

**PURPOSE:**

The purpose of this standard is to specify design standards for soundwalls which are better able to resist earthquake damage and to eliminate those designs which have shown poor performance during earthquakes.


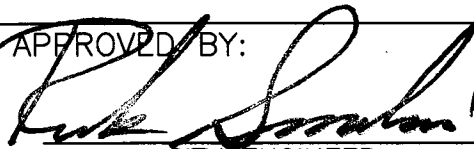
**DESIGN:**

The minimum design standard shall conform to the latest revision of the Uniform Building Code with revisions that has been adopted by the City of Gilroy, except as supplemented by the following General Notes:

**GENERAL NOTES:**

Unacceptable designs are:

1. A pre-cast wall and post assembly which is welded to a reinforced concrete pier. This type of wall exhibits a tendency to crack or break the weld at the base of the post.
2. A pre-cast wall panel which is mounted between two posts which are built-up of concrete blocks with unreinforced wall retainers. The retainers on this type of wall exhibit a tendency to break-off, in some cases resulting in the collapse of the wall.
3. Designs which meet the structural requirements of the UBC but have elements which will contribute to failure in an earthquake in the opinion of the City Engineer.

<h1>SOUNDWALL DETAILS</h1>	DRAWN BY: LDL	SCALE:
	CHECKED BY:	N.T.S.
	LAST REVISED: 10/04	
 APPROVED BY:  CITY ENGINEER	SECTION: <b>SOUNDWALL</b>	
	AUG 12 2005 DATE	DRAWING NO.: <b>SW-1</b>