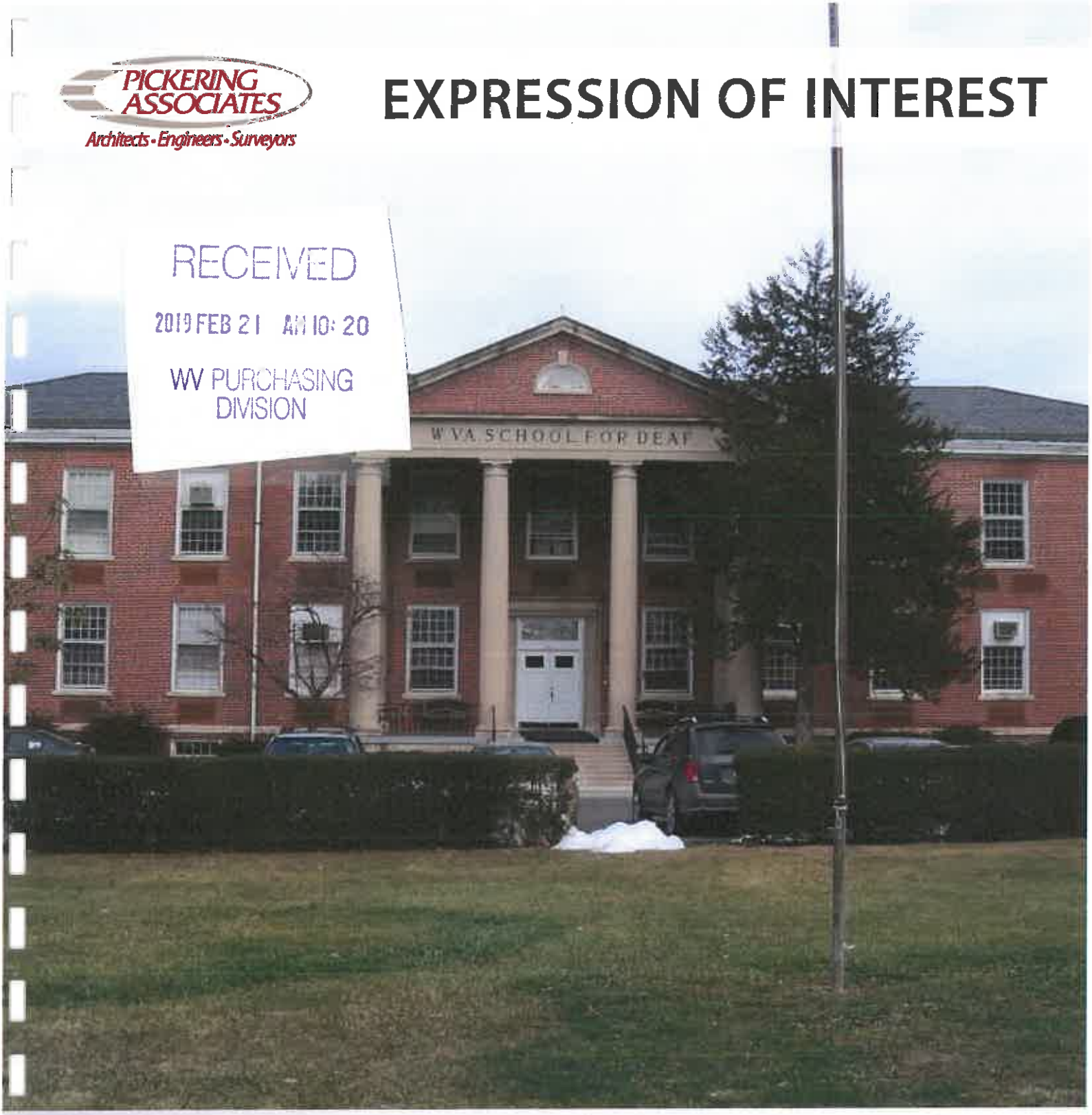
PICKERING ASSOCIATES
Architects · Engineers · Surveyors

EXPRESSION OF INTEREST



West Virginia Schools for the Deaf and the Blind

A&E EOI for Existing Projects at the WV Schools for the Deaf

CEOI 0403 DBS 1900000002

Romney, West Virginia

February 22nd, 2019

www.PickeringUSA.com

Ms. Stephanie Gale
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305

February 22nd, 2019

PICKERING ASSOCIATES
Architects · Engineers · Surveyors

Dear Review Committee,

Pickering Associates is pleased to have the opportunity to submit this proposal for providing design services for various renovations and replacement projects at the WV Schools for the Deaf and Blind Campus, as well as assist with the CEFP planning for the 2020-2030 period. We feel confident that our design team is uniquely qualified to provide design services for your project. We have worked with various school systems on many projects in the past, and feel we are qualified to provide the design services you need for this project.

Pam Wean, Project Manager, and other professional personnel, will be assigned to your project and have the expertise and flexibility to work with West Virginia Schools for the Deaf and Blind staff to meet program objectives and schedules, as outlined in this expression of interest. Our approach to each of your projects is as follows:

Roof replacement: We will carefully evaluate each roof area and specify the appropriate systems and unique details to replace them, all in a manner to minimize disruption of classes or creating a safety issue for students and staff. We have several staff members experienced in virtually all types of roof replacement including EPDM, Built-up Roofs, Clay Tile, Slate, Asphalt Shingles and others. For instance, over the past two years we have designed the replacement of 1.2 million square feet of EPDM roofs for Wood County Schools.

Entry repairs: We have found that many schools need updated secure entrances for visitors. We know the security standards established by the WVSBA and WVDOE and have designed creative methods of providing secure vestibules for several schools. We will evaluate your existing conditions and design a code-compliant secure entry for your facilities. If the repairs require updates to walls, floors and other surfaces, we will assess each area and suggest options to upgrade and repair.

CEFPs: Our experience from preparation of the 2010 CEFPs for seven county school systems will be beneficial in the organization of data for your CEFP. We attended the recent SBA training with the SBA, DOE, Dude and Alpha Solutions, are poised to begin the process immediately and committed to a year-long process to complete the report.
Structural assessment: Our structural engineers and architects will review the existing brick walls and settling foundations, and will use their expertise from other projects to design the proper methods to repair these issues. We have many similar projects under our belts and are familiar with the best way to produce bid documents for this type of work, so you receive competitive bids.

Electronic Door, Fire Door and Exterior Door upgrades: Our architects and electrical engineers will utilize our experience along with the expertise of our door hardware consultant in order to replace or add the proper access control system and components that are compatible with your current system.

ADA upgrades: All facilities that we design incorporate the parameters set forth in the ADA and we often incorporate unique designs to achieve compliance. Due to the nature of your facility, we will not only utilize the ADA to eliminate physical barriers but also look forward to working directly with you for hands-on discussions about the best way to provide accessible facilities for your staff and students.

Enclosed you will find our proposal outlining our technical expertise, management, staff capabilities and experience for providing high quality architectural and engineering services. We look forward to personally discussing our qualifications to complete this project on time, within budget and exceeding the standards of any firm you may have worked with previously. Should you have any questions regarding this proposal, please do not hesitate to contact us.

Respectfully submitted,

Pamela J Wean

Pamela Wean, AIA
Project Manager, Architect

pwean@pickeringusa.com | 304.464.5305

Contents

Your Project

Your Project - Plan & Goals

We will fully understand your project scope and align our project plan with your intended goals. You will find on the following pages that the professionals at Pickering Associates possess the expertise to accomplish all the projects you have planned and will not require hiring additional consulting from other firms. A sample of our projects that are relevant to your group of projects are mentioned below along with our understanding of your scope of work. These projects are described in further detail within this expression of interest.

1. Review existing conditions as well as daily operations and determine a plan with the Owner that can allow them to perform the necessary renovations with minimal disruption to the facility's daily operations. We have worked with many school systems and understand the importance of safety and control of construction when children are present. We will strive to schedule construction operations on all projects so that disturbance is kept to a minimum and all occupants are protected.
2. Roof replacement: Members of our staff have designed the replacement of virtually all types of roofs including EPDM, Built-up Roofs, Clay Tile, Slate, Asphalt Shingles and others, on projects such as Marietta, OH City Hall, Wood County Schools and Washington County Public Library.
3. Building Entry Repairs: Projects including Edison Middle School, Simpson Elementary School and Parkersburg/Wood County Public Library incorporated new or renovated entryways in order to provide secure passages for students and visitors while also achieving compliance with ADA. Our knowledge of WVSBA and WVDOE requirements for secure entrances to schools provides an advantage when designing this type of entrance. In addition, our years of experience with repairing buildings in general have afforded many clients with the best solution that fit within their budgets.
4. 2020-2030 CEFPs: While employed by another firm ten years ago, two members of our staff participated in the development of CEFPs for seven separate West Virginia counties. Experience was acquired on various portions of the CEFPs depending on need of each county. This understanding, combined with the proficiency of Pickering's full-service team of professionals and your experienced and knowledgeable educators, will result in a thorough and accurate evaluation of your school and curriculum.
5. Provide an evaluation and design repairs to the deteriorating brick and settling foundation: Architects and Structural Engineers have evaluated and designed masonry repairs and settling foundations for several facilities such as Fairmont Senior High School, East Fairmont Middle School Gym, Wood County Board of Education and Williamstown Elementary School.
6. ADA and other Building Code Upgrades: All facilities, whether new or renovated, are designed to meet current Life Safety, Building and ADA regulations. We are very familiar with these codes and apply them to our designs on a daily basis. Projects that included ADA upgrades include Marietta College, WVU at Parkersburg, and Marietta City Hall.
7. Provide designs for campus-wide door access safety upgrades and additions, as well as fire and exterior door replacements: Typically, renovation projects involve the upgrade of access control doors and hardware, as well as other doors. Fairmont Senior High School Renovations involved upgrades to virtually all components of two buildings on campus including doors and access control. Our architects and electrical engineers will design these systems to match and be compatible with your existing systems.

We will approach each portion of the project as we have on past projects by carefully evaluating each component, determine the strategy for upgrading and replacing, designing the replacement that works best for your school and budget, and specifying/detailing each component for competitive bidding purposes. We also will provide full construction administration so that the work is completed per design documents.

With such a variety of renovation types, a full-service firm is essential for completion of consistent and successful projects that are on-time and within budget. Pickering Associates will provide you with all the professional services required for the upgrades at your school.

Proposed Schedule and Project Time line

Assuming a project award date in March 2019 and a notice to proceed in the same month, Pickering has resources available and can begin the project as soon as you are prepared for us to start.

We will coordinate and attend the initial project kick-off meeting with the Client and all project stakeholders and initiate the work of our surveying crew to assess the current site. In the initial meeting we will discuss items such as project goals, programming, and future needs that should be considered. Once programming is complete, we will begin the schematic design phase of the project in order to determine best layout for the renovations and replacements needed for the various buildings at the WV Schools for the Deaf and Blind, as well as help to develop the 2020-2030 CEFP for the school's campus. During this time we will work closely with your team for input and ensure that all goals and requirements for the project are being met. At the end of this phase, we will provide you with a schematic deliverable and preliminary estimate of probable construction costs that can be reviewed. With the approval of schematic design, we will move into the design development phase of the project where additional information will be considered and systems design will be further developed. Again, after you review and approve this phase of design, we will begin the construction documents by adding further detail and prepare the drawings and specifications for bidding.

We will lead the bidding process, answer contractor questions, and provide bidding addendum as needed. Once bids are received, we will assist in the evaluation and make recommendations for your consideration. We understand that the facility will be occupied during renovations and will work closely with the school to ensure minimal disruption during the construction process. We will also provide the needed construction administration oversight and management during the entire construction process and provide the required project close-out procedures.

