Inspections Division
Date: 10/08/13

Structural Integrity
Consulting Engineers, Inc.

September 20, 2013

Mr. Bill Hopkins,
Archetype, P.A.
48 Union Wharf
Portland, ME 04101

Reference:
Fire Damage Observation
418-420 Fore St.
Portland, Maine

Dear Bill,

The opinions and comments contained in this memo are based on limited visual observations made during a site visit made by Matt Legere, E.I.T. and later in the day by myself. No destructive physical testing was performed. No warranty expressed or implied, as to the condition of the structure, is intended.

First of all, we are of the opinion that at the above referenced site the second floor (Fore St. level) and above is suitable for occupancy or construction activity as the brick bearing walls that carry theses floors have been minimally affected by fire in the basement. It should be noted that the stairs leading to the lower entrance of Mark's Place should be repaired prior to usage.

It appears that the structural damage from the fire was localized to the first floor and its supports. The floor here should be shored prior to any work/access. Though, in order to begin shoring work, an access hole needs to be cut in the 1st floor to avoid any walking on the unsupported framing.

Once, safe access is achieved the floor framing is be shored and repaired/replaced as needed in a linear fashion working towards the Fore St. side of the building. The work should proceed as if it were a mining operation.

Please do not hesitate to contact us with any questions or if you would like us to be onsite to evaluate this process.

Sincerely,

Aaron C. Jones, P.E., SECB, LEED AP BD+C
President

STATE OF MAINE
AARON C. JONES
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LICENSED
PROFESSIONAL ENGINEER

9/20/13

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