

# 1 RCNY §16-01

## CHAPTER 16 INSPECTION OF EXISTING STRUCTURES DURING CONSTRUCTION OPERATIONS

### §16-01 Controlled Inspection of the Stability and Integrity of Existing Structures During Construction Operations

(a)(1) All alterations to existing structures in which loads are transferred from one system of structural elements to another such as in the installation of columns or girders to replace existing bearing walls, the creation of openings or slots in existing bearing walls, girders or floors, or where the stability or integrity of a structural system is to be temporarily diminished, shall be conducted under controlled inspection.

(2) The Department of Buildings will not approve any plans or amendments thereto where work, as described in §16-01(a)(1), is to be performed unless a registered architect or professional engineer (hereinafter referred to as “controlled inspection architect or engineer”) retained by the contractor or owner and approved by the registered architect or professional engineer seeking approval of such plans submits to the Department a Technical Report: Statement of Responsibility (“TR-1”) or any similar document which the Department may use in the future whereby the controlled inspection architect or engineer assumes responsibility for the controlled inspection of the existing structure during construction operations to determine its stability and integrity.

(b)(1) The details of shoring, bracing or other construction required for such work and the phasing, staging, and sequence of such operation shall be:

(i) Shown on the structural plans that are submitted to and approved by the Department or,

(ii) Prepared in the form of shop or detail drawings by a registered architect or professional engineer authorized, retained, or hire by the owner, contractor, or sub-contractor, and reviewed by the registered architect or professional engineer who prepared the structural plans.

(c) The controlled inspection architect or engineer shall retain a copy of the documents described in § 16-01(b) in his or her office and shall provide a copy to the contractor and/or owner to be kept at the construction site.

(d) The controlled inspection architect or engineer shall determine the frequency of inspections needed and whether he or she should inspect the site personally or send a person under his or her direct supervision. At a minimum, the site must be inspected twice, once at a pre-construction meeting with the contractor and once during construction operations.

(e)(1) The controlled inspection architect or engineer, for each job which requires the submission of a TR-1 pursuant to §16-01(a)(2), shall maintain a log in his or her office which includes the following information:

- (i) address of the premises, job number, contractor name and address, and
- (ii) date and time of each inspection including

(A) names of personnel who inspected the site, and

(B) any significant observations or instructions given relating to any of the following:

- ((a)) deviations from the documents described in §16-01(b);
- ((b)) anticipated field conditions;
- ((c)) proper execution of the work;
- ((d)) good engineering practice;
- ((e)) safe job-site conditions;
- ((f)) precautions taken to maintain safe conditions if work is stopped for any reason.

(iii) the date of and participants in any conversations with the controlled inspection architect or engineer occurring off-site and relating to any significant observations or instructions specified in §16-01 (e)(1)(ii)(B)((a) through ((f)).

(f) he controlled inspection architect or engineer shall report unsafe conditions to the Department of Buildings and/or any other affected parties or agencies.

(g) Upon request of the Department, the controlled inspection architect or engineer shall make available for review by the Department documents described in §16-01(b) and the log described in §16-01(e).

(h) *Exemption of Frame Structures.* Frame structures shall be exempt from these rules and regulations except for the alteration of arches, rigid frames, trusses and the creation of openings exceeding 10 feet in length in bearing walls.