Our Company

Charleston
318 Lee Street W.
Charleston, WV 25302
(P) 304.345.1811
(F) 304.345.1813

Parkersburg
11283 Emerson Ave
Parkersburg, WV 26104
(P) 304.464.5305
(F) 304.464.4428

Fairmont
320 Adams Street
Suite 102,
Fairmont, WV 26554
(P) 304.464.5305
(F) 304.464.4428

Marietta
326 3rd Street
Marietta, OH 45750
(P) 740.374.2396
(F) 740.374.5153

Athens
2099 East State Street, Suite B
Athens, OH 45701
(P) 740.593.3327
(F) 800.689.3755

www.PickeringUSA.com

Established in 1988, Pickering Associates is a well-aligned team of professional architects, engineers and surveyors with a diverse depth and breadth of knowledge. Our company is the product of three generations and more than 75 years of construction experience. This experience plus state-of-the-art engineering practices create a full-service, multi-discipline, architectural, engineering and surveying firm serving a wide range of needs and featuring innovative, customized solutions.

Listed as one of 2018's Top Engineering Firm in West Virginia. Our architectural, engineering and surveying firm consists of an exceptional balance of experience and the desire to provide our customers with a quality product at a fair price. Our highly qualified staff includes licensed professional engineers, professional surveyors, licensed architects, designers, and drafters as well as support personnel. The disciplines we cover include architecture, surveying, project management, civil engineering, structural engineering, mechanical engineering, electrical engineering, process engineering, automation and control, and construction administration. Pickering Associates specializes in the above listed disciplines with education, government, healthcare, industrial, oil & gas and private sector clients.

Successfully executing more than 10,000 projects in its history, the firm has built a tremendous wealth of experience gaining insight into what works for each of our client types. Those lessons learned add substance to our work and provide our clients with unparalleled value. Our objective is to partner with our clients improving their performance, flexibility, life-cycle cost, sustainability and ultimately well-being.

Our broad client base is representative of the area and includes education, healthcare, retail, utilities, municipal, chemicals and plastics, metals, and power generation among others. The types of projects we provide range from conceptualization and construction estimates to full turn-key design including construction management. Every project is unique and our approach to the solution is determined accordingly. Whether the project is a small electrical or mechanical modification, a larger multi-discipline new building or retrofit, or a green field installation, it receives all the attention and care required to make the project a success.

In choosing Pickering Associates, your project will be performed to your specifications with frequent meetings and status reports to keep you up-to-date on the status of the project. Our sole focus is your full satisfaction with the completed quality installation.

PICKERING ASSOCIATES
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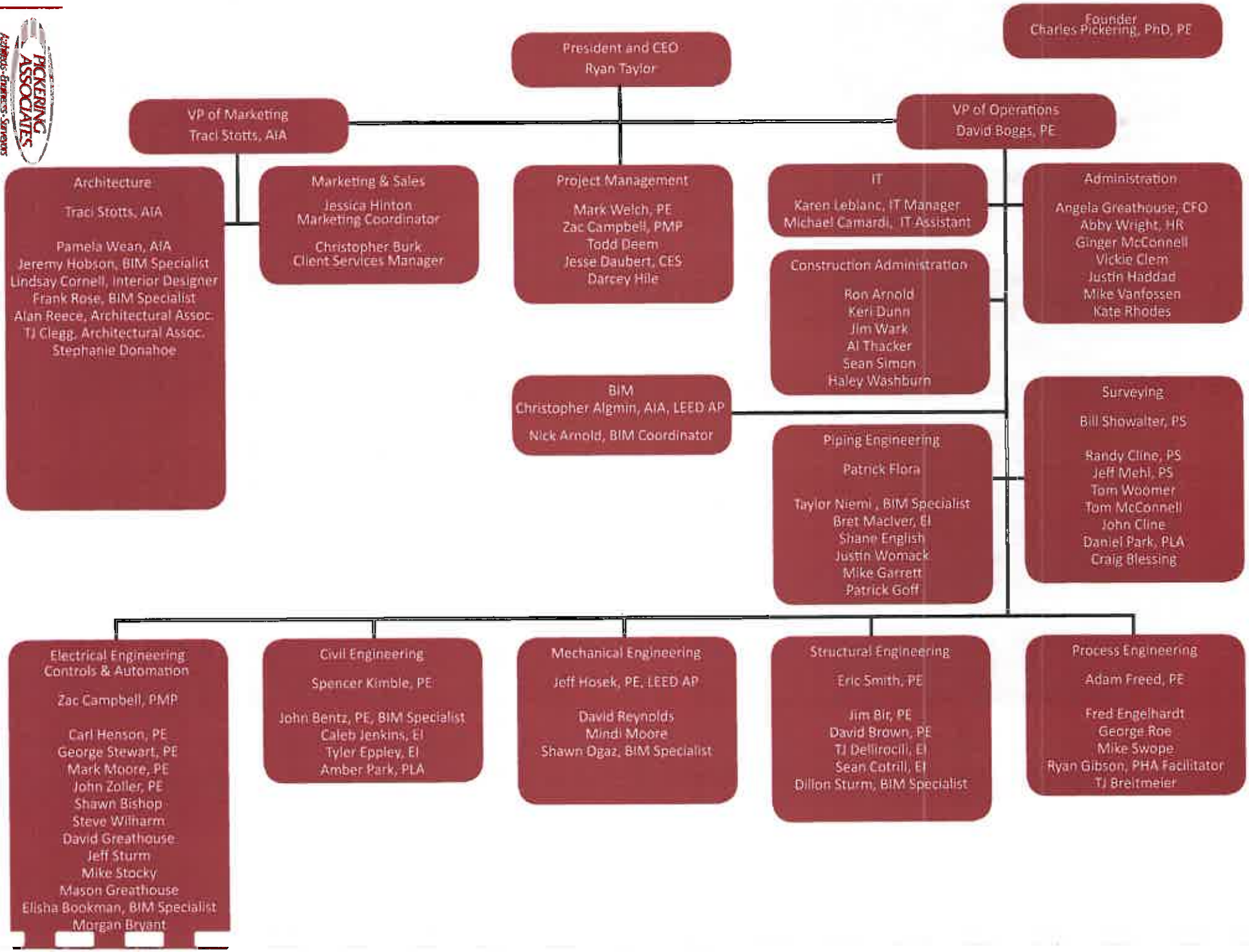
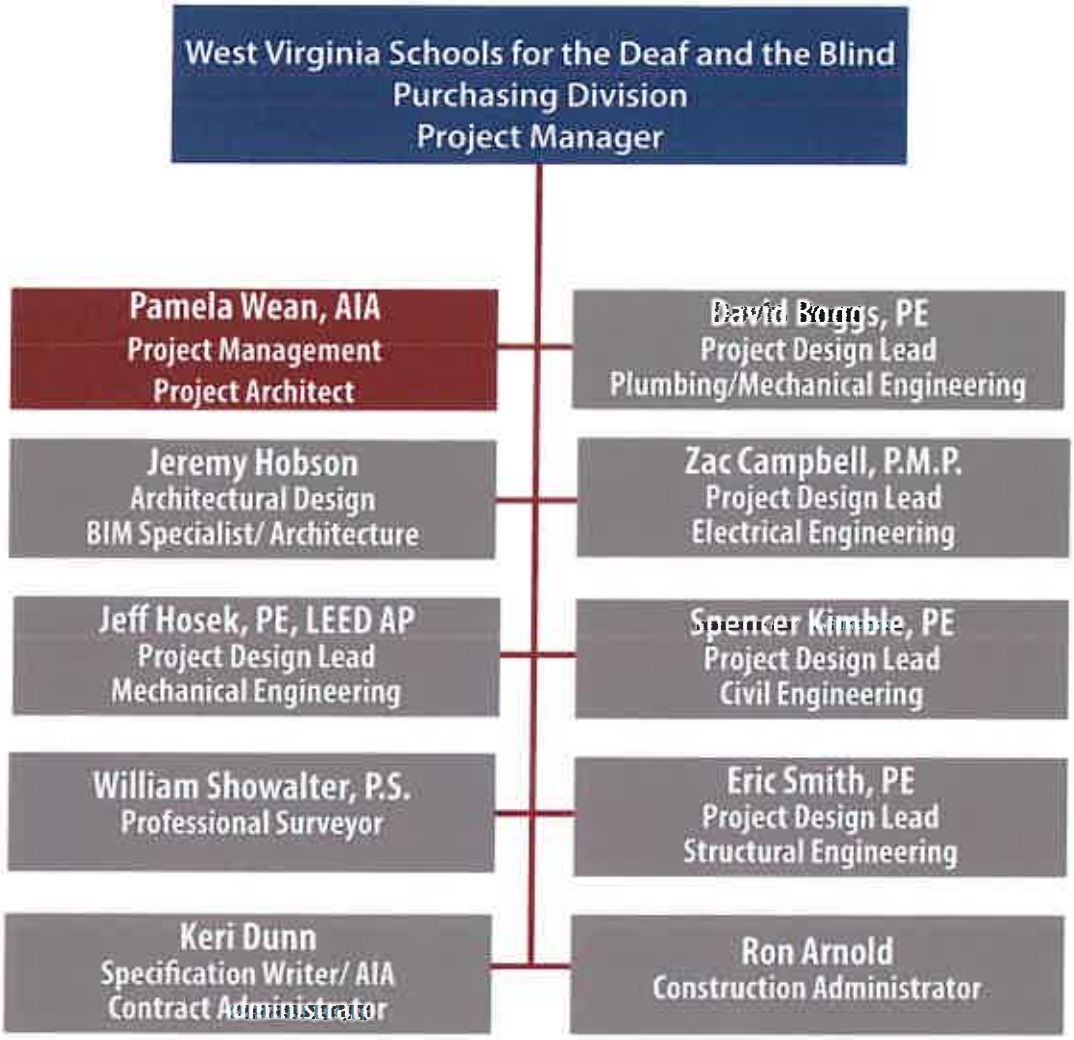



West Virginia Schools for the Deaf and the Blind
Purchasing Division
Project Manager
Pamela Wean, AIA
Project Management
Project Architect
David Boggs, PE
Project Design Lead
Plumbing/Mechanical Engineering
Jeremy Hobson
Architectural Design
BIM Specialist/ Architecture
Zac Campbell, P.M.P.
Project Design Lead
Electrical Engineering
Jeff Hosek, PE, LEED AP
Project Design Lead
Mechanical Engineering
Spencer Kimble, PE
Project Design Lead
Civil Engineering
William Showalter, P.S.
Professional Surveyor
Eric Smith, PE
Project Design Lead
Structural Engineering
Keri Dunn
Specification Writer/ AIA
Contract Administrator
Ron Arnold
Construction Administrator

Technical Expertise

Always be a first-rate version of yourself instead of a second-rate version of somebody else.

Judy Garland

Pamela Wean, AIA

Position/Title

Senior Project Architect
Project Manager

Duties

Architecture
Project Management

Education

Fairmont State College
B.S., Architectural Technology
Fairmont State College
Assoc. of Applied Science - Interior Design

Licenses

Professional Architect WV and OH

Project Architect for the design and construction of the new Franklin Elementary School in Franklin, WV. Scope included design of the first new elementary school funded by the WV School Building Authority under the Design-Build method of construction. The 46,000 SF building was designed and constructed of Cross Laminated Timber (CLT), which consists of structural wood planks that comprise the load bearing walls, floors and roof.

Project Architect for the design and construction of the new East Fairmont Middle School in Fairmont, WV. This 93,000 SF facility was designed to replace the original 1920's era building, and features the school colors of blue and gold throughout the facility. Following the opening of the new school, the existing building was demolished to make way for the new practice football field.

