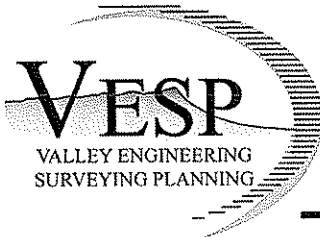
When we partner with an architectural firm for a specific project, it is our common goal to create a team that is carefully matched to the Client's requirements and desires. Additionally, we often partner with developers or builders who can offer a variety of project delivery options depending on the client's financial needs.

*West Virginia
Army National
Guard*

*EOI - Buckhannon
Readiness Center*

February 26, 2009





Key Personnel

Valley has acquired the services of Kirk Wilson, PE, who is a retired (November 2005) Navy Civil Engineers Corps Commander with extensive military facilities planning, project development, design, contracting and construction management experience gained over 20+ years of experience. His experience includes training facilities, barracks, transportation operations and maintenance facilities, headquarters and simulator facilities and various contingency construction facilities. He is the former Military Advisor to the Deputy Under Secretary of Defense for Installations and Environment, Public Works Officer of Naval Air Station Lemoore, CA and Naval Hospital Camp Lejuene, NC, Officer in Charge of Contracts (Construction and Services), US Naval Base, Guantanamo Bay, Cuba and various other assignments. He is a firm believer in sustainable design and has experience with life cycle cost analysis and technology integration.

*West Virginia
Army National
Guard*

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Readiness Center*

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He formally held a DAWIA Level III Contract warrant with authority up to \$15M and experience in Design-Build, Best Value Source Selection, as well as, traditional design-bid-build acquisition processes. He has an inactive Top Secret security clearance.

Kirk is currently President of L&W Enterprises, Inc. and has extensive experience with DEP permits, sub-division and road design, surveying and other site development engineering and construction management.

In addition to Kirk, multiple other qualified team members from Valley Engineering Surveying Planning and VanNostrand Architects have been assembled for the purpose of providing the services requested for the Army National Guard Buckhannon Readiness Center.

Following are their resumes:



CITY OF BUCKHANNON, WV
 West Virginia National Guard
 Buckhannon Readiness Center

Valley Engineering
 Surveying Planning
 Harrisonburg, Virginia

Daniel K. Michael, PE
 Partner/Principal
 Project Manager

Carl L. Snyder, PE
 Director of Civil Engineering
 Civil Engineer

Jeffrey W. Hawk, PE
 Civil Engineer
 VESP Petersburg, WV Office

Phillip L. Gentry, PE
 Director of Building Systems
 Mechanical Engineer

Norman K. Clark, PE
 Mechanical Engineer

Mark D. Kipps, PE
 Plumbing Engineer

William S. Bennett, EIT
 Electrical Engineer

Ted Enosaki
 Assistant Director of Building Systems
 Structural Engineer

Travis J. Strong, PE
 Project Engineer

Seth O. Roderick, PE
 Director of Planning & Transportation
 Transportation Engineer

Bradley S. Riggleman, PE
 Project Engineer

Meredith R. Ward, EIT
 Senior Planner

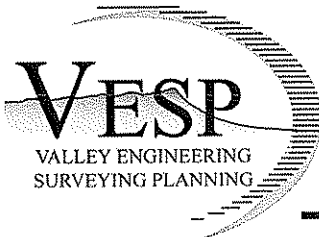
Charles "Kirk" Wilson, PE
 President
 L & W Enterprises

Curtis Keplinger, PS
 Head Surveyor
 L & W Enterprises

Bryson VanNostrand, AIA
 Owner
 VanNostrand Architects

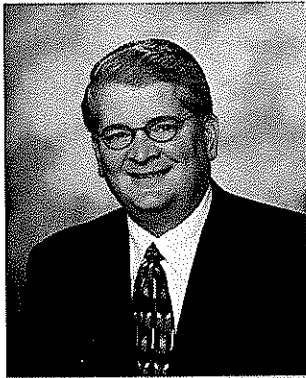
Clayton Carter, PE
 Structural Engineer





Daniel K. Michael, PE

Owner, Project Manager



Education

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

Licensure

- Engineering - Virginia - 1996
- Engineering - Pennsylvania - 1998
- Engineering - West Virginia - 2000

Years Experience

- VESP: Started Valley Engineering in 1997 - Present
- Neff Enterprises: 1995 - 1997
- City of Harrisonburg: 1992 - 1995
- Copper & Associates: 1990 - 1992
- WV Dept. of Highways: 1986 - 1988

Professional and Community Affiliations

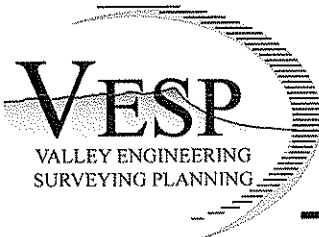
- American Society For Healthcare Engineering
- American Society of Civil Engineers
- National Society of Professional Engineers
- Numerous boards and committees serving the local area

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 reviewed projects ranging from building additions to multi-year, multi-million dollar resort 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.

Mr. Michael's professional experience includes:

- Client and Project Management
 - Meeting with the client to discuss and understand their objectives and expectations
 - Leading the team to ensure the client's goals align with those of the design professionals
- Site Design and Related
 - Utility/Distribution Layout, Design and Analysis
 - Erosion Control and Stormwater Management Plans
 - Roadway Layout and Pavement Design
 - Site Assessments/Evaluations
 - Professional Witness
 - Grading Plans
- Floodplain Management
 - CLOMA/R and LOMA/R Preparation and Submittal
 - Floodplain Determination
 - Floodway Delineation
 - ProHEC-2 Proficient



Carl L. Snyder, PE
Director of Civil Engineering



Mr. Snyder has experience in both the private and public sectors of civil engineering. He has valuable design experience on projects ranging from single commercial lot development to large industrial facilities and large residential subdivisions. He works closely with the client, appropriate regulatory agencies, and all members of the design team to ensure a safe, quality product which meets or exceeds the client's expectations is delivered.

