



ARCHITECTS

"Exceeding Expectations"

Principals:
David S. Beeman AIA, LEED AP BD+C
Robert C. Cushman, AIA, CSI

May 29, 2013

Tara Lyle, File 32
Department of Administration, Purchasing Division
2019 Washington Street East
P.O. Box 50130
Charleston, WV 25305-0130

RE: MEDCOM Facility Build-Out Design

Dear Ms. Lyle,

SEM Architects is interested in helping the WV Army National Guard develop a Medical Command Facility, Troop Medical Clinic within its existing facility in Charleston, West Virginia. With this in mind let us take this opportunity to better acquaint you with the Firm and our capabilities as represented in this proposal response:

SEM Architects is a full-service architectural firm with significant medical facility and related experience. We have completed several projects of this type in the nearby Counties of Raleigh and Fayette. Several medical facility jobs are ongoing in Beckley, West Virginia where SEM Architects maintained a full office for twenty three years. One of our founding partners still lives in the area and we regularly collaborate with him on projects. Several of our completed projects can be seen in the region. In addition, we have completed three medical clinic projects at The Ohio State University Medical Center.

Our approach is to involve our Clients in the design from the beginning by jointly developing a complete program-of-requirements, and subsequently throughout the design process. This enables us to better understand your needs and it allows you to be fully invested in the final design. SEM's approach will take into account your specific requirements and the need for this facility to conform to all mandatory requirements imposed on federally-assisted construction projects, as well as all applicable program standards, state codes, and local codes and ordinances. We are familiar with National Guard standards and guidelines to be met, having recently completed two new National Guard Readiness Centers in West Virginia.

While our offices are now consolidated in Westerville, Ohio; we still have ongoing projects in the southeastern West Virginia area and recent experience working with the WV National Guard.

We look forward to an opportunity to meet you to further explain our credentials and personally show you some of our completed medical projects.

Sincerely,

05/30/13 10:09:41 AM
West Virginia Purchasing Division

David S. Beeman, AIA, LEED AP BD+C

President

Cc: File



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

Solicitation

NUMBER
 DEFK13010

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 TARA LYLE
 304-558-2544

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION
 1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED
 05/22/2013

BID OPENING DATE: 05/30/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
SEE ATTACHED PAGES - TO CLARIFY BID OPENING DATE.						
END OF ADDENDUM NO. 1						
0001	1	JB		906-00-00-001		
SIOH SERVICES						
***** THIS IS THE END OF RFQ DEFK13010 ***** TOTAL:						

SIGNATURE *Paul S. Beaman* TELEPHONE 614-794-3100 DATE 5-29-13
 TITLE PRESIDENT FEIN 311005687 ADDRESS CHANGES TO BE NOTED ABOVE

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DEFK13010

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

SEM PARTNERS, INC

Company

[Signature]

Authorized Signature

5.29.13

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

SEM Partners, Inc.
(Company)

David S. Beeman
(Authorized Signature)

David S. Beeman, Pres.
(Representative Name, Title)

614-794-3100 614-794-3088
(Phone Number) (Fax Number)

5-29-13
(Date)



Education

Bachelor of Architecture, Ohio
University, Athens, Ohio

Work History

Years with SEM Architects: 37

Prior Experience: 4

Registrations

Registered Architect, Ohio
Maryland, Pennsylvania, Virginia,
West Virginia, NCARB

Leadership in Energy &
Environmental Design
(LEED), 2004

Professional Affiliations

American Institute of Architects
(AIA)

Past President – West Virginia AIA

Past Lt. Governor – District 11
Kiwanis, West Virginia

Past President – Kiwanis, Beckley
Chapter

Past Member – West Virginia Arts
Commission

Member - U.S. Green Building
Council (USGBC), Columbus
Chapter

DAVID S. BEEMAN, AIA, LEED BD+C

President / Principal-in-Charge

Relevant Project Experience

Mr. Beeman has over 40 years of professional experience in the field of architecture. Mr. Beeman has designed and developed projects in states throughout the Mid-Atlantic and the Midwestern regions of the country. Most recent work includes the development of corporate, retail, educational, and municipal work. Mr. Beeman has been responsible for managing and coordinating projects ranging in size from 1-50M dollars.

Selected Project Experience

- **Access Health Administrative Offices and IT Center, Beckley, West Virginia:** SEM Architects was the Architect of Record for a new Access Health Administrative Office Headquarters building. The understated design reflects the mountains of the region while servicing the administrative and information technology (IT) needs of multiple community health clinics and pharmacies in the area. The facility features an open courtyard that allows natural light to enter otherwise interior offices. Mr. Beeman was the Principal-in-Charge of this project.
- **Access Health Pharmacy, Beckley, West Virginia:** This project was for the development of a new Pharmacy building for Access Health on the same site as an existing Medical Office building/clinic of theirs. A substantial addition was added when the facility was more than doubled in size by SEM Architects to accommodate a new vestibule and laboratory. Both the original building and the addition feature hipped roofs were constructed with scissor trusses to create high sloped ceilings on the interior. Mr. Beeman was the Principal-in-Charge of this project.
- **Access Health Medical Office Building and Clinic Renovation, Beckley, West Virginia:** SEM Architects was the Architect for the complete renovation of the first floor of an existing 1970's Medical Office Building and Clinic. The renovation completely gutted the interior and provided a revised layout with new plumbing, electrical and lighting systems and air distribution for the entire floor. A new vestibule addition was provided with sliding power doors to facilitate wheelchair access. Mr. Beeman was the Principal-in-Charge of this project.
- **National Guard Readiness Centers, Lewisburg and Summersville, West Virginia:** The design of two new Readiness Centers for the WV National Guard. Each facility was developed as a shared use facility for the communities served, and the Summersville facility was additionally designed to accommodate trade shows and conferences. Each facility was equipped with classrooms, a gymnasium, lockerooms and other secure spaces for training. Separate entries for the public were provided to keep the military portion of the facilities secure. Mr. Cushman was the Project Architect and the construction administrator for these jobs.
- **Postle Hall Renovation, College of Dentistry, The Ohio State University, Columbus, Ohio:** Renovation and upgrades to HVAC and Lighting for Dentistry Laboratory with an area of 10,000sf. And budget of approximately \$125k. The construction schedule was critical and had to be done within Christmas break. Mr. Beeman was the Principal-in-Charge of this project.

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Education

Bachelor of Architecture,
The Ohio State University
Columbus, Ohio

Associate of Science,
Construction Technology
HVCC, Troy, New York

Work History

Years with SEM Architects: 28

Prior Experience: 9

Registrations

Registered Architect, Ohio;
NCARB

Professional Affiliations

American Institute of Architects
Constructions Specifications
Institute (CSI)

ROBERT C. CUSHMAN, AIA, CSI

Partner - Specifications Writer, Construction Administrator

Relevant Project Experience

Mr. Cushman has over 35 years of professional experience in the field of architecture. He has developed projects in states throughout the Mid-Atlantic and the Midwestern regions of the country. Most recent work includes the development of corporate, retail, educational, and municipal work. Mr. Cushman is SEM's estimator and specifications writer, and an active member of the Constructions Specifications Institute. Mr. Cushman has administered project during construction ranging from \$5-40M in size.

Selected Project Experience

- **Cowan Recreation/Fitness Center and Master Plan, Cedarville University, Cedarville, Ohio:** SEM developed a Master Plan for this expanding campus that resulted in several new buildings and additions. The Cowan Rec. and Fitness Center is an addition to the existing 54,000 so Field House resulting in an 88,000 sf complex. The facility supports track and field events, basketball, volleyball, tennis courts, and a soccer field. The new Fitness Center also offers an aerobics studio, weight room, cardiovascular training circuit areas, climbing wall, racquetball courts, and athletic training rooms. *The adjoining new Campus Health Center provides the latest exam and treatment rooms.*
- **National Guard Readiness Centers, Lewisburg and Summersville, West Virginia:** The design of two new Readiness Centers for the WV National Guard. Each facility was developed as a shared use facility for the communities served, and the Summersville facility was additionally designed to accommodate trade shows and conferences. Each facility was equipped with classrooms, a gymnasium, lockerrooms and other secure spaces for training. Separate entries for the public were provided to keep the military portion of the facilities secure. Mr. Cushman was the Project Architect and the construction administrator for these jobs.
- **Postle Hall Renovation, College of Dentistry, The Ohio State University, Columbus, Ohio:** Renovation and upgrades to HVAC and Lighting for Dentistry Laboratory with an area of 10,000sf. And budget of approximately \$125k. The construction schedule was critical and had to be done within Christmas break. Mr. Cushman was the Project Architect for this job.
- **Starling Loving Hall Renovation, The Ohio State University, Columbus, Ohio:** Renovation of the historic, 1924 modified English-Tudor Starling Loving Hall that involved decommissioning wet lab spaces, removing existing lab fixtures and a chemical fume hood. The area was renovated into offices for Doctors, Faculty and Staff as well as a Reception Area. The total area impacted was about 2,500sf and the budget was approximately \$160K. Mr. Cushman was the Project Architect for this job.
- **Morehouse Medical Plaza-Tower, The Ohio State University, Columbus, Ohio:** This project consisted of upgrades to various areas for expansion of a hematology oncology lab for an existing OSU clinic within the building. Work included new fire assembly ratings, HVAC modifications, new built-in casework, and finish upgrades needed to blend with the existing lab. Mr. Cushman was the Project Architect for this job.

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Education

Master of Architecture, 1984,
Washington University,
St. Louis, MO

BFA, Bachelor of Fine Arts,
Theatre Design 1978, The
University of Connecticut,
Storrs, CT

Work History

Years with SEM Architects: 1
Prior Experience: 27

Registrations

Registered Architect, Connecticut,
1988

Leadership in Energy &
Environmental Design
(LEED), 2002

Professional Affiliations

American Institute of Architects
The League of Historic American
Theatres
U.S. Green Building Council

LAURA G. PIERSALL, AIA, LEED BD+C

Project Architect / Manager

Relevant Project Experience

Ms. Piersall has over 25 years of professional experience in the field of architecture. Ms. Piersall has designed and developed projects for Cities and Counties in the Midwest and on the East Coast. Most recent work includes the development of performing arts facilities, educational, historical and municipal work. Ms. Piersall has been responsible for design, documentation, coordination, construction administration and project closeout on projects ranging in size from \$1 to \$33M.

Selected Project Experience

- **Access Health Pharmacy, Beckley, West Virginia:** This project was for the development of a new Pharmacy building for Access Health on the same site as an existing Medical Office building/clinic of theirs. A substantial addition was added when the facility was more than doubled in size by SEM Architects to accommodate a new vestibule and laboratory. Both the original building and the addition feature hipped roofs were constructed with scissor trusses to create high sloped ceilings on the interior. Ms. Piersall was the Project Architect on this job.
- **Access Health Medical Office Building and Clinic Renovation, Beckley, West Virginia:** SEM Architects was the Architect for the complete renovation of the first floor of an existing 1970's Medical Office Building and Clinic. The renovation completely gutted the interior and provided a revised layout with new plumbing, electrical and lighting systems and air distribution for the entire floor. A new vestibule addition was provided with sliding power doors to facilitate wheelchair access. Ms. Piersall was the Project Architect on this job.
- **Appalachian & Behavioral Health Care Facility Study*, Ohio University, Ohio:** Project Architect for a programming study to create a regional, combined Mental and Psychiatric Health Care Facility, using existing State-funded programs and locations. The new facility was programmed and planned serve the Ohio University Psychology Department faculty research and graduate student practicum needs. This study was conducted in conjunction with RVC Architects who provided local insight and assistance.
- **Townshend Hall*, The Ohio State University, Columbus, Ohio:** Project Architect and programmer for the complete renovation of a 6,000 sf area in the lower level of Townshend Hall for the Institute for Population Research (IPR) an interdepartmental research entity at OSU. Townshend Hall, located just off the Oval is one of the first agricultural buildings at The Ohio State University. The project was developed in two phases with a demolition and investigation phase first, followed by new construction. The project includes a reception area, researcher offices, graduate student space, conference rooms, and a centrally located interactive planning area.

**Project completed while with another firm*

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Education

Bachelor of Architecture,
Auburn University
Auburn, Alabama

Work History

Years with SEM Architects: 20
Prior Experience: 5

Registrations

Registered Architect, Ohio, West
Virginia, Virginia; NCARB

Professional Affiliations

American Institute of Architects

GREGORY D. ELLER, AIA

Architect / Designer

Relevant Project Experience

Mr. Eller has over 25 years of professional experience in the field of architecture. Mr. Eller has designed and developed several award-winning projects in states throughout the Mid-Atlantic and the Midwestern regions of the country. Most recent work includes the development of ecclesiastical, educational, and institutional work. Mr. Eller is an experienced programmer and an informed listener. Mr. Eller approaches each new project as a unique opportunity for creativity and fresh ideas.

Selected Project Experience

- **Cowan Recreation/Fitness Center and Master Plan, Cedarville University, Cedarville, Ohio:** SEM developed a Master Plan for this expanding campus that resulted in several new buildings and additions. The Cowan Rec. and Fitness Center is an addition to the existing 54,000 sq. ft. Field House resulting in an 88,000 sq. ft. complex. The facility supports track and field events, basketball, volleyball, tennis courts, and a soccer field. The new Fitness Center also offers an aerobics studio, weight room, cardiovascular training circuit areas, climbing wall, racquetball courts, and athletic training rooms. *The adjoining new Campus Health Center provides the latest exam and treatment rooms.*
- **National Radio Astronomy Laboratory, Green Bank, West Virginia:** This high-tech Center houses a 4,000sq. ft. Exhibition Hall that is fully shielded against radio interference. A multimedia Auditorium provides a 150-seat venue for presentations. The lower level houses exhibit workrooms and storage areas. The Education Center serves K-12 students, summer science training camps, and independent science research with housing accommodations. This Educational Center also includes a 1,000sq. ft. Skylab classroom, two general-purpose classrooms with a retractable wall, and a fully shielded computer lab, as well as support facilities. *This project won an AIA Award.*
- **Canyon Rim Visitor's Center, National Park Service, Fayetteville, West Virginia:** The Canyon Rim Visitor's Center developed for The National Park Service overlooking the New River Gorge was designed to both blend with and highlight its natural surroundings. Its organic form accents the land's natural contours, rock outcroppings, and panoramic views of the Steel Arch Bridge, New River, and Gorge below. Cantilevered exterior viewing decks are stepped and integrated with the natural cantilevered rock outcroppings below. *This project won an AIA Award.*
- **Dasco Office Renovation and New Office/Warehouse Building, Westerville, Ohio:** A historic residence provided design direction for the complex that includes a new 15,500 sq. ft. office / warehouse building and a new wood-framed multi-vehicle garage. The renovation of the farmhouse was designed as a gatehouse and guest residence facility for consultants, board members and other company visitors. The restoration work on the historic structure included cleaning and repointing the exterior masonry. Exterior pergolas were added to both sides, the site was regraded, and landscaping was added.



