

FIELD OBSERVATION REPORT
Price Structural Engineers, Inc.

Project: 3 – Unit Apartment
Location: 62 Cumberland St.; Portland, ME
Date: December 14, 2010
Time: 12:30 PM

Weather: Partly Cloudy
Temperature: 40 deg. F.
Contractor: Island Carpentry
Site contact: Mike White (Contractor)

Project Items to be Observed:

Preparations for concrete spread footing placement

Field Observations / Project Status:

1. Preparations in progress for spread footings at 5 locations.
2. Bottom of excavations dry, drainage stone observed at base of footings.
3. Footing reinforcement size, quantity and location appeared to conform with project design documents.
4. Vertical #8 reinforcement dowels installed with hooks.
5. Laser level used for vertical control of footing elevation.
6. Concrete blankets observed on site for frost protection.
7. Steve Down (geotechnical engineer) was on site and reported that soil bearing strata below footings was sound. He also reported that he observed perforated footing under-drains during previous site visit that appeared to conform to plans and specifications.
8. Sleeve at foundation wall pipe penetration appeared to be installed as specified.

Items Needing Correction:

1. Vertical #8 reinforcement dowels not adequately secured or aligned which could cause problems for concrete cover during future pier placement.
2. String-lines not observed for horizontal positioning of footings.
3. GC reported concerns that previous concrete piers were not accurately placed per drawings

Corrective action taken:

1. Steps to position and secure vertical #8 bars taken by concrete contractor during site visit
2. String lines used for alignment.
3. GC surveyed existing piers and submitted request for relocation of some gridlines

General:

The purpose of this site visit is to observe the project and generally become familiar with the progress and quality of the Contractor's work and to assess whether the work is proceeding in general conformance with the construction documents regarding the specific items listed within this report. The client has not retained Price Structural Engineers Inc. to make detailed inspections of every structural component, perform structural design or to provide exhaustive or continuous project review.

Price Structural Engineers Inc. shall not, during such visits or as a result of any observations of construction, supervise, direct or have control over Contractor's work nor shall Price Structural Engineers Inc. have authority over or responsibility for the equipment, means, methods, techniques or procedures by the Contractor or health and safety precautions in programs incident to the work of the Contractor. Price Structural Engineers Inc. does not assume responsibility for Contractor's failure to comply with laws, rules, regulations or codes or the Contractor's failure to furnish and perform their work in accordance with the construction documents and does not guarantee the performance of the construction contract by the Contractor.

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Photo # 1 – Jeff Munn Excavation



Photo #2 – Concrete pier placed previously



Photo # 3 – Existing retaining wall at left



Photo #4 – Foundation wall with beam pocket



Photo # 5 – Formwork for footing at grid A/1



Photo #6 – Formwork for interior A.9 footing