Thornton Tomasetti
Overview
Our Locations

5 Continents
+800 Engineers, Architects and Professionals
54 Countries
27 Offices

Boston, Massachusetts
Chicago, Illinois
Washington, D.C.
San Diego, California
San Francisco, California
Portland, Maine
Philadelphia, Pennsylvania
New York, New York
Newark, New Jersey
Los Angeles, California
Kansas City, Missouri
Irvine, California
Ft. Lauderdale, Florida
Miami, Florida
Denver, Colorado
Dallas, Texas
London, UK (Head Office)
London, UK (PLC City Office)
Moscow, Russia
Beijing, China
Hong Kong, China
Shanghai, China
Mumbai, India
UAE
Ho Chi Minh City, Vietnam
Christchurch, New Zealand
São Paulo, Brazil
Seattle, Washington
Washington, D.C.
CORE studio
Computational Modeling and Research

CORE studio is Thornton Tomasetti’s distributed, virtual incubator of ideas. It explores and leverages leading technologies, techniques and workflows to better serve our clients.

CORE studio developed a suite of structural analysis tools, including a connectivity tool to analyze and repair framing models.

CORE studio designed and built a responsive kinetic sculpture in the lobby of Thornton Tomasetti’s new San Francisco office.

CORE studio developed fabrication models of the GFRP façade panels for the new Basrah Stadium.

Parametrically controlled daylight analysis, rendered in a web browser with CORE studio’s Platypus app.
Structural Engineering Practice

Structural Design
Structural Exploratory Studies
Structural Optimization
Advanced Structural Analysis
Structural Engineering

- Forscom/USARC - Ft. Bragg
- Sunlife Stadium Renovations
- Marine Corp Base - Camp Lejeune Barracks
- World Trade Center of the Americas
- University of Miami Activity Center
Construction Engineering Practice
Construction Support
Field Engineering and Site Representation
Integrated Modeling
Structural Steel Connection Design
Construction Engineering

- Deep Space Auditorium
- NewYork-Presbyterian Hospital
- BOK Center
- Cathedral of Hope Chapel
Façade Engineering Practice

Façade Consulting
Façade Construction Support
Specialty Façade Analysis
Façade Engineering

- Chelsea Modern
- Hazza Bin Zayed Stadium
- VTB Arena
- Sky Soho
Sustainability Practice

Building Certification
Energy Analysis
Existing Building Sustainability
Sustainability Education & Training
Sustainable Strategies
Sustainability

- Bigelow Laboratory for Ocean Sciences
- San Francisco International Airport Terminal Two
- Genzyme Framingham Biologics Support Center
- Coastal Maine Botanical Gardens
Renewal Practice

Envelope Renewal
MEP + FP Renewal
Structural Renewal
Renewal

- 1-5 Kingsway
- Chrysler Building
- Central Synagogue
- Mount Morris Park Fire Watchtower
Forensics Practice

Advanced Analytics
Architectural Forensics
Deconstruction Engineering
Emergency Response
Litigation Support
MEP Forensics
Structural Forensics
Forensics

- CAT-90 Sandy
- Indiana State Fair Collapse
- 9/11 World Trade Center
- I-35 Bridge Collapse
Property Loss Consulting Practice

Multihazard Risk Assessment
Probable Maximum Loss (PML) Studies
Resiliency Solutions
Building Code Analysis
Cause & Origin Analysis
Damage Investigation
Specialized Claims Analysis
Property Loss Consulting

- Tropicana Parking Garage Collapse
- St. Louis International Airport Tornado Damage
- Wildfire Damage in Yucca Valley
- New Zealand Earthquake Response