



## STATEMENT OF SPECIAL INSPECTIONS

**Project:** Reich Elementary School Elevator Addition  
**Address:** 353 Cumberland Avenue, Portland, ME 04102  
**Owner:** City of Portland

**Architect/  
Engineer:** Oak Point Associates  
231 Main Street  
Biddeford, ME 04005

**Structural Engineer  
of Record:** David N. Martin, PE, SE  
ME LIC NO: 6622

The following Special Structural Inspections in accordance with Section 1704 of Chapter 17 of the 2006 International Building Code (IBC 2006) are required to be performed.

Special Inspector (s). Special Inspector(s) shall be hired by the contractor and approved by the owner and shall be qualified by knowledge and experience. Special Inspector(s) shall be independent of contractor quality control staff/testing agencies.

Reports- Special Inspector shall keep records and prepare reports in accordance with paragraph 1714.1.2 of Chapter 17 of IBC 2006.

### Structural Steel

- 1) Periodic Inspections shall be performed for the following in accordance with Table 1704.3:
  - a. Identification of steel markings in accordance with ASTM standards
  - b. Review of fabricator's certificate of compliance.
  - c. Inspection of high strength bolting (bearing connections).
  - d. Inspection of single pass fillet welds.
  - e. Inspection of floor deck and roof deck welds and mechanical fasteners.
- 2) Continuous Inspections shall be performed for the following in accordance with Table 1704.3:
  - a. Inspection of multi passes fillet welds.

### Concrete

- 1) Periodic Inspections shall be performed for the following in accordance with Table 1704.4:
  - a. Inspection of reinforcing steel
  - b. Verification of concrete design mix.
  - c. Inspection of maintenance of specified concrete curing temperature and techniques.
  - d. Inspection of formwork prior to concrete placement.

- 2) Continuous Inspections shall be performed for the following in accordance with Table 1704.3:
  - a. Verification of specified concrete testing procedures.

Masonry (Level 1)

- 1) Periodic Inspections shall be performed for the following in accordance with Table 1704.5
  - a. Verification of preparation of on- site mortar, and construction of mortar joints and location of reinforcement as start of masonry construction.
  - b. Protection of masonry during cold weather (below 40 deg F) and hot weather (above 90 deg F).
  - c. Prior to grouting verification that grout space is clean, placement of reinforcing steel is correct and size of reinforcing steel is correct.
  - d. Compliance with required inspection provisions of construction documents.
- 2) Continuous Inspections shall be performed for the following in accordance with Table 1704.5.
  - a. Grout placement shall be verified for compliance with code and construction documents during placement of grout.
  - b. Observation of any required grout and mortar specimens.