

July 26, 2013

File No.: 2013-000

Hong Kong Market
945-947 Congress St.
Portland, ME 04102

Attn.: Ri Teng Li

Subject: Foundation Inspection – 945-947 Congress St.

Per your request, we performed a site visit to 945-947 Congress St. in Portland, Maine. The purpose of our site visit was to inspect the foundation of the building along Congress St. to assess any damage caused by the water main break adjacent to the building.

This building, when originally built, had a 2nd floor that cantilevered over the side walk by approximately 2 feet. At some point, space below the overhang was infilled with a new 2' wide structure supported on a CMU frostwall. The CMU frostwall was significantly damaged/undermined by the water main break and temporary underpinning is required to hold up this structure where the frostwall was undermined. We recommend that a new 12" reinforced CMU frostwall (founded on suitable soil) be constructed below the brick wall/concrete slab of the 2' wide addition where the existing frostwall was damaged/undermined. The foundation wall of the original building was only minimally affected by the water main break and does not require any shoring.

If you have any questions, feel free to call us.

Sincerely,
Shelley Engineering, Inc.
Patrick Jordan
Patrick D. Jordan, P.E.