Mr. Snyder's professional experience includes:

Education

- o Bachelor of Science, Civil Engineering
- o Virginia Tech - 2002

Licensure

- o Engineering - Virginia - 2007
- o Engineering - West Virginia - 2008

Years Experience

- o VESP: 2004 - Present
- o Virginia Dept. of Transportation: 2001 - 2004

Professional and Community Affiliations

- o American Society of Civil Engineers
- o National Society of Professional Engineers

■ **Project Management**

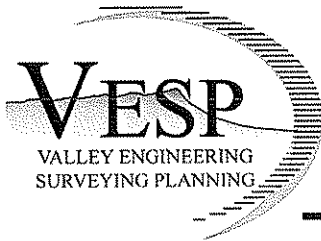
- o Works closely with the client and provides project status updates
- o Project coordination with architects and other design professionals
- o Coordination with regulatory agencies to ensure a constructible product is prepared which is in compliance with all applicable standards
- o Construction Management: shop drawing review, construction observation, client and contractor project coordination meetings

■ **Land Development / Site Design**

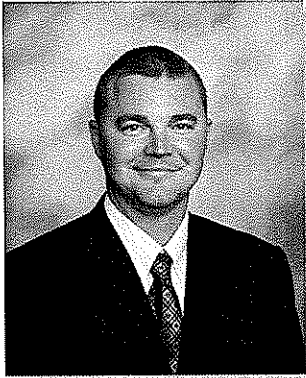
- o Utility/Distribution Layout and Design
- o Grading Plans (Balance Cut and Fill)
- o Water System Analysis and Design
- o Pump Station Design and Analysis
- o Erosion and Sediment Control Plans
- o Stormwater Management
- o Value Engineering
- o ADA Compliance
- o Sanitary Sewer
- o Water Quality
- o Fire Coverage
- o Storm Sewer

■ **Roadway Design / Traffic Analysis**

- o Roadway Capacity / Turn-Lane Analysis
- o Vertical and Horizontal Alignment
- o Pavement Design
- o Parking Analysis



Jeffrey W. Hawk, PE
Project Engineer



Mr. Hawk is responsible for plan development and design for residential, commercial, and business sites. He manages projects from conception to completion. He specializes in engineering design and analysis, cost estimates, and the design of public and private infrastructure.

Mr. Hawk's design experience includes:

Education

- o Bachelor of Science, Civil Engineering
- o Fairmont State College - 2000

Licensure

- o Engineering - West Virginia - 2009

Years Experience

- o VESP: 2000 - Present

Professional and Community Affiliations

- o American Society of Civil Engineers

■ Project Management

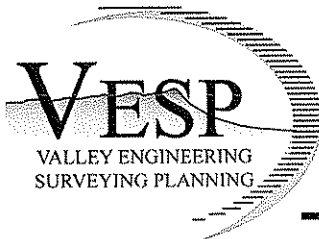
- o Works closely with the Client and provides updates of project status
- o Project coordination with architects and other design professionals
- o Coordination with regulatory agencies to ensure a feasible design is provided which is in compliance with all applicable standards
- o Construction Management: shop drawing review, construction observation, client and contractor project coordination meetings

■ Land Development / Site Design

- o Utility/Distribution Layout and Design
- o Grading Plans (Balance Cut and Fill)
- o Water System Analysis and Design
- o Pump Station Design and Analysis
- o Erosion and Sediment Control Plans
- o Stormwater Management
- o Value Engineering
- o ADA Compliance
- o Sanitary Sewer
- o Water Quality
- o Fire Coverage
- o Storm Sewer

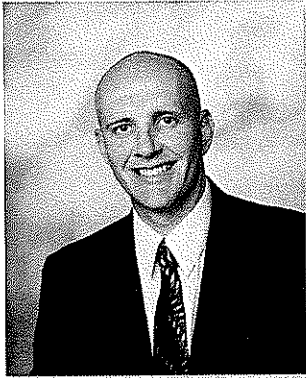
■ Roadway Design / Traffic Analysis

- o Roadway Capacity / Turn-Lane Analysis
- o Vertical and Horizontal Alignment
- o Pavement Design
- o Parking Analysis
- o Public Safety



Phillip L. Gentry, PE

Director of Building Systems



Education

- o Bachelor of Science,
Mechanical Engineering
- o Purdue University - 1984

Licensure

- o Engineering - Virginia -
1995
- o Engineering - West Virginia
- 1999
- o Engineering - Pennsylvania -
2002
- o Engineering - North
Carolina - 2002
- o Engineering - Maryland -
2002
- o Engineering - New Jersey -
2002

Years Experience

- o VESP: 2005 - Present
- o SES: 2000 - 2005
- o Riddleberger Bros., Inc.:
1991 - 2000
- o R.R. Donnelley & Sons:
1984 - 1991

Professional and Community Affiliations

- o American Society for
Healthcare Engineering
- o The American Society of
Mechanical Engineers
- o American Society of
Heating, Refrigerating, and
Air-Conditioning Engineers
- o National Fire Protection
Association

As the director of Building Systems, Phil Gentry is genuinely dedicated to raising the expectation and impression of consulting engineers. Phil has 25 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.

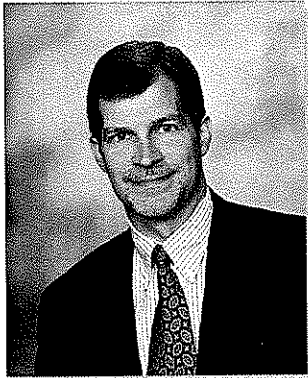
Phil's knowledge and skills have developed through a wide range of projects including industrial, healthcare, nursing home, professional office, education, religious, historic, residential, and retirement community. He enjoys the challenge each project provides and strives to lead design teams with project management skills developed through a variety of experiences.

Phil's Building Systems professional experience includes:

- Plumbing Systems
 - o Domestic Hot and Cold Water Systems
 - o High and Low Pressure Air Systems
 - o Sanitary and Vent Systems
 - o Process Water System
 - o Medical Gas Systems
- HVAC Systems
 - o Single Zone HVAC Systems (DX)
 - o Steam and Condensate Systems
 - o Heating Hot Water Systems
 - o Chilled Water Systems
 - o VAV Systems
 - o Controls
- Electrical Systems
 - o Uninterruptible Power Supplies (UPS)
 - o Normal and Emergency Power
 - o Switchgear
 - o Lighting
- Facilities and Construction
 - o Systems Troubleshooting
 - o Contract Administration
 - o Facilities Management
 - o Project Management
 - o Cost Development
 - o Commissioning



Norman K. Clark, PE
*Assistant Director of Building Systems – Mechanical
Project Manager*



Education

- o Bachelor of Science, Mechanical Engineering
- o Virginia Polytechnic Institute and State University - 1983

Licensure

- o Engineering - Virginia - 1987

Years Experience

- o VESP: 2005 - Present
- o SES: 2003 - 2005
- o Other: 21

Professional and Community Affiliations

- o Young Life Local Area Committee - 5 years
- o Young Life Local Area Treasurer - 3 years

Mr. Clark's primary responsibility includes completing high end HVAC systems design for demanding projects. While Norman's focus is on HVAC systems design he also is responsible for office productivity, coordinating design disciplines, drafting tasks, project schedules and training younger engineers. Norman has 24 years of design experience as a consulting engineer. The breadth of his experience is apparent in the quality and speed of his design work. Norman strives to complete projects in a timely cost effective fashion while developing design documents with excellent content for contractor interpretation.