Education

Bachelor of Architecture
Coursework,
Columbus State University and
The Ohio State University,
Columbus, Ohio

Work History

Years with SEM Architects: 6
Prior Experience: 29

Registrations

Architectural Registration in
progress

Professional Affiliations

Associate Member of the American
Institute of Architects

DANA G. CREASEY, AIA

Intern Architect / Senior Project Coordinator

Relevant Project Experience

Mr. Creasey has over 30 years of professional experience in the field of architecture. He has developed retail, municipal, educational, commercial, and military projects in states throughout the Mid-Atlantic and the Midwestern regions of the country. Most recent work includes the development of retail, educational, and municipal work. Mr. Creasey is proficient in a wide variety of computer programs and software applications including Revit software.

Selected Project Experience

- **Postle Hall Renovation, College of Dentistry, The Ohio State University, Columbus, Ohio:** Renovation and upgrades to HVAC and Lighting for Dentistry Laboratory with an area of 10,000sf. And budget of approximately \$125k. The construction schedule was critical and had to be done within Christmas break. Mr. Creasey was the Project Coordinator for this job.
- **Starling Loving Hall Renovation, The Ohio State University, Columbus, Ohio:** Renovation of the historic, 1924 modified English-Tudor Starling Loving Hall that involved decommissioning wet lab spaces, removing existing lab fixtures and a chemical fume hood. The area was renovated into offices for Doctors, Faculty and Staff as well as a Reception Area. The total area impacted was about 2,500sf and the budget was approximately \$160K. Mr. Creasey was the Project Coordinator for this job.
- **Morehouse Medical Plaza-Tower, The Ohio State University, Columbus, Ohio:** This project consisted of upgrades to various areas for expansion of a hematology oncology lab for an existing OSU clinic within the building. Work included new fire assembly ratings, HVAC modifications, new built-in casework, and finish upgrades needed to blend with the existing lab. Mr. Creasey was the Project Coordinator for this job.
- **Access Health Administrative Offices and IT Center, Beckley, West Virginia:** SEM Architects was the Architect of Record for a new Access Health Administrative Office Headquarters building. The understated design reflects the mountains of the region while servicing the administrative and information technology (IT) needs of multiple community health clinics and pharmacies in the area. The facility features an open courtyard that allows natural light to enter otherwise interior offices. Mr. Creasey was the Project Coordinator for this job.
- **Access Health Pharmacy, Beckley, West Virginia:** This project was for the development of a new Pharmacy building for Access Health on the same site as an existing Medical Office building/clinic of theirs. A substantial addition was added when the facility was more than doubled in size by SEM Architects to accommodate a new vestibule and laboratory. Both the original building and the addition feature hipped roofs were constructed with scissor trusses to create high sloped ceilings on the interior. Mr. Creasey was the Project Coordinator for this job.
- **Access Health Medical Office Building and Clinic Renovation, Beckley, West Virginia:** SEM Architects was the Architect for the complete renovation of the first floor of an existing 1970's Medical Office Building and Clinic. The renovation completely gutted the interior and provided a revised layout with new plumbing, electrical and lighting systems and air distribution for the entire floor. A new vestibule addition was provided with sliding power doors to facilitate wheelchair access. Mr. Creasey was the Project Coordinator for this job.

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Education

Bachelor of Architecture, The Ohio State University, Columbus, Ohio

Work History

Years with SEM Architects: 50

Prior Experience: 1

Registrations

Registered Architect, Ohio, West Virginia

Professional Affiliations

American Institute of Architects (AIA)

Past President – Beckley Area Foundation

Past Lt. Governor – District 11 Kiwanis, West Virginia

Past President – Kiwanis, Beckley Chapter

Past President – New River Parkway Authority

Member – West Virginia Society of Architects

Member – Raleigh County Board of Zoning Appeals

NED B. ELLER, AIA

Founding Partner / Project Facilitator

Relevant Project Experience

Mr. Eller has over 50 years of professional experience in the field of architecture. Mr. Eller has designed and developed projects in states throughout the Midwestern regions of the country with a concentration in the States of West Virginia and Ohio. Most recent work includes the development of corporate, medical, educational, and residential work in West Virginia. Mr. Eller has been responsible for managing and coordinating projects ranging in size from 1-50M dollars.

Selected Project Experience

- **Access Health Administrative Offices and IT Center, Beckley, West Virginia:** SEM Architects was the Architect of Record for a new Access Health Administrative Office Headquarters building. The understated design reflects the mountains of the region while servicing the administrative and information technology (IT) needs of multiple community health clinics and pharmacies in the area. The facility features an open courtyard that allows natural light to enter otherwise interior offices. Mr. Eller was responsible for the design on this project.
- **Access Health Pharmacy, Beckley, West Virginia:** This project was for the development of a new Pharmacy building for Access Health on the same site as an existing Medical Office building/clinic of theirs. A substantial addition was added when the facility was more than doubled in size by SEM Architects to accommodate a new vestibule and laboratory. Both the original building and the addition feature hipped roofs were constructed with scissor trusses to create high sloped ceilings on the interior.
- **Access Health - Multiple Clinic Facilities, West Virginia:** Mr. Eller, in collaboration with SEM Architects has site planned and designed several clinic facilities for Access Health, an expanding rural health organization. The current Access Health Clinic that they are working on together is in Beckley, West Virginia and it involves a new first floor layout that is being completely renovated.
- **Hospice of Southern West Virginia Administration, Beckley, West Virginia:** Mr. Eller provided Architectural and Planning services, on a pro-bono basis, for the centralization and training of staff and volunteers, which design was subsequently implemented through a Design/Build construction program.
- **New River Family Health Clinic Master Plan and Renovation, Beckley, West Virginia:** This unique Master Plan incorporated administrative facilities for remotely located rural clinics, as well as complete renovation of the existing central offices and clinics into a more efficient and viable operating environment.
- **FMRS Mental Health Administration and Clinic, Beckley, West Virginia:** Mr. Eller has served as Principal-in-Charge of the Master Planning for incorporating an existing central facility with newly designed satellite clinics and patient residential facilities, and subsequently, as Consulting Architect for ongoing renovation and expansion projects.

LISA HUANG, PHD, PE, RCDD

Senior Electrical Engineer / Data & Telecom System Designer



EDUCATION:

PhD, Electrical Engineering, 1999
M.S., Electrical Engineering, 1993
B.S., Electrical Engineering, 1982

REGISTRATIONS:

Registered Professional Engineer
Registered Communications Distribution Designer (RCDD)



EXPERIENCE SUMMARY:

Ms. Huang has accumulated over 24 years of experience in project management, design and construction of illumination, electrical power substations, distribution systems, emergency standby power systems, telecommunications, fire alarm and security systems for various facilities including fire stations. At AEC, she is responsible for performing analysis of existing electrical systems, evaluation of alternatives, preparation of feasibility reports, construction plans, contract documents, construction administration, shop drawing review, development of punch lists, and project closeout. Her experience includes work on numerous military projects completed as part of IDIQ contracts and stand-alone Design/Build contracts. She has specific experience with the use of SPECSINTACT and the most current AT/FP design guidelines.

RELEVANT EXPERIENCE:

Soldier & Family Assistance Center (D/B) – U.S. Army, Fort Campbell, KY: Senior Electrical Engineer / Data/Telecommunications Designer for the design of a new 15,000 SF community building for social interaction and special assistance to soldiers and their families. This is the first building in a series of facilities constructed as part of a Warriors-in-Transition Complex. It includes living, training, social interaction and command operations. This new facility has administrative offices, child activity center, multi-purpose room, nourishment center, large reception area and an outdoor food pavilion.

Language Sustainment Training Facility (D/B) – U.S. Army, Fort Campbell, KY: Senior Electrical Engineer / Data/Telecommunications Designer for this Design / Build project. The Special Operations Forces (SOF) Language Sustainment Training Facility will house administrative offices, classrooms, a distance learning/language laboratory, a multi-purpose room, an oral proficiency interview room, and support spaces for the specialized language sustainment training mission of the 5th Special Forces Group. It is intended this project will obtain a LEED rating of Gold. This project has a construction cost of \$5.23 million.

New West Side Family Health & Wellness Center - City of Columbus, Columbus, OH: Senior Electrical Engineer for this new \$8.8M, 35,000 SF medical facility. AEC was responsible for MEP design for the new center which is **LEED Silver Certified**. The new facility includes office space, community room, administrative area, medical clinic, hazardous waste room, radiology, podiatry clinic, OB/GYN clinic, pediatric clinic, dental clinic, social services, vision clinic, and canteen area.

Morehouse Medical Plaza 7th / 8th Floor Renovations - The Ohio State University, Columbus, OH: Renovation of the 7th and 8th floors of Martha Morehouse Medical Facility. AEC was responsible for M/E/P/T engineering design services. The facility will have ongoing patient care while renovation work is being performed. The project team is expected to work closely with Morehouse's facility manager to minimize disruption to patient care and traffic during construction. Ms. Huang was responsible for design of electrical systems including, CATV, Wireless Access Point (WAP) system, fire alarm system, card readers, door position switches, exit pushbuttons, nurse call and monitoring systems.

Marysville Ambulatory Surgical Center - Marysville, OH: Senior Electrical Engineer for this project that involved providing mechanical, electrical, plumbing, and fire protection design and construction phase services. This new, highly-specialized 9,800 square foot facility serves as an ambulatory surgical center for the Marysville area. The building space includes three operating rooms, a recovery room, medical offices, a lobby, and waiting room.

JOSH THORNTON, PE, RCDD, LEED® AP

Electrical Engineer / Data & Telecom System Designer



EDUCATION:

B.S., Electrical Engineering, 2004

REGISTRATIONS:

Registered Professional Engineer

Registered Communications Distribution Designer (RCDD)

LEED Accredited Professional



EXPERIENCE SUMMARY:

Mr. Thornton has 8 years of experience in cost budget, project management, design, and construction of electrical power, distribution, emergency standby power systems, illumination, grounding and bonding, system coordination, and lightning protection. His experience also includes fire alarm systems, data / telecommunications, fiber and copper backbone networks, CCTV, wireless network design, security, access control for commercial, health care, residential, and industrial projects. He has in-depth knowledge of BISC, ANSI/TIA/EIA, and NEC codes and standards.

RELEVANT EXPERIENCE:

Renovation of Building 20079 - Wright Patterson Air Force Base, OH: Electrical Engineer for this D/B project that involves 35,000 SF of interior demolition, and construction of 14,000 square feet of secure laboratory space. The remaining 21,000 square feet of space will remain unfinished. The laboratory space includes HVAC, power, lighting, plumbing, fire protection and suppression systems, interior partitions, and other architectural systems. Exterior renovation includes replacement of the roof, and restoration of the parking lot.

Training Aids Support Center Renovation (D/B) – U.S. Army, Ft. Benning, GA: AEC is the engineering consultant for the Design / Build team selected to renovate the second floor of a Training Aids Support Center (TASC) at Ft. Benning, GA. The 2nd floor of the TASC includes approximately 55,000 square feet of offices, storage spaces, training areas, conference rooms and a video studio. Renovations included a complete replacement of the HVAC, Lighting, Telecommunications, Access Control, Fire Alarm, Mass Notification, and Fire Protection systems. Mr. Thornton is serving as one of the design team's Electrical Engineers.

Heated Storage / Administrative Building - U.S. Army Reserve, Coraopolis, PA: This project involved the design of a 10,500 sq. ft. heated storage building with administrative offices and sufficient unit storage capability for all the Army Reserve units that will be assigned to the T/SGT Vernon McGarity AR Center. AEC was responsible for design of the new building's HVAC systems, plumbing, mechanical systems, security systems, and electrical systems. Mr. Thornton is serving as one of the design team's Electrical Engineers and Data / Telecom System Designers.

Wright State Medical Office Building - Wright State University, Dayton, OH: Electrical Engineer for this multi-story medical facility for physicians group on Wright State University campus. Building included multiple specialty practices, large physical therapy facility, wet room therapy, x-ray imaging, and shared spaces including administration, conference rooms, and classrooms. Engineering design responsibilities included lighting, power distribution, fire alarm, and medium voltage site utilities.

Good Samaritan Western Ridge Medical Center - Cincinnati, OH: LEED certified medical facility for Good Samaritan Hospital in Western Cincinnati to provide an extension of their quality services to the west side. The building includes a full emergency department, comprehensive diagnostics and laboratory services, imaging facilities, and primary/specialist physicians' offices. The facility was also equipped with a heliport for patient transport to the main hospital. Design engineering services included power distribution, emergency generator, UPS systems, RCDD telecom, helipad lighting, interior/exterior lighting design, communications and electric site utilities design, lightning protection, and fire alarm.

NICK BOWERS, PE

Mechanical / Plumbing Engineer



EDUCATION:

B.S., Mechanical Engineering, 1993

REGISTRATIONS:

Registered Professional Engineer



EXPERIENCE SUMMARY:

Mr. Bowers has over 18 years of experience in the design and construction of HVAC systems for various projects including educational, commercial, industrial and health care facilities. He is well versed in the design of chillers, boilers, air handling units, VAV systems, hot water heating, steam distribution and rooftop units. Additionally, Mr. Bowers has been involved with many facility upgrades including boiler, chiller and air handling unit replacements for numerous owners. He has been involved with numerous projects for healthcare facilities as well as projects for military agencies including the Ohio National Guard.

RELEVANT EXPERIENCE:

Army Aviation Support Facility (AASF) #2 Boiler Replacement - Rickenbacker Air National Guard Base, OH: Mr. Bowers served as one of AEC's Mechanical Engineers for this mechanical system renovation project. AEC was responsible for preparing construction documents for the replacement of a boiler and upgrades to DDC controls. The building was built in 1988 and most of the HVAC equipment in the building is original. The design includes two boilers with new pumps designed for 100 percent redundancy. The design also includes the direct replacement of all the unit ventilators, cabinet heaters, paint booth face and by-pass damper and coil, and unit heaters.

Orthopedic Institute - Cardinal Health, Westerville, OH: Lead Mechanical Engineer for the renovation of the existing medical office space. The renovated spaces (approximately 16,000 sq.ft.) were located on two floors of an existing building. The design was to reuse existing constant volume rooftop units and convert them into VVT systems with perimeter electric heat. The design also included an MRI suite, with a dedicated cooling only unit, exhaust fan, chiller for the MRI and cryogen vent.

