

# Case Study: Western Construction Systems FRCM Project

**Location:** Portland, Oregon, Reed District

**Problem:** Client wanted to add structural integrity to the home in order to better withstand a seismic or wind event. While the home's overall strength and durability were of course the owners' main concern, they also wanted an upgrade that wouldn't detract from the home's appearance.

**Solution:** We selecting fabric-reinforced cementitious matrix (FRCM) as the best solution for strengthening the home's unreinforced concrete basement walls.

**Ref:** Structural engineering website.  
<https://seblog.strongtie.com/>

