



Architecturally Engineered Structures, PLLC
Structural Engineering Consultants

We wish to provide the architect with the structure to create the building they envision and to provide the occupants with a safe and usable structure.

We wish to provide project documentation, on time and within budget, that is complete so that the bid price will be the final cost.

We wish to provide our clients with structural engineering consulting services that exceed their expectations.



Architecturally Engineered Structures, PLLC

General Information

Some important background and philosophical information that we at Architecturally Engineered Structures would like potential clients to know.

We respect architecture.

Our name was chosen in an attempt to state as clearly as possible that it is our goal to provide structural engineering consulting services that meets with the architectural requirements. There are cases where a structure should govern. There are also times where the structural engineer must inform the design team of construction costs/concerns involved with a chosen architectural direction so an informed decision can be made.

We respect the work of the Architect.

We make every effort to create the structure desired and provide continuous and timely information for the development of the building. We also believe communication and coordination are critical and make every effort keep the architect up to date with our progress, concerns, and conclusions.

We respect the work of other disciplines.

We proactively request locations of major mechanical and electrical conveying systems in an attempt to minimize the structure, as needed and possible, to more reasonably allow for these systems.

We respect deadlines.

We wish to make every effort to meet deadlines that have been agreed upon. When the deadlines are for contract documents, we want them to be complete. We will exhaust our resources (and ourselves) to provide the agreed upon

services within the agreed upon times. This includes shop drawing review.

More General Information

Our experience includes buildings of very nearly every type of construction and a wide variety of uses, sizes, and shapes.

Members of our staff participate in continuing education that we may stay current with the state of the art in structural engineering.

We are state of the art with regard to our computer aided design and computer aided drafting capabilities. This allows us to quickly perform an economical design of a structure that we may investigate the constructability issues related to all projects. (This, in our opinion, is where the "extras" hide.) With this, our staff can accommodate any challenge that presents itself with regard to project schedule, "fast track" projects.

At this time, we are licensed to provide structural engineering services in the states of Kentucky, Indiana, Iowa, Michigan, North Carolina, Ohio, Pennsylvania, Virginia, Washington, and Illinois (Structural Engineering). Members of our staff have Model Law Engineer and Model Law Structural Engineer Status with the National Council of Examiners for Engineer and Surveyors. Licensure for many other states can be obtained, quickly, on an as needed basis.

We endeavor to provide fair and reasonable proposals/fees that are appropriate for the project.

Similar information, plus examples of our work, can be found on the web at:

www.AEStructures.com



Architecturally Engineered Structures, PLLC

Work Experience

As indicated, our experience includes buildings of very nearly every type of construction and a wide variety of uses, sizes, and shapes. Following is a partial list of examples to more clearly define our work experience.

Types of Projects

Commercial, Corporate, Health Care, Historic Renovation, Industrial, Institutional, Research and Development, Restaurants, Recreational, Residential, and Retail

Types of Sites

Additions, Green Field Sites, Brown Field Sites, Investigations, and Renovations and Rehabilitation

Types of Building Foundations

Augered Cast-in-Place Concrete Piles, Drilled Piers, Driven Pile Foundations, Proprietary Augered Foundations, Rock Pocketed Piers, and Shallow Foundations

Types of Construction

Cast-In-Place Concrete Frames, Cellular Floor Systems, Cold-Formed Steel Floor and Roof Trusses, Cold-Formed Steel Stud Wall Systems, Cold-Formed Steel Stud Bearing/Shear Wall Systems, Composite Floor Systems, Masonry Wall Systems, Insulating Concrete Form Wall Construction, Masonry Bearing/Shear Wall Systems, Metal Plate Connected Wood Floor and Roof Trusses, Panelized Wood Wall Systems, Pre-cast Concrete Frames, Pre-cast Concrete (Double Tee, Hollow-core and Solid Plank) Floors, Pre-Cast Concrete (Double Tee, Hollow-core and Solid) Plank Wall Systems, Pre-Cast Concrete Solid Plank Bearing/Shear Wall Systems, Raised Floor Systems,

Types of Construction, Continued

Structural Steel Braced Frames, Structural Steel Moment Frames, Structural Steel Roof Construction, Structural Steel Joist Roof Construction

Manufactured Metal and Wood Buildings

Miscellaneous

Cast in Place Concrete Tunnels, Pre-cast Concrete Tunnels, Earth Retention Systems, Earth Tie-back Systems

Contact Information

We would appreciate the opportunity to provide any additional information desired. A corporate resume and project history is included, herein.

We would appreciate the opportunity to demonstrate our structural engineering services and sincerely believe that we could become your structural engineering consultant of choice if provided such an opportunity.