Orthopedic Center Expansion - Nationwide Children's Hospital, Columbus, OH: Lead Mechanical Engineer for the building addition to an existing medical office space. The additional spaces included office, patient rooms, x-ray room and a basement. The design utilized packaged room top units that were zone for building use and occupancy. An existing rooftop unit was used to handle the new interior zone.

Sports Medicine, Women's Health, and Neurological Center Renovations - Ohio Health, Columbus, OH: Lead Mechanical Engineer for the building the renovation of existing office spaces. The design utilized the existing packaged rooftop units. One part of the building fan powered boxes with electric heat were used. The other part of the building used VAV boxes with heating water reheat coils. This particular part of the building seismic design was also included. All space were properly zoned for patient comfort.

Sterilization Process Renovation - Ohio Health / Riverside Hospital, Columbus, OH: Lead Mechanical Engineer for the building renovation of the Sterilization Process Department. Design included all new steam sterilization equipment, VAV boxes and DDC control upgrades. The design took into account careful consideration to maintain current hospital needs while renovations were under way.

Bromfield Hall-Library Renovation - The Ohio State University, Mansfield, OH: AEC is part of a design team that is currently designing the renovation of a 26,000 sq.ft. library / office space. AEC is responsible for the HVAC, plumbing, electrical and technology construction documents for plumbing upgrades. Project requirements include meeting new outside air requirements, modifications to existing air handler, new DDC controls and piping renovations. Mr. Bowers is serving as the team's Sr. Mechanical Engineer.

JACK LEE, PE, FPE, LEED®AP

Senior Mechanical / Fire Protection Engineer



EDUCATION:

M.S., Mechanical Engineering, 1994

B.S., Mechanical Engineering, 1988

REGISTRATIONS:

Registered Professional Engineer

Registered Fire Protection Engineer

LEED Accredited Professional



EXPERIENCE SUMMARY:

Mr. Lee is one of AEC's Senior Mechanical / Plumbing Engineers. He has over 25 years of experience with the design of a wide variety of mechanical systems. His experience includes the design, construction, and commissioning of heating, ventilation, air conditioning, plumbing, and fire protection systems for various projects including governmental, healthcare, commercial, educational, institutional, industrial facilities. Mr. Lee has been involved with numerous design projects for aviation facilities including several LEED certified buildings. His experience includes work on projects for various military agencies including the Army and Air National Guard. He has also been involved with numerous healthcare projects.

RELEVANT EXPERIENCE:

Army Aviation Support Facility (AASF) #2 Boiler Replacement - Rickenbacker Air National Guard Base, OH: Mr. Lee served as AEC's Project Manager and Senior Mechanical Engineer for this mechanical system renovation project. AEC was responsible for preparing construction documents for the replacement of a boiler and upgrades to DDC controls. The building was built in 1988 and most the HVAC equipment in the building is original. The design includes two boilers with new pumps designed for 100 percent redundancy. The design also includes the direct replacement of all the unit ventilators, cabinet heaters, paint booth face and by-pass damper and coil, and unit heaters.

Beightler Armory HVAC Study & Replacement - Ohio Adjutant General's Department, Columbus, OH: Project Manager / Senior Mechanical Engineer for providing assessment and design services for the upgrade of the HVAC system in the Ohio National Guard's 115,204 square foot Beightler Armory Complex. The study focused on the building's 14 AHUs and the building automation system (BAS). The project resulted in the direct replacement of a portion of the AHUs with significant upgrades to the remainder of the system, including a new BAS system. AEC provided engineering design services for replacement of the AHUs. Estimated cost for the project was \$3.2M.

New West Side Family Health & Wellness Center - City of Columbus, Columbus, OH: Senior Mechanical / Plumbing Engineer for this new \$8.8M, 35,000 square foot medical facility. AEC was responsible for MEP design for the new center which is **LEED Silver** certified. The new medical center will include office space, community room, administrative area, medical clinic, hazardous waste room, radiology, podiatry clinic, OB/GYN clinic, pediatric clinic, dental clinic, social services, WIC clinic, vision clinic, and canteen area.

John R. Maloney Family Health & Wellness Center - City of Columbus Department of Health, Columbus, OH: AEC is part of a team selected to prepare construction documents for a new 2-story, 25,000 sq ft community health center. The new facility includes office space, storage rooms, community room, small kitchenette, administrative area, medical clinic, hazardous waste room, radiology, podiatry clinic, OB/GYN clinic, pediatric clinic, dental clinic, social services, WIC clinic, vision clinic, and laboratories. The new facility will be LEED Silver certified. Mr. Lee is serving as AEC's Senior Mechanical / Plumbing engineer for the project.

Pataskala Healthcare Center - Pataskala, OH: Senior Mechanical / Plumbing Engineer for the design of a new 21,936 sq. ft. two-story medical office building for the Licking Memorial Health Systems. AEC provided mechanical, electrical, plumbing, and fire protection design and construction services for this new facility. Mechanical work included design of the facility's HVAC system, fire protection systems, plumbing systems, and medical gas. Construction cost of this new facility was \$1.9M.

F. William Shirk
President
Principal Engineer

Education

Bachelor of Science in Civil Engineering
 The University of Cincinnati, 1984

Summary

Mr. Shirk, President and founder of Shirk & O'Donovan Consulting Engineers, Incorporated, has over twenty-eight years of working experience in the practice of consulting structural engineering. He serves as Principal-in-Charge and Operations Manager for the firm. Mr. Shirk possesses a diverse background in the structural design of educational, recreational, religious, retail, EMS and fire stations, health care facilities, hotels, multi-family communities, parking structures, pedestrian and light vehicular bridge structures and zoological exhibits. Mr. Shirk incorporates both administrative and technical responsibilities into daily activities, and spends over 80% of his time in direct, hands-on preparation of engineering designs and construction documents.

Mr. Shirk is licensed by state boards of registration in Alabama, Arizona, Connecticut, District of Columbia, Florida, Georgia, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Mississippi, New Hampshire, New Mexico, North Carolina, Ohio, South Carolina, South Dakota, Tennessee, Vermont, Virginia, Washington, West Virginia and Wisconsin.

Professional Affiliations

American Institute of Steel Construction, American Society of Civil Engineers, National Council of Examiners for Engineering and Surveying, National Society of Professional Engineers, Ohio Society of Professional Engineers, Structural Engineering Institute and Structural Engineers Association of Ohio

Selected Project Experience

The OSU Medical Center At Olentangy Crossings – Lewis Center, Ohio

Structural design, design development and construction documentation for a new two-story building containing 30,000 square feet with a construction cost of 4 million dollars. The building is a brick-clad steel structure with a conventional concrete slab-on-grade and conventional cast-in-place concrete foundations.

Pataskala Health Center – Pataskala, Ohio

Structural design, design development and construction documentation for a two-story medical office building containing 22,000 square feet with construction cost of 2.5 million dollars.

Southwest Health Center – Grove City, Ohio

Structural design, design development and construction documentation for a three-story medical office building containing 51,000 square feet with a construction cost of 5 million dollars.

Mercy Medical Center – Massillon, Ohio

Structural design, design development and construction documentation for a two-story medical office building containing 55,000 square feet with a construction cost of 8 million dollars.



Gregory D. Fox, ASLA, LEED AP

Vice President—Land Development

Greg Fox oversees TERRADON's Land Development Sector. Fox has been responsible for hundreds of notable commercial, educational and recreational site development projects during his 25-year career. During his time as Land Development Department Head, TERRADON has earned Engineering Excellence Awards from the West Virginia Association of Consulting Engineers, numerous Merit Awards from the American Society of Landscape Architects, and the Gold Award from the American Council of Engineering Companies.



Relevant Project Experience

West Virginia School of Osteopathic Medicine East Addition Robert C. Byrd Clinic

Responsible for site/civil construction documents for the East Addition of the Robert C. Byrd Clinic, for the West Virginia School of Osteopathic Medicine in Lewisburg, WV.

Greenbrier Valley Medical Center

Responsible for master planning through site/civil construction documents for the Greenbrier Valley Medical Center in Lewisburg, WV.

Tazwell Community Hospital

Responsible for master planning through site/civil construction documents for the East Addition of the Tazwell Community Hospital in Tazwell, Virginia.

Thomas Memorial Hospital

Responsible for site/civil construction documents for Thomas Memorial Hospital in South Charleston, WV.

Jerry Dove Medical Office Building

Provided site plan construction drawing for the Jerry Dove Medical Office Building project, which is now an out parcel to the new Clarksburg Regional Hospital in Clarksburg, WV.

Marshall University Wellness Center

Provided site survey, hardscaping, layout and design, landscape planning and design, site visits during construction and field reporting.

Cabell County EMS Stations

Performed Site Civil Engineering Services for two Cabell County EMS Stations—one on Norway Avenue and the other in Westmoreland.

Education

B.S. Landscape Architecture
West Virginia University
B.A. Geography & Planning
West Virginia University

Work Experience

2000-Present
TERRADON Corporation
1996-2000
Martin Boal Anthony &
Johnson Architects
1993-1996
Site Design
1989-1993
EG&G Inc
1988-1989
PSC Engineers

Registrations

Landscape Architect: WV, OH,
NC, SC, PA, VA
LEED AP
American Society of
Landscape Architects

National Council on
Landscape Architectural
Registration Boards

P.O. Box 5109
Nitro, WV
25143

304-755-8291
terraddon.com

TERRADON
CORPORATION

K. Davis Fennell, P.E.

Project Manager

K. Davis Fennell, PE, has more than sixteen years of Civil and Environmental Engineering experience in industry, land development, and municipal public works, including the last thirteen years as a consultant in southeastern North Carolina, servicing the public works and land development needs in both the public and private sector. His expertise includes master planning, roadway design, gravity sanitary sewer collection system design, sanitary sewer pump station and force main design, pressure sanitary sewer system design, water distribution system modeling and expansion design, storm drainage system collection and retention/detention design, storm water and erosion control design, along with permitting, construction administration, and compliance monitoring in all areas.



Relevant Project Experience

WVHEPC Advanced Technology Centers

Provided site grading, erosion and sediment control, and utility design for two West Virginia Higher Education Policy Commission Advanced Technology Centers located in Fairmont, WV and South Charleston, WV respectively.

WV K-12 Educational Facilities

Provided site civil engineering on multiple k-12 education facilities throughout West Virginia. Engineering activities include utility and drainage design, site layout, grading and design. Facilities include school additions, new school construction and athletic fields.

Beckley Veteran's Affairs Parking Garage

Site civil engineering design for a four-story parking garage located in Beckley, West Virginia. Project activities include utility and drainage design, permitting, site grading and general engineering design.

Sheetz Services Centers

Provided engineering design and construction documentation for Sheetz Service Centers in various locations throughout West Virginia. Projects consisted of site layout and design, utility design, drainage layout and design.

Putnam County Commission Engineering Design

Provided engineering support on a number of Putnam County West Virginia projects, including engineering layout and design for a new traffic flow pattern and drainage design for a Valley Park Master Planning project. Additionally, provided engineering design support for a number of public/private waterline extension projects, and school utility projects. Fennell also provides engineering design for multiple k-12 school projects in Putnam County, WV.

Education

B.S. Civil Engineering—1994
North Carolina State University

B.S. Environmental Engineering—1994
North Carolina State University

Work Experience

2011 – Present
TERRADON Corporation

2007 – 2011
Coast Line Engineering, PLLC
Owner and Sole Proprietor

1998-2007
Cape Fear Engineering, Inc.
Principal Engineer

1997-1998
McKim and Creed Engineers
Engineer in Training

1994-1997
Martin Marietta Materials, Inc.
Environmental Engineer

Affiliations

National Society of
Professional Engineers

American Society of
Civil Engineers

Registrations

P.E. : West Virginia

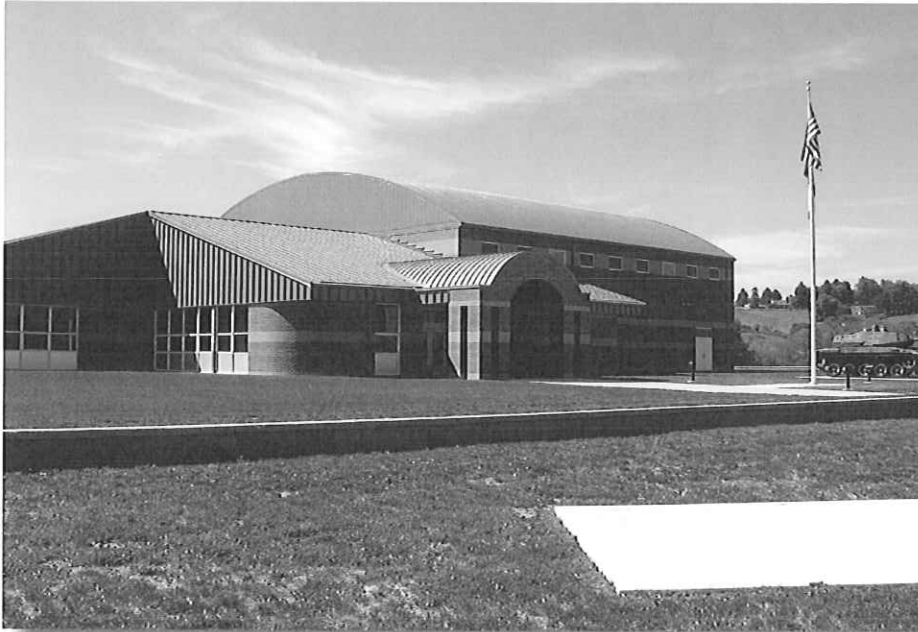
P.E. : North Carolina

P.E. : South Carolina

P.O. Box 5109
Nitro, WV
25143

304-755-8291
terraddon.com

CORPORATION
TERRADON



Readiness Centers
West Virginia National Guard
Charleston, WV

50,000 sq. ft. and
80,000 sq. ft.
\$10M and \$15M

Gymnasiums w/ Bleachers
Locker Rooms
Outdoor Training area
Exhibitor Space
Conference Areas w/
separate Public Entrances

Contact:
Daniel W. Clevenger, CPT, EN,
WVARNG Branch Chief

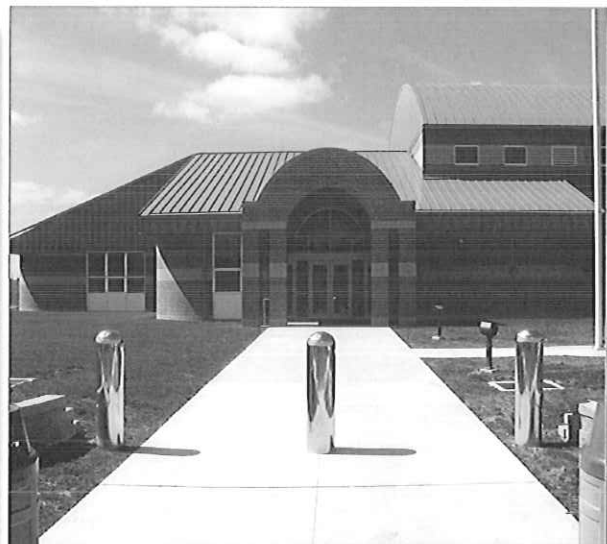
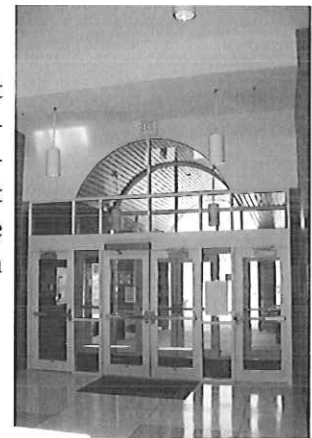
Tel: 304.561.6335
Daniel.Clevenger@us.army.
mil

Successful Project Examples

SEM Architects provided full design and construction services for two similar "Readiness Center" National Guard facilities in West Virginia.