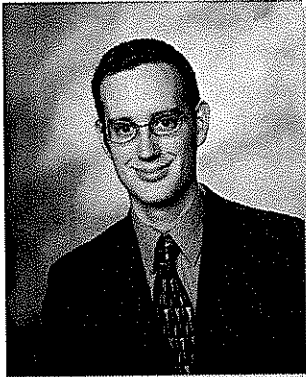
Architects often express their appreciation of Norman's focus relative to coordinating chase sizes, equipment location, ceiling heights, and team communication skills. Moreover contractors and owners express their appreciation of his ability to create cost effective and competitive design documents. Projects such as healthcare, nursing home, professional office, religious, and retirement community highlight his design skill set. He treats every project, large and small, like it is his own and approaches every project with equal enthusiasm.

Norman's Building Systems professional experience includes:

- HVAC Systems Design
 - o Single Zone HVAC Systems (DX)
 - o Steam and Condensate Systems
 - o Heating Hot Water Systems
 - o VAV and CV Air Systems
 - o Chilled Water Systems
 - o Controls
- Plumbing Systems Design
 - o Domestic Hot and Cold Water Systems
 - o Sanitary and Vent Systems
 - o Storm Drainage Systems
 - o Gas Piping



Mark D. Kipps, PE
Plumbing Engineer, Project Manager



Mr. Kipps' primary responsibility includes completing plumbing systems design for Valley Engineering projects. Mark also completes some light HVAC systems design. Prior to becoming a consulting engineer, his industrial experience helped develop excellent estimating skills. As a result of this, Mark understands an owner's desire to provide affordable and constructible designs.

Mark has a passion for engineering and is not afraid to put extra effort into any design to make it successful. He has completed plumbing systems designs in healthcare, industrial, educational, professional office, historic, religious, and shopping centers.

Mark's Building Systems professional design experience includes:

Education

- o Bachelor of Science, Mechanical Engineering
- o Virginia Tech - 2002

Licensure

- o Engineering - Virginia - 2009

Years Experience

- o VESP: 2007 - Present
- o Kennametal, Inc.: 2006 - 2007
- o SES: 2004 - 2006
- o Johns Manville: 2002 - 2004

Professional and Community Affiliations

- o Virginia 4-H All Stars
- o Muhlenberg Lutheran Church

■ Plumbing Systems

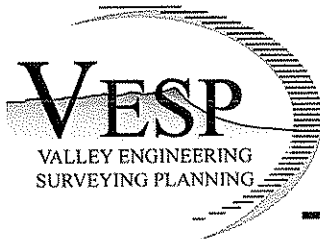
- o Domestic Hot and Cold Water Systems
- o High and Low Pressure Air Systems
- o Natural Gas and Propane Piping
- o Acid Neutralization Systems
- o Oil/Sand Interceptor Design
- o Sanitary and Vent Systems
- o Grease Interceptor Design
- o Water Softening Systems
- o Process Water Systems
- o Medical Gas Systems

■ HVAC System

- o Fuel Oil Storage and Delivery Systems
- o Single Zone HVAC Systems (DX)
- o Kitchen Hood Systems
- o Steam Systems

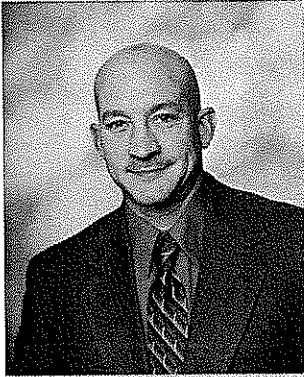
■ Facilities

- o Systems Troubleshooting
- o Facilities Management
- o Project Management
- o Cost Development



William S. Bennett, EIT

Electrical Engineer, Project Manager



Education

- Bachelor of Science, Electrical Engineering
- West Virginia Institute of Technology - 1992

Licensure

- EIT - Virginia - 1992

Years Experience

- VESP: 2005 - Present
- SES: 2001 - 2005
- Broadway Electric: 1992 - 2001

Professional and Community Affiliations

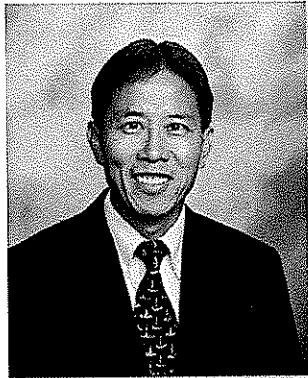
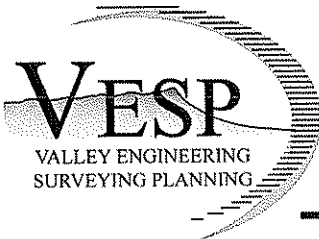
- Massanutten Technical Center Continuing Education Instruction: 1999 - 2004

Mr. Bennett's responsibility encompasses completing electrical systems design for a variety of Valley Engineering's market segments. The diversity of work Scott has experienced provides an opportunity to apply an assortment of design techniques to any given project. His desire to provide accurate design documents is evident with every project as he finds ways to improve his own skill set while working with the design team to prepare cost effective and complete design documents.

Scott has been a consulting engineer for 8 years. Prior to moving into the consulting field he was employed by a local electrical contracting firm. His responsibilities included estimating, project management and electrical systems design. This varied background allows Scott to complete economical electrical designs for industrial, institutional, educational, healthcare, professional office, commercial, historic, religious, shopping center, nursing home and assisted living communities.

Scott's Building Systems design experience includes:

- Electrical Systems Design
 - Generator and Automatic Transfer Switches
 - Hospital Life Safety, Critical Branch, and Equipment Branch Electrical Distribution
 - Uninterruptible Power Supplies (UPS)
 - Lighting Control Systems
 - Main Electrical Service
 - Building Lighting
 - Normal Power
 - Site Lighting
 - Switchgear
 - Fire Alarm
- Building Surveys
 - Existing Service Capacity Assessment
 - Existing Generator Size Assessment
 - Existing Building Riser Diagram Development
 - Existing Lighting Assessment



Ted T. Enosaki, PE, LEED AP

*Assistant Director of Building Systems – Structural
Project Manger*

Mr. Enosaki's primary responsibility includes completing specialized structural systems design for complex projects. His professional history is diverse and consists of structural engineering, architecture, mechanical design, electrical design, facilities management, and contract administration. Ted enjoys the challenge each project represents and prefers taking a leadership role in the design process. The level of Ted's experience and aptitude is demonstrated through his design work. Drawings are carefully detailed and thoroughly coordinated with all team members.