Project Architect for the design and construction of renovations at the Fairmont Senior High School in Fairmont, WV. Over 100,000 square feet of area was totally renovated on the school campus, featuring the main building which is listed on the National Register of Historic Places, as well as an accessory classroom building, gym and cafeteria. Exterior and interior of virtually all areas were upgraded both aesthetically and in order to meet current fire and safety codes.

Project Architect for the design and construction of the Marion County Board of Education Office in Fairmont, WV. Formerly the Marion County National Guard Armory, this facility was totally upgraded and renovated to house the Board of Education Offices. The new building contains over 30 new offices, a state of the art conference room, and new utilities throughout.

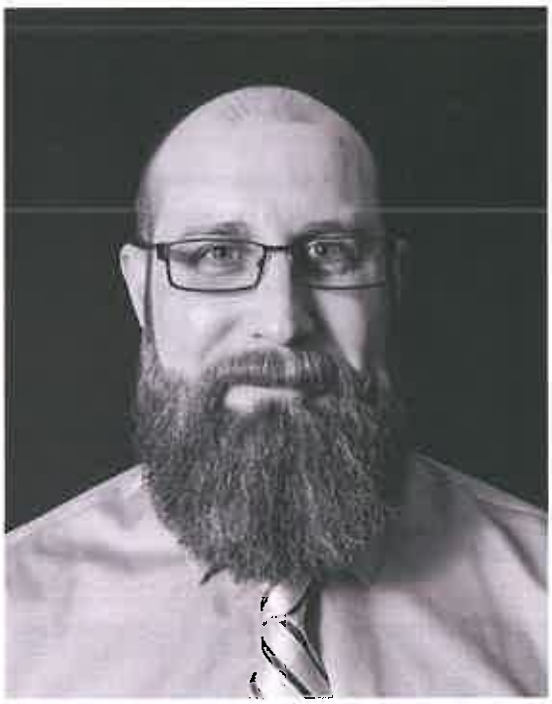
Project Architect for the design and construction of renovations and an addition at Jayenne Elementary School in Fairmont, WV. A three-story classroom addition was constructed which included an elevator to provide accessibility to the school. The existing building was also completely upgraded inside and outside to enhance the appearance and meet current fire and security guidelines.

Project Architect for the design and construction for renovations to Harman School in Harman, WV. An existing plaster ceiling collapsed in one classroom during the summer months, rendering the existing school unusable due to safety reasons. While students were bussed to other schools, work was phased and repairs were made to all plaster ceilings throughout the school as funding allowed. Over a period of about two and a half years, sections of the school opened up one at a time so that eventually all students could return to school.

Project Architect for the design and construction for renovations to the United Technical Center Welding Shop in Clarksburg, WV. Existing shops were gutted and renovated to create a new welding shop including multiple booths as well as open space for large projects. Office space was also created.

Project Architect for the design and construction for an addition and renovations at Simpson Elementary School in Bridgeport, WV. A two-story 10-classroom addition was constructed adjacent to the existing school, as well as a new secure entrance which also housed the main office and admin area. Renovations to the existing school also took place including new sprinklers and fire alarm, as well as cosmetic enhancements to the exterior of the building. The playground was also upgraded.

Project Architect for the design and construction for renovations at Belmont Elementary School in Belmont, WV. Virtually the entire interior of this school was upgraded with HVAC and lighting replacement, sprinklers, toilet room renovations and cosmetic improvements. The exterior brick walls were also repaired and cleaned, and site improvements such as parking and drainage upgrades were also performed.



Every product of architecture should be a fruit of our endeavor to build an earthly paradise for people.

Alvar Alto

Jeremy Hobson

Position/Title

Architectural Designer
3D Designer

Duties

3D and BIM Modeling
Desiging and Drafting

Education

Marion County Vocational Center
Drafting

Drafter and 3D Designer for the new Keyser Primary School in Keyser, WV. Lead designer and drafter for this 61,000 SF school which was constructed using the SBA multi-prime contract method. The design includes spacious rooms with high windows allowing plenty of natural light within spaces. Additional budget surplus allowed an extension of the gym and all new security features

Drafter and 3D Designer for the new St.Marys High School and Athletic Complex in St. Marys, WV. Lead designer and drafter of this 98,000 square foot high school which was constructed using the SBA multi-prime contract method. Project also included a full service athletic facility including football field, stadium seating, track, baseball diamonds, tennis courts, locker rooms and concession stands.

Drafter and 3D Designer for renovations and an addition at Kasson Elementary/Middle School in Moatsville, WV. The interior of this school was damaged structurally due to expansion of pyritic soil beneath the floor slabs. Floors and walls were cracked and heaving and ceilings were moving as well. The damaged rooms, which included several corridors and classrooms, were barricaded from non-damaged spaces while contractors supported the roof structure and removed all ceilings, walls and floors, and up to four feet of soil below. All areas were replaced with new compacted gravel as well as new slabs, walls, ceilings, lights and new finishes. A new Administrative Office and Secure Entrance were also created.

Drafter and Designer for the 10-year Comprehensive Education Facility Plans for seven West Virginia County school systems. Scope of work included site visits to all schools in each county to evaluate the conditions of the building structure, envelope, utilities, fire and security features. All information was assembled, along with floor plans and photos, and bound in manuals for each county system to retain and use when planning projects to take place in 2010-2020. Counties included Barbour, Harrison, Lewis, Marion, Mineral, Pleasants and Randolph.

Drafter and 3D Designer for countywide School Improvement Bond projects for Marion, Mineral and Pleasants County Schools. Provided plans and 3D designs for school systems seeking local bond funding. Projects included new schools, as well as additions, renovations and upgrades to existing schools.

Drafter and 3D Designer for Mannington Middle School Master Planning project in Mannington, WV. Lead designer and drafter for the preliminary master planning and designs which were provided to the owner in order to analyze various options for renovating the existing school in order to meet current safety, security and fire codes while still maintaining the historic features of the school.

Drafter and 3D Designer for Donel Kinnard Memorial State Veterans Cemetery project in Institute, WV. Designer and lead drafter for the project which included master planning, site design and architectural design of multiple structures such as an Adminstration/Public Information Center, Committal Service Shelter and Maintenance Building. Site amenities included walking paths, burial grounds and memorials.

Drafter and Designer for the Historic Waldomore renovations in Clarksburg, WV. Designer and lead drafter for the renovation of this historic structure which is used by the Clarksburg/Harrison County Public Library for genealogy and archives as well as for public gatherings. Projects included structural improvements, interior cosmetic upgrades, lighting and electrical upgrades, and designs for stair, elevator and toilet room replacement.

The measure of true success is the impact you have on others.

Zac A. Campbell, P.M.P

Position/Title

Electrical and Control System Engineering Department Manager

Duties

Project Management
Electrical Engineering

Education

Fairmont State University
B.S., Electrical Engineering and Technology
Marshall University,
M.S., Engineering Management

Licenses

Project Management Professional,
Project Management Institute

Provided Electrical design for the renovation of an existing HVAC system at a middle school in Elizabeth, WV. Design services included disconnecting and removing existing electrical feeders, adjusting the building's existing electrical distribution, and installing new electrical components and feeders for the new mechanical equipment.

Provided Electrical design at 28 schools in Wood County, WV to connect one remote buzz-in and camera surveillance entrances, electronic proximity readers, and new entrances and/or retrofitted electrically wired doors in conjunction with proximity readers.

Provided Electrical design to connect electrical distribution and feeders to three new high-efficiency boilers, two pumps, and a hydronic system. Electrical scope of work included new circuit breakers, pump motor starters, safety disconnect switches, fuses, conduit and control wiring. In addition, replaced the existing lighting fixtures in the mechanical room and teacher's lounge, and provided design to connect a new supply fan.

Provided design and engineering for new exhaust and ventilation equipment for 14 welding stations at a technical school in Parkersburg, WV.

Lead Electrical Engineer for a the design and construction administration of a new 1200A, 480V electrical service and electrical distribution system in an existing building for West Virginia University at Parkersburg's new Downtown Center. The project includes a new main panel and subpanels throughout the building for future building loads.

Lead Electrical Engineer for a new elevator installation in an existing building in for West Virginia University at Parkersburg's new Downtown Center. The project includes new electrical feeds to the elevator equipment disconnect, control panel and other associated equipment as well as a new fire alarm and detection equipment associated with the elevator hoist way and machine room.

Provided Electrical Design for the renovation of and HVAC system in a campus building in Athens, Ohio. Project included replacement of air handling unit motors and specifying wiring of new Variable Frequency Drives.

Lead Electrical Engineer for the HVAC replacement at Parkersburg South High School. Pickering Associates' electrical engineering team documented the site conditions and reviewed drawings to determine the auditorium's electrical load. Our team provided the demolition plans to remove the existing electrical equipment associated with the HVAC equipment. Our engineers provided the design and engineering to adjust the electrical distribution to meet the requirements of the installation of the new rooftop unit.

Lead Electrical Engineer for the replacement of the chiller at Martin Elementary. The chiller was nearing its life expectancy and was scheduled for replacement. At the time the gymnasium had no cooling capability. Pickering collaborated with the school maintenance staff while researching a cost effective method for adding cooling to the gymnasium. This joint effort led to the selection and installation of a high efficiency chiller – replacing the existing air cool chiller with a more efficient unit and revised three hot water/cool water fan cool units. This replacement included system pumps, controls and electrical modifications.

Lead Electrical Engineer for the addition and expansion at Edison Middle School. Minor renovations and additions at the main building entrance of the school create a reception area large enough for visitors and Principal's office. This addition, along with minor interior renovations, allows for reconfiguration of the entrance area that includes a safer controlled access into the building, monitoring of activities, and privacy for staff and students.

Lead Project Manager for a New Elementary School in Williamstown, West Virginia. Pickering Associates was hired by Wood County Schools to help select a site location for the construction of a new elementary school. Once site was chosen Pickering was hired again by Wood County Schools to design the Engineering pieces of the school, including the mechanical, electrical, and plumbing services. The design was completed in the summer of 2018 and the construction began in the fall of 2018 and is set to be completed in early 2020.

Jeffrey D. Hosek, P.E.

Sometimes the questions are complicated and the answers are simple.

Dr. Seuss

Position/Title

Mechanical Engineer
LEED Project Engineer
Mechanical Engineering Department Manager

Duties

Mechanical Engineer

Education

University of Akron
B.S., Mechanical Engineering

Licenses

Professional Engineer WV, OH, KY, PA, LA, VA, MN

Mechanical Engineer of record for the design of a new $25M high-rise dormitory at Glenville State College, in Glenville, WV. Project included water source heat pumps with local thermostats. An automated and integrated control system was interfaced into the existing system for central control.

Lead Mechanical Engineer and Project Manager for the renovation of an existing HVAC system at a primary and middle school in Elizabeth, WV. Assisted school in assessment of existing HVAC, determining scope of work, creating a probable construction budget and preparing a report to request funding. Also, provided mechanical engineering for the design including replacement of multiple HVAC units, towers, pumps, and boilers, as well as, new building automation controls for the middle and primary schools.

Project Manager for intense study to assess redundant cooling to Ohio University's Computer Center in Athens, OH, which houses their main servers. Proposed several options, potential impacts to the installation time, and provided cost estimates for each option.

Project Manager and Mechanical Engineer for the revision of exhaust duct system around multiple welding stations, replacing exhaust fans and balancing make-up air in the Welding Shop of Wood County Technical Center.

