

Special Inspections & Construction Materials Testing

“The confidence in using a dedicated team of experienced professionals ensures seamless integration from the design phase to project completion.”

SERVICES:

SPECIAL INSPECTIONS

- **Soils Quality Control Testing**
 - Soil/Earthwork Inspections
 - includes: Vibratory densification
 - Dynamic compaction
 - Earth reinforcement
 - Soil/Earthwork Corrections
- **Footing Inspections**
 - Sub grade Analysis
 - Dynamic Pile Testing
 - Failure Analysis
 - Slope Stability/Evaluation
- **Earth Structures Analysis**
 - Dams/Ponds
 - Retaining Walls
 - Slope Stability
 - Seepage
- **Construction Reinforcement Materials Inspection**
 - Strength Testing
 - Formwork Inspection
 - Rebar Inspection

MATERIALS TESTING

- **Masonry/Concrete Inspection**
 - Foundation Inspection
 - Floor Flatness
 - Strength Tests
- **Asphalt Inspection**
 - Compaction/Density Analysis
 - Bituminous Testing
- **Structural Steel Inspection**
 - Weld and Bolt Testing
 - Load Bearing Analysis

OUR APPROACH:

Pinnacle's professional team of dedicated engineers and certified technicians has the expertise and field testing experience to document or investigate performance problems with all types of construction materials.



First, project plans and construction documents are reviewed. A field investigation follows to evaluate and document site conditions as they relate to project plans. Next, the use and installation of construction materials are verified in accordance with project specifications and codes, and lastly, if necessary, a comprehensive repair and/or strengthening plan is developed to correct any geotechnical issues relating to construction on the site.

BENEFITS TO YOU:

- Our same-day response on inspections and testing keeps problems in check and projects on track.
- Pinnacle's team is readily available to assist with any site preparation, and testing issue. Our experienced field technicians interact directly with field crews to expedite corrections to geotechnical issues as they arise.

PINNACLE SOLUTIONS:

- Pinnacle engineers recommended, and coordinated sub-grade corrections to correct frost related damage beneath footings of a commercial construction project that experienced settlement related to improper winter construction techniques.