His experience in building design includes educational, governmental, healthcare, retirement community, and commercial projects. His project experience also includes recreational, industrial, religious, and multi-residential facilities. He has been licensed as a professional engineer since 1983 and has served as Structural Engineer of Record for projects since 1991.

Ted's professional experience includes:

Education

- o Bachelor of Science, Civil Engineering
- o Virginia Polytechnic Institute & State University - 1973

Licensure

- o Engineering - Virginia - 1983

Years Experience

- o VESP: 2002 - Present
- o APR Associates PC: 1997 – 2002
- o Hanover Engineers: 1986 - 1987, 1990 – 1996
- o McClintock & Assoc: 1988 - 1990
- o Roach Mercer Faison: 1985 - 1986
- o Harris Norman Giles: 1981 - 1985
- o C. E. Thompson & Sons: 1978 - 1980, 1987 - 1988
- o U. S. Navy: 1973 - 1977

Professional and Community Affiliations

- o National Society of Professional Engineers
- o American Society of Civil Engineers
- o American Institute of Steel Construction
- o American Concrete Institute
- o National Trust for Historic Preservation

■ Building Structural Design

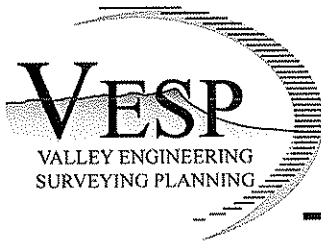
- o Structural and Light Steel Framing
- o Lateral Force Resisting Systems
- o Historic & Adaptive Reuse
- o Engineered Wood and Timber
- o Concrete and Masonry
- o Site Structures
- o Foundations

■ Building Systems Design

- o Architectural Systems
- o Industrial Systems
- o Electrical Power
- o HVAC Systems

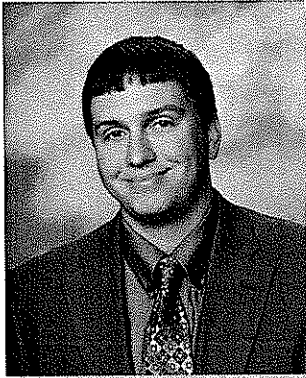
■ Facilities and Construction

- o Contract Administration
- o Facilities Management
- o Project Management
- o Cost Development



Travis J. Strong, PE

Project Engineer



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's experience in building design includes educational, governmental, healthcare, 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.

Education

- Master of Science, Civil Engineering
- University of Tennessee - 2003
- Bachelor of Science, Civil Engineering
- University of Tennessee - 2002

Licensure

- Engineering - West Virginia - 2008
- Engineering - Virginia - 2006

Years Experience

- VESP: 2003 - Present
- U.S. Air Force: 1996 - 1999

Professional and Community Affiliations

- American Society of Civil Engineers
- Virginia Society of Professional Engineers
- American Concrete Institute
- American Institute of Steel Construction

Mr. Strong's professional experience includes:

■ Structural Engineering

- Composite Structural Steel Framing Systems
- Lateral Force Resisting Systems
- Engineered Wood Framing
- 3-D Structural Modeling
- Retaining Wall Systems
- Concrete and Masonry
- Foundation Systems

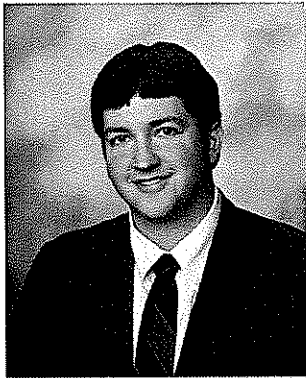
■ Civil Engineering

- Stormwater Quality and Quantity Management
- Grading Plans (Balance Cut and Fill)
- Erosion and Sediment Control Plans
- Site Lighting Photometric Design
- Stormwater Facility Design
- Utility Layout and Design
- Value Engineering
- ADA Compliance
- Pavement Design



Seth O. Roderick, PE

Director of Planning and Transportation



Mr. Roderick has experience in both the private and public sectors of planning and civil engineering. He has led the design of projects ranging from single commercial lots to large residential subdivisions and from new roadway layout and design to expansive roadway upgrading and rehabilitation. His obligation is to the client, the project, the reviewing agencies, and the public at large to produce a competent, quality product that will prove to be a benefit to all.

Mr. Roderick's professional experience includes:

Education

- o Bachelor of Science, Civil Engineering
- o Virginia Tech - 2002

Licensure

- o Engineering - Virginia - 2005

Years Experience

- o VESP: 2003 - Present
- o Anderson & Associates: 2002 - 2003
- o Federal Highway Administration: 1999 - 2001

Professional and Community Affiliations

- o American Society of Civil Engineers
- o National Society of Professional Engineers

■ Project Management

- o Work hand-in-hand with reviewing agencies to ensure a competent product is presented in compliance with all applicable standards
- o Set and meet realistic budget/time constraints
- o Work closely with the client to properly serve their needs and keep them informed
- o Assist client in negotiations with approving authorities with regard to requested off-site improvements, etc.

■ Transportation Engineering

- o Traffic Impact Analyses (TIAs)
- o Roadway Design/Construction Plans
- o Pavement Design
- o Traffic Signal Warrant Analyses
- o Signal Installation Plans
- o Roadway Signage and Striping Plans

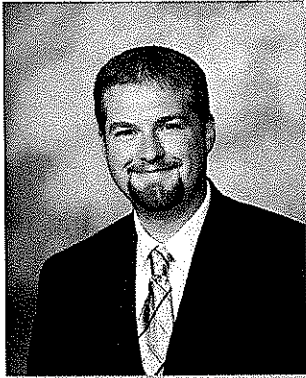
■ Land Planning / Site Design

- o Rezoning
- o Special Use Permits
- o Comprehensive Plan Amendments
- o Site Layouts
- o Preliminary Grading Plans
- o Value Engineering



Bradley S. Riggleman, PE

Project Engineer



Education

- Bachelor of Science, Civil Engineering
- West Virginia Institute of Technology - 2001

Licensure

- Engineering - West Virginia - 2006
- Engineering - Virginia - 2007

Years Experience

- VESP: 2007 - Present
- West Virginia Division of Highways: 2002 - 2007
- West Virginia Division of Highways (Co-Op): 1998 - 2001

Mr. Riggleman has experience in both the private and public sectors of civil and transportation engineering. His experience in the public sector has qualified him to work closely with approving agencies in order to assure timely approvals and quick resolutions to design issues. He has contributed to the design process of many projects ranging from small residential subdivisions to large hospital campuses. Mr. Riggleman has also been involved in numerous traffic related projects, such as traffic impact analyses and traffic signalization plans. He works closely with the client and reviewing agencies for a greater understanding of project goals and to assure that the safety and well being of the general public is always the first priority. He strives to produce a quality design that successfully meets all project goals within monetary and budgetary restraints.

