

07-0559

October 22, 2007

University Credit Union
Attention: Joseph Gervais, Executive Vice President
391 Forest Avenue
Portland, ME 04101

Subject: Compilation Report
 Construction Materials Testing and Special Inspection Services
 Proposed University Credit Union
 1071 Brighton Avenue
 Portland, Maine

Dear Joseph,

The following is a summary of observations, inspections and testing performed at the Proposed University Credit Union at 1071 Brighton Avenue in Portland, Maine.

Earthwork

Item	Agent	Scope
1. Shallow Foundations	GE, TA	Inspect soils below footings for adequate bearing capacity and consistency with geotechnical reports. Inspect removal of unsuitable material and preparation of subgrade prior to placement of controlled fills.
2. Controlled Structural Fill	TA	Perform sieve tests and modified proctor tests on each source of fill material. Inspect placement, lift thickness and compaction of controlled fill.

On July 6, 2007, foundation subgrade observations and preparation recommendations were made by Sebago Techniques (project geotechnical engineer). Compaction tests of fill materials were made on the building interior on August 2 and 16, 2007. See attached observation report and field and laboratory test results.

Cast-in-Place Concrete Construction

Item	Agent	Scope
1. Mix Design.	TA	Review concrete batch tickets for each required strength of concrete for conformance with Construction Documents.
2. Reinforcement Installation	TA	Periodically monitor reinforcement for grade, size, quantity, spacing, condition, cover, and placement.
3. Bolts installed in Concrete	TA	Continuously monitor the installation of concrete embedded bolts.
4. Concrete Placement	TA	Continuously monitor concrete placement operations.
5. Testing and Evaluation of Concrete Strength	TA	Continuously sample and test concrete, and review results in accordance with Construction Documents.
6. Curing and Protection	TA	Monitor curing procedures and protection of concrete from high/low temperatures and rapid loss of moisture. Verify conformance with Construction Documents.

Between July 24, 2007 and October 11, 2007, concrete reinforcing steel observations as well as field and laboratory testing was performed for the building foundation footing, walls and interior slabs. Based on our observations and test results, the cast-in-place concrete was placed in accordance with the project specifications. See attached observation reports and field and laboratory test results.

October 22, 2007

Steel Construction

Item	Agent	Scope
1. Material Certification.	TA	Monitor structural steel, bolts and weld filler materials for conformance with Construction Documents.
2. Field Welding.	TA	Monitor and test field-welded connections for conformance with approved Shop Drawings, and Construction Documents. Check welder qualifications. Visually check fillet welds and test partial/full penetration welds using applicable non-destructive methods.
3. Structural framing, Details and Assemblies.	TA	Monitor grade of steel, size, placement, and connection details for conformance with approved Shop Drawings, and Construction Documents.

On August 29 and October 19, 2007 site visits were made to observe/inspect structural steel construction. Based on observations/inspections performed by Quality Assurance Lab, Inc. the work observed was completed in accordance with the project specifications. See attached reports.

Sincerely,

S.W. COLE ENGINEERING, INC.

Roger Domingo

Construction Services Manager