To obtain more information about Architecturally Engineered Structures, please feel free to call or email us.

Should you wish to obtain a proposal for structural engineering services on an upcoming project, please call or send an email to: RFP@AEStructures.com.

Should you wish to contact us for general information, please call or send an email to: AEStructures@AEStructures.com.



Architecturally Engineered Structures, PLLC

Project History*

Institutional – Health Care

- Affiliated Troy Physicians Medical Office Building
- Allegan General Hospital Medical Office Building Addition
- Botsford Community Hospital's Oncology Center
- Clarkston Medical Office Building MRI Addition
- Coburn/Haddad Professional Building
- Genoa Medical Center
- Huron Memorial Hospital's Second Floor Surgical Addition
- McLaren Hospital's Exterior Upgrade
- Omni Office Center – Linear Accelerator Building
- Peter C. Cooper, DDS, Office
- Pine Ridge Retirement Village Addition
- St. John Hospital - Macomb Center
- St. Mary's / Tolfree Hospital's Oncology and Medical Office Building Addition
- St. Mary's Medical Center Ambulatory Care Center Expansion
- St. Mary's Medical Center Ambulatory Care Satellites
- St. Mary's Medical Center Cardiac Catheterization Lab
- Tawas St. Joseph Hospital's Oscoda Health Park
- The Department of Veterans Affairs' Ann Arbor Clinical Addition and Renovation
- Tobin Professional Building - Novi, Michigan
- University OB-GYN Operable Storage Investigation
- William Beaumont Hospital - Troy Ambulatory Care Center Expansion
- William Beaumont Hospital's Emergency Room Expansion
- William Beaumont Hospital – Troy CT Scanner Addition

Institutional – Education

- Montessori Schoolhouse Building – Troy, Michigan
- Montessori Schoolhouse Building – Macomb Township, Michigan
- Northwestern Technological University's Technological Institute Reconstruction Project
- Pathways School – Livingston Educational Service Agency
- University of Toledo – Connection Design Verification
- Weston Academy

Research and Development

- Fanuc Robotics' Customer Technology Center
- Mercedes-Benz' Ann Arbor Research Facility Expansion
- Michigan State University's Food Safety Toxicology Center

Religious

- B'nai B'rith Hillel Foundation at The University of Michigan, Ann Arbor Interior Renovation
- Calvary Baptist Church
- Christ Child House
- First Baptist Church of Wixom Gymnasium/ Classroom Addition
- Holy Trinity Building Addition
- New Creation Church Renovation
- Romeo Baptist Church Entrance Renovation and Elevator Addition
- St. Joan of Arc – Preliminary Design
- United Assembly of God
- United Assembly of God – Fa Ha Lo Camp and Convention Center

*Project History contains projects that have been performed at other Architectural or Engineering Firms. Personnel of Architecturally Engineered Structures, however, were the lead engineers responsible for these projects. In most cases, our engineers were solely responsible for these projects.



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Project History*

Industrial

- Aaro Companies Facility Expansion
- AB Heller Expansion
- Asahi-Thermofil Mezzanine Addition
- Asahi-Thermofil New Monorail Design and Existing Joist Reinforcement
- Borg-Warner PTC Addition
- Dal Tile Truck Dock Addition
- DHL CVG Cincinnati Hub – Conveyor Installation Verification
- European Industrial Building
- General Mill Supply Company Warehouse
- Horn Corporation Facility Renovation
- Production Services Management, Inc.
- Shred-It Troy Baler Pit
- Smith Meat Packing Addition and Reconstruction
- University of Michigan - Flint Campus' Central Energy Plant Underground Utility System Expansion

Miscellaneous

- Amtech Electronics
- Annette's Salon
- Art Van Furniture – Automated Warehouse
- Art Van Furniture – Lakeside Retail Outlet Storage Addition
- Art Van Furniture – Recycler Building
- Avio Retail Center
- Bakers of Milford
- Bagnasco and Calceterra Funeral Home
- Brighton Honda
- Chalmer Place Retail Facility
- Con-Way, Coldwater/Fremont Service Center Expansion
- CVS Vestibule and Alteration at Hampton Plaza