Mr. Riggleman's professional experience includes:

■ Project Management

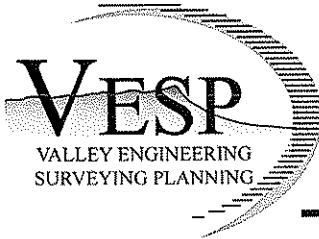
- Work alongside reviewing agencies to ensure a suitable design that is in compliance with all applicable standards
- Works closely with clients to keep them informed of project progress every step of the way
- Organize and direct flow so that deadlines and budgets are met

■ Transportation Engineering

- Traffic Impact Analyses (TIAs)
- Roadway Design/Construction Plans
- Sequence of Construction Plans for Roadway Projects
- Intersection Signalization Plans
- Signage and Striping Plans

■ Land Planning / Site Design

- Rezoning
- Site Layouts
- Preliminary Grading Plans
- Erosion and Sediment Control Plans
- Value Engineering



Meredith R. Ward, EIT
Senior Planner



Education

- o Bachelor of Science,
Civil Engineering
- o Virginia Tech - 2003

Licensure

- o EIT - Virginia - 2003

Years Experience

- o VESP: 2004 - Present
- o Branch Highways &
Branch & Associates:
2003 - 2004

**Professional and
Community Affiliations**

- o American Planning
Association - VA
Chapter
- o Shenandoah Valley
Builders Association
- o Augusta Home Builders
Association

Mrs. Ward's experience has been in construction and land development since graduation from Virginia Tech in 2003. She began at VESP as a civil engineer and found an interest in planning very quickly. Her experience in the field as well as in the engineering department made for a great asset to the planning department. Her strong knowledge in water and sewer systems, stormwater management, and site grading gave the planning department an extra edge in determining site feasibility, layout, and preliminary site costs.

Working directly under Mr. John Ray Nicely, Mrs. Ward concentrated her time in the planning department studying his methods for effective planning practices and became familiar with local regulations, subdivision, and zoning ordinances until his retirement. Now, Meredith oversees department functions such as rezonings, Master Planned Community design, and site feasibility studies. Because most projects begin within the Planning Department, Meredith's strong emphasis on job structure and departmental coordination leaves little room for error and produces an efficient end product. Clients recognize Meredith's attention to detail and engineering foresight to create developments that incorporate desirable planning practices in conjunction with site specific challenges to minimize overall impacts. VESP's Planning Department has maintained a strong relationship with all local agencies, their governing boards and councils, and multiple field related organizations. Mrs. Ward's goals go hand in hand with those of the overall company to further establish the characteristics that comprise VESP.

Mrs. Ward's experience includes:

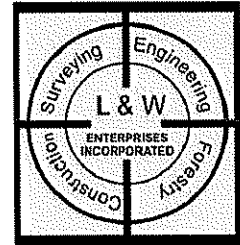
- Recreation/Resort Development
- Commercial Development
- Residential Development
- Health Services/Hospital Development
- Industrial Development

L

&

W

L&W Enterprises, Inc.



Surveying
Engineering
Construction
Forestry

Charles "Kirk" Wilson, PE, President
CDR, CEC, USN (Ret)

PO Box 826
Petersburg, WV 26847
304-257-4818

Education:

Bachelor of Science, Civil Engineering, West Virginia University – January 1985
Masters of Engineering, Environmental Engineering, Penn State University – 1991
Various DOD Acquisition University course work

Licensure:

WV Professional Engineer # 12483

Certifications:

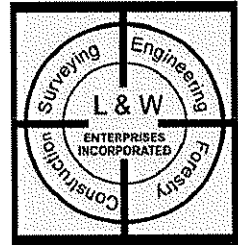
Defense Acquisition Workforce Level III Warranted Contracting Officer – Inactive

Experience:

- Twenty-two years of experience as a Navy Civil Engineer Corps Officer serving as a Facilities Construction, Maintenance, Contracting and Staff Officer at Naval Bases throughout the United States, Central and South America, Korea and Japan.
 - Planning, design and construction management on a wide range of construction projects ranging from water and wastewater treatment systems, roads, utilities, hospital systems, airfield and combat contingency construction with a total value in excess of \$1.2 Billion. Uniquely, comfortable with all disciplines and trades allowing ease of integration and efficient project execution.
 - Public Works Officer Naval Hospital Camp Lejeune, NC from June 1988 to July 1990– Managed facilities maintenance, construction and planning for 150 bed facility with clinics, emergency, and full ancillary support systems supporting the Second Marine Division. JCAHO experienced on Environment of Care issues and NFPA 99 and 101.
 - Head, Facilities Management Department, US Navy Healthcare Support Office, Jacksonville, FL from June 1994 to June 1996 – Managed facilities requirements, design and construction for all Naval Healthcare Facilities in the southeast US and Caribbean. Authored Healthcare Facilities Handbook for Installation Public Works Officers.
 - Public Works Officer/Officer in Charge of Construction, Naval Air Station Lemoore, CA from 2001 to 2003, Led a 100+ person team in the planning, design, contracting and construction of 300+ units of military family housing; airfield maintenance and construction for Navy F-18 Strike Fighter Aircraft; various simulators and maintenance facilities, and hospital facilities. Total value of projects in excess of \$200 Million.
 - August 2003 to October 2005 – Military Advisor to the Deputy Under Secretary of Defense for Installations and Environment - \$44 B DoD Budget planning and policy oversight

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L&W Enterprises, Inc.



