

THP Limited Inc.

Structural Engineering | Parking | Restoration and Waterproofing



Firm Profile

THP is a client focused, professional structural and architectural engineering consulting firm established in 1973. The firm specializes in large scale, complex structural engineering, parking, and building restoration. Projects designed by THP are located throughout the United States and abroad.



The complexity of THP's projects involves difficult sites, unique building geometry, challenging design coordination elements, multi-layered design teams lead by international design architects, numerous phases, and fast-track schedules. Construction costs of THP's more complex individual projects range from \$60 million to \$450 million.



Structural Engineering



THP has designed structures for institutions, governmental owners, corporate owners, developers, contractors and architectural clients. These projects have been completed under contractual methods ranging from traditional competitive bidding to design-build, Integrated Project Delivery, CM at Risk, and owner direct-managed phased construction.

Services:

- Feasibility Studies
- Structural System Selection
- Structural Frame Design
- Foundation Design
- Existing Structure Capacity/Load Testing
- Seismic Analysis/Detailing
- Demolition/Pre-Implosion Stability
- Forensic Investigations
- Litigation Consulting



Parking

THP has designed and rehabilitated structured parking spaces throughout the United States. We apply over 40 years of experience and knowledge gained in the assessment, repair and waterproofing of deteriorated parking facilities to the design of new durable garages. We design garages for long life and minimal maintenance.

Services:

- Planning and Design
- Site Selection
- Programming
- Functional Planning and Layout
- Garage Geometry and Column Grid
- Circulation Patterns and Ramp Slopes
- ADA Accessible Design
- Assessments and Condition Studies
- Specification of Materials and Systems
- Design-Build Delivery
- Construction Administration

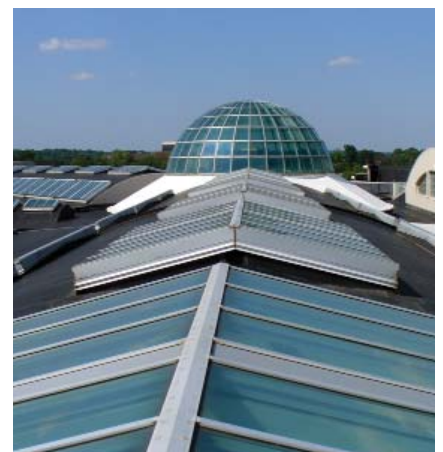


Restoration & Waterproofing

THP provides assessments, repairs, rehabilitations, and waterproofing for deteriorated structures such as parking garages, plazas, stadiums, utility tunnels, building facades, and skylights. We also master plan long-term remedial programs, and have for over 40 years. We identify problems and design waterproofing solutions to mitigate the infiltration of water into buildings.

Services:

- Assessments and Condition Studies
- Preparation of Master Planning and Budgeting Reports
- Preparation of Construction Documents
- Preparation of Phasing Plans
- Conduct Competitive Bidding Processes
- Construction Administration
- Testing of Materials and Systems
- Development of maintenance programs





Client Focused. Engineering Excellence. Reliable Partner.



Our Reach

Across The U.S. and Abroad

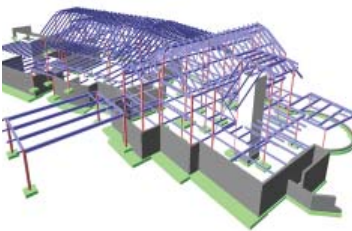
THP's engineering talents have been sought after by national and global industrial and commercial corporations. THP has provided structural engineering, seismic consulting, seismic upgrading, and building envelope consulting for new and existing construction throughout the U.S. and abroad, including Saudi Arabia, China, Japan, Taiwan, Thailand, and Dubai.



Think Green

Our Sustainable Commitment

THP is committed to sustainable design and to enhancing a building's efficiency and longevity. Our experience includes participating in the design of prominent LEED® projects over the past decade. We are a member of the U.S. Green Building Council (USGBC) and the Green Parking Council (GPC).



BIM Technology

Building Information Management

THP has provided three-dimensional modeling of significant building structures for the past decade. Our structural analysis and design software in concert with our graphics software produces construction documents and three-dimensional models.