The Summersville Center was designed as a shared use Community Facility that was large enough to accommodate conferences and trade show exhibitors. In addition to 120+ exhibitor spaces (10'x10') the Assembly Hall also featured retractable bleachers with seating for 750 people. Additional public spaces provided at the Summersville facility include: Classrooms, a Gymnasium, and Conference areas with separate entries such that the Military portions of the facility can remain secure. Roofs designed include sloped metal and EPDM flat roofs.

Contract Amounts: \$10M and \$15M
Sizes: Approx. 50,000 SF and 80,000 SF





Access Health
Medical Office Building
and Clinic Renovation
Beckley, WV

10,000 sq. ft. Facility total,
including a 5,000 sq. ft.
Lower Level Renovation

Funding with a grant from
the U.S. Dept. of Health and
Human Services

Charles Hunt, CEO
304-252-8324
chunt@accesshealthwv.com

Successful Project Examples

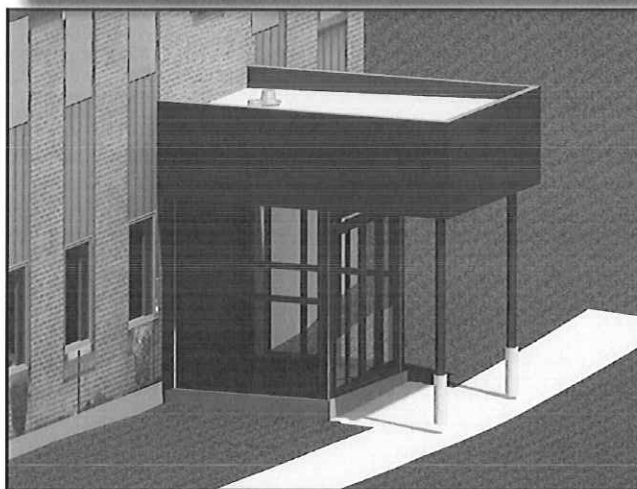
SEM Architects was the Architect of Record for the complete renovation of the first floor of an existing 1970's Access Health Medical Office Building and Clinic in Beckley, West Virginia. Also included in the project was a new accessible first floor entrance and vestibule with sliding power doors.

The renovation completely gutted the existing first floor and provided a revised layout with new plumbing, electrical systems, and air distribution for the entire floor. The new layout provides reception, waiting, exam rooms, doctor's offices and nurse's stations.

The new vestibule addition was studied and modeled utilizing 3-dimensional data and drawing software.

Interior finishes were selected for the renovation that would provide hygiene, durability, and ease of maintenance. Some of these finishes include porcelain tile, vinyl interlocked "wood" flooring, rubber stair treads, and plastic laminate casework throughout.

New lighting types and layouts were developed to enhance the floor and provide warmth. The types included several highly efficient LED fixtures.





Access Health
Pharmacy and Lab
Beckley, WV

5,000 sq. ft. Facility total,
including a 3,000 sq. ft.
Addition

Existing Pharmacy Building
New Laboratory Addition
New Entry Vestibule

Charles Hunt, CEO
304-252-8324
chunt@accesshealthwv.com

SEM Architects was the Architect of Record for a new Pharmacy Building expansion with a Lab addition in Beckley, West Virginia.

The design more than doubled the size of the original building. It used hipped roofs to blend with the existing Pharmacy and create a more expansive space on the interior. Scissor trusses were utilized to create a high sloped ceiling in the new open lab space.

The addition is nestled into a hillside and features an accessible dry crawl space that houses new mechanical equipment for the addition. This preserved the open interior and allowed the building to maintain the existing low eave line.

The addition houses a new glass enclosed vestibule and a medical lab. The lab was added to free up space in a nearby Access Health Care Clinic in order to allow for its renovation and expansion.

The exterior of the building was studied and modeled utilizing 3-dimensional data and drawing software.

Interior and exterior finishes chosen for the addition were selected to match the existing building finishes.





New Office Complex for Westerville Electric, Westerville, Ohio

11,400 sq. ft. Main Facility
5,000 sq. ft. 5-bay Loading Dock and Maintenance Building Addition

New Construction
Public Conference Room
Computer Mgmt. System

Contact:
Andrew Boatright, Mgr.
614.901.6700

The design of a new facility for the Westerville Electric Division included developing a new 11,400 sq. ft. administrative/operation center and a 5,000 sq. ft. 5-bay truck loading dock area addition to an existing maintenance building on the same site. The goal of the project was to bring many departments of this local utility company under one roof on the same site.

The main facility features residential design elements and materials to blend with the surrounding residential neighborhood. A large conference room is also provided for additional use by the community. Attractive public access areas, a spacious lobby, and a service counter allow the Division to interface with the public effectively while still maintaining security. The new operation center also provides a state-of-the-art computerized management system to better service customers.

The new loading dock addition along with an existing warehouse renovation increased inventory space and allows for more efficient delivery and shipping. With total site redevelopment, this facility was well-received and is an asset to the community.

The final design features an expansive hip-roof over a brick veneer masonry building. A columned overhang at the entrance welcomes visitors.

A front drive turn-around, white trim, residential punched window openings, porches, and a bow-dormer window at the main entrance porch are some of the residential elements used to help the building fit into the existing residential context. A landscaped front yard with seasonal blooming plantings help complete the overall impression.





Access Health
Administrative Offices
and IT Center
Beckley, WV

8,000 sq. ft. Facility
Headquarters Building
New IT Center
Interior Courtyard

Charles Hunt, CEO
304-252-8324
chunt@accesshealthwv.com

SEM Architects was the Architect of Record for a new Access Health Administrative Office Building Headquarters in Beckley, West Virginia.

The understated design reflects the mountains of the region with both hipped and pitched roofs as it services the administrative needs of multiple community health care clinics and pharmacies in the southern region of the State. From the Center electronic records are processed for both Access Health clinics and regional hospitals.

A boardroom with Wi-Fi, multiple projectors and electronically operated screens, along with teleconferencing capability, enables the Center to stay in contact with its satellites and conduct business with outside providers.

The facility houses administrative staff as well as IT staff in a new IT Center within the facility. The IT Center has its own conference/breakroom and is provided with full emergency backup.

A centrally located open courtyard separates functions and allows natural light to enter otherwise interior offices. It is landscaped for low maintenance with an Asian rock garden motif.





Dasco Equipment Headquarters Building
Westerville, OH

Adaptive Reuse of a Historic Residence into New Office Headquarters and Development of a new 15,500 sq. ft. Office / Warehouse Building

Dasco Home Medical Equipment Co.
Rachel Seeley, V.P.
800-892-4044

"The office building will be eight times bigger, but SEM Architects has matched the house perfectly"
Rachel Seeley, V.P.

Successful Project Examples

When Dasco Home Medical Equipment Company decided to consolidate seven disparate facilities and create a new headquarters, an adaptively reused 148-year old brick residence was chosen to become the centerpiece of the endeavor. The historic residence provided a design direction for the complex that includes a new 15,500 sq. ft. office / warehouse building and a new wood-framed multi-vehicle garage.

The restoration work on the historic structure included cleaning and repointing the exterior masonry. Exterior pergolas were added to both sides, the site was minimally graded, and landscaping was added.

The three-acre site included enough green space for the creation of "DASCO Park". The park will include a picnic pavilion, an area for volleyball, running/walking paths and other recreation areas.

The renovation of the farmhouse was designed as a guest house facility for consultants, board members and other company visitors, as well as an onsite conference center.



WEST SIDE FAMILY HEALTH & WELLNESS CENTER

Columbus Department of Health - Columbus, OH



The City of Columbus planned to construct a new healthcare facility to meet the Department of Health's requirements for their operational needs. The project provides the City's Department of Health a new facility that consists of a renovated former fire station and a new three-story, 35,000 square foot addition to the former fire station structure. The new facility includes office space, storage rooms, community room, small kitchenette, and men's and women's ADA restrooms, administrative area, medical clinic, hazardous waste room, radiology, podiatry clinic, OB/GYN clinic, pediatric clinic, dental clinic, social services, WIC clinic, vision clinic, and canteen area.

The building was been designed to match the existing architectural style of the area, specifically, the historic former Fire Station No. 17. With regard to the existing structure, renovations include hazardous materials abatement, complete gutting of all architectural and MEP improvements to the basic shell, and re-introduction of new systems and architectural components throughout.

AEC was responsible for providing all M/E/P/T engineering design services including electrical power distribution, HVAC, plumbing, fire protection, fire alarm, illumination, system control, technology, security monitoring systems, door access control, CCTV, fire alarm, and data/telecommunication system. Construction was completed in 2009 at a cost of approximately \$8.8M. The center is LEED Silver certified.

CONTACT:

Mr. John Hanson
City of Columbus
P: (614) 645-4822



PATASKALA HEALTHCARE CENTER

Licking Memorial Health Systems - Pataskala, OH



This project involved design of a new 21,936 sq. ft. two-story medical office building for Licking Memorial Health Systems located in Pataskala, Ohio. The new medical center houses facilities for family practice, psychiatry, women's health, and pediatrics.

AEC was subcontracted to provide mechanical, electrical, plumbing, and fire protection design and construction services for this medical office building. Electrical engineering services included design of the new facility's power distribution, emergency power system, lighting, data/telecom, and nurse call and fire alarm system. Mechanical work included design of the facility's HVAC system, fire protection systems, plumbing systems, and medical gas. Construction of this new \$1.9M facility was completed in 2005.

CONTACT:

Mr. Douglas Haughn
Licking Memorial Health Systems
P: (614) 899-4830



SOLDIER & FAMILY ASSISTANCE CENTER

U.S. Army – Ft. Campbell, KY



AEC was part of a Design / Build team that was selected to design and construct the first Soldier & Family Assistance Center in the United States. This project was undertaken as part of a Department of Defense national program to provide family services to soldiers in career transition. This new 16,200 square foot one-story facility is the initial building of a comprehensive master plan for a new Warriors-in-Transition Complex at Ft. Campbell, Kentucky.

The building includes a number of spaces designed to meet the needs of soldiers and their families. Spaces in the new building include a large gathering / lounge space as the central social interaction area for soldiers and their families; a large multi-purpose room; offices for financial, medical, social & family counseling services, public computer rooms, dining area, and short term children's day care services for Army soldiers and their families. Site development includes planning for integration of future Warrior in Transition buildings identified in the overall site Master Plan. AEC was responsible for providing all necessary mechanical, electrical, plumbing, and technology engineering design services for the project. Relevant issues associated with the design of this project included the use of BIM software, SPECSINTACT, DrChecks, Sustainable Design, AT/FP guidelines, and the use of USACE Louisville District Design Guide.

Construction cost for the facility is approximately \$6.5M. The Design/Build team (led by Better Built Construction) received an overall "**Outstanding**" performance evaluation for our work on this project.

CONTACT:

Mr. David Yankee
U.S. Army Corps of Engineers, Louisville District
P: (502) 315-6277



SECURITY FORCES COMPOUND

U.S. Air Force – Wright Patterson Air Force Base, OH



Advanced Engineering Consultants, Ltd. was awarded a 3-year, \$3M ID/IQ contract for providing architectural and engineering services primarily for BRAC projects at Wright Patterson AFB, Ohio. A/E services included in this contract consist of complete designs, concept level designs, development of Design/Build requests for proposal, BIM data development, Title II construction phase services, and other related services.

One task order issued to the AEC team involved preparation of a Design / Build Request for Proposals (RFP) for a new security forces facility at Wright Patterson AFB. This \$14-million, 52,000 SF facility was designed to allow for the consolidation of security forces into a centralized location.. It houses a Battle Staff Room, Confinement Facility, Guard Mount Room, Armory, Weapons & Cleaning Room, Issue/Turn-in Room, Administrative Offices, Investigations Department, Training Department to include classrooms & Library, Quality Control Department, Computer Administrations Department, Mobility Supply Department, Alarm Monitoring Room, Interview/Interrogation rooms, Firearms Training Systems (FATS) or Simulator, Breathalyzer Room and Video Conference Room. In addition, this project included a general purpose warehouse for storage of security forces personnel gear, mobility bags, equipment, and other support items.

The headquarters facility establishes a strong formal presence at the base's main entrance. Essential field operations spaces, including the armory and locker rooms, are located adjacent to parking to allow for rapid deployment. In order to create the visual of two anchors framing a main courtyard, the office tower mirrors the entry tower of the adjacent building. The architectural language of the headquarters building articulates the cohesiveness with the existing buildings, creating a coherent complex. The project included complex phasing to allow the Combined Arms Training Facility to remain operational during construction.

This project received an AFMC Award of Merit for Concept Design and USAF Design Awards Program Citation Award.