Surveying
Engineering
Construction

Curtis E. Keplinger, PS
PO Box 826
Petersburg, WV 26847
304-257-4818

Forestry

Education:

Bachelor of Science, Forestry, West Virginia University – 1971

Licensure:

WV Professional Surveyor # 518

Professional Organizations:

Past - President of West Virginia Society of Professional Surveyors, 1984-1986
Member of WVSPS since 1972

Employment:

Employed at L & W Enterprises, Inc., Petersburg, WV - June 2002 to Present
Alpha Engineering Services, Beckley, WV - August 2000 to June 2002
Employed at L & W Enterprises, Inc., Petersburg, WV - January 1972 to June 2000

Experience:

- 36 years of general surveying practice with extensive experience in all facets of real property development on projects large and small. Over 30 large subdivisions with most recent being Bluffs on the Potomac (5,400 Acs) in Romney, WV, Ashton Woods (10,000 Acs) in Moorefield, WV.
- Extensive Construction surveying for subdivision and highway road systems, bridges and industrial stake-out. Industrial experience includes layout for a 250 crane within the VEPCO power plant and complete as-built surveys of the WESTVACO Luke and Covington Paper Mills. Building construction experience includes the 300 seat Grant County Arts Center.
- Thousands of small and large boundary surveys. Is a recognized expert in boundary law and determination with experience as a court appointed expert witness.
- Coal mining surface control and boundary experience for several large coal mining operations.
- Recognized expert in the use of SurvCADD and digital orthophotography.

QUALIFICATIONS

BRYSON VANNOSTRAND, AIA
ARCHITECT



EDUCATION:

Bachelor of Architecture	Virginia Polytechnic Institute and State University Blacksburg, Virginia
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PROFESSIONAL REGISTRATIONS:

Licensed Architect	West Virginia South Carolina
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Licensed Contractor	West Virginia
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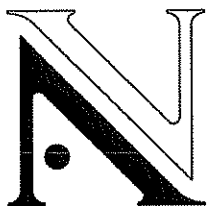
MEMBERSHIPS AND AFFILIATIONS:

Member	American Institute of Architects
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Member	National Fire Protection Association
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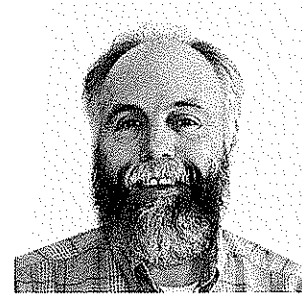
Associate Member	American Society of Civil Engineers
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Historic Architect	United States Secretary of Interior's Professional Qualification Standard for Historic Preservation
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QUALIFICATIONS

CLAYTON CARTER, P.E.
STRUCTURAL ENGINEER



EDUCATION:

Bachelor of Science - University of Pittsburgh
Civil Engineering Pittsburgh, Pennsylvania

PROFESSIONAL REGISTRATIONS:

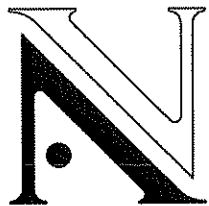
Licensed Engineer West Virginia
Virginia
Maryland
Pennsylvania

Licensed Surveyor West Virginia

MEMBERSHIPS AND AFFILIATIONS:

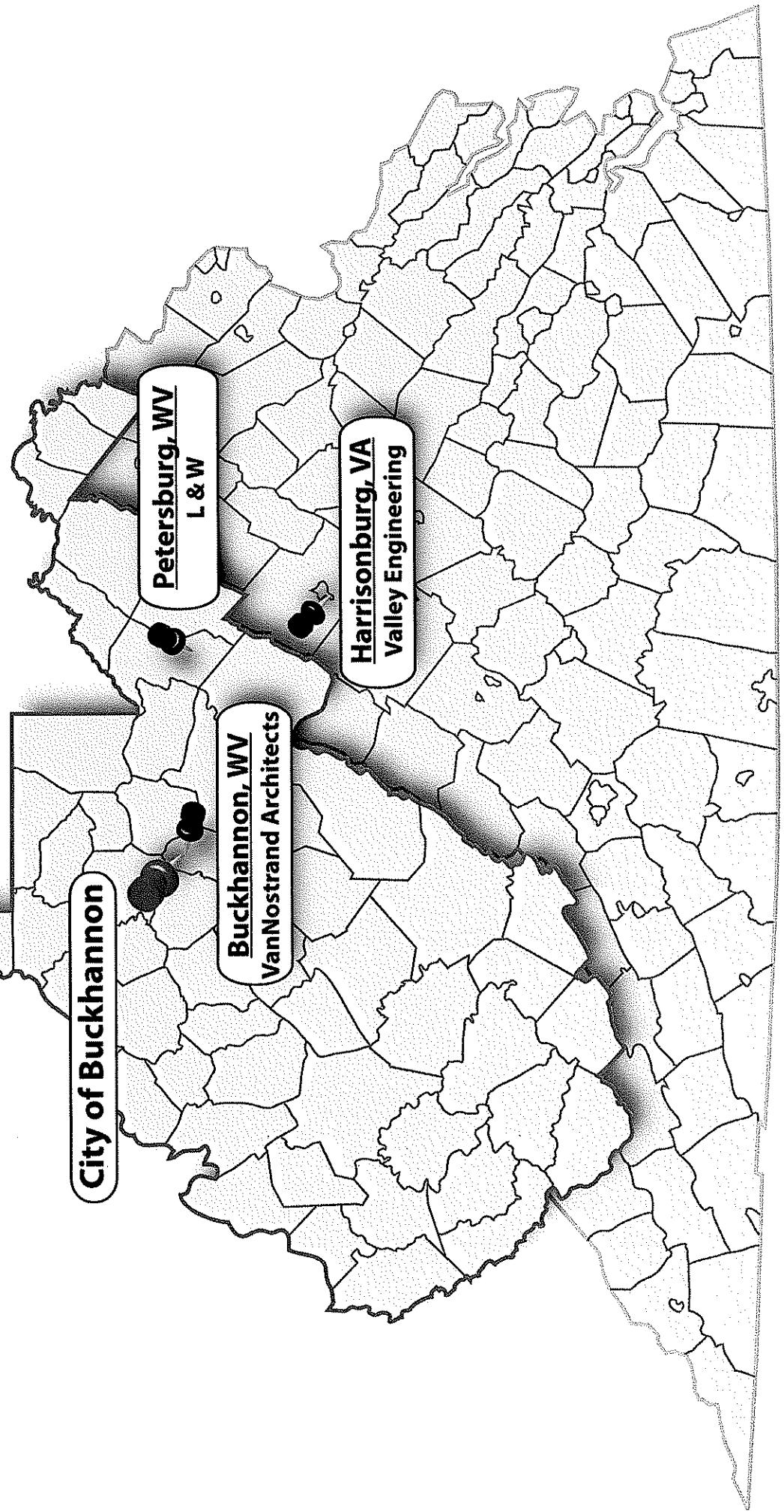
Member National Society of Professional Engineers

Member West Virginia Society of Professional Surveyors



CITY OF BUCKHANNON, WV - WEST VIRGINIA NATIONAL GUARD

BUCKHANNON READINESS CENTER





VESP Overview

Founded in 1997, Valley Engineering Surveying Planning (VESP) has grown from a one man operation to a full service firm. Acquiring Copper & Associates in January 2000, VESP added planning and surveying to its capabilities. In July 2001, VESP increased its market by expanding to Winchester, Virginia with the acquisition of Artz & Associates. VESP now has 45 employees in two locations providing service in Virginia, West Virginia, and other surrounding states. VESP is a certified small business.

