

Structural Design Engineering **Services**

At VERTEX, we have the professional ability to design the required improvements and the professional desire for a low impact, easily implemented design. We feel that a successful engineering project is not only one that functions properly, but one that also takes into account sustainable, low-impact design.

VERTEX has provided complex engineering and construction services globally on over \$1 billion in construction projects. We have also completed over \$200 million in general construction and construction management projects for a wide array of private and public customers nationally and internationally.

VERTEX is recognized for our integrity and quality work. Since 1995, VERTEX has worked on thousands of projects involving all facets of design, engineering, and planning. We proudly stand behind our first-class work product and the expertise we bring to all areas of construction, environmental and design services, making us an asset on any project.

Project Types

- Multi-family - for sale and for rent
- Office buildings
- Schools
- Parking structures
- Retail
- Industrial
- Commercial
- Municipal & fire stations
- Churches
- Lux residences
- Historic renovations

Structural Building Design

- Full service structural design work
- Schematics and project planning
- Construction cost estimates
- Shop drawing review
- Site visits and construction administration

Historic Renovation

- Structural investigation of historic structures
- Structural retrofit for adaptive reuse
- Lateral design retrofit

Damage Assessments & Investigations

- Foundation settlement
- Expansive soils
- Fire damage
- Water damage
- Peer reviews
- Change of use



SERVICE AREA
ENGINEERING

