



**DEPARTMENT OF BUILDINGS**  
**CITY OF CHICAGO**

**COMMITTEE ON STANDARDS AND TESTS**

June 21st, 2017

**Attn:** Jeremy Franklin  
Perkins and Will  
Suite 1600 –the Wrigley building  
410 north Michigan Avenue  
Chicago, Illinois 60611

**Re:** Committee on Standards and Tests

**Issue:** Extension of an existing 3 story convenience stair from the 43<sup>rd</sup> to the 42<sup>nd</sup> floor at One North Wacker Drive.

**Case:** 2017\_6A

Dear Jeremy Franklin,

In response to your, June 21<sup>st</sup>, 2017 presentation to the Committee on Building Standards Tests, the Committee has voted to approve your request (as presented) to extend the existing 3 story convenience stair which currently runs from the 45<sup>th</sup> floor down to the 43<sup>rd</sup> floor at One North Wacker Drive in the offices of Barnes and Thornburg. With this permission, the convenience stair may be extended down from the 43<sup>rd</sup> floor to the 42<sup>nd</sup> floor.

This approval is subject to the following conditions:

1. All side swinging egress doors which serve the convenience stair shall have self-closing devices.
2. The activation and closing of the overhead fire shutters located at the 42<sup>nd</sup>, 43 and 44<sup>th</sup> floor will be initiated by the following:
  - Water flow or other fire alarm signal originating from floors 41 through 46.
  - Hardwired smoke detectors located on each side of the fire shutter at a maximum distance of 5'-0" from the shutter. The smoke detectors shall be connected to the fire alarm system.
  - Fusible Link.
3. The gate to prevent access from the 44<sup>th</sup> to the 45<sup>th</sup> floor shall be located at the midpoint of the intermediate stair landing located between the 44<sup>th</sup> floor and the 45<sup>th</sup> floor and shall swing in the direction of egress and swing to the open position against the backside of the intermediate stair landing. The gate shall be equipped with store room hardware and may latch but shall not be lockable.



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4. As presented, the convenience stair at the 45<sup>th</sup> floor will be enclosed on all sides with 2 hour fire rated partitions running tight and fire stopped to the structural deck above.
5. The architect shall consider whether switched lighting is required to illuminate the portion of the stair and stair enclosure above the intermediate landing between the 44<sup>th</sup> and 45<sup>th</sup> floor.
6. Permanent warning signage shall be provided on all floor levels with fire shutters stating "Do Not Block or Obstruct the Overhead Fire Shutter"
7. Visual warning lights and an audible signal shall be provided for the fire shutters when the fire shutters are activated and begin to close.
8. As presented, the existing steel stud and gypsum board partitions, fire shutters, and side swinging doors currently protecting the convenience stair shall be inspected, evaluated for conformance with the Chicago Municipal Code and repaired or replaced as required to fully meet all Code 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