CONTACT:

Mr. Steve Skaggs, P.E.
U.S. Army Corps of Engineers, Louisville District
P: (502) 315-6368



NATIONAL GUARD ARMORY RENOVATIONS

Ohio Adjutant General's Department – Various Locations, Statewide, OH



Over the past several years, Advanced Engineering Consultants, Ltd. (AEC) has been retained by the Ohio Adjutant General's Office to provide engineering design and construction administration services for a variety of renovations to Ohio Army National Guard armories at sites located throughout Ohio. Such renovations generally include upgrade of existing electrical and HVAC systems. Several representative projects completed by AEC include:

- **Army Aviation Support Facility (AASF) #2 Boiler Replacement, Rickenbacker Air National Guard Base, OH** - AEC prepared construction documents for the replacement of a boiler and upgrades to DDC controls. The building was built in 1988 and most the HVAC equipment in the building is original. The design includes two boilers with new pumps designed for 100 percent redundancy. The design also includes the direct replacement of all the unit ventilators, cabinet heaters, paint booth face and by-pass damper and coil, and unit heaters.
- **Kitchen Renovations; Brook Park Ohio National Guard Armory** – AEC was retained to provide design services for various renovations including kitchen improvements at their Brook Park armory. The 20,000 square foot facility is home of the 112th Engineer Battalion, 135th Military Police. Work included the removal and replacement of plumbing fixtures, piping and equipment, providing new water distribution system and new softener, remodeling of the kitchen, providing new dishwashing machine, oven, fire suppression system for kitchen hood, make-up air unit, and exhaust system.
- **Various Electrical Upgrades; Dover, Middletown, Norwalk, and Wooster Ohio National Guard Armories** - AEC was retained to prepare construction documents and to provide construction administration services for various electrical upgrades at these armories. Upgrades included replacement of lighting to provide more efficient solutions. Lighting was also added to ensure that life safety requirements are met. New panels were added to replace out-of-date hardware and receptacles were added to various areas for improved convenience. New standby generators were also added to backup most of the building's power & lighting.
- **Kitchen and Plumbing Improvements; Alliance, Greenville, and Lorain Ohio National Guard Armories** – A contract was issued to AEC to provide MEP engineering services for various kitchen improvements at three National Guard Armories. The design included removal and replacement of plumbing fixtures, piping and equipment, fire suppression system for kitchen hood, make-up air unit, and exhaust system.
- **Roof and Masonry Repairs – Sandusky National Guard Armory** - AEC provided architectural and engineering services for various renovations to this Ohio National Guard Armory. Repairs included roof upgrades and exterior masonry repairs. Services included inspections, analysis, reports, surveying and recommendations for, working drawings, specifications, cost estimates, project meetings, and construction inspections.



"On these projects Advanced Engineering Consultants has responded to our needs on very short notice. They provided whatever assistance we requested. Their firm was very prompt with providing drawings and project documents and paid very close attention to our needs. AEC followed through on their commitment to monitor all of the projects, as well as complete them and furnish us with all proper closeout documents."

James Penn – Ohio Adjutant General's Office
(Excerpt for letter of recommendation)

CONTACT:

Mr. James Penn
Ohio Adjutant General's Department
P: (614) 336-7307

Medical Office Buildings

Signet Healthcare Health Center Medina, Ohio

Three-story 88,500 SF structural steel frame with braced frames of steel construction.
Construction cost: \$12,800,000

New Albany Surgical Center New Albany, Ohio

Three-story 62,000 SF structural steel frame with reinforced masonry shear walls.
Construction cost: \$9,500,000

Mercy Medical Center Massillon, Ohio

Two-story 55,000 SF structural steel frame with reinforced masonry shear walls.
Construction cost: \$8,000,000

Pataskala Health Center Pataskala, Ohio

Two-story 22,000 SF structural steel facility.
Construction cost: \$2,500,000

Southwest Health Center Grove City, Ohio

Three-story 51,000 SF structural steel frame with reinforced masonry shear walls.
Construction cost: \$5,000,000

Southern Ohio Medical Center - Oncology Center Portsmouth, Ohio

Two-story 36,000 SF structural steel and reinforced concrete facility.
Construction cost: \$5,000,000

OSU Medical Center Lewis Center, Ohio

Two-story 30,000 SF structural steel facility.
Construction cost: \$3,500,000
Construction cost: \$1,500,000



New Albany Surgical Center



Pataskala Health Center



Southwest Health Center



*Southern Ohio Medical
Oncology Center*



*OSU Medical Center
Lewis Center*



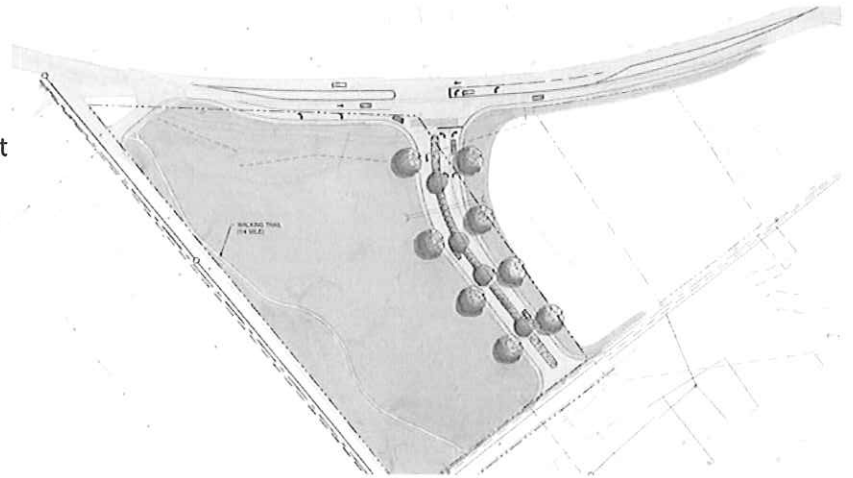
RELEVANT PROJECT EXAMPLES

West Virginia School of Osteopathic Medicine East Addition Robert C. Byrd Clinic

TERRADON Corporation was responsible for site/civil construction documents for the East Addition of the Robert C. Byrd Clinic, for the West Virginia School of Osteopathic Medicine in Lewisburg.

TERRADON SERVICES PROVIDED

- Civil Engineering
- Surveying and Mapping
- Land Development



*West Virginia School of Osteopathic Medicine
Lewisburg, West Virginia
December 5, 2012*

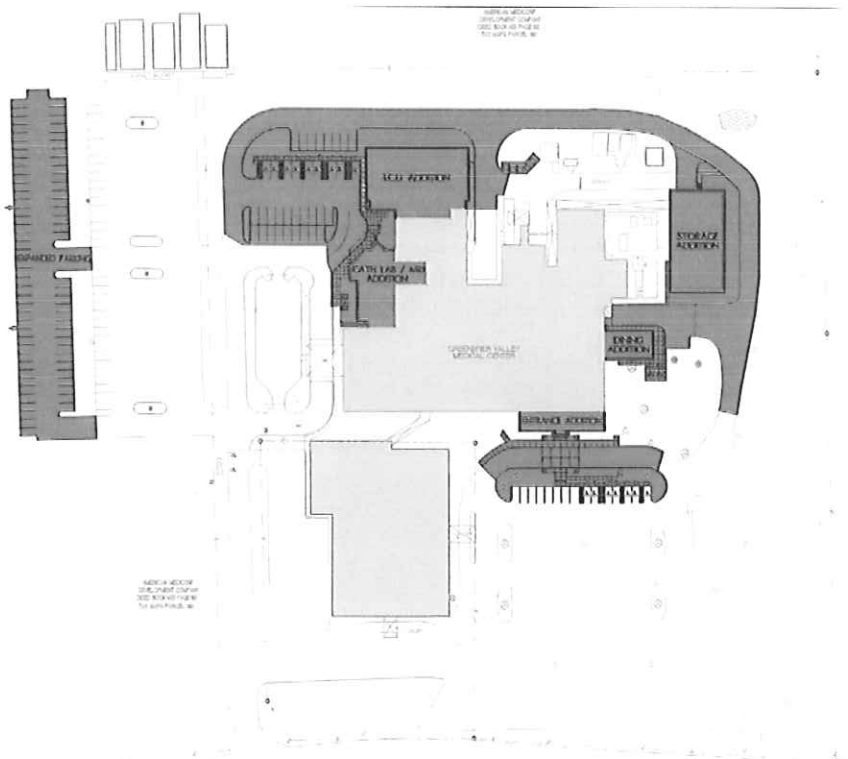


Greenbrier Valley Medical Center

TERRADON Corporation was responsible for master planning through site/civil construction documents for the Greenbrier Valley Medical Center in Lewisburg, WV.

TERRADON SERVICES PROVIDED

- Civil Engineering
- Surveying and Mapping
- Land Development



RELEVANT PROJECT EXAMPLES

Tazwell Community Hospital

TERRADON Corporation was responsible for master planning through site/civil construction documents for the East Addition of the Tazwell Community Hospital in Tazwell, Virginia.

TERRADON SERVICES PROVIDED

- Civil Engineering
- Surveying and Mapping
- Land Development



TAZEWELL COMMUNITY HOSPITAL

TAZEWELL, VIRGINIA

LONG TERM SCHEMATIC MASTER PLAN

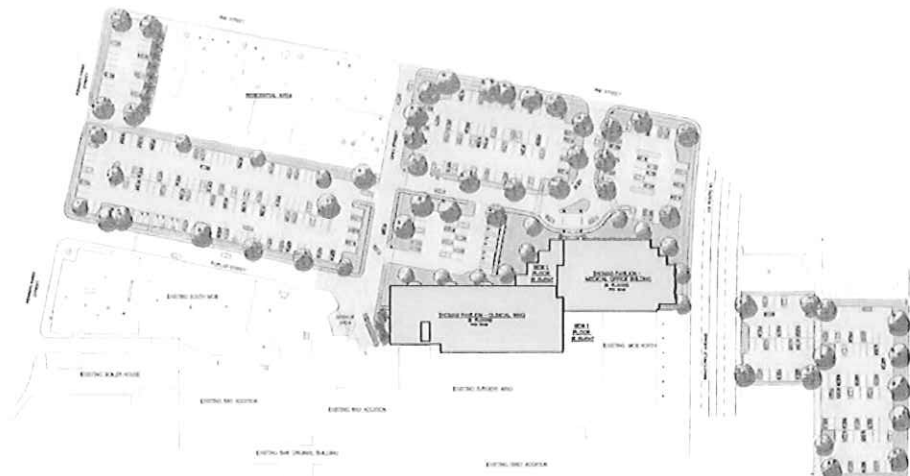


Thomas Memorial Hospital

TERRADON Corporation was responsible for site/civil construction documents for Thomas Memorial Hospital in South Charleston, WV.

TERRADON SERVICES PROVIDED

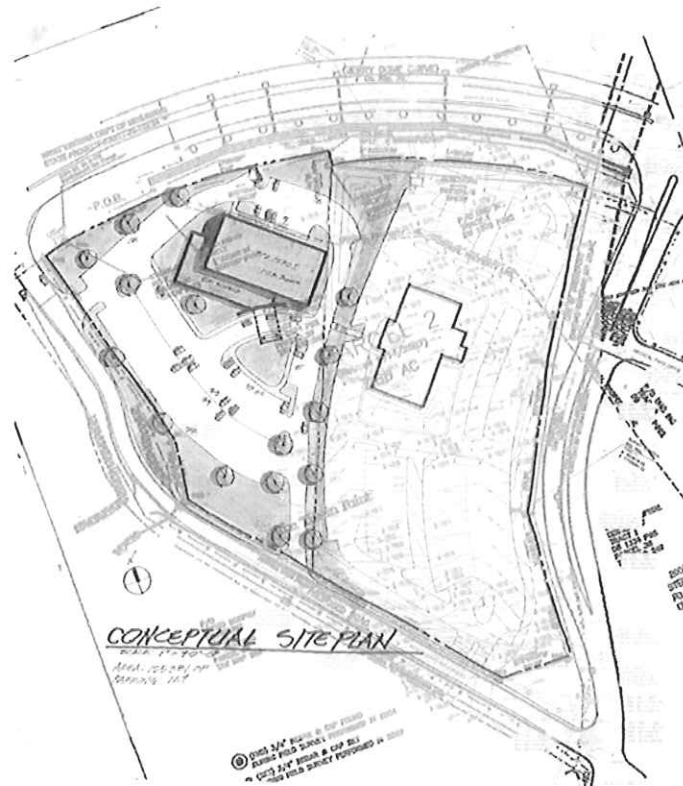
- Civil Engineering
- Surveying and Mapping
- Land Development



RELEVANT PROJECT EXAMPLES

Jerry Dove Medical Office Building

TERRADON provided site plan construction drawing for the Jerry Dove Medical Office Building project, which is now an out parcel to the new Clarksburg Regional Hospital in Clarksburg, WV.



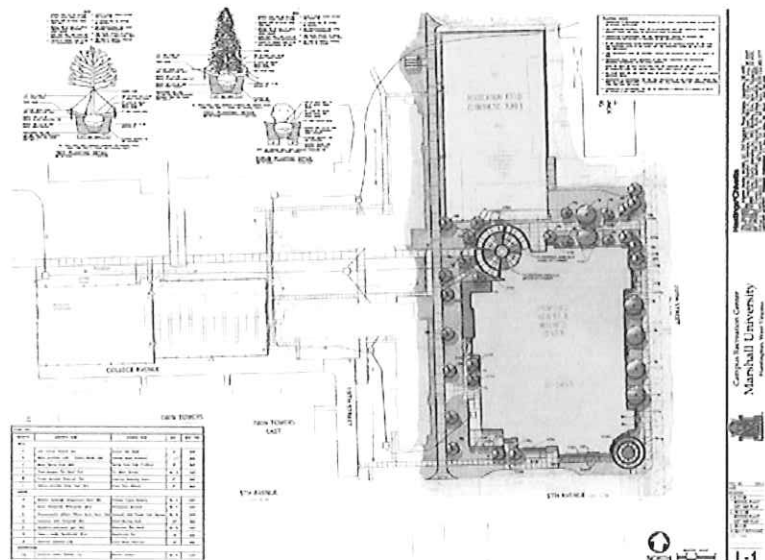
RELEVANT PROJECT EXAMPLES

Marshall University Wellness Center

TERRADON Corporation provided land development services for the Marshall University Wellness Center project located at 5th Avenue and 20th Street on the Huntington, WV campus. The facilities and grounds of this area have become a focal point for the University based on their location of the high traffic intersection, as well as their proximity to the University Football Stadium.



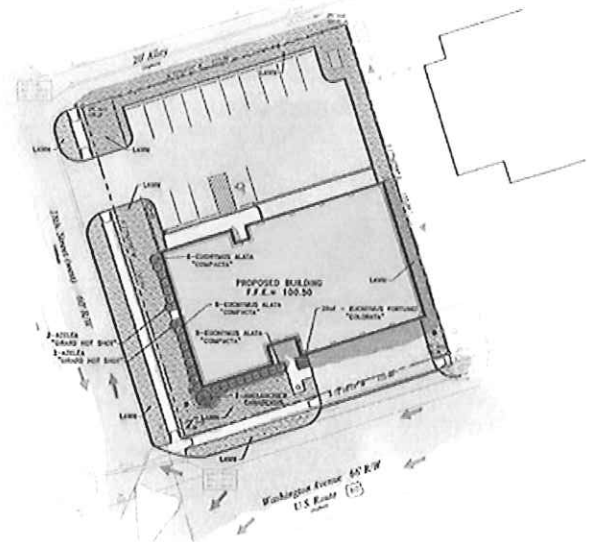
For the wellness center project, TERRADON provided site survey, hard-scaping, layout and design, landscape planning and design, site visits during construction and field reporting. Additionally, TERRADON provided land development services on the Parking Garage and Community and Technical College for Marshall, as well as additional ADA compliancy designs on other campus facilities.