March 2005, our firm established the Building Systems Division. The Building Systems Division provides traditional building mechanical, electrical, and plumbing systems design. This coupled with civil, structural engineering, land planning, and surveying provides our clients with a single point of contact for their engineering needs.

We work as a team with our clients to identify their needs and goals. Through schematic design, design development, and construction documents, each step of our design process is carefully communicated to the client. Our common goal is for the client to understand exactly what they should expect when their respective project is complete.

VESP believes successful projects begin with excellent planning and require interaction with the whole project team. Before beginning any design, we carefully help our client understand levels of expectation based on systems chosen and the amount of investment they are willing to make. Throughout the entire design process, we work with our clients to help them better comprehend project concepts that are both visible and hidden. We believe a better knowledge of these concepts creates increased owner awareness and satisfaction once the project is complete.

VESP's strength in our areas of expertise relies on over 150 years of combined design, construction, and installation experience. Prior to entering into the consulting business several members of the VESP design team worked for contracting firms building what we now design. This experience helps VESP develop reasonable budgets, accurate, energy efficient designs, and provides valuable insight for cost control during the design process.

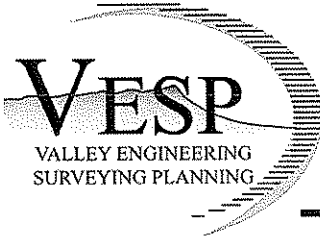
We acknowledge the difficulty in selecting engineering firms. You expect creativity and technical expertise. Most firms have these attributes although many would disagree strenuously over what constitutes them. It has been our experience that clients want design firms committed to service, who genuinely listen, and who treat your work as if it were their own. We offer this service. Our philosophy is reflected in the creative and practical approach to unique problems, technical expertise, experience, history of excellent service, and principles.

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L&W Overview

L&W Enterprises

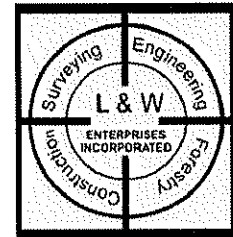
L&W Enterprises, Inc. is a family owned and operated small business that was founded 45 years ago by Leon Wilson and Tom Lantz. L&W has extensive experience in boundary surveys, large and small subdivisions, and all facets of forestry and timber marketing. In 2005 the current President, Kirk Wilson, WVPE, added engineering, construction, and contract management to the business after retiring from the US Navy after 22 years of service. Curtis Keplinger, PS, is the head surveyor and forester with over 35 years of experience (he has trained most of the Surveyors in the South Branch Valley,) and is recognized as the foremost authority on surveying in the area.

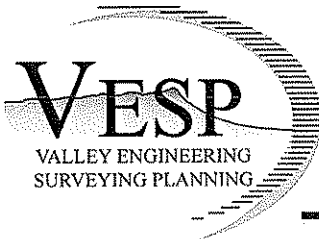
L&W is the landowner's sole provider for all aspects of real estate and property management; from boundary and topographic surveys to subdivision planning, county and city approvals, roads, water and sewer design, DEP and Corps of Engineers permits and construction contracting. Likewise, L&W specializes in small lots and subdivisions for family estates and estate plans.

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VanNostrand Overview

VANNOSTRAND ASSOCIATES, a design-build company in Hacker Valley, West Virginia, was formed by Bryson VanNostrand after he graduated from the College of Architecture at Virginia Polytechnic Institute and State University in 1994.

In 1997, VanNostrand accepted a position with Clark Design Group, architects in Elkton, Maryland. There he was involved with the design of many types and sizes of projects, including numerous renovation projects at the University of Delaware. During that time, he also collaborated on designs with Tashiro Associates, architects in Wilkesboro, North Carolina, most of which were public housing and health care projects.

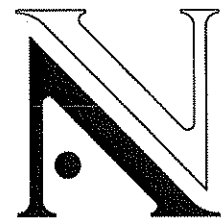
In 1999, VanNostrand reorganized his own firm and established an office for **VANNOSTRAND ARCHITECTS**, in his hometown of Buckhannon, West Virginia.

VANNOSTRAND ARCHITECTS, a professional limited liability company, is a full-service architectural and engineering firm that specializes in small-town architecture dealing primarily with community facilities and industrial projects. The firm utilizes Computer-Aided Drafting for producing construction documents with in-house plotting and reproduction capabilities. The firm has produced three-dimensional hand-built models for clients for such projects as the Sutton Public Library, Sutton WV, Baywood Clubhouse, Millsboro, DE, Serenity Care Home, Buckhannon, WV, and numerous other projects. The firm has full digital animation and 3-D rendering capabilities, and has produced computer-generated renderings and animations for such projects as the Buckhannon Public Safety Complex, Buckhannon, WV, First United Methodist Church in Elkins, WV, Stockert Youth Center Gymnasium in Buckhannon, WV, 100 West Main Professional Offices, among others.

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Project Management

The project design will be managed by schedule with weekly progress reviews of various design sub-products. Client inter-face, maintaining project schedule and integration of various architectural and design elements is the responsibility of the Project Manager (PM). The PM is the person who makes sure that the Client's requirements and concerns are appropriately addressed into the design. The PM must balance the three elements of any project; time, quality and cost and have the ability to do trade-off analysis in order to best satisfy the Client's expectations. The major elements of the Project Management Plan follow:

1. Building End-User interviews to review project requirements and functional inter-faces
2. Functional layout based on user inter-faces
3. Schematic design (15% design complete)
4. Technical design development; architectural, site, civil, mechanical and electrical
5. Draft design review with Client
6. Design Development (40% design complete) review with draft cost estimate
7. Storm water, etc., permit preparation and submission
8. Draft Construction documents and estimate review with Client (75% design complete). Constructability review.
9. Pre-final Construction documents and estimate review with Client (95% design complete)
10. Final construction documents (100% design complete)

The PM will coordinate reviews with the project engineers and architect in order to integrate Valley's Quality Assurance program which further emphasizes Client interaction, code compliance, timeliness and cost control.