Miscellaneous, Continued

- Da Edorado Restaurant
- Enchanted Florist
- Family of Pets Signage, Fountain Walk Mall
- Flagstar Bank – Grosse Pointe Woods
- Flagstar Bank – Grosse Pointe
- The Fresh Market Interior
- Gateway Village Retail Facility
- The Griffin Family's Griffin Funeral Home
- Hampton Plaza Retail Facility Renovation for The Fresh Market
- Infiniti of Ann Arbor
- Pier III Restaurant
- Pointe Dodge
- Preva Salon
- Quick Lube – Park Motor Sales
- Red Wagon Retail Facility Renovation
- Renaissance Center Egress Walkway
- Restaurant – 440 Main Street - Brighton
- Serra Cadillac
- Shoppes at Trail Retail Facility Screenwall
- Sports Page Bar and Grill
- Toyota of Bloomfield
- TriAtria Mall Renovations
- Victory Lane Oil Change – Canton, Michigan
- Victory Lane Oil Change – Howell, Michigan
- Victory Toyota
- Village Café of Vernon
- The Vitamin Shoppe
- Warren Bank - Macomb
- Wayne State University Way-Finding Program
- University Square Retail Facility Renovation
- Veggies and Company Renovation
- Wireless Toyz
- Young's Supply

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Project History*

Public

- Auburn Hills Post Office Addition
- FBI Auto Maintenance Facility
- Midland Community Historical Society Museum – Preliminary Design
- Mt. Clemens Post Office Truck Dock Addition
- New Baltimore Post Office Structural Investigation
- New Baltimore Post Office Renovation
- Oak Park Civic Center Expansion – Preliminary Design
- Pontiac Public Library Entrance Renovations
- Pontiac Post Office Renovation
- Pontiac Waste Water Treatment Facility
- Royal Oak Post Office Investigation
- Thumb Area Correctional Facility Masonry Wall Repairs

Recreational

- Atlas Community Baptist Church Multi Purpose Facility
- Downtown Grand Rapids Development's Van Andel Arena
- Lapeer Arena Nightclub
- Mariner's Village Marina

Residential, Multi-Family

- Mill Town Condominiums
- Village Park of Royal Oak Community Building
- Villas of Shelby Addition and Renovation

Office Buildings

- BD Pediatrics Northeast – Moveable File Storage Installation
- Catholic Services Building – Macomb
- CEM Building Renovation
- City Mission Tutoring Center
- Clover Hill Cemetery Office Building
- Compuware World Headquarters
- Compuware World Headquarters Parking Structure Foundation Design
- Grosse Pointe Office Building
- Huron Valley Financial
- Koll Corporate Center
- Pulashaj Office Building
- Quicken Loans Renovations
- Rustbelt Records Recording Studio
- Stefani Office Building
- Stucky-Vitale Office Expansion
- Woods Pointe Office Building

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Residential – Single Family

- Alessi Residence
- 148 Linwood Avenue
- 181 Euclid
- 1546 Sodon Lake Road
- 1827 Grace Avenue
- 187 Gargantua
- 543 Vinewood
- 30249 High Valley
- 4146 Auburn Drive
- 8467 Central
- Abboud Residence
- Anderson Residence
- Arseth Residence
- Bardy Residence
- Bieri Residence
- Blount Residence
- Brady Residence
- Calliea Residence
- Calliea Retreat Garage
- Campbell Residence
- Charles Residence
- Clark Residence
- Cornwell Residence
- Coughlin Residence
- Crawford Residence
- Davidson Residence
- Dombrowski Residence
- Flaherty Residence
- Frederick Residence
- Gradinac Residence
- Granader Residence

Residential – Single Family, Cont'd

- Hardy Residence
- Hayman Residence
- Houlihan Residence
- Jacobs Residence
- Kleve Residence
- Lanesky Residence
- Lanesky Residence
- Lighthall residence
- Newood Residence
- Newsted Residence
- Nichols Residence
- Nolan Residence
- Rashed Residence
- Reilly Residence
- Ricci Residence
- Rivers Residence
- Rosseter residence
- Ruprich Residence
- Ryan Residence
- Saleh Residence
- Shalhoub Residence
- Shea Residence
- Solomon Residence
- Starky Residence
- Sulich Residence
- Vachon Residence
- Van Eeghen Residence
- Wernette Residence



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List of Clients:

CADVanced Design, Inc.
Ford and Earl Design
HF Architecture
Lindhout Associates Architects AIA PC
Nudell Architects
Mandell, Bilovus, Lenderman + Associates, PC
Plante and Moran CRESA, LLC
Prime Design Systems, Inc.
Samco Construction, Inc.
Siegal/Tuomaala Associates, Architects and Planners, Inc.
John Tagle Associates, Inc.

Members of AEStructure's staff have Model Law Engineer Status and Model Law Structural Engineer Status with the National Council of Examiners for Engineer and Surveyors. Licensure for many other states can be obtained, quickly, on an as needed basis. Typically, we are able to obtain licensure in other states within thirty days.



Architecturally Engineered Structures, PLLC

Resumé – William P. Veltri, PE

Professional Experience

- Twenty-four years of experience in planning, design, construction and investigation of structural systems on a broadly diverse variety of project types and usage.
- Full range of ancillary services including failure/forensic analysis, value engineering, project management, on-site support, coordination, contract implementation and project close-out.