Cabell County EMS Stations

TERRADON Corporation performed Site Civil Engineering Services for two Cabell County EMS Stations—one on Norway Avenue and the other in Westmoreland. TERRADON'S services included site civil engineering design for the following:

- Layout
- Grading
- Drainage
- Utilities
- Erosion and sediment control

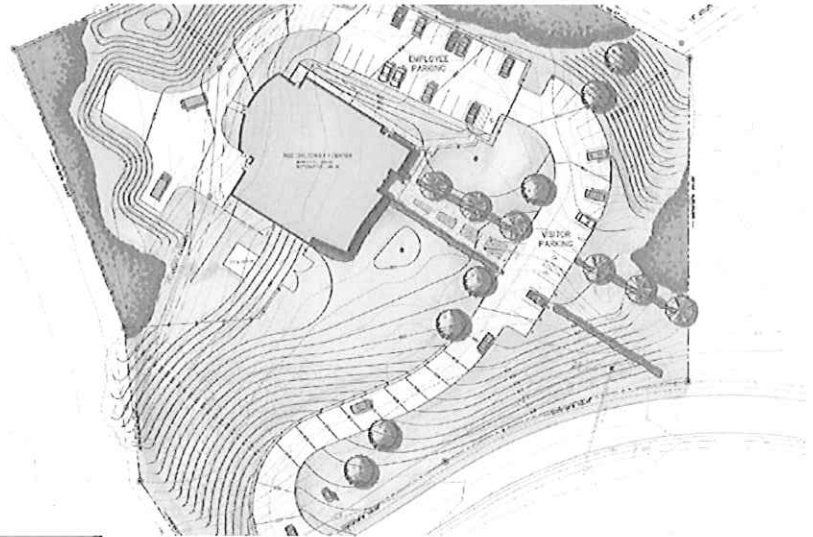


RELEVANT PROJECT EXAMPLES

Kanawha County Metro 911 Call Center

TERRADON Corporation provided site civil engineering design for the Kanawha County Commission 911 Call Center. TERRADON services included:

- Design and Boundary Survey
- Full Site Engineering Drawings
- Layout
- Grading
- Drainage and Erosion Control



TERRADON performed engineering services as a subconsultant to the architect. TERRADON engineers considering site layout options in order to maximize land use while minimizing earthwork and utility installations, resulting in an end savings to the owner. TERRADON also designed parking, access, landscapes and hardscapes for the project.

The Kanawha County Metro 911 Center is a central emergency hub who coordinates with 47 other agencies in emergency situations.

Lincoln County 911 Call Center

TERRADON Corporation provided site civil engineering design for the Lincoln County Commission for the Lincoln County 911 Call Center.

TERRADON services included:

- Design and Boundary Survey
- Full Site Engineering Drawings
- Layout
- Grading
- Drainage and Erosion Control



TERRADON performed engineering services as a subconsultant to the architect. TERRADON engineers considering site layout options in order to maximize land use while minimizing earthwork and utility installations. TERRADON provided landscape and hardscape design as well.



Facilities Operations and Development

Design and Construction
400 Central Classroom Building
2009 Millikin Road
Columbus, OH 43210

Phone (614) 292-4458
Fax (614) 292-2539
<http://fod.osu.edu>

April 5, 2012

To Whom it May Concern:

I am pleased to write a letter of recommendation for SEM Partners Inc. for the architectural services they provided The Ohio State University.

Since 2009, SEM has completed 3 projects at OSU which I managed. Work has included interior renovations of Lab and Office spaces. The services of SEM were provided in a professional manner, and delivered within the time restraints given. SEM was very attentive to the OSU requirements, the project budget, and construction schedule, which resulted quality projects, delivered on time and under budget.

I intend to continue our relationship with SEM on future projects. Please feel free to call me directly if you would like additional information regarding SEM's performance at OSU.

Sincerely

A handwritten signature in black ink, appearing to read "M. Dollery", written over a large, stylized flourish.

Mitch Dollery
OSU Project Manager
614-292-6817

Grace

5/26/2012

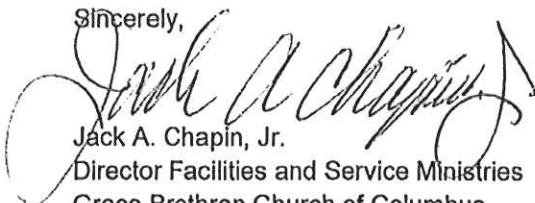
Re: Professional Design Service, reference/recommendation

To Whom It May Concern,

It is with confidence that I can recommend SEM Architects for professional design services. SEM provided a \$30M comprehensive Master Plan and programming for Grace Brethren Church in 2004. The Master Plan consisted of planning for both new and renovated school and worship facilities at Grace Brethren's central site. When fully realized, the site will accommodate the Worship Center, a new Preschool, and 900 6-12th grade students in new Middle and High School facilities. The Master Plan proposed that the new Early Childhood Center be constructed immediately along with some necessary site and infrastructure improvements. That facility, completed in 2009, has garnered awards and has been heralded by many as the best facility of its kind in the Central Ohio Region. In addition to the new buildings in the Master Plan, renovation plan concepts were developed for the existing auditorium that included the insertion of new stadium-style seating within the existing building footprint.

Any organization which chooses SEM as their architect can expect the work to be creative, professional and complete. Our projects proved that they provide a personal touch backed by many years of design experience. Successful projects always include that experience plus the ability of the architect to listen and respond to the Owner's needs. Many will claim to you that they listen, but the proof is whether the architect can set their ego aside and respond by identifying with the needs of the building owner. SEM is such a Firm in my experience. They have been a solid Team member since 1970 when they designed our worship space and classroom addition located at our original site (presently our South Campus Administrative Center). They have proven again to be so during our most recent project in 2007-2009. They have made the projects a joy. I highly recommend them to anyone in search of a successful experience from design through project completion and occupancy.

Sincerely,



Jack A. Chapin, Jr.
Director Facilities and Service Ministries
Grace Brethren Church of Columbus
614.888.7733 office
614.554.0539 cellular



Renewal

NAMED INSURED
SEM PARTNERS INC

Businessowners Policy

POLICY NO.
BOP1917266

POLICY TERM
06/07/2012 to 06/07/2013

Page 1 of 1

AGENT NO.
0340816

INSURER: FRANKENMUTH MUTUAL INSURANCE COMPANY

Liability Coverage

Limits of Insurance

COVERAGE	LIMIT
General Aggregate Limit (Other than Products - Completed Operations)	\$2,000,000
Products - Completed Operations Aggregate Limit	\$2,000,000
Each Occurrence Limit	\$1,000,000
Personal and Advertising Injury Limit	\$1,000,000
Medical Expense Limit, any one person	\$5,000
Fire Damage Limit, any one fire	\$500,000

Optional Liability Coverages

PREMISES	DESCRIPTION AND DETAILS OF COVERAGE	LIMIT	PREMIUM
ALL	Ohio Stopgap Broad Coverage	See Form 09877	\$113
ALL	Employee Benefit Liability	See Form 91039	\$225
ALL	Additional Interest	See Form BP0450	\$25
ALL	Commercial Liability Plus	See Form 09876	\$0
	Additional Insured Broad Form Vendors Amendment of General Aggregate Borrowed Equipment - Property Damage Duties in the Event of Occurrence, Claim or Suit		
	Fire, Lightning or Explosion Damage	\$500,000	
	Health Care Services		
	Medical Payments	\$10,000	
	Mobile Equipment		
	Non-Owned Watercraft		
	Product Recall	\$50,000	
	Supplementary Payments		
	Bail Bonds	\$2,500	
	Loss of Earnings	\$500 per day	
	Transfer of Rights of Recovery Against Others To Us		
	Voluntary Property Damage	\$5,000 per occurrence/ \$10,000 aggregate	
	Water Damage Legal Liability	\$50,000	
1	Additional Interest	See Form BP0402	\$25
1	Building or Premises Lessors Risk	See Liability Schedule	\$186
2	Additional Interest	See Form BP0402	\$25
3	Additional Interest	See Form BP0402	\$25



Renewal
 NAMED INSURED
 SEM PARTNERS INC

Business Auto Policy

POLICY NO.
 BA 1917266

POLICY TERM
 06/07/2012 to 06/07/2013

Page 1 of 3
 AGENT NO.
0340816

NAMED INSURED - ITEM ONE
 SEM PARTNERS INC
 STATE & WALNUT LTD
 167 S STATE ST
 WESTERVILLE, OH 43081

RENEWAL
Declaration

Previous Policy No. BA 1917266
 POLICY NO. ISSUE DATE
 BA 1917266 05/09/2012

BILLING ACCOUNT NO.
 1917266000

YOUR AGENCY IS:
INSURANCE UNLIMITED AGCY., INC
 63 COMMERCE PARK DR.
 WESTERVILLE, OH 43082

FORM OF BUSINESS
 CORPORATIONS

POLICY TERM
 06/07/2012 to 06/07/2013 12:01 A.M.

Attach this document
 to your policy

Phone (614)882-2335 Agent No. 0340816-00

INSURER: FRANKENMUTH MUTUAL INSURANCE COMPANY

Item Two

Schedule of Coverages and Covered Autos

This policy provides coverages only where a charge is shown in the premium column below. Each of these coverages applies only to those "autos" shown as covered "autos". "Autos" are shown as a covered "auto" for a particular coverage by the entry of one or more of the number symbols from the Covered "Auto" Section of the Business "Auto" Coverage Form next to the name of the coverage.

*Hired
 & owned
 Automobile
 Cov.*

COVERAGES	COVERED AUTOS	LIMIT - THE MOST WE WILL PAY FOR ANY ONE ACCIDENT OR LOSS	PREMIUM
Liability	08,09	\$1,000,000	\$168.00
Physical Damage (Comprehensive)	08	Actual Cash Value or cost of repair, whichever is less, minus deductible for each covered "auto" shown in Item Three, but no deductible applies to loss caused by fire or lightning. See Item Four for hired or borrowed "autos."	\$30.00
Physical Damage (Collision)	08	Actual Cash Value or cost of repair, whichever is less, minus deductible for each covered "auto" shown in Item Three. See Item Four for hired or borrowed "autos".	\$30.00
Total Policy Premium			\$228.00

We will not pay for loss under physical damage coverage to any radar detection device or equipment.

Billing Information

Your policy is billed on a monthly basis. A statement of account or payment schedule will be mailed to you shortly.

SEM Architects has provided professional design services from Central Ohio to educational clients across the Midwest and the Southeast. They have designed hundreds of completed projects valued at nearly one billion dollars. Much of their experience relates to design of projects for the public, including, medical buildings/clinics, educational facilities, recreational/cultural facilities and multifamily housing. In addition, they have worked with Public Sector clients at every level of government. SEM Architects has provided services for new facilities as well as renovation, restoration and additions. On some projects demolition has had to occur in advance of new construction.

SEM Architects maintained a medium-sized office in Beckley for 23-years and has consistently served medical, cultural, educational, and corporate clients in the region including; Access Health, Lewis Nissan, L&S Toyota, The Beckley-Raleigh County Convention Center, Raleigh County Schools, and the Youth Museum of Southern West Virginia. They also have experience working with State and Federal institutions on projects in the region including; The West Virginia Department of Culture and History and The National Park Service. While that office was closed in 2004, we still have a Partner presence in Ghent, West Virginia and we continue to service clients in the region. Currently, we have one new building project under construction in Beckley and a renovation project about to start up.

Members of the Team assembled for this project are highly qualified in their individual areas of specialization. The Project Manager and the Designer assigned to the project each have over 25 years of experience in project administration and design. SEM's President and their Construction Administrator and Specification Writer are both Principals with over 35 years of experience running complex building projects. Additionally, SEM's Project Coordinator and Detailer has over 30 years of experience. SEM Architects also benefits from the contributions of Architectural Interns that participate based on SEM's workload and their availability. With decades of combined direct experience, SEM is highly competent in Building Envelope Performance and Detailing, Roof Design, Specification Writing, and Construction Administration.

Most of the proposed SEM Design Team has worked together on various projects and each member of the Team is deeply valued. SEM believes that they have selected some of the most qualified consultants available for a project of this type. SEM Architects selects consultants based on their project understanding, building type familiarity, and their overall experience and reputation. Those included on this Team are specifically well-versed in medical facility and office building design.

Team and Team Collaboration:

The Team for this project consists of SEM Architects, Advanced Engineering Consultants (AEC) out of Columbus, Ohio (for mechanical, electrical, plumbing, and technology), Terradon Corporation out of Poca, West Virginia (for any civil engineering), and Shirk & O'Donovan out of Worthington, Ohio (for structural engineering). SEM has worked with AEC on a number of medical school projects at the Ohio State University. SEM Architects consistently teams with these same Consultants on a variety of projects and each Consultant has a number of successful medical and office building projects of their own.

Advanced Engineering Consultants:

Advanced Engineering Consultants (AEC) is a uniquely qualified EDGE-certified small business. AEC was founded in Columbus, Ohio in 1998 and has since grown into a prominent consulting firm specializing in mechanical, electrical, plumbing, fire protection, and technology engineering design services. For more than 14 years, AEC has been committed to serving various universities throughout Ohio including The Ohio State University, Ohio University, Miami University, University of Cincinnati, and the University of Toledo. In addition they have an impressive track record and strong working relationship with various state agencies including, but not limited to: Ohio Department of Administrative Services, Ohio Department of Transportation, Ohio Department of Natural Resources, and the Ohio Department of Rehabilitation and Correction.

SEM Architects has worked with AEC on a total of five projects including the Morehouse Medical Plaza Tower Renovation at The Ohio State University, the new Champion Middle School for Columbus City Schools, and most recently three renovation projects for the Ohio Department of Transportation (ODOT), including an electrical switchgear addition/renovation at an ODOT hanger, an elevator replacement project, and a new office and storage mezzanine structure and design in an existing high-bay space.

TERRADON Corporation:

TERRADON Corporation offers a multi-faceted approach to design engineering and consulting services. For more than 20 years TERRADON staff has provided a wealth of engineering services in West Virginia and the greater Appalachian region. The company built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today. Terradon's staff includes engineers, landscape architects, surveyors, planners, environmental scientists, designers, technicians and LEED Accredited Professionals.

