

Masonry Consulting

At CTLGroup, we solve problems involving all masonry materials and systems. Our clients include architects, structural engineers, contractors, facility owners, government agencies, insurance companies, attorneys, and material manufacturers. Our services include:

Masonry Inspections

Detailed on-site inspections that include visual observation, nondestructive testing, and exploratory examinations. When needed, on-site and laboratory testing of materials assure conclusive results. Upon completing the investigation, we prepare a comprehensive report addressing the current condition of the masonry, causes of masonry distress, and repair recommendations.

Project Document Review

We examine all masonry-related information in the architectural drawings, structural drawings, and project specifications to detect design oversights and code violations.

Construction Inspections

The ACI 530/ASCE5/TMS402 Code requires inspection and quality control of materials in masonry construction. Construction monitoring helps ensure trouble-free, reliable structures, and built-in conformance with the contract documents. We offer qualified inspection

services for both new construction and remedial work on aging structures.

Historic Restoration

CTLGroup can investigate how the structure was originally designed and built, review repairs made over the life of the structure, analyze/design replacements to simulate obsolete construction materials, and develop repair programs to restore the structure.

Litigation Support

Our professional staff can conduct forensic investigations for masonry building failures and produce a detailed report that contains all the technical documentation needed to support our expressed opinion. CTLGroup also offers expert witness testimony and litigation strategies.

Preventative Maintenance Programs

CTLGroup's field inspections often identify and resolve potential problem areas before a structure suffers significant damage and needs costly repairs. In some instances, nondestructive on-site tests are needed to supplement visible clues. Our firm can also develop cost-efficient preventive maintenance programs for facility owners and managers.

