



DEPARTMENT OF BUILDINGS
CITY OF CHICAGO

COMMITTEE ON STANDARDS AND TESTS

February 21st, 2017

Attn: Matt Kelly
Earles Architects and Associates
Suite 100, 566 West Lake Street
Chicago, Illinois 60661

Re: Committee on Standards and Tests

Issue: **The Use of Fire Shutters to provide enclosure for a convenience stair at 320 North Elizabeth Street (A Heavy Timber Building).**

Case: 2017_2A

Dear Matt Kelly,

In response to your, August 17th, 2016 presentation to the Committee on Building Standards Tests, the Committee has voted to approve your request for the use of Fire Shutters to enclose the convenience stair at 320 North Elizabeth Street. This approval is subject to the following requirements:

1. At the 2nd floor level - The existing 'Cookson' 2 hour fire rated fire shutters and sprinkler water curtain system (with sprinklers at 6'-0" O.C.) will be maintained.
2. 3 new 'Cookson' fire shutters will be installed at the first floor as presented on Sheet SK01.
3. All of the "Cookson" fire shutters will be provided with the "Firefly" release device tied into the fire alarm panel which will initiate the closing of the fire shutter upon water flow in the sprinkler system or any alarm condition.
4. The fire shutters will also be equipped with fusible links to initiate closure.
5. The shutters shall be drop tested a minimum of 2 times per year.
6. A one hour fire rated infill gypsum board partition will be provided above the fire shutters to provide a full enclosure of the stair.
7. 3 additional hard wired system smoke detectors will be provided at each level in proximity to the fire shutters.
8. 1 Additional hard wired smoke detector will be provided over the stairs.
9. A "Trudoor" 90 minute fire rated self-closing man door assembly will be provided at the first floor to prevent entrapment. This door will normally be in an open position on a magnetic hold open but will close upon water flow or any alarm condition from the fire alarm panel.
10. Permanent and legible signage will be provided at the columns on both floor levels stating: DO NOT BLOCK THE OVERHEAD FIRE SHUTTERS". The floor material under the fire shutters shall be a different material to help visually clarify the area where the fire shutters will close.
11. The existing fire alarm panel currently located in the exit stair will be re-located to the main entry lobby.



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February 21st, 2017

Attn: Matt Meyer
Hill Fire Protection
11045 Gage Avenue
Franklin Park, Illinois 60131

Re: Committee on Standards and Tests

Issue: The Use of Flexible Sprinkler Heads as Manufactured by “Vitualic” at the Apple Store
401 North Michigan Avenue.

Case: 2017_2B

Dear Mr. Meyer,

In response to your, February 15th, 2017 presentation to the Committee on Building Standards Tests, the Committee has voted to approve your request as presented, for the use of “Vitualic” flexible head sprinklers for the Apple Store under construction at 401 North Michigan Avenue.

This approval is subject to the following requirements:

1. These sprinkler heads shall be installed and maintained in conformance with the manufacturer’s product listing and installation requirements.

All other Building Code requirements shall be met. This installation is site specific and shall not be viewed as a precedent. A permit is required for this work. A signed hard paper copy of this communication will be mailed to you at a later date. Please contact your project administrator for further assistance.

Very truly yours,

Robert Fahlstrom

Manager of Regulatory Review

Chair of the Committee of Standards and Tests

For Judith Frydland, Commissioner



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All other Building Code requirements shall be met. This installation is site specific and shall not be viewed as a precedent. A permit is required for the installation of the glass. Please contact your project administrator for further assistance.

A copy of this letter shall be scanned to the cover sheet of plans which will be submitted to the Department of Buildings for the infill glass enclosure around the convenience stair.

Very truly yours,

Robert Fahlstrom

Manager of Regulatory Review

Chair of the Committee of Standards and Tests

For Judith Frydland, Commissioner