TERRADON Corporation has built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today. The company maintains more than 75 leading-edge staff in three locations: Nitro/Poca, WV; Lewisburg, WV; and Columbus, Ohio. TERRADON'S seven departments work cohesively to provide turn-key solutions that strive to exceed client expectations.

TERRADON is particularly suited to design engineering within the mountainous areas of West Virginia and the Appalachian Region. The firm has been recognized through numerous awards from professional organizations and agencies including the West Virginia Division of Highways, Department of Environmental Protection and the West Virginia Chapter of American Institute of Architects. Terradon's service offerings included: Land Planning & Site Design, Surveying & Mapping, Civil Engineering, Geotechnical Investigations, Materials Testing & Construction Monitoring, Environmental, Roadway & Bridge Design, and Energy Services.

Shirk & O'Donovan Consulting Engineers:

Shirk & O'Donovan Consulting Engineers, Incorporated offers a full range of professional consulting structural engineering services from schematic design through construction administration. The firm was founded in 1989 with a vision of unparalleled service as a provider of structural engineering design services. Today that goal still commands the primary attention for the full extent of the client base, without regard to the size of the project or the size of the client.

The company provides cost-effective engineering solutions for a wide range of projects. Professional services offered include complete preparation of structural construction drawings, specification writing, cost estimating and value engineering for both new construction, the rehabilitation of existing facilities and construction administration. We believe common solutions will not fit all projects, and therefore our licensed engineers provide innovative designs tailored to each specific project. The staff is committed to a team approach to your project. We review and coordinate the work of the entire design team, including the work of the architect and mechanical, electrical and civil engineers.

Location:

SEM Architects offices are now consolidated in Westerville, Ohio (near Columbus). Their semi-retired West Virginia Partner, Mr. Ned Eller, is located in Ghent, West Virginia. SEM Architects collaborates on many West Virginia projects with him, most recently buildings for Access Health. With regular visits to West Virginia for projects that are in design or under construction; we do not foresee difficulties servicing the WV Army National Guard located in Charleston, West Virginia for onsite field verification, clinic programming, review meetings, bidding and construction administration.

Size:

SEM Architect has a total of five licensed architects, all of whom are assigned to this project with distinct roles, responsibilities per their resumes. They are supported by Architectural Interns and Administrative personnel as needed.

Current Workload:

The staff at SEM Architects is available to start on WV Army National Guard project immediately for programming, design and field verification purposes.

Primary A/E Qualifications:

David Beeman, AIA, LEED AP BD+C, the managing Principal at SEM Architects will oversee the Project and negotiate contracts for the Project. Client-focused and still very much hands-on with projects, and Mr. Beeman takes pride in seeing that projects are well thought-out and properly detailed.

Ned Eller, AIA, is a semi-retired Partner based out of Ghent West Virginia. A highly capable programmer and designer, Mr. Eller continues to support a variety of clients and projects. SEM's most recent collaboration with Mr. Eller is for L&S Toyota in Beckley, West Virginia, a major building expansion and new façade for this growing dealership.

Laura Piersall, AIA, LEED AP BD+C, the Project Manager assigned to the Project has led and managed projects ranging in size from \$1M – \$30 M in size. She has worked on most of the Access Health projects in West Virginia and is experienced working with the Engineering Consultants.

Greg Eller, AIA, the Project Designer is well-respected for his design talent, and well-liked by clients for his listening skills and ability to translate a client's needs and aspirations into a buildable interpretation of their program and vision. He has been responsible for economical projects of different types that have also been recognized as notable and award-winning, many of which are in West Virginia, including: the Astronomy Visitor and Education Center in Green Bank, West Virginia, and the Canyon Rim Visitor Center in Fayetteville, West Virginia.

Dana Creasey AIA, the Project Coordinator is an ARE candidate and a seasoned veteran in the industry having worked for a significant number of sizeable architectural, and A/E firms in the Columbus, Ohio area. His skills include his communication ability with consultants and his computer abilities. Mr. Creasey is architecturally trained on Microstation, AutoCAD, and Revit platforms and he has the ability to move back and forth between software programs with ease.

Bob Cushman, AIA, CSI, the Specification and Construction Administrator assigned to the Project is also a Partner at SEM Architects. He is well known for his ability to gain both respect and cooperation from Contractors for both new construction and complex renovation projects. An experienced professional, Bob is well-versed in medical projects and concerns. SEM Architects' clients are confident knowing that Mr. Cushman will be reviewing the details and overseeing the project during construction.

Budget and Schedule Management:

SEM can point to many more than 100 projects where they have successfully completed project within the originally specified budget and schedule. Some of these project examples are as follows:

- | | | |
|---|------------------|---------------------|
| • Harless Community Recreation Center | Bid \$6,850,000. | Final \$7,000,000. |
| • Washington Township Recreation Center | Bid \$5,500,000. | Final \$5,550,000. |
| • Champion Middle School | Bid \$9,800,000, | Final \$10,000,000. |
| • Westerville Electric Office Complex | Bid \$2,053,000. | Final \$2,135,921. |
| • Dasco Office Renovation and Warehouse | GMP \$2,000,000. | Final \$2,000,000. |

In addition, all of the above-mentioned projects were completed with minor change order percentages and on schedule.

Experience with Similar Project Type:

Many of SEM Architects projects over the years have included small medical offices or clinics, and often freestanding buildings. Recent projects include three separate buildings for Access Health in Beckley, West Virginia, a new office complex for Westerville Electric, and a new Corporate Headquarters building for Dasco, a medical equipment supply company, in Westerville, Ohio. Other medical projects have been completed recently at The Ohio State University (OSU) Medical Center including; the dental school renovation, a doctors office renovation in a former laboratory building, and expansion of a hematology oncology lab within an existing OSU clinic building. In addition, SEM Architect's Partner in West Virginia has completed numerous other medical facility projects including ones for FMRS Health System, and The New River Family Health Clinic Master Plan in Raleigh County.

Knowledge of the WV National Guard Process:

SEM has had recent experience working on two projects that were developed for the West Virginia National Guard. As a result SEM is familiar with many of the National Guard processes and procedures. These projects include a new Readiness Center in Summersville and a new Readiness Center in Lewisburg, West Virginia. Projects were \$10M and \$15M respectively and were full service jobs developed from the earliest programming stage through construction administration and closeout. Both of these projects were delivered on time and within budget with some contingency funds remaining at the time of final completion. Many of the same SEM Team members that were involved on these projects are available to work on the medical Command Facility project.

Construction Administration:

SEM Architects takes construction management on our projects very seriously. Our primary Construction Administrator, Mr. Cushman is a registered architect with over 35-years of experience. SEM knows that the best developed plans are only as good as the final execution. Mr. Cushman reviews drawing details, performs field inspections, and oversees Code required special inspections and testing to help ensure that the established quality standards have been met. All progress meetings during construction include a written field report accompanied by digital photography. Other qualified personnel, including the Project Manager are involved in construction administration in the review of shop drawings, answering Requests for Information, and in overall project administration. SEM's designs and details are well thought-out and constructible. SEM takes pride in their documents as well as in the achievable results.

For the West Virginia National Guard, SEM Architects administered two projects simultaneously. These projects occurred in Lewisburg, and Summersville, West Virginia, and they required monthly meetings in Charleston, West Virginia with the Army National Guard (ANG). On these projects, SEM worked directly with the Army National Guard to administer construction. Full-time site inspectors were hired per ANG guidelines, and weekly job meeting were held for both projects. All of the duties of full construction administration were performed including: shop drawing review, progress scheduling, bulletin issuing, supplemental instructions, pay application review, change order review, punchlist work, and final inspections/closeout per ANG procedures. Due to a proactive approach to contract completion; both projects were completed on time and within budget.

Project Delivery Method Experience:

SEM has extensive experience with construction delivery systems ranging from the traditional General Contracting method and Construction Management to various forms of Design-Build. SEM has executed more projects utilizing the traditional General Contracting method (Design/Bid/Build) than any other method.

Specification Writing Experience:

Mr. Cushman is SEM Architect's primary specification Writer. He is an active member of CSI and participates in most local Chapter meetings. SEM Architects subscribes to SpecLink, a service that does specification research and provides regular updates regarding best practices, current references, and standards for our product specifications such that they are continuously updated. Other qualified personnel in the office write specification sections that are integrated into the Company's main specification only after being reviewed by Mr. Cushman.

Firm Resources:

SEM's office is well equipped to handle projects of this type. In fact, in the past 5-years renovation projects have represented 75% of SEM's work load. They have continuous high-speed broad-band internet capability, and computer stations that run AutoCAD, Microstation, and Revit software. The firm is 3-D Building Information modeling (BIM) capable and trained. SEM has 24-hour Internet access and remote server access when working from locations outside of the office. To date a total of eight projects have been executed in BIM.

Design Quality:

SEM Architects has received awards and honorable mention recognition on a variety of projects including:

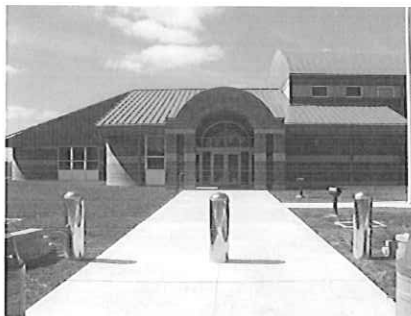
- 1/ Astronomy Visitor and Education Center Green Bank, WV
- 2/ Canyon Rim Visitor Center Fayetteville, WV
- 3/ Youth Museum of Southern West Virginia Beckley, WV
- 4/ The Student Life Center, Cedarville University Cedarville, OH
- 5/ Bexley Schools Bexley, OH
- 6/ Fairfield Local Schools Leesburg, OH

Performance: Below is an excerpt from a letter of recommendation from the Project Manager that SEM Architects worked directly with to complete three renovation projects at The Ohio State University Medical Center:

"Since 2009, SEM has completed 3 projects at OSU which I managed. Work has included interior renovations of Lab and Office spaces. The services of SEM were provided in a professional manner, and delivered within the time restraints given. SEM was very attentive to the OSU requirements, the project budget, and construction schedule, which resulted quality projects, delivered on time and under budget."

"I intend to continue our relationship with SEM on future projects. Please feel free to call me directly if you would like additional information regarding SEM's performance at OSU."

Mitch Dollery, OSU Project Manager
Facilities Operations and Development
614-292-6817





SEM was founded in 1959 under the name Design Associates Architects. The Firm originated in Columbus, Ohio, and soon after added offices in Parkersburg and Beckley, West Virginia. In 1981 the firm was incorporated under its current name. Approximately 20-years later the firm was consolidated in Westerville, Ohio, where it has continued to steadily serve both its Ohio and West Virginia client base. During this time, projects have also been serviced in the States of Indiana, Maryland, and Virginia.

SEM Architects has specialized in the design of quality municipal, recreational, educational, healthcare, and commercial facilities for over 50 years. They believe in creating client-specific memorable design that is well-detailed, and efficient to operate and maintain. Specialized areas of design expertise have enabled SEM to serve these building type needs with credibility and distinction.

In 1965 SEM secured its first school design commission for a small county district along the Ohio River. Subsequently, SEM also provided architectural services to Wood County Schools, one of the first "Better Schools Building Programs" in the State of West Virginia. Achievements in West Virginia and Ohio provided a successful foundation for the many successful school design commissions that followed. Educational work expanded into the higher education market with several significant academic structures at West Virginia University in the 1980s and at Cedarville University in Cedarville, Ohio in the 1990s where a comprehensive Master Plan resulted in two new buildings, as well as several building renovations and additions. Other campus work has occurred at Miami University and The Ohio State University in Ohio.

Another growing market for the firm that arose out of successful educational work is church design. The firm initially was serving the Christian school market that quickly broadened to include entirely new church design. Many of these projects start as phased Master Plans resulting from in-depth interviews with mission-driven church groups with specific, often far-reaching goals and limited budgets. There are many examples of SEM's church work throughout the States of West Virginia, Ohio, and Indiana. Frequently these projects are complete after a decade of work and multiple phases of design and construction.

The Firm continues to expand its client base with diverse projects as the Beckley, West Virginia Nissan dealership, the Beckley Convention Center expansion, Access Health facilities, the Raleigh Regional Cancer Treatment Center, and the National Radio Astronomy Education Center in West Virginia. Operating from a broader base has positioned the firm in a wider regional market. SEM's central Ohio projects of note include the Recreation and Fitness Center at Cedarville University, the Washington Township Recreation Center, and the award-winning Bexley City Schools, as well as numerous church and community center projects. A broader building-type base has helped the Firm withstand the recent economic downturn.

David S. Beeman, speaking for the current leadership of SEM, says, "Aggressive business development helps keep us acquainted with the best potential clients. We aren't afraid to work hard to meet our client's expectations and achieve the goals they have set. Hard work has strengthened SEM, and all members of the firm are dedicated to serving clients with excellence well into the future."

www.sem-architects.com

Firm Information:

Partnership formed in 1959
Firm Incorporated in 1981
Vietnam Veteran-Owned

Project Types:

- Churches & Assembly Centers
- College & University Facilities
- Commercial Buildings
- Educational Facilities
- Government Buildings
- Healthcare Centers
- Laboratories
- Museums
- Office Buildings
- Recreational Centers
- Retail Facilities

Contact:

David S. Beeman, AIA,
LEED AP BD+C
t: 614.794.3100
f: 614.794.3088



Company Overview



Advanced Engineering Consultants, Ltd. was founded in 1998 and specializes in providing a wide range of mechanical, electrical, plumbing, technology, and fire protection engineering design services for governmental, educational, commercial, health care, and institutional facilities. AEC's professional engineering staff averages over 18 years of experience per person, bringing professional, competent, outstanding service and expertise in engineering design to their clients. Our staff includes LEED Accredited Professionals, Registered Communications Distribution Designers (RCDD), Certified Energy Managers (CEM), and Commissioning Agents (CxA). AEC's mission is to provide the highest quality and accurate engineering services to their clients. In 2010, AEC was awarded the Society of American Military Engineers (SAME) Kentuckiana Post's "**Small Business of the Year – Engineering Excellence**" award. AEC has accumulated an extensive list of projects completed for various military installations and through these projects, our personnel have gained hands-on working experience with issues of concern including Sustainable Design, AT/FP design, SPECSINTACT, BIM, and military design guidelines. Over the past six (6) years, AEC has served as the Prime consultant on multiple military IDIQ contracts for the U.S. Army Corps of Engineers, U.S. Air Force, and NASA and has successfully completed projects in multiple states. In addition they have done many recent Armory renovation projects for the National Guard in Ohio. AEC is a successful graduate of the SBA's 8(a) program and currently qualifies as a Woman-Owned Small Business, a Small Disadvantaged Business, and a Small Business under NAICS code 541330. AEC routinely provides the following services to our clients:

Mechanical

Heating, Ventilation & Air Conditioning
Central Plant: Steam, Hot Water, Chilled Water
Plumbing
Fire Protection
Medical Gases
Boiler and Controls
Laboratory Ventilation
Temperature Controls
Energy Conservation

Technology Systems

Data / Telecommunications
Closed Circuit Television (CCTV)
Security Monitoring Systems
Sound / Public Address

Electrical

Power Distribution
Emergency Power System
Lighting / Illumination Design
Fire Alarm Systems

Construction Services

Bidding and Contracts
Field Observation
Shop Drawing Review
Commissioning and Close-out

Project Management/Planning

Planning and Scheduling
Cost Estimating
Feasibility Studies
Scope Development

Awards /Recognition:

AEC has an impeccable track record when it comes to our past performance. This is demonstrated by the number of repeat clients we have had over the past several years. For instance, the 88th Air Base Wing at Wright Patterson Air Force Base has selected our team for two IDIQ contracts and currently has a third one pending. Similarly, the U.S. Army Corps of Engineers has selected our team for three IDIQ contracts for providing multi-discipline A/E services. This is a testament to the quality of service our team provides to our clients. AEC has also received several awards for our work including:

- **Air Force Materiel Command (AFMC) Award of Merit for Concept Design – New Student Activity Center (\$780,000); Wright-Patterson Air Force Base, OH; October 2010.**
- **U.S. Air Force, Citation Award for Concept Design - New Security Forces Compound (\$14M); Wright-Patterson Air Force Base, OH; July 2010**
- **Air Force Materiel Command (AFMC), Award of Merit for Concept Design – Sensors Directorate Laboratory Addition / Alteration (\$44M); Wright-Patterson Air Force Base, OH; October 2009**
- **Air Force Materiel Command (AFMC) Award of Merit for Concept Design – New Security Forces Compound (\$14M); Wright-Patterson Air Force Base, OH; October 2009**

SHIRK & O'DONOVAN CONSULTING ENGINEERS, INCORPORATED

370 East Wilson Bridge Road
Worthington, Ohio 43085-2321
614-436-6465 TEL
www.shirkodonovan.com

Professional Structural Engineering Consulting Services

Shirk & O'Donovan Consulting Engineers, Incorporated offers a full range of professional consulting structural engineering services from schematic design through construction administration. The firm was founded in 1989 with a vision of unparalleled service as a provider of structural engineering design services. Today that goal still commands the primary attention for the full extent of the client base, without regard to the size of the project or the size of the client.

Solutions

The company provides cost-effective engineering solutions for a wide range of projects. Professional services offered include complete preparation of structural construction drawings, specification writing, cost estimating and value engineering for both new construction, the rehabilitation of existing facilities and construction administration. We believe common solutions will not fit all projects, and therefore our licensed engineers provide innovative designs tailored to each specific project. The staff is committed to a team approach to your project. We review and coordinate the work of the entire design team, including the work of the architect and mechanical, electrical and civil engineers.

Delivery

The prompt delivery of completed projects and strict adherence to project schedules continue as the hallmark traits of the firm. We believe that schedule is the key component of a successful project. Our company has long been recognized for its ability to fulfill its commitments and to meet the project schedule. The company's dedicated team puts forth the effort that only a quality professional organization can provide, an effort that is mandatory in today's construction environment.

Multi-Faceted

Shirk & O'Donovan Consulting Engineers, Incorporated employs dedicated professionals with nearly one hundred years of combined working experience in the design of concrete, masonry, steel, aluminum and wood structures. The company possesses a strong background in the structural design of educational facilities, commercial, health care, nursing/assisted living facilities, retail, religious, industrial, hotel, residential, EMS and fire stations, recreational facilities, water and wastewater treatment facilities. Design expertise extends across projects whose construction costs range from a few hundred thousand dollars to over \$50 million.

Philosophy

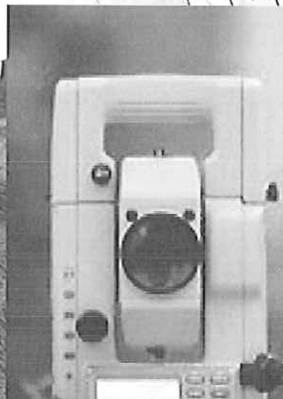
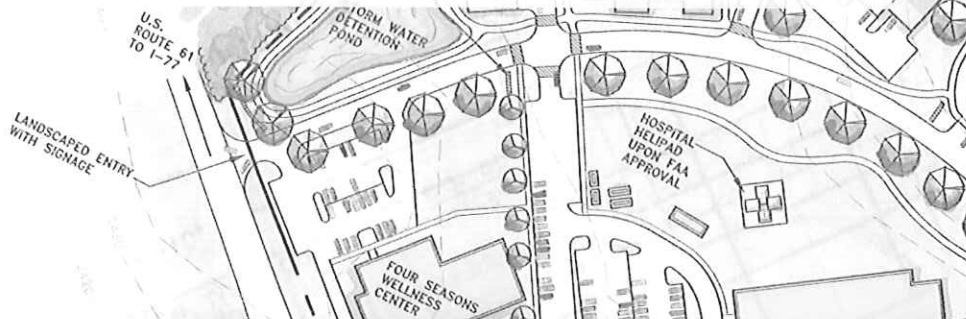
Shirk & O'Donovan Consulting Engineers, Incorporated understands the importance of team-building, and its staff is committed to working with architects, other consulting engineers, owners, construction managers and contractors to ensure that the owner receives the building that best suits their need. It is the goal of the company to produce cost-effective and buildable designs that solve the needs of each project, and each project's owner, on a case-by-case basis.



TERRADON CORPORATION

Engineering Planning Surveying

- Corporate Overview
- Relevant Project Experience in Medical Facilities and Greenbrier County Projects
- Resumes



Headquarters Office
P.O. Box 5109
Nitro, WV 25143

Lewisburg, WV
425 North Jefferson Street
P.O. Box 1635
Lewisburg, WV 24901

Columbus, OH
167 South State Street Suite 250
Westerville, OH 43054

ALL LOCATIONS Phone: 304.755.8291 Fax: 304.755.2636

terraddon.com

CORPORATE OVERVIEW

TERRADON Corporation offers a multi-faceted approach to design engineering and consulting services. For more than 20 years TERRADON staff have provided a wealth of engineering solutions blanketing West Virginia and the Appalachian region with successful projects. The company built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today.

Staff includes engineers, landscape architects, surveyors, planners, environmental scientists, designers, technicians and LEED Accredited Professionals.

TERRADON Corporation has built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today. The company maintains more than 75 leading-edge staff in three locations: Nitro/Poca, WV; Lewisburg, WV; and Columbus, Ohio. TERRADON'S seven departments work cohesively to provide turn-key solutions that strive to exceed client expectations.

ABOUT TERRADON

The family-owned business has built its strong reputation by providing flexible, cost effective design solutions and maintaining the highest level of customer service. The firm has been recognized through numerous awards from professional organizations and agencies for excellence in engineering.

TERRADON is particularly suited to design engineering within the mountainous areas of West Virginia and the Appalachian Region. The firm has been recognized through numerous awards from professional organizations and agencies including the West Virginia Division of Highways, Department of Environmental Protection and the West Virginia Chapter of American Institute of Architects.

TERRADON's corporate culture promotes innovation and progressive thinking. Project leaders strive to sustain customers through a wide-range of engineering offerings. TERRADON employees understand the purpose behind their services and work to cultivate lasting relationships with clients through honest, hard work.

SERVICE OFFERINGS

- Land Planning & Site Design
- Surveying & Mapping
- Civil Engineering
- Geotechnical Investigations
- Materials Testing & Construction Monitoring
- Environmental
- Roadway & Bridge Design
- Energy Services

LOCATIONS

Headquarters/ Primary Office

Physical Address:
401 Jacobson Drive
Poca, WV 25159

Mailing Address:
PO Box 519
Nitro, WV 25143

Phone: 304-755-8291
Fax: 304-755-2636

TERRADON Corporation's headquarters office is located near Charleston, WV.

From this location, TERRADON's engineering reach easily extends throughout the region in regard to physical drive times, making projects in the surrounding area accessible in just a matter of hours.

TERRADON also maintains satellite offices in Lewisburg, WV and Westerville (Columbus Area), Ohio.

Lewisburg, WV Office

Physical Address:
425 North Jefferson Street
Lewisburg, WV 24901

Mailing Address:
PO Box 1635
Lewisburg, WV 24901

Phone: 304-645-4636
Fax: 304-645-7614

Columbus, OH Office

Physical Address:
167 South State Street, Suite 250
Westerville, OH 43081

Mailing Address:
167 South State Street, Suite 250
Westerville, OH 43081

Phone: 614-392-2997
Fax: 614-392-2953

CONTACTS

Project Opportunities
Ryan Wheeler
Director of Business Development

Transportation
Joe Saunders, PE
Vice President-Transportation Sector

Land Development
Greg Fox, ASLA, LEED AP
Vice President- Land development Sector

Water & Wastewater
Jim Downey
Vice President- Civil Engineering

Survey & Mapping
Robert Thaw, PS
Vice President - Survey and Mapping Sector

Energy
Philip Reed, PE
Vice President - Energy

Testing & Inspection
Bill Hunt, PG, LRS
Vice President- Geo/Environmental Sector

Environmental
Bill Hunt, PG, LRS
Vice President- Geo/Environmental Sector

Abandoned Mine Lands
Joe Saunders, PE
Vice President-Transportation/AML Sector

Geotechnical
Bill Hunt, PG, LRS
Vice President-Geo-Environmental

LAND DEVELOPMENT

Land Development covers a broad swath of TERRADON's service offerings and sees a large percentage of its annual revenue from repeat clients or referrals. The group is comprised mainly of Landscape Architects and CAD designers and works closely with every other department within the company. TERRADON's Land Development department works with public and private entities and has a strong presence in the educational, recreation and commercial development sectors.

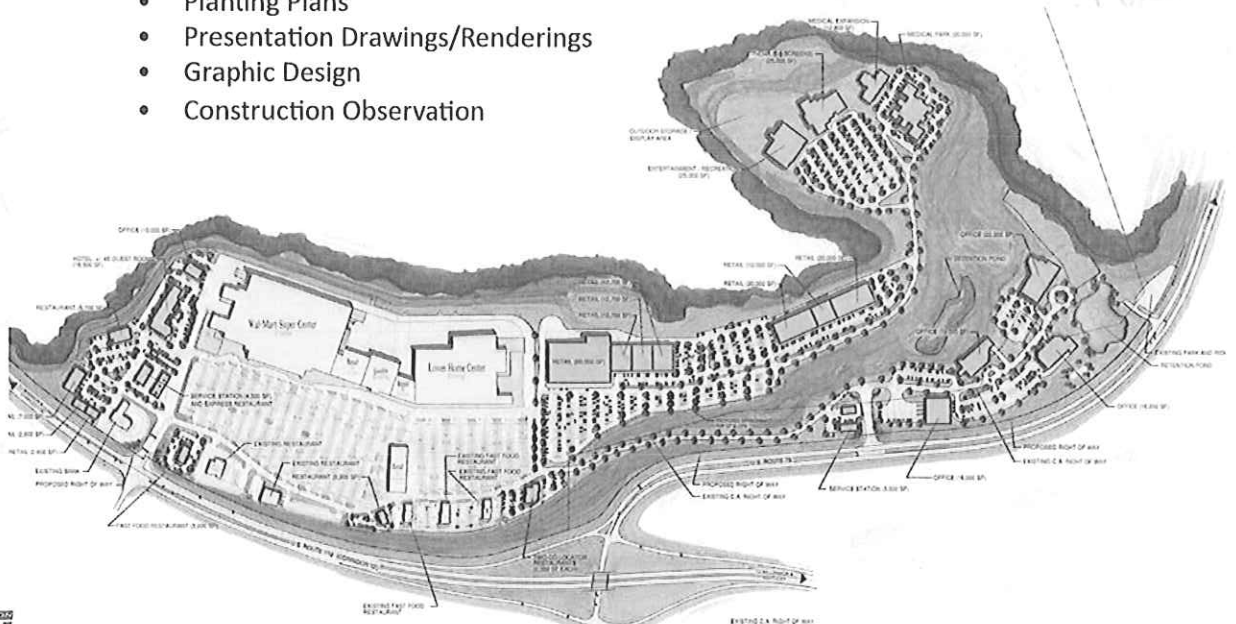
TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional landscape architects work closely with the client from the project's initial phase through a schematic design, construction documents and project delivery.

TERRADON Landscape Architects remain on the forefront of sustainable design, providing LEED Accredited Professionals to clients. Projects utilizing sustainable design best practices aid clients in significantly reducing energy costs on projects.



SERVICES INCLUDE

- Master Planning
- Site Feasibility Studies
- Schematic Design
- Layout Plans
- Grading Plans
- Stormwater Management Plans
- Erosion Control Plans
- Planting Plans
- Presentation Drawings/Renderings
- Graphic Design
- Construction Observation



CERTIFICATIONS

WBENC Women's Business Enterprise
National Council

hereby grants

National Women's Business Enterprise Certification to Terradon Corporation

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled; and is valid through the date herein.

WBENC National WBE Certification was processed and validated by Ohio River Valley - Women's Business Council, a WBENC Regional Partner Organization

Expiration Date: 01/29/2014
WBENC National Certificate Number: 2005112195



Authorized by Rea N. Waldon, Ph.D., Executive Director
Ohio River Valley Women's Business Council

ORV-WBC
Ohio River Valley Women's Business Council

NAICS Codes: 541330

UNSPSC Codes: 81100000



TERRADON CORPORATION is a certified Women's Business Enterprise as defined by the Women's Business Enterprise National Council. TERRADON is controlled by Virginia King, who provides more than 32 years of administrative experience to the company.

The Women's Business Enterprise National Council (WBENC), founded in 1997, is the nation's leading advocate of women-owned businesses as suppliers to America's corporations. It also is the largest third-party certifier of businesses owned and operated by women in the United States. WBENC works to foster diversity in the world of commerce with programs and policies designed to expand opportunities and eliminate barriers in the marketplace for women business owners. WBENC works with representatives of corporations to encourage the utilization and expansion of supplier/vendor diversity programs.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: 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 exceeds 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 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: DAVID S. BEEMAN

Authorized Signature: *David S. Beeman* Date: 5-29-13

State of OHIO

County of Franklin, to-wit:

Taken, subscribed, and sworn to before me this 29th day of May, 2013.

My Commission expires 3/27, 2017.

AFFIX SEAL HERE



JOEL C. KAIN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Licking County
My Comm. Exp. 3/27/17

NOTARY PUBLIC *Joel C. Kain*