

David R. Arnsdorf, PE, Structural Engineer

- Bachelor's Degree from Penn State in Architectural Engineering, Structural Option
- Masters Degree from The University of Michigan in Civil Engineering, Structural Analysis and Design
- Expert in analysis and design of steel frame, reinforced concrete, pre-stressed concrete, reinforced masonry, and wood frame construction.
- Expert in the analysis of structures for dynamic loads including seismic or mechanical loads.
- Registered Professional Engineer in Michigan and Washington State.



Services Available

- Assessment and repair of existing residential, commercial, or industrial buildings
- Design of new buildings
- Failure analysis

Past Analysis and Design Experience – A Sample

- Analyses of residential roofs for additional loads from solar panels
- Hospital – steel frame
- Airport hanger – steel frame
- Residential inspection and modification
- Wood Frame office building
- 30 Story Steel Frame Office Building
- Mixed Office and Apartment Building with 3 story Underground parking garage – reinforced concrete and wood frame.
- Nuclear Power Plant Containment Structure, Support Buildings, and internal structures
- Water Tanks
- Post-tensioned parking garage
- Bank – reinforced concrete, steel frame, bar joists, pre-fabricated masonry curtain walls
- 10 story reinforced masonry apartment building

