



## DEPARTMENT OF BUILDING INSPECTION

City & County of San Francisco  
1660 Mission Street, 2nd Floor, San Francisco, California 94103-2414  
(415) 558-6001 Fax (415) 558-6041

### FIELD REPORT September 06, 2018

**Street Address:** 301 Mission Street  
San Francisco, CA 94105 **Report No.:** 2018-011

**Block / Lot:** 3719 / 020-440

**Date/Time of Visit:** September 6, 2018 / 9:00 A.M.

**Site Visit By:** Edward Sweeney, DBI Deputy Director  
Gary Ho, DBI Senior Engineer  
Cyril Yu, DBI Engineer

**Type of Construction:** I-A  
**Occupancy Classification:** R-2 / A-3 / A-2 / S-3 / M  
**Occupied or Vacant:** Occupied  
**No. of Stories:** 58 Story + 1 Basement

#### Background

The residential units of the Millennium Tower at the above reference site is a 58 story + 1 basement, reinforced concrete structure constructed in 2009 located on the northwest corner of Mission Street, adjacent to Fremont Street. The residential tower serves as 420 residential dwelling units. The above referenced DBI team responded on September 6, 2018 at 9:00am to evaluate the damage due to cracks in the glazing of the curtain wall system on the 36<sup>th</sup> floor along Mission Street which occurred early morning on September 2, 2018.


#### Structural Observations

DBI mobilized on site and performed a walkthrough of the residential tower along Mission Street, beneath the cracked window. Cracks in the glazing were neither visible nor observable from the street. DBI proceeded to the 36<sup>th</sup> floor into Unit B where the cracked glazing occurred along Mission Street. The cracks occurred on a single non-operable pane which initiated adjacent to the vertical mullion of the curtain wall system which spider-webbed radially. No visible damage were observed on surrounding glazing panels and mullions.

#### Actions

DBI has coordinated with DPW to position an emergency temporary pedestrian barrier along the sidewalk on Mission Street, directly under the cracked insulated glass panel, as a preemptive public safety measure for pedestrian protection. In addition, DBI is in coordination with the Chief Building Engineer of the above reference property to install fall-protection scaffolding along Mission Street to provide pedestrian access and overhead protection; where scaffolding operations are currently mobilizing and will be fully erected by this evening. Protective scaffolding shall be in place until defective window is replace and hazard to public safety is mitigated.


The building owner shall immediately engage an architect, civil or structural engineer to provide a detailed report addressing the conditions, hazards, and recommendation for hazard mitigation no later than Friday, September 7, 2018. In addition, mitigation efforts shall be performed by an experienced, licensed contractor specialized in installation and removal of insulated glass panels.

Report prepared by: 

Cyril Yu, M.S., P.E.  
Engineer, PRS Division Supervisor

Report reviewed by: 

Gary Ho, S.E.  
Senior Engineer, PRS Division Manager

Report reviewed by: 

Edward Sweeney  
Deputy Director, BID Division