Mechanical Engineer of record for the conversion of a multi-unit HVAC system into a more efficient single unit system at the Caperton Center on the campus of West Virginia University in Parkersburg, in Parkersburg, WV. Added additional zones to allow for additional user control of set points.

Project Manager and Lead Mechanical Engineer for the demolition of existing equipment and installation of new sterilization equipment for Ohio University 'The Ridges' Konneker Research Lab. Hosek prepared demolition drawings of water, steam and waste piping, as well as the exhaust hood. Additionally, he prepared the construction plans for new exhaust hood and new tie-in locations for water, steam and waste piping.

Project Manager and Mechanical Engineer for a new Career Center in Groveport, Ohio. Design included a body shop, paint spray booth, vehicle exhaust systems and radiant tube heating.

Lead Mechanical Engineer for the renovation of an existing office building for National College. The 20,000 square foot renovation included a new layout if classrooms and office areas to meet the needs of the college. Hosek provided the design and engineering for VAV HVAC system utilizing gas fired electric cooling rooftop units. He also provided the design and engineering for building exhaust on bathrooms and janitor rooms and building entries to use an auxiliary wall or floor mounted electric heater.

Project Manager for the design of a Mass Notification System at Ohio University in Athens, Ohio. Project included multiple speaker arrays placed campus-wide to act as an alarm and provided instructions to the students and faculty in case of emergency.

Mechanical engineer for a new FBI field office in Cleveland, Ohio. Energy efficient equipment and significant sound attenuation materials were used in this four-story building.

Project Manager and Mechanical Engineer for Olentangy School District in Columbus, Ohio for three new elementary schools, one new middle school and one new high school. Design included hot water heating system with DX indoor air handlers.

Project Manager and Mechanical Engineer for Ironton City Schools in Ironton, Ohio for a new elementary school and a new middle school. Design included hot water heating system with DX indoor air handlers.

Project Manager and Mechanical Engineer for renovations to Wood County Schools in West Virginia. Project scope included renovations and updates to the storm water drainage system. The entire site was re-graded to ensure drainage was a success and the water ran into the new catch basin where a new pump was installed.

Project Manager and Mechanical Engineer for renovations performed at Ohio University's Gliddan Hall in Athens, OH. Project scope included design and replace existing equipment serving the recital hall, construction administration services, and perform a building evaluation to assess temperature and humidity fluctuations. Was responsible for coordinating with Edward Tucker Architects in Huntington WV who assisted in the evaluation of the building's envelope. Other task included replacing the steam heat and added remote hot water duct heater for dehumidification, as well as oversee and manage construction contracts, ACM abatement, and overall installation of construction to ensure it was in line with the design plans.

Determine that the thing can and shall be done, and then we shall find the way.

Abraham Lincoln

David A. Boggs, P.E.

Position/Title

Senior Mechanical Engineer, Plumbing Engineer
Vice President of Operations

Duties

Mechanical and Plumbing Engineer

Education

Virginia Tech,
B.S., Mechanical Engineering
Marshall University,
M.S., Engineering Management

Licenses

Professional Engineer WV, OH

Lead Plumbing Engineer and Mechanical Engineer for Emergency Department Consolidation and Patient Room Expansion project. Plumbing and mechanical scope included review existing conditions for medical gas tie-ins to existing systems in South Tower, reviewing and evaluating water source requirements for proposed addition with CCMC Engineering Department, reviewing existing drawings and work to determining underground sanitary tie-in location, providing design and engineering for the medical gas distribution systems for the expansion, etc.

Mechanical/Plumbing Engineer of record for new $7MM medical office facility in Parkersburg, West Virginia. Building was designed for multiple HVAC zones to reflect tenant separation requirements of the building owner. Tenant design was based on Pharmacy, prosthetic laboratory, medical offices and a restaurant. Common restrooms, private bathrooms, and exam room sinks comprised the plumbing system design requirements.

Mechanical Engineer of record for a $1MM medical/dental office facility in Parkersburg, West Virginia. Design included packaged HVAC systems with multiple zones and facility exhaust systems. Plumbing design included dental vacuum and air systems as well as domestic water distribution systems for building tenants, including tenant restroom requirements to meet code requirements.

Plumbing Engineer of record for a new 5,400 SF medical office building located in Belpre, Ohio. Design included domestic water distribution system for exam room sinks and facility restrooms as well as sanitary and storm water drain, waste vent system design all in within the state plumbing code requirements.

Plumbing Engineer of record for the renovation of first floor patient rooms and dialysis center for a hospital facility in Parkersburg, WV. Project design included 18 private patient room bathrooms four with ante room lavatories and ADA accessibility, all equipped with a shower fixture. Design also included the relocation of the hospital's dialysis unit and plumbing systems, a 4 bed unit. Plumbing design for the 18 patient rooms included a new medical gas distribution system specification for the med-gas outlet headwalls.

Lead Plumbing Engineer for OB and pediatric department renovations. Project included new triage, waiting, private rooms with new enlarged toilet rooms including showers, and rework of existing tub rooms to relocate an existing pediatric tub and add a new shower.

Lead Plumbing Engineer for Fifth Floor Medical/Surgical Nursing Unit Renovations. Project included replacing/relocating fixtures for ADA compliance.

Lead Plumbing Engineer for Third Floor Medical/Surgical Nursing Unit Renovations. Project included replacing/relocating fixtures for ADA compliance in the twenty-seven patient rooms, staff rooms and various shower/tub rooms. Also replaced an existing shower room tub with a shower and designed a new shower room.

Lead Plumbing Engineer for a new Healthcare suite on the fourth floor of the main hospital. The project included 8 private patient toilet rooms, one semi-private room with ADA accessible toilet rooms, two new shower rooms, and one bath room with tub. Project also required the addition of medical gas and relocation of existing sprinkler heads.

Lead Mechanical and Plumbing Engineer for a new 37.5 bed Behavioral Health Unit which was designed to be located in existing space on the third floor of the Main Hospital. Spaces included eighteen semi-private and one private patient room, two group therapy rooms, dining area, laundry room, shower rooms, nurses station, physicians offices, consultation area, activity area, family visitation area, support area and staff locker room.

Spencer Kimble, P.E.

Position/Title

Civil Engineering Department Manager

A ship in port is safe, but that is not what ships are for. Sail out to sea and do new things.

Rear Admiral Grace Hopper

Duties

Civil Engineer
Project Manager

Education

West Virginia University
B.S., Civil Engineering
Marshall University
M.S. Engineering Management

Licenses

Professional Engineer WV, OH

Civil Engineer for addition and renovation for the Emerson Public Library in Parkersburg, WV. Project scope included site layout, grading, sediment and erosion, details, ADA compliance, pavement design, and storm water detention design, and worked with the client to create a site layout that maximized the use of the property.

Civil Engineer for addition and renovation for Mid Ohio Valley Technology Institute in Saint Marys, WV. Project scope included proper grading and drainage around a school building addition. The project included adding a driveway option and improving existing drainage to flow away from the existing building and addition by providing swales around the structure.

Civil Engineer for approximately 3,925 linear foot waterline and meter replacement in Devola, OH. Project included close coordination with Putnam Community Water personnel to replace approximately 3,925 linear feet of existing infastructure with 6" line, and design tie-in connections to existing water mains to remain in place. Design duties include an on-site meeting, proposed waterline alignment and profiles, on-drawling specifications, and construction-related details.

Project Manager and Civil Engineer for over 40 horizontal drilling locations throughout WV and Ohio. Typical projects included a new access road, drill pad, production pad, above or in-ground water storage location, and sediment/erosion control measures. Work also includes coordinating with local highway departments and utility providers to obtain permission for proposed work.

Civil Engineer for a new subdivision in Marietta, OH. Work included design of new City streets, storm water drainage, public utilities, lot separations, and sediment/erosion control measures. Work also included coordinating with City officials and utility providers about the upcoming project to obtain approvals.

Civil Engineer for a new retail business in Utica, OH. Project was located within the 100 yr. flood elevation and design had to incorporate compensatory storage in conjunction with elevating the floor slab to 2 feet above the base flood elevation. Work also included grading, storm water, utility design, and coordinating with authorities.

Civil Engineer for a new restaurant in Vienna, WV. Project was located within City limits and had to incorporate very strict storm water management practices. Design of an underground storm water retention system to capture the first 1" of rainfall. Design also included grading, site layout, utility design, and coordinating with authorities.

Lead Civil Engineer for the design of $1.8M physical therapy administrative building on Parkersburg, West Virginia. The project was developed to consolidate all administrative services for a busy multiple office physical therapy practice. As a part of the project a large portion of square footage was dedicated to a Cross-Fit training center.

Civil Engineer for Phase 1 and 2 of the Larry Lang First Colony Development.

Lead Civil Engineer for the design of two medical office buildings totaling approximately 30,000 SF near the traffic circle in Parkersburg, WV.

Civil Engineer for two new $8M full service maintenance facilities for state DOT operations. Project scope included a main office, truck storage, mechanics/welding bays, wash bay, salt storage building, cold storage building, and AST fuel island. Design included demo of existing facility, site grading, site layout, truck turning analysis, multiple construction phases, and stormwater permitting.

Lead Civil Engineer for construction of a new 4 story hotel in Parkersburg, WV. The project was located on a challenging site with a large grade change from the main roadway and soft soils. Design included site grading, earthwork, site layout, water retention/detention design, truck turning analysis, utility design, etc. The project also involved design of a new turn lane on the main WV state roadway which had to be designed and constructed according to WVDOH standards and specifications.

Eric Smith, P.E.

Position/Title

Structural Engineering Department Manager
Civil/Structural Engineer

Duties

Civil/Structural Engineer

Education

West Virginia University
B.S.C.E., Civil Engineering

Licenses

Professional Engineer WV, OH

Perfection is not attainable, but if we chase perfection we can catch excellence.

Vince Lombardi

Civil Engineer on Eureka Hunter Pipeline, L.L.C. Low Water Crossing. Duties included designing substructure (consisting of a concrete capped pile abutment with vertical and battered piles). Coordinated with the super-structure design engineer for bridge reactions and necessary abutment details to incorporate the superstructure bearing. Also, assisted with the construction drawing package.

Civil Engineer on several projects for the City of Marietta including the Gilman Avenue Slip, Rathbone Area Drainage Study and Storm sewer assessment, Lancaster Street improvements, Sixth Street Area Mitigation flood control, and Water Treatment Plant slip repair.

Generated detailed engineering drawings, quantities, and material estimates for bridge replacements for the following counties in Ohio: Meigs County (County Roads 1, 8, 10, 14, 22, 35, 43, 52, and 82), Morgan County (County Roads 16, 53, 62, and 66 and Township Roads 48 and 106), and Washington County (County Road 354, several Township Roads, and Veto Lake)

Reviewed drawing designed for The Point Commercial Park for Lawrence Economic Development Corporation. Responsible for foundation and column design. Modeled the structure using STAAD and performed wind load, connection, and foundation calculations.

Reviewed structural drawings for a new addition of the Holzer Clinic and evaluated adequacy of the structural members and connections.

Collected field data, created a roof model, calculated loads and generated drawings and recommendations for roof repairs at First Congregational Church.

Professional experience also includes providing accurate field notes and sketches, development of drawing layouts, details, and section drawings; providing calculations, and writing investigation and observation reports.

Extensive technical experience with civil, structural, and geospatial software packages including STAAD Pro, Presto, Enercalc, AutoCAD, AutoDesk Land Desktop, AutoDesk Civil 3D, and Topo USA.

Senior Project Manager and Structural Engineer of Record for Catwalk at Ohio University. Project included the reconstruction of a deteriorated portion of the elevated concrete walk in front of Crawford Hall. Involved inspection, design and construction administration.

