



Building Structural Engineering

Stahl Sheaffer has completed building design services for industries, primary schools, higher education, research facilities, private residences, and government agencies. Our expertise in support of new construction and renovation encompasses a wide variety of building types, including labs, classrooms, housing, emergency facilities, parking garages, athletic facilities, and historic structures. Our engineers are experienced with materials from steel to wood to concrete to brick and limestone. Stahl Sheaffer's structural engineering department includes a staff of professional engineers dedicated to building structures, aided by designers who provide expertise in:

- Feasibility and planning studies
- Design of new facilities
- Rehabilitation design
- Construction shoring
- Construction administration
- Construction inspection
- Analysis of structural capacities
- Forensic investigation
- Historic preservation
- Retrofit of existing components
- Design of new facilities
- BIM / 3D modeling
- Compliance upgrades
- Façade restoration
- Roof repair

Our value is in the upfront analysis to identify root problems and provide solutions that are the most relevant, cost effective, and sustainable. We develop bid documents that allow consistent bids for completing necessary work. We engineer the structural design, prepare construction documents, and provide construction administration services throughout the project. Stahl Sheaffer embraces Prevention through Design (PtD).

We facilitate collaboration and avoid conflicts with multiple stakeholders, including owner project managers, architects, municipal officials, MEP's, landscape architects, and others using Revit.