Education

- | | |
|------|---|
| 1984 | Wayne State University, Detroit, Michigan,
Master of Science in Engineering, Civil Engineering, emphasis on structures. |
| 1979 | Detroit Institute of Technology, Detroit, Michigan,
Bachelor of Science in Engineering, Civil Engineering, emphasis on structures. |

Professional Affiliations and Registrations

- Licensed Professional Engineer in States of Michigan, North Carolina, and Kentucky
- Structural Engineers Association of Michigan
- Engineering Society of Detroit

Resumé – Michael Vernier, PE, MLSE

Professional Experience

- Eighteen years of experience in planning, design, construction and investigation of structural systems on a broadly diverse variety of project types and usage.
- Full range of ancillary services including failure/forensic analysis, value engineering, project management, on-site support, coordination, contract implementation and project close-out.

Education

- | | |
|------|--|
| 1985 | University of Michigan, Ann Arbor, Michigan,
Master of Science in Engineering, Civil Engineering, emphasis on structures. |
| 1984 | University of Michigan, Ann Arbor, Michigan,
Bachelor of Science in Engineering, Civil Engineering, emphasis on soils. |

Professional Affiliations and Registrations

- Licensed Professional Engineer in States of Michigan, Indiana, Iowa, Ohio, Pennsylvania, Virginia, and Washington
- Licensed Structural Engineer in the State of Illinois
- Model Law Professional Engineer
- Model Law Structural Engineer
- Structural Engineers Association of Michigan



Architecturally Engineered Structures, PLLC

Resumé – Jian Ye, PhD, EIT

Professional Experience

- Nine years of experience in research, planning, design, and construction of structural systems on a broadly diverse variety of project types and usage.
- Great range of ancillary services including value engineering, project management, construction support, and coordination.

Education

- | | |
|------|--|
| 2005 | Wayne State University, Detroit, Michigan,
Doctorate in Engineering, Civil Engineering, emphasis on structures. |
| 2000 | Tongji University, Shanghai, China,
Master of Science in Engineering, Civil Engineering, emphasis on structures. |
| 1995 | Southwest Jiaotong University, Chengdu, China,
Bachelor of Science in Engineering, Civil Engineering, emphasis on structures. |

Professional Affiliations and Registrations

- Licensed Engineer in Training in the State of Michigan



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Avio Retail Facility – Brighton, Michigan



Brighton Honda – Brighton, Michigan



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Catholic Services of Michigan – Macomb Township, Michigan



Flagstar Bank – Grosse Pointe Woods, Michigan



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Clover Hill Cemetery Administration Building – Birmingham, Michigan



Office Building – Grosse Pointe, Michigan



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Genoa Medical Center – Genoa Township, Michigan



Huron Valley Financial – Ypsilanti Twp, Michigan



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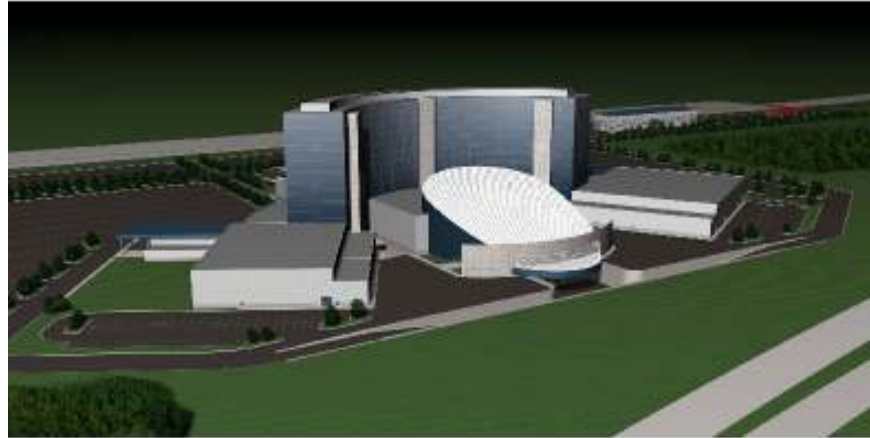
George Koueiter Jewelers – Grosse Pointe Woods, Michigan



Montessori Schoolhouse – Troy, Michigan



Architecturally Engineered Structures, PLLC



On The Boards – Motown Sports and Technology Facility – Romulus, Michigan



Stefani and Stefani Law Offices and Office Building – Royal Oak, MI

Architecturally Engineered Structures, PLLC
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www.AEStructures.com



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Unasource Health Care Facility – Troy, Michigan



William Beaumont Hospital Ambulatory Care Facility – Troy, Michigan