Senior Project Manager and Structural Engineer of Record for Catwalk at Ohio University. Project included the reconstruction of a deteriorated portion of the elevated concrete walk in front of Brown Hall. Involved inspection, design and construction administration.

William B. Showalter, P.S.

Position/Title

Professional Surveyor,
Surveying Department Manager

Duties

Surveyor

Education

B.S., Civil Engineering

Licenses

Professional Surveyor #8376
WV Society of Professional Surveyors, National Society of Professional Surveyors

We all live under the same sky, but we don't all have the same horizon.

Konrad Adenaur

Lead Surveyor on Vienna Johns Manville Acquisition. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on First Colony Center commercial development, Marietta, OH. Boundary, and topographic survey of pre-construction (existing) facilities. Construction layout of development. 15+- Acres, Cost >$80,000, Managed office and field work.

Lead Surveyor on Jackson and 9th Street Tank Replacement. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on City of Vienna Water Tanks Renovation Project, Vienna, WV. Boundary, and topographic survey of pre construction (existing) facilities. Preparation of construction easements. 12+- Acres, Cost >$10,000, Managed office and field work.

Lead Surveyor for City of Marietta Green Street Widening Project. Survey of existing buried / aerial lines. Topographic survey of proposed widening area. 4000+ LF, Cost < $7000, Performed Field work, prepared deliverables and managed office.

Lead Surveyor on 40th Street Storm Sewer Life Station in Vienna, WV. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on 60th Street Public Works Facility in Vienna, WV. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on the Muskingum River Force Main in Marietta, OH. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on the Green Street Waterline Replacement in Marietta, OH. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on the Sherry Drive Waterline Replacement in Marietta, OH. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Lead Surveyor on the Bike Path Alignments in Marietta, OH. Provided boundary and topographic surveying, utility mapping, and managed office and field work.

Lead Surveyor for Emergency Management Mapping in St. Marys, WV. Provided boundary surveying and topographic surveying, utility mapping, and managed office and field work.

Lead Surveyor on Muskingum Drive Realignment in Marietta, OH. Provided boundary surveying for transfer of property, topographic surveying and utility mapping for engineering design and construction layout or control placement for construction purposes.

Ronald D. Arnold

Position/Title

Senior Construction Administrator,
Estimator

Duties

Project Administration
Construction Estimating

Real success is finding your lifework in the work that you love.

David McCullough

Project Manager for the design and construction of a new annex for Fire Department in Vienna WV. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, bidding, and negotiation. As with any public project, there were a multitude of statutes to be adhered to.

Construction Administrator and Project Manager for a renovation project at the Marietta City Hall Building in Marietta, OH. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, interviews with all City departments, bidding, and negotiation. As with any public project, there were a multitude of statutes to be adhered to.

Project Manager for the design and construction of a new annex for Vienna Police Department. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, bidding, and negotiation. As with any public project, there were a multitude of statutes to be adhered to.

Construction Administrator and Project Manager for a new branch library in South Parkersburg. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, interviews with all key staff, reports to all stakeholders, construction progress photography, coordination with Bostwick Design Team and the Wood County Library, and contract administration.

Construction Administrator and Project Manager for the replacement of Washington County Public Library roof. Replaced clay tile roof and tin lining. Total project cost - $260,000. Responsibilities included specification of new roof material, bid document coordination and contractor oversight.

Project Manager for the renovation of a two story 100 year old library in Marietta, Ohio. Responsibilities included building the project estimate, coordinating and managing the project scope, budget and schedule between field operations, architect and the owner. Challenging aspects on this project included adding a dormer and third floor into the attic space, adding a mezzanine above one third of the main floor level.

Project Manager for the 2nd floor renovations and an elevator addition to the City of Vienna Senior Center in Vienna, WV. This project included initial client meetings to establish project scope, design team coordination, multiple client reviews, bidding, and negotiation. As with any public project, there were a multitude of statutes to be adhered to.

Project Manager for the historical renovation of a four story 100 year old building on a college campus in Marietta, OH. Responsibilities included building the project estimate, coordinating and managing the project scope, budget and schedule between field operations, architect and the owner. Challenging aspects on this project included value engineering to meet the client's budget, meeting the client's 7 month construction schedule, installing an elevator in the center of the building, replacing the original wood windows with new mill-built insulated glass windows utilizing the old sash weight and chain counterbalance system, reinforcing the original wood floor and roof framing, replacing all the paneled wood doors and multi member wood trim with new to match existing the profiles, all new interior finishes, complete new plumbing, HVAC, sprinkler and electrical systems.

Construction Administrator for the roof replacement at Camden Clark Medical Center. Scope included scheduling and leading pre-construction meetings with contractor and client, bi-weekly progress meetings during construction, provide weekly site visits, submittal review, RFI's, request for payments, change orders, and certificate of substantial completion. Arnold performed a thorough inspection of the jobsites and confirmed that the entire scope of the project was complete.

Keri L. Dunn

Position/Title

Specification Writer
AIA Contract Administrator

Duties

Specification Writer, Bid Administration and Contract Administration

Education

Washington State Community College
A.S., Industrial Technology

If you want to be creative in your company, your career, your life, all it takes is one easy step ... the extra one.

Dale Dauten

Bidding Coordinator and Construction Contract Administrator. Bid duties include preparation of front end specifications required for procurement, addressing bidding questions, preparing addenda, receiving and tabulation of bids, and issuing letter of intent. Contract Administration duties include preparing and executing contract documents, change proposal requests, change orders, change directives, receiving bonds and insurance from contractors, processing pay applications and closeout documentation. Familiar with WV School Building Authority Requirements and various grant requirements including the American Recovery and Reinvestment Act. Projects have included:

Recent projects include:

- Roof Replacement at Parkersburg High School Field House.
- Roof Replacement at Camden Clark Medical Center.
- Roof Replacement for the Washington County Public Library.
- Facade Renovations at West Virginia University at Parkersburg's Downtown Center.
- New Elevator Installation at West Virginia University at Parkersburg's Downtown Center.
- Electrical Service and Distribution at West Virginia University at Parkersburg's Downtown Center.
- Roof Replacement at West Virginia University at Parkersburg's Downtown Center.
- Asbestos Abatement at West Virginia University at Parkersburg's Downtown Center.
- Chiller Replacement at West Virginia University at Parkersburg's main campus.
- Salt and Motorcycle Storage Building at West Virginia University at Parkersburg's main campus.
- HVAC Upgrade project at West Virginia University at Parkersburg's Caperton Center.
- Fire Alarm Upgrades at West Virginia University at Parkersburg's main campus.
- Elevator Control Modernization at West Virginia University at Parkersburg's main campus.
- New Spec Process Building in Davisville, WV - multiple prime contracts.
- New Industrial Plant in Millwood, WV - multiple prime contracts.
- Energy Saving Implementation for Wood County Commission - multiple prime contracts.
- Access Safety at all Wood County School locations.
- Structural Repairs at Wood County Board of Education.
- Brick Repairs at an elementary school for Wood Co. Schools
- Boiler Replacement at an Elementary School in Wood County, WV.
- Welding Shop Ventilation replacement at the Wood County Technical Center.
- Access Safety renovations at all Wirt County School locations.
- Access Safety renovations at several addition entrances for Wood County Schools.
- Access Safety and Main Entrance Renovations for Wood County Schools - four phases of implementation.
- Electrical Upgrades at two elementary schools for Wood County Schools.
- HVAC Renovations at the Wood County Courthouse for the Wood County Commission.
- Fifth Floor Renovations at Camden Clark Medical Center - Memorial Campus.
- Third Floor Renovations at Camden Clark Medical Center - Memorial Campus.
- Roof Replacement at the Polymer Alliance Zone in Davisville, WV.

Our Services

Comprehensive Design

At Pickering Associates, we understand the importance of keeping the Client informed and engaged throughout the entire design and construction process. It is crucial to the project to get the Client involved early in the process along with other key stakeholders, in order to understand the needs of the facility. Our plan would be to engage the key stakeholders in regular design meetings to ensure expectations and schedules constraints are met.

Our design process will begin with schematic design. We feel that time spent with your staff to better understand the project, will allow us to be more efficient in completing the schematic design phase for this project and progress us to the next phase quicker than our competitors, therefore allowing us to meet your anticipated design schedule.

We always involve the authorities-having-jurisdiction during the schematic design to make certain that we address any and all concerns that they may have, thus reducing costly changes during design and/or construction. We have a close working relationship with agencies such as the West Virginia State Fire Marshal's Office and are familiar with the local and state requirements that need addressed for a wide range of projects. At the end of the schematic design phase Pickering will present rough sketches to the owner for approval. These sketches will provide the owner with the opportunity to verify that we have correctly interpreted your desired functional relationships between various activities and spaces. The sketches will also provide the client with a general indication of the exterior design and overall look of the addition. Once schematic design is complete, we will move into the design development phase for the project.

The design development phase is a transitional phase where the design team moves into developing the contract documents. In this phase, the architects and engineers prepare drawings and other presentation documents to crystallize the design concept and describe it in terms of architectural, electrical, mechanical, and structural systems. In addition, we will also prepare an estimate of probable construction costs so you will have a better indication of anticipated project costs. By preparing this estimate early in the design process, it will allow us to identify potential cost savings that may be required to keep the project within your anticipated budget. At the end of the design development phase, the architect will provide the client with drafted to-scale drawings that will illustrate the project as it would look when it's constructed. These drawings will specifically define the site plan, floor plans and exterior elevations. It is important that the client provide input to the architect at this time as the design development drawings are used as the basis for the construction drawings and used to further develop and refine the estimate of probable construction costs for the project.

Once the Owner has approved the design development phase, the Architect prepares detailed working drawings, thus progressing into the construction document phase of the project. During this time, final drawings and specifications are produced for the project. These documents will be used for bidding the project to contractors. These drawings and specifications become part of the construction contract. The construction documents will include all necessary information to ensure that the project will be constructed as conceived by the Owner and design team. Renderings and/ or a physical 3D model can also be prepared (if desired by the client) to accurately portray the final design and to use as a marketing tool.

Pickering Associates can handle the bidding & negotiation phase of the project with our experienced in-house construction administration team. We have systems in place, and are equipped to electronically distribute the bidding documents to contractors and equipment suppliers interested in bidding the project, as well as produce hard copies as required. We will assist in contacting contractors to get interest in bidding the project, answer requests for information during the bidding process, assemble addendums, schedule, coordinate and lead a pre-bid meeting, and assist the owner with bid opening and contractor evaluation.

During construction administration Pickering Associates can be an agent of the owner, overseeing construction to ensure conformity to construction drawings, specifications, and standards. Pickering will assist the owner in awarding the contract, lead and coordinate weekly construction meetings, produce meeting agendas and meeting minutes, answer RFI's from contractors, review submittals, process change orders and pay applications, perform regular site visits, complete a punch list at the end of the project, and keep the owner informed throughout the entire process. This closely monitored process helps to ensure that the final project represents the intended design as indicated in the construction documents.

Consensus Building

Consensus building is essentially mediation of a conflict which involves many parties and is usually carried out by a facilitator that moves through a series of steps.

In the beginning, our facilitator or project manager identifies all of the parties who should be involved, and recruits them into the process. We propose a process and an agenda for the meeting, but allow the participants to negotiate the details of the process and agenda - giving the participants a sense of control of the process. This process builds trust between the participants and the facilitator, between the participants themselves, and with the overall process.