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Quality Control

Valley Engineering, VanNostrand Architects, and L&W Enterprises strive to provide top quality assurance in every project we undertake. Our reputations are as such that we complete projects assigned in a timely manner, staying within budget unless additional requests are made by our Clients.

Our quality assurance procedures start with the owner of VESP, Daniel Michael, who will assure that each document is checked by three personnel continually throughout the design process. The first review will be by the project engineers who will ensure that the requirements of the Client have been met with regard to their expectations. The second review will address the adequacy of the design as it relates to applicable standards and codes. The third and final review will address the constructability of the design as offered. He will keep a close eye on the project timeline in order to guarantee all work is completed by the predetermined time schedule. He will also monitor the bi-weekly billing of the project keeping in mind the percentage of completed work versus the percentage of the total work billed to ensure the project is on schedule and within budget.

The design schedule with percentage of work completed is as follows:

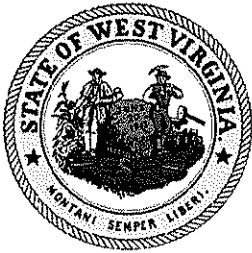
- Completion of Schematic Design (SD) 15%
- Completion of Design Development (DD) 40%
- Completion of Draft Construction Documents 75%
- Completion of Pre-Final Construction Documents 95%
- Completion of Construction Documents (CD) 100%

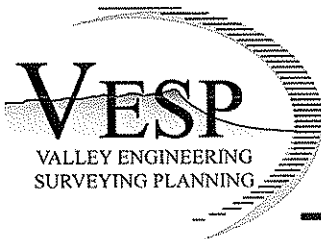
All work done on the project by the project engineer will be closely monitored by the project manager in order to create a quality product that meets or exceed the client's goals and expectations.

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Project Cost Control

The team as offered will work with the client throughout the design and construction process to assist the client in controlling all costs. Throughout the design process, we will work with local contractors or firms specializing in construction cost estimating to ensure the client that we remain within budget goals and that we are providing the most economical solution to the design at hand. We have extensive experience in this and take great pride in the fact that we have completed many successful projects on time and within budget ranging from minor additions to hospital projects exceeding \$150 million. This process will not be completed having the opinion that "we can wait until the end" to determine costs. It will begin early in the process and be diligently pursued throughout the entire design and construction process. At no point in this process will quality be jeopardized in the effort to reduce costs.

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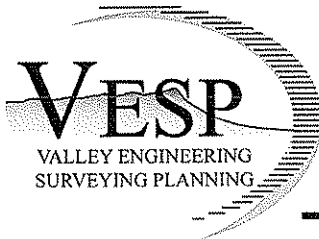
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Specifically, Project Cost Control will be completed by phase and include:

Design Process: The team will begin the process by meeting with the client to identify and clarify mission requirements. No time will be wasted pursuing requirements and beginning designs that are not in compliance with the requirements and expectations of the client. Once all design professionals have a complete understanding of the client's requirements, we will prepare a Scope of Work for the client's review and approval.

Once this Scope of Work is finalized, we will prepare Schematic Design documents, again for the client's review and approval. This Schematic Design phase will include: narrative design guidelines for the architectural, site, civil, mechanical, plumbing, communication, and electrical design, as well as a preliminary opinion of construction costs. These narratives will include: preliminary information related to site, mechanical, electrical, and communication systems, as well as design standards and time line estimates. During this phase of the project we will obtain an accurate base map of the site under consideration. We have seen too many instances where site unknowns, whether topographical or geotechnical, are found out later in the process and impact design, cost the client money, or delays construction due to re-design. These instances can be avoided by simply obtaining accurate information early in the process.



Project Cost Control Cont.

Upon completion of this Schematic Design phase, we will move into the Technical Design Development phase of the project where we will provide preliminary architectural, site, civil, mechanical, plumbing, communication and electrical design drawings/specifications with an updated opinion of construction costs and time line estimates. We will provide the client with multiple options that take construction costs, timing, and life cycle costs into consideration. At this point, while we have the client's end product as our goal, there will be many decisions to be made. Examples of this will include: do we use individual zoned mechanical systems or multiple HVAC units? The client will play a major role in this phase of the project as decisions made here will impact the design process moving forward.

Upon successful completion of the Schematic Design phase, we will move into the Design Development phase of the project. This phase will include the preparation of all construction documents and specifications to a point of 40% completion. We will also update our opinion of construction costs as well as the time line for the project. Again, we will present these documents to the client for review and approval.

Once the Design Development phase of the project is completed, we will enter into the preparation of the Construction Documents and complete them to a point of 75%. This will include more detailed drawings and specifications, as well as updated opinions of construction costs and time lines. As before, we will meet with the client to keep them informed on the design, its progress and make sure we get the client's opinion on design options. Upon client approval of this phase, we will move into the Pre-final Construction Document phase of the project.

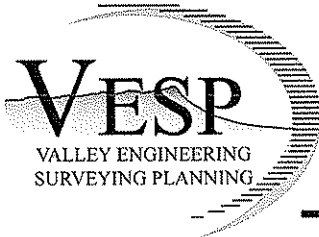
The Pre-Final Construction Documents will be documents and specifications completed to 95%. This is where we will complete the design, taking all information gathered through the previous phase into consideration. These documents will be provided to the client again for further review and approval. Once approval is given, we will complete the Construction Documents to 100%.

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Project Cost Control Cont.

We will also evaluating constructability throughout the design phase of this project. All design professionals on your project having review responsibilities have experience in the construction industry. We have a philosophy "that must know how to build it to design it." Constructability will be evaluated at every stage of this project.

Also, throughout this process, we will keep the client informed of design fees and where we as a team we see cost saving measures that can be passed directly to the client in the form of design fee reductions. We also take great pride in the fact that we have a history of passing these design fee reductions to the client to ensure a successful project that is beneficial to all involved parties. Our goal is the same as yours...complete a project on time and within budget as well as develop a long lasting relationship.

Construction Phase: We will work closely throughout this process with the client and initially we will develop a Scope of Work with you to determine exactly what you desire from us. Services can range from complete Project and Contract Management to serving you on an as-needed basis. We will work with the selected contractor in Value Engineering the design in an effort to provide you cost saving or time saving measures. Kirk Wilson, PE has extensive experience in this area and will be in charge of this phase of the project for the team offered.

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