



Edwin M. Lee, Mayor  
Mohammed Nuru, Director



Patrick Rivera, Division Manager

**To:** Lombard Plaza Homeowners Association (LPHA)  
240 Lombard Street, San Francisco, CA 94111

**From:** Reza Baradaran, Geotechnical Engineer  
SF Department of Public Works  
30 Van Ness, 5<sup>th</sup> Floor, San Francisco, CA 94521

**Subject:** Winterization Recommendations for  
Slope of Telegraph Hill above 240 Lombard

**Date:** November 16, 2012

SFDPW is in agreement with recommendations provided by your engineering consultant, Cotton, Shires and Associates, Inc (CSA). CSA recommend the following course of action to reduce risk of injury or potential for property damage during the upcoming rainy season and until permanent mitigation measures are implemented at the site:

1. Access through the area of concern including the entire length of Winthrop should be restricted to emergency vehicles and engineering/geologic professionals only. Trash removal should be performed only during daylight hours and not during heavy rainfall conditions. Neither automobile nor pedestrian traffic should be permitted between the Parc Telegraph building and the slope, and existing gate structures should be augmented and signed to facilitate this restriction. Signs should be placed to warn residents and public at large to avoid entering onto the restricted areas.
2. In case of emergency evacuation of building and evacuation through the emergency exits on Winthrop Street, residents, personnel and staff should be advised not to congregate on Winthrop Street. They should vacate the Winthrop street immediately.
3. The existing span of concrete 'K-rails' that is located on the east side of the access road near the southwest corner of the building should be extended to include shadowing the PG&E transformers south of the Parc Telegraph building, and should be extended northward approximately 30 feet from the southwesterly corner of the building, shadowing the building for this stretch. The K-rails should be equipped with a minimum 6-foot high chain-link fence atop the rails. The K-rails should be provided with an overlapping gap near the corner of the building such that trash bin removal can be performed.



4. Following significant storm events (1 inch of rainfall per day or greater), earthquake events, or any significant rockfall activity, the slope should be inspected by a representative of Cotton, Shires and Associates.
5. Lombard Plaza HOA should immediately inform SFPDW of any new observed adverse events (rockslide, erosion, runoff on the hillside, damage to the catch fence, etc.).
6. Residents that face the precipitous slope should be made aware of the rockfall hazard potential and should let the property manager and/or the LPHA representatives know if they observe rockfalls, raveling, or small rockslides. Of particular concern would be persistent raveling (where small groups of rocks dislodge from the slope face and dribble down the face again and again) of even very small sized rocks from the same area. Persistent raveling could potentially foreshadow a larger rockfall event.