Defining and often re-defining the conflict is usually the next step. The project manager will get the participants to define the issues in terms of interests, which are usually negotiable, rather than positions, values, or needs, which usually are not. The project manager will then get the participants to brainstorm alternative approaches to the problem. This is typically done as a group effort, in order to develop new, mutually advantageous approaches. After the participants generate a list of alternate solutions, these alternatives are carefully examined to determine the costs and benefits of each (from each party's point of view), and any barriers to implementation are documented. Eventually, the choice is narrowed down to one approach which is modified, until all the parties at the table agree to the solution. The project manager then takes the agreement back to the owner for discussion and approval.

Cost Control

Through the development of the project scope, number of units to be designed and site evaluations, we take into consideration the budget available or targeted to assure funds are accounted for early in project development. Once a preliminary site and building footprint is defined, we take the time to develop an estimate of probable project costs and alert our clients of any differences between project budget and the anticipated project costs.

Quality of Work

While a project budget may limit the use of traditionally expensive materials, Pickering still sees the importance of using proven materials which will provide a quality project while being cost effective. Importance is always placed on areas where small amounts of upcharge can create the largest impact to the future tenants and provide an inviting environment. As professionals, we are also tasked with finding cost effective solutions which still provide the building owners with years of excellent service. While every individual project we have designed is unique, there are common design elements and materials which have proven over the years to be best suited for similar projects.

Performance Schedule

With the selection of Pickering Associates, your organization gains the full depth of our organization. All projects are scheduled out through all phases of delivery by our resource manager and the project manager, assigning the necessary resources to perform to the schedule necessary for that project and highlight major milestones long before they could become an issue. With more than 70 professionals on staff, you can be confident that Pickering Associates has the resources to meet your project schedule.

Sustainable Design

Pickering Associates is a LEED affiliated firm. We have architects and engineers that are current with LEED registration and the firm has completed multiple projects ranging from the certified level to platinum. We use software and best engineering practices to provide the end user the most energy efficient building systems. When you combine this with providing architectural design that works with these systems for insulation and avoidance of solar heating, you end up with an energy efficient building.

Multi-discipline Team

We also believe that because we are a full-service firm, (having the majority of the designers, architects, engineers, landscape designers, surveyors, project managers, and construction administration professionals on staff and under one roof), we are able to provide a better coordinated project than firms who are required to use many outside consultants. We organize regular in-house project team coordination meetings throughout the design phases of a project to discuss and work-out any issues or concerns that may arise. We feel that this face-to-face coordination with our design team is more effective and efficient than coordinating via email or over the phone. Our close coordination efforts have proved valuable in many cases where the design schedule is accelerated and/or where there is equipment in the project that requires the effort and coordination of several disciplines. Typically, there are more change orders in firms that are not full service due to the difficulty and time required for drawing coordination.

Cost Estimation

In order to provide estimates for probable construction costs with accuracy, Pickering subscribes to and utilizes RS Means CostWorks On-Line. This tool provides comprehensive, localized, and up-to-date construction costs to help us create reliable estimates for our projects.

We know the importance of not only understanding our client's budget, but ensuring that the project is designed to fit into (and stay within) that budget. When an exterior addition is involved, we do our best to give our client a project that will not only look nice, but provide a design that will fit into the context of the existing facility by making it look like it belongs. We do not feel that it is appropriate to over-design a project to make a statement – thus increasing construction costs and making it difficult to stay within the client's project budget. We believe that it is more important to design features into the project that will allow for a better functioning project.

We utilize cost control methods to make sure that the overall project budget does not increase without the client's knowledge or prior approval. We typically provide an updated estimate of probable construction costs for each phase of design, thus monitoring and providing control for the project budget. If scope items are added to the project during the design phase we make certain that the client understands the implications and costs associated with each change or addition - prior to officially adding it to the project.

Building Information Modeling

Pickering Associates approaches Building Information Modeling as a very useful tool that can accomplish goals that extend beyond the typical design and construction phases of the project. Defining the specific project expectations is critical for the owner and designers. We work with the owner and start with their anticipated use of the BIM model once construction is complete. From there, we work through the design schedule incorporating all aspects of BIM that will enhance the owners understanding of the project. We will assign model management responsibilities, quality assurance responsibilities, and level of development criteria – all linked to specific schedule milestones. We incorporate clash detection, collaboration tools, visualization capabilities, and analytical studies throughout to benefit the project development process. We utilize these aspects of BIM and elevate them with in-house 3D printing services to provide exceptional professional services. Many or our architectural and engineering leads, designers, and drafters are trained, proficient, and up to date on BIM software. We even have an in-house BIM coordinator that routinely provides training and updates to our staff to ensure that everyone has the proper training to perform the work we do.

Cutting Edge Technology

Pickering Associates approaches Building Information Modeling (BIM) as a tool for quick design concept generation that will continually add detail throughout the project and even beyond the construction phase. The ability to visualize a design early on via the 3D model allows high level decisions to be clearly identified and addressed during the beginning phases of the project – typically where potential impacts to project cost/schedule is greatest. Defining specific expectations is critical for key stakeholders and BIM allows our design teams to address those expectations much earlier in a project than a traditional 2D work-flow.

Efficient visual communication and an in-depth design understanding are the greatest assets that BIM brings to the table at Pickering Associates. The composite model allows our team to accelerate project development and simplify conversations during design reviews. Having the capability to visualize all of the design models together in a single review session aides both inter- and intra-department collaboration like never before. Capturing all client and designer comments and feedback within a 3D model live during a review session saves countless hours of paging through "redlines" generated from traditional 2D physical paper reviews. The added capacity to search and export reports of these virtual comments allows our team to capture and track design communications more efficiently than ever before.

3D Scanner

Pickering Associates has invested in state-of-the-art 3D Scanning technologies to more quickly and accurately document existing site conditions. This helps our design teams capture existing site data in more detail and in a format the blends well with our 3D modeling and BIM work-flows. This tool allows us to send a small scanning team into an existing building/space and virtually document the conditions of the area in three dimensions, including detailed color photographs throughout the scanned area for design teams to reference throughout the project. This data capture implementation is safer and more efficient for our designers. It reduces the time and equipment needed for traditional hand-measuring that our industry has been accustomed to throughout the years. Granting our designers the ability to virtually measure items directly on a 360 degree image to an accuracy within 1/8" right from their desk, where they have the greatest access to design tools is unprecedented in our region!

Aerial Mapping

Pickering Associates has recently obtained certification through the FAA's Part 107 Remote Pilot process to operate Unmanned Aircraft Systems (UAS) commercially. As cutting edge technology continues to evolve, Pickering Associates is able to fulfill client needs further by providing high-quality aerial imagery and three-dimensional aerial mapping.

Currently, Pickering Associates is capable of employing the use of two UAS: the Yuneec Typhoon 4K and/or the DJI Mavic Pro to fulfill client needs of high quality imagery and 4K video. In addition to imagery and video, the DJI Mavic Pro allows for the capturing of 3D point cloud data to be incorporated into CAD design files. In addition, the data obtained by the DJI Mavic Pro has the capability of being integrated with the Faro 3D scanning system, and ultimately be intertwined with our firm's ability to 3D print models. The functions of these images and videos can range from Pre-Construction documentation of large scale projects to construction progress documentation to As-Built documentation. They can also be used as marketing and inspection tools.

Related Prior Experience

Type

Education

Services

Structural

Architectural

Construction Administration

Due to repair and maintenance concerns as well as the general age of the roofs, Wood County Schools has contracted with Pickering Associates for the past six years to prepare bidding and construction documents for roof replacements at several schools throughout Wood County. The County determined priorities for replacement and edge repair and worked with Pickering Associates each year to design, bid, and construct roof replacement as it fit within their maintenance budget.

To date, twenty- three roofing projects have been completed, totaling over 957,000 SF, six were just completed in the summer of 2018. Wood County has also contracted with Pickering for their 2019 roof replacement projects that are currently in design and will soon be ready for bidding and construction prior to the summer of 2019. These additional roof projects encompass twelve buildings and over 317,000 SF.

Although there are various types of existing roof construction throughout the buildings in the County, many of the replacements were ballasted membrane systems over various types of decking. The majority of the new roof construction was based on new fully-adhered 90 mil EPDM roof systems with 2" polyiso board insulation, and many of the projects included replacement of all edging, gravel stops, flashing and associated blocking and decking as required, due to damage. Various overhangs and canopies were also re-roofed or replaced depending on structural integrity as part of these projects. New equipment rails for misc. equipment and ductwork were included as well as various exhaust vent curbs required to meet warranty and maintenance requirements.

Contracts each year were typically awarded to Pickering Associates in early Spring, requiring the design process to be fast-tracked, so that bidding and contracting could be performed in time to begin construction as soon as school dismissed for summer vacation at the end of May. The projects were bid as separate contracts allowing the County to use multiple contractors, ensuring that all work could be completed over the summer break.

Pickering performed all design, bidding services, and construction administration for the County to ensure that all work was performed in compliance with the construction documents and per manufacturers recommendations for warranty purposes.

Type

Education

Services

Project Management

Architecture

This project was completed by Pamela Wean, Sr. Project Architect, prior to joining Pickering Associates. Blackwood Associates and MSES Consultants were the Architect and Engineer of Record.

This renovation project included all new electrical, fire alarm system, plumbing, HVAC, sprinklers, access control and security, and technology systems. New classrooms were created in spaces that formerly housed the cafeteria and the library. Exterior improvements included window and door replacement, brick and stone repointing and cleaning and new covered sidewalks. Interior improvements included new doors, plaster repair, new paint, flooring, ceilings, new and refinished wood floors.

Also included in this project, was the addition of a new school Media Center, created by installing a skylight over an existing two-story courtyard.

Design was complete July 2010. Construction was completed January 2013.

Project Owner: Marion County Schools

References: Gary Price, Superintendent
304.367.2100 x 111
gprice@k12.wv.us

Chad Norman, Former Principal (during project)
304.367.2100 x 136

Type

Education

Services

Architectural
Civil
Structural
Mechanical
Plumbing
Electrical
Construction Administration

Marietta College and Pickering Associates have established a productive working relationship over the years. Through the various projects, Pickering Associates has been able to provide the college with numerous successful projects. A few of them are below:

Physician's Assistant Building Renovations: Marietta College purchase a local building in downtown Marietta which was previously used as a bar and social hall. Pickering Associates provided design documents for this three story 21,000 sq. ft.. building which would provide additional academic space. The program required the following areas: offices, conference rooms, toilets, classroom for 40 students, clinical instruction space with 18 exam tables, clinical exam rooms, computer room, student break-out rooms and student break and locker area.

Pickering Associates was contracted to renovate both dining halls on campus using the Owner's cafeteria/food service consultant. The project involved all new architectural finishes, mechanical systems, plumbing systems and upgraded electrical systems. Construction took place over the summer and was complete before the return of students.

With the increase in technology and it's subsequent electrical demands having increased since most buildings on campus were built over 100 years ago, it became increasingly necessary to conduct an Electrical Reliability Study. Subsequently, Pickering Associates engineered the electrical upgrade which included new primary distribution equipment and electrical feeders.

Due to aging conditions and a desire to meet ADA requirements, Pickering Associates provided design documents to upgrade the bathrooms in Mary Beech, Elsie Newton, Marietta and Webster Halls. In addition to new water supply, drain, waste and vent replacement in these multi-floor residence halls, renovations focused on new fixtures and interior updates such as tile, counter tops, partitions and other accessories.

Type

Higher Education

Services

Architecture,

Electrical

Structural

Mechanical

Construction Administration,

Project Management

Washington State Community College and OFCC engaged Pickering Associates to assist in replacing the membrane roofing systems on two existing buildings at their campus on Colegate Drive in Marietta, Ohio. The two buildings to be replaced were the Arts & Science Building and the Library Building. A design alternate was provided for replacement of an existing HVAC Roof-Top Unit on the Library building. Structural design was limited to portions of the Arts & Science Building at or above the roof level as required for roof replacement. The new roof replacement design incorporated a new 30-year, adhered EPDM roofing system with an R30 total insulation value to meet current code. The project was designed in conjunction with the needs of Washington State Community College and OFCC and is being locally administered. The team is utilizing OAKS CI as needed for this project.

The project is currently in the construction phase, and anticipated completion is November 2018.

Type

Education

Services

Structural

After noticing large 'cracks and leaning' in the bell tower, Williamstown Elementary School requested Pickering Associates conduct a structural assessment and prepare a report discussing the structural adequacy of the exterior brick, the towers general structural systems, the cause(s) for the visible distress of the building, and provide recommendations for the repair including cost estimation.

Williamstown Elementary School was built in the early 1900's and the third floor was removed around 1967. The bell tower was shortened but the exact date of when is unknown.

Pickering Associates assembled all existing construction drawings, distress history, and any other available documentation and preformed a visual site inspection of the visible conditions. Our engineers recorded the basic, approximate construction /condition data associated with the distress. Engineers then performed relevant analysis and evaluation and prepared an assessment report for Williamstown Elementary School and WES's insurer and discussed the results with both parties.

Type

Education

Services

Project Management

Architectural

Civil

Mechanical

Plumbing

Electrical

Structural

Construction Administration

The Wood County Board of Education requested a study of Edison Middle School in order to submit a 'Needs' proposal to the SBA for obtaining grant funding for the project.

Proposed project includes various renovations and an addition to the existing Middle School, for added security and fire code compliance. A small addition was added to connect the two existing buildings on campus, and was designed to contain five additional classrooms that assist in alleviating their current classroom space deficiencies. The addition also provides a safer, enclosed walkway between buildings for both students and staff.

The project provides much needed assistance for health and safety concerns as follows:

- The enclosed walkway addition provides a covered and secure access for students and staff between existing buildings. Currently, the students and staff are routinely required to travel outside through an insecure, open area, to traverse from the main building to the building that contains additional classrooms, music, band, and cafeteria areas.

- Minor renovations and additions at the main building entrance of the school create a reception area large enough for visitors and principal's office. This addition, along with minor interior renovations, allows for reconfiguration of the entrance area that includes a safer controlled access into the building, monitoring of activities, and privacy for staff and students.

- Provides a sprinkler system for the existing building to comply with West Virginia State Fire Code. This sprinkler system allows for a safer environment for the students and staff by providing a safer egress from the building in the case of a fire.

Pickering Associates provided a Needs Submittal for this project outlining the needs and current deficiencies at the Middle School which included a preliminary cost estimate for the proposed project. Exploring the campus areas through 3D visualization software, we were able to better communicate with our client throughout the process. The 'Needs' proposal was completed by Pickering and approved by the SBA upon review.

Type
Education

Services
Structural

Pickering Associates performed a structural assessment for the Wood County Board of Education concerning wall and floor cracking they were experiencing in their Board of Education office building. This project demonstrates Pickering Associates' experience regarding Structural Forensics, Analysis and Design services in support of client budgeting and planning.

Over time, minor cracking in the Board of Education office's concrete slab had reportedly grown with no apparent natural resolution. The damage was limited to one small area, but the Board hoped to take care of the issue before it had a chance to become more widespread.

Pickering Associates provided a report of the damage and the current structural adequacy of the floor, investigated the potential causes and offered recommendations for repair including the associated conceptual cost estimate.

Resolution and repairs included the site drainage modifications, foundation repair system application and miscellaneous masonry/concrete reconstruction. Temporary shoring was installed and during all construction, the building was strictly monitored for shifting or movement. The windows on the affected side of the building were removed and stored for reinstallation. The contractor excavated and installed 15 helical soil anchors and replaced lintel bearing masonry. The windows were reinstalled and sealed and interior finishes were replaced. Additional tuck-pointing was performed on the exterior brick, the drainage was replaced around the footings and the site was regarded, landscaped and seeded.

The expertise and professionalism of the contractor along with quick response times by the engineer allowed this project to proceed quickly with minimum disruption to the daily activities of the occupants.

Type

Education

Services

Project Management

Architecture

The East Fairmont Middle School Gymnasium was constructed in 1929 adjacent to a high school built in 1921. Although the high school was demolished, it was determined that the Gym could be restored to serve as an auxiliary gym to the new adjacent middle school, and as a gymnasium for the community.

Pamela worked with the Client to design extensive renovations both inside and out for this project. Exterior renovations were completed in the Spring of 2015, and included brick and stone repair and cleaning, total window replacement with historical windows and painting. The interior renovations included HVAC, electrical, and lighting upgrades, fire alarm and security systems, restroom upgrades, and painting.

This project was completed by Pamela Wean, Sr. Project Architect, prior to joining Pickering Associates. Blackwood Associates and MSES Consultants were the Architect and Engineer of Record.

Type

Government

Services

Architectural
Civil
Survey
Structural
Mechanical
Electrical
Construction Administrator

Pickering Associates completed a major renovation project at the Marietta City Hall and Fire Department Building on Putnam Street in Downtown Marietta, Ohio. The new building design provided upgrades for the City that would gain the most impact with the least amount of construction dollars. Upgrades were made to City offices, police department and the fire department. The renovation was essential to alleviate space deficiencies and included many upgrades that were necessary for building code and ADA compliance.

Scope of work for the project included upgrades to the Mayor's office suite, relocation of the Auditor's office and Treasurer's Office, relocation of the Police department to provide a more functional space out of the flood plain, and upgrades for the fire department. Some of the major goals that were accomplished for this project include: Addition of a new three-stop elevator that provided ADA access to all levels of the building, new ADA compliant toilet facilities, consolidation of Police department operations for a more functional program, upgrades to all mechanical, electrical, and plumbing systems, a new EPDM roof and exterior upgrades, as well as a new training and meeting room for the current fire department.

Pickering Associates provided conceptual design services and overall master planning for the project, and worked with the various City departments to fully understand the needs of each group. Our architects and engineers also assisted the City with many presentations to City Council and various City committees, in order to provide an understanding of the project scope and anticipated construction budget. These presentations were important for the project to gain City and Community acceptance and approval before progressing into construction. Once approved, construction drawings were prepared, and Pickering provided full Bidding and Construction Administration services for the project - including constructibility reviews and project inspections for the City throughout the duration of the project.

Design was completed December 20, 2013. Construction was complete by October 2014.

Contact: Eric Lambert, City Engineer | 740.373.5495 | ericlambert@mariettaoh.net

Type

Government

Services

Architecture
Civil
Structural
Mechanical
Plumbing
Electrical
Project Management
Construction Administration

The Parkersburg and Wood County Library hired Pickering Associates to perform renovations to their Emerson Branch location. The existing building is a two-story structure that was built circa 1976.

Various updates and renovations where made to the facility including a new public entrance (canopy and vestibule) on the Northeast side of the building. The new entrance provides a better public access into the building. Project also included interior modifications on the upper level to accommodate the new entrance. In addition, Pickering also designed a new children's area to the library. This area allows for the children to explore and have a section all to their own. Additional upgrades made to the facility included a new circulation desk/office area, minor site/parking lot modifications as required for new entrance, upper level HVAC modifications to the existing HVAC system, new acoustical ceilings and lighting for the upper level of the building, and minor lower level renovations to include removal of low wall in stack area and the addition of a new staff desk.

Type

Education

Services

Project Management

Architecture

This project was completed by Pamela Wean, Sr. Project Architect, prior to joining Pickering Associates. Blackwood Associates and MSES Consultants were the Architect and Engineer of Record.

This project included an addition to Simpson Elementary School to house additional classroom space. Although site space was limited, an addition was created without infringing on the existing playground.

The base bid for the design included a single-story, four-classroom addition for Kindergarten and Pre-K students. However, the bids received were under budget, allowing for a second story to be added to house six additional classrooms and a private playground for Pre-K and Kindergarten students.

The project also included an addition to house a centralized Administration Office with a secure entry. Renovations to the existing building included the addition of sprinklers throughout the entire school, mechanical and electrical upgrades, and renovations to classrooms to create new access to the ten-classroom addition.

Design was complete in June of 2009. Construction was complete in April of 2011.

Type

Education

Services

Architectural

Construction Administrations

Electrical

After receiving complaints indicating areas that were not in compliance with current accessibility standards, WVU-P contacted Pickering Associates for an assessment to determine compliance with current accessibility codes in the complaint areas.

The Pickering Associates team performed field observations to investigate the complaint areas and prepared a report of the existing conditions. The areas of issue included the parking areas, the approach to the activity center from the accessible parking stalls, the tables in the computer lab within the library, and the restroom near the administration offices wing.

Pickering Associates performed the visual inspection of facilities during a walkthrough and documented the conditions that were verified during the walkthrough. Our team described, in detail, all the deficiencies found and prepared a summary report of the findings for the owner use.

The project team for this assessment included Traci Stotts, AIA, Ronald Arnold, and Zac Campbell, PMP.

Type

Government

Services

Architecture

Project Management

Construction Administration

The Washington County Public Library contacted Pickering Associates after discovering the need to replace the existing clay tile roof and tin lingering in the existing built-in gutter at the Main Branch Library in Marietta, Ohio. The building was built in 1918 and expanded in 1997 to include a second floor and mezzanine. Several repairs have taken place over the years in an effort to extend the life-span of the existing roof and tin lined gutter.

Pickering Associates provided the design services to replace the clay tile roof and tin lining in the built-in gutters in order to provide a long term solution for the Washington County Public Library's roof issues. Additionally, Pickering Associates provided project management, bidding and construction administration services.

Pickering Associates' team performed the field surveying of the existing roof area and recorded relevant information for design purposes, documented the existing conditions required for new design, and inspected the wood roof framing and decking for water damage.

Pickering Associates' architectural team created bid and construction documents. The construction documents consisted of the demolition roof plan and coded notes, new roof plan and coded notes, and roof details pertaining to new roof materials, existing roof materials to remain, built in gutters, roof penetrations, and flashings to convey work to be completed within project scope.

Pickering Associates' project manager and construction administrator reviewed the existing project area and discussed the conditions (known and visible) with the owner. Our project manager/construction administrator created both the AIA front end documents and the roof specifications for bidding the project. Our team distributed the bid packages, scheduled and lead the pre-bid meeting, handled RFI's, scheduled and lead a public bid opening, assisted the owner with contractor selection, scheduled and lead a pre-construction meeting at the site with all involved parties, and scheduled and managed a contract signing/negotiating meeting.

This project was completed on time and on budget.

References

Marietta College

Letter of Reference

Since 1999, Pickering Associates has been Marietta College's local "go to" electrical design and full service architect-engineering firm for both new construction and renovation. Following are the more significant projects that they have completed for me:

- Master Plan and design for the upgrade and extension of underground high voltage distribution system. This work was completed in four phases to support five major construction projects. Pickering Associates coordinated design effort, design schedule, and phased completion of work with five different lead architect firms. Their effective communications with the firms outside this region and with local permit and building authorities resulted in no change orders or schedule delays attributable to their effort.
- Life Safety Upgrades to Dorothy Webster Residence Hall. Retrofitted emergency lighting, general lighting, fire detection and alarm system into a three story, 17,000 square foot building constructed in the 1870's.
- Residence Hall Restroom Renovations. Designed the repair by replacement of restroom fixtures, ventilation, shower enclosures, partitions and finishes in five residence halls.
- Gilman Hall and Andrews Hall Food Service Renovations. Designed the electrical and lighting and HVAC systems for a $2 million renovation of two kitchens and student dining areas.

