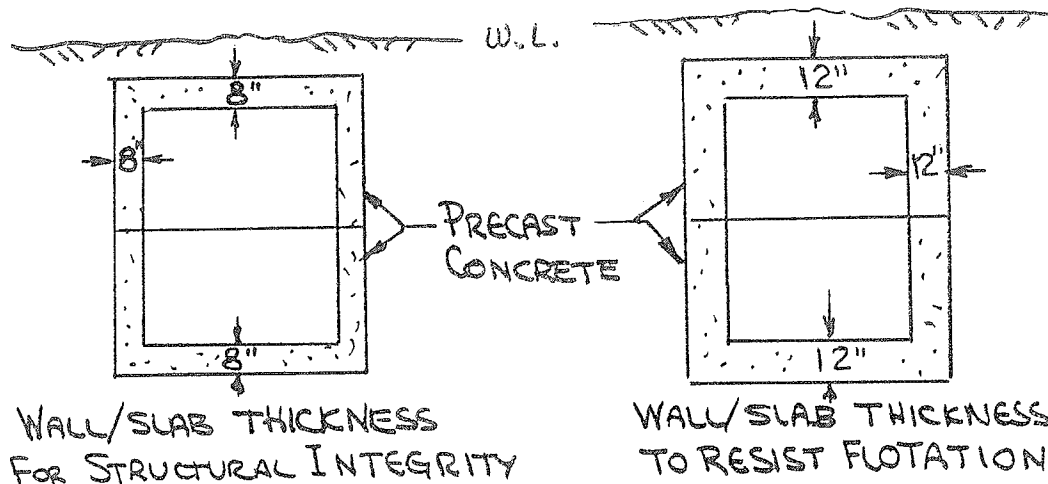


