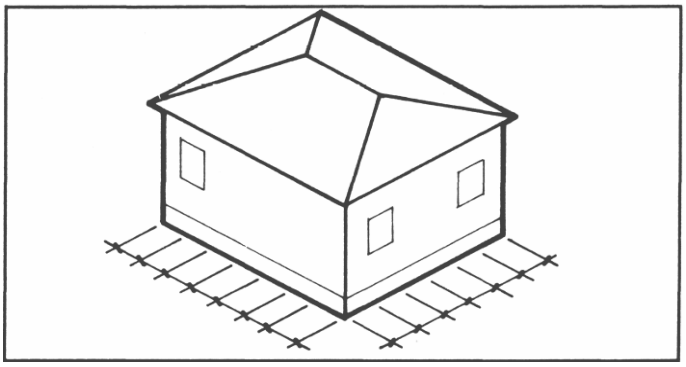
California Earthquake Preparedness

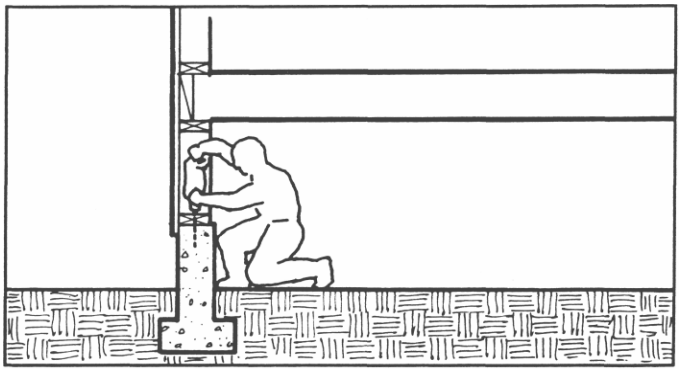
Cupertino Office of Emergency Services
408 777-3335
www.cupertino.org/emergency

ADD FOUNDATION BOLTS:

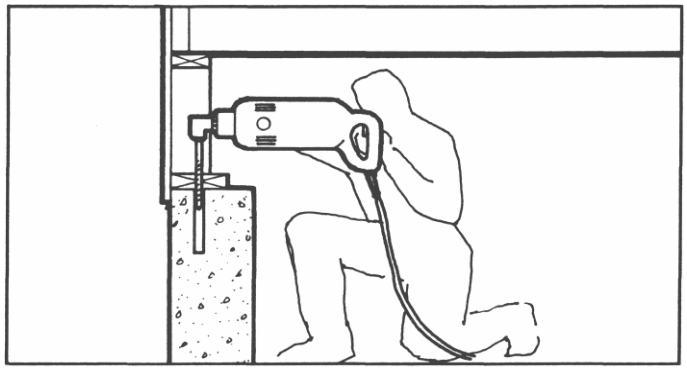
To keep your house on its foundation during an earthquake.



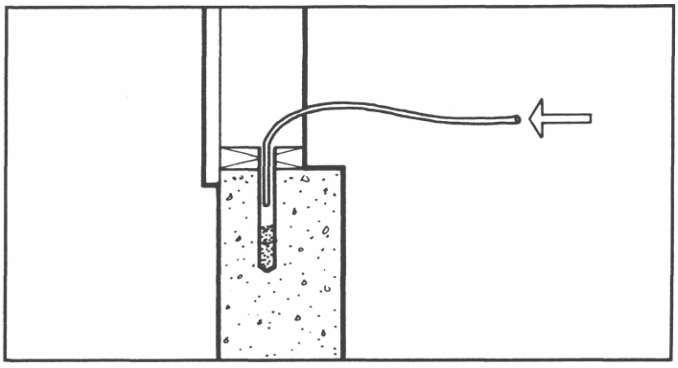
1. Layout bolt locations. For the typical one story house, ½" diameter bolts at 6 feet on center



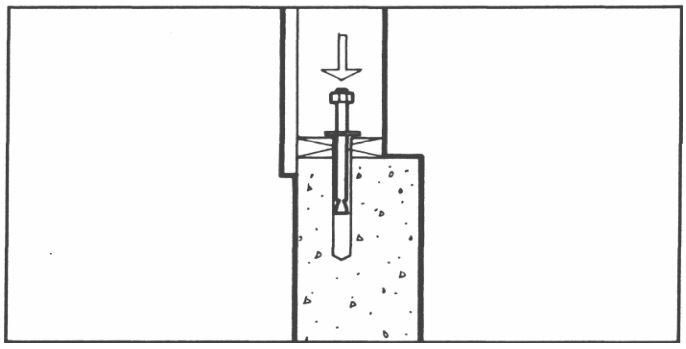
2. Drill through existing sill into the concrete foundation for 8 ½" long expansion bolts, using carbide drill bits.



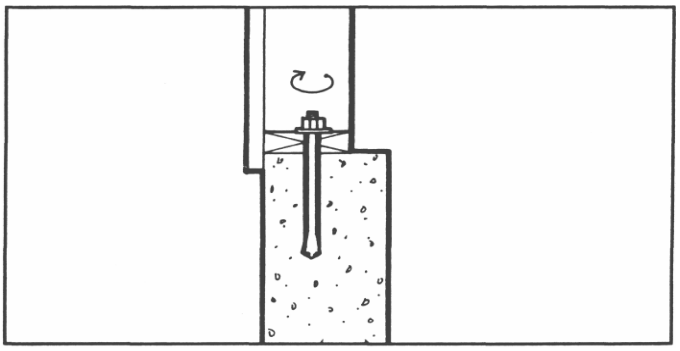
3. Use right angle drill for tight access places where the crawl space is low.



4. Blow all the dust out of the drilled holes using a rubber tube.



5. Insert expansion bolt with the washer and nut attached. Leave nut at top of bolt when tapping the bolt in place to protect the threads



6. After tapping bolt in place, tighten the bolt by turning the nut. Do not over tighten or bolt will be damaged.

Be sure to observe all safety rules and be sure to utilize safety tools such as gloves, goggles, and dust mask (rated N-95)