On all these projects Pickering Associates controlled costs without compromising the quality of the final product. What I most appreciate is the level of effort that all disciplines put into their on-site investigation during the planning and programming phase. When you have a tight budget established by your Board of Trustees and a tight schedule driven by the return of students, this additional effort can reduce change orders that will cost time and money.

In my opinion, because of the high quality of their plans and specifications, Pickering Associates has an excellent professional reputation in the general contractor community so, as an Owner, I feel like a get the advantage of the most competitive bid.

Please feel free to contact me at (740)-376-4367 for any additional information that may help you select the most qualified firm for your work.

Sincerely,

Fred R. Smith, PE
Director, Physical Plant

CHARTERED IN 1835
215 Fifth Street • Marietta, Ohio 45750-5031 • Phone: 740.376.4900 • www.marietta.edu

City of Marietta

ENGINEERING DEPARTMENT
304 Putnam Street – Marietta, Ohio 45750
Phone (740) 373-5495 – Fax (740) 376-3006
www.mariettaoh.net

November 15, 2018

To Whom It May Concern:

Pickering Associates has worked with the City of Marietta on our City Hall Building Renovations, Armory Elevator Renovations, various Waste Water Treatment Plant Projects, as well as multiple other projects over the past several years, providing Architectural, Engineering and Surveying services for the City.

From initial project planning, design development and bidding, through contracting, construction administration and closeout, Pickering Associates has been beside the City of Marietta to provide any necessary support needed to make the project successful. Zac Campbell, Traci Stotts, Ron Arnold, and other Architects, Designers and Engineers have worked closely with our staff to run projects as efficiently as possible. Also Jim Wark with Pickering Associates has worked with the Engineering Department and City Staff for the past 3-years to provide Comprehensive Construction Administration Services from constructability review prior to bidding to final closeout of the project.

Their team has provided us with quality bidding/construction drawings and specifications, allowing us to receive accurate bids, which in turn, allows us to move ahead expeditiously from bidding to contracting. They have shown a clear understanding of the bidding and contract administration process, which truly helps make our job easier.

It has been a pleasure working with the staff at Pickering Associates, and I would not hesitate to recommend them for similar projects.

Sincerely,

Joseph R. Tucker

Joseph R. Tucker, P.E.
City of Marietta

Polymer Alliance Zone of West Virginia

Come grow with us!

May 19, 2016

To Whom It May Concern:

Pickering Associates worked with Polymer Alliance Zone, Inc. on our 80,000 square foot pre-engineered warehouse building at Polymer Technology Park in Davisville, WV. The project was funded through WV Economic Development Administration (WVEDA) and the Infrastructure Joint Development Council (IJDC).

From initial project planning, design development and bidding, through contracting, construction administration and closeout, Pickering Associates was beside PAZ to provide any necessary support needed to make this project successful. Their professional team of Architects, Designers and Engineers, worked closely with our staff to make sure the design accommodated all of our needs.

It has been a pleasure working with the staff at Pickering Associates, and I would not hesitate to recommend them for projects of any type and magnitude. I continue to look forward to our future working relationship with their team.

Sincerely,

Karen L. Facemyer

Karen Facemyer
President/CEO
Polymer Alliance Zone, Inc.

#1 Polymer Way, Davisville, WV 26142 Tel. 304-428-1622 888-711-1143 Fax 304-428-1667 www.pazwv.org

Physical Plant Department
Wood County Schools Maintenance
4701 Camden Avenue
Parkersburg, WV 26101

Phone: 304-420-9568
Fax: 304-420-9570

January 10, 2019

To: Whom It May Concern

Subject: Customer Reference – Pickering Associates

Wood County Schools continues to contract with Pickering Associates in 2019 as they have for the past several years. Pickering Associates continues to deliver a quality product with excellent results.

In 2018 Pickering Associates continued to support the Williamstown Elementary construction project which is currently on schedule to be completed in 2020.

In 2018, the firm designed and oversaw the completion of 300,000 square feet of Wood County Board of Education roofing projects.

In 2019 Pickering Associates designed and will oversee the completion of 200,000 square feet of Wood County Board of Education roofing projects.

In 2018 Pickering Associates also completed the design of handicapped accessible bathrooms for Jackson Middle School and will assist with the oversight of the addition in 2019.

In 2018 Pickering Associates also completed the design and will assist in the oversight of the addition to Erickson Field Sports Facility bathrooms and concessions in 2019.

It has been a pleasure to work with Pickering Associates. I would not hesitate to recommend the Pickering Associates team to provide excellent design and oversight to any level of construction project.

Sincerely,

Martin Best

Physical Plant Director

April 18th, 2016

To whom it may concern,

Pickering Associates has worked with the City of Vienna on our Police Department Annex, Volunteer Fire Department, and Senior Center, as well as multiple other projects over the past several years, providing Architectural, Engineering and Surveying services for the city.

From initial project planning, design development and bidding, through contracting, construction administration and closeout, Pickering Associates has been beside the City of Vienna to provide any necessary support needed to make the project successful. Traci Stotts, Ron Arnold, and other Architects, Designers and Engineers, worked closely with our staff to make sure the design accommodated all of our needs.

Pickering Associates has consistently completed projects for us satisfactorily. Their team clearly exhibits a thorough understanding of the bidding and construction administration process, which makes for smooth-running projects.

We have enjoyed working with the staff at Pickering Associates and appreciate their work for the City of Vienna.

Sincerely,

609 29th Street, P.O. Box 5097, Vienna, WV 26105 *Phone:* 304.295.4541 *Fax:* 304.295.0737

Mark Mondo
Building and Excavating Inc.

June 1, 2018

To Whom It May Concern:

I am writing to recommend the professional services we receive from Pickering Associates. Mark Mondo Building and Excavating has worked with Pickering Associates for many years. We have always received prompt, professional, collaboration, and insight when working with them. From simple phone call Q & A, to full service project management, and the myriad of negotiations and regulations of a project, Pickering Associates delivers the services that keep us building projects, year after year. As complicated as a project can be, it is good to know that so many disciplines are so well represented in one firm.

As a regular user of their output, I find that their construction documents to be second to none. Their attention to detail and clarity of presentation is so important when trying to convey the design of a project. Better drawings mean better projects. Simple as that.

John H. Anderson
Project Manger | Business Development
Mark Mondo Building and Excavating
740-376-9396
740-236-6006 Mobile
john@mondobuilding.com

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710 COLEGATE DRIVE | MARIETTA, OH 45750 | 740.374.8716 | WWW.WSCC.EDU

March 22, 2018

Traci Stotts
Pickering Associates
11283 Emerson Avenue
Parkersburg, WV 26104

Dear Traci,

On behalf of the College, I would like to thank you and the entire team at Pickering Associates for the outstanding care provided to us during our recent Kitchen Renovation project. The team you spearheaded provided exceptional design services in architectural and engineering for the renovations of our Kitchen and Food Service Prep Areas. We selected Pickering Associates for their expertise and project management skills and also for their ability and willingness to complete the project within our limited time frame.

Our project required Pickering Associates work with several College and kitchen staff to understand the design intent of the area being renovated, as well as the vision of the leadership of the College. Although the project was unpretentious in the area, it included many aspects that required specific architectural, electrical and mechanical expertise and design. In addition, the aesthetic flow of surrounding areas was needed. We are grateful for the way all these items were addressed.

Above average and uncommon performances by your team included most importantly the listening and addressing of our needs for this project. The guidance and recommendations provided, which required a high level of extra time and involvement by each member of the team including architects, engineers and support staff, were immeasurable.

We are also very appreciative that the design team was able to provide the architectural and engineering services for our project that were necessary to obtain the required permits. Those activities were again within an extremely tight and uncommon time frame. Once again the team was able to effectively coordinate with numerous authorities having jurisdiction and obtained the approvals that were necessary for the construction to start.

We have enjoyed working with the entire Pickering team and are looking forward to future projects with you and your organization.

With sincere gratitude,

Jess N. Raines

JESS N. RAINES, CPA
VICE PRESIDENT OF FINANCE & OPERATIONS
TREASURER

DIRECT 740.885.5621
FAX 740.374.9562
jraines@wscc.edu

222 ½ Putnam Street, Marietta, Ohio 45750
740-373-0894 - info@hipp1919.com
www.peoplesbankthcatre.com

May 23, 2016

Re: Pickering & Associates Letter of Recommendation

To whom it may concern:

Pickering & Associates was the Architect and Project Manager for the restoration work at the Colony Theatre Rehabilitation project (recently renamed The Peoples Bank Theatre) which was completed in December of 2015. This was a $7.5 million theatre restoration project which needed to comply with the National Park Service standards for historic rehabilitation as we used both the Federal and Ohio State historic tax credits as part of our funding package.

As the Development Director of the Hippodrome/Colony Historical Theatre Association and now Executive Director, I worked closely with Project Manager, Ron Arnold, but also many other members of the Pickering team. They provided architectural services, as well as engineering work for some of the more complicated electric and HVAC work at the theatre.

In all instances they were responsive to our needs and diligently managed the construction work, keeping in mind the need to comply with historic preservation standards.

I am happy to answer any questions in the future and can recommend them highly for projects of similar scale and construction features.

Sincerely,

R. Hunt Brawley, J.D.
Executive Director

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Traci L Stotts, Architect
(Name, Title)

Traci L. Stotts, Architect
(Printed Name and Title)

11283 Emerson Ave Parkersburg, WV 26104
(Address)

(304) 464-5305 / (304) 464-4428
(Phone Number) / (Fax Number)

tstotts@pickeringusa.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Pickering Associates
(Company)

Traci L Stotts, Architect
(Authorized Signature) (Representative Name, Title)

TRACI L. STOTTS, Architect
(Printed Name and Title of Authorized Representative)

2-20-19
(Date)

(304)464-5305 / (304)464-4428
(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (*W. Va. Code* §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Pickering Associates

Authorized Signature: Traci L Stotts Date: 2-20-19

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 20th day of February, 2019.

My Commission expires March 15, 2021.

AFFIX SEAL HERE

NOTARY PUBLIC OFFICIAL SEAL
STEPHANIE L DONAHOE
State of West Virginia
My Commission Expires
March 15, 2021
252 Hanson Ave Charleston, WV 25303

NOTARY PUBLIC Stephanie L. Donahoe

West Virginia Ethics Commission

Disclosure of Interested Parties to Contracts

(Required by *W. Va. Code* § 6D-1-2)

Contracting Business Entity: Pickering Associates **Address:** 11283 Emerson Ave. Parkersburg, WV 26104

Authorized Agent: Traci Stotts **Address:** Same

Contract Number: CEOT 0403 DBS1900000002 **Contract Description:** Architecture / Engineering

Governmental agency awarding contract: Acquisition and Contract Administration

☐ **Check here if this is a Supplemental Disclosure**

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below *(attach additional pages if necessary)*:

1. **Subcontractors or other entities performing work or service under the Contract**
   ☑ Check here if none, otherwise list entity/individual names below.

2. **Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**
   ☐ Check here if none, otherwise list entity/individual names below.
   Ryan Taylor

3. **Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**
   ☑ Check here if none, otherwise list entity/individual names below.

Signature: Traci L Stotts Date Signed: 2-20-19

Notary Verification

State of West Virginia, County of Kanawha:

I, Traci Stotts, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 20th day of February, 2019.

Stephanie L. Donahoe
Notary Public's Signature

To be completed by State Agency:
Date Received by State Agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____

NOTARY PUBLIC OFFICIAL SEAL
STEPHANIE L DONAHOE
State of West Virginia
My Commission Expires
March 15, 2021
282 Henson Ave Charleston, WV 25303

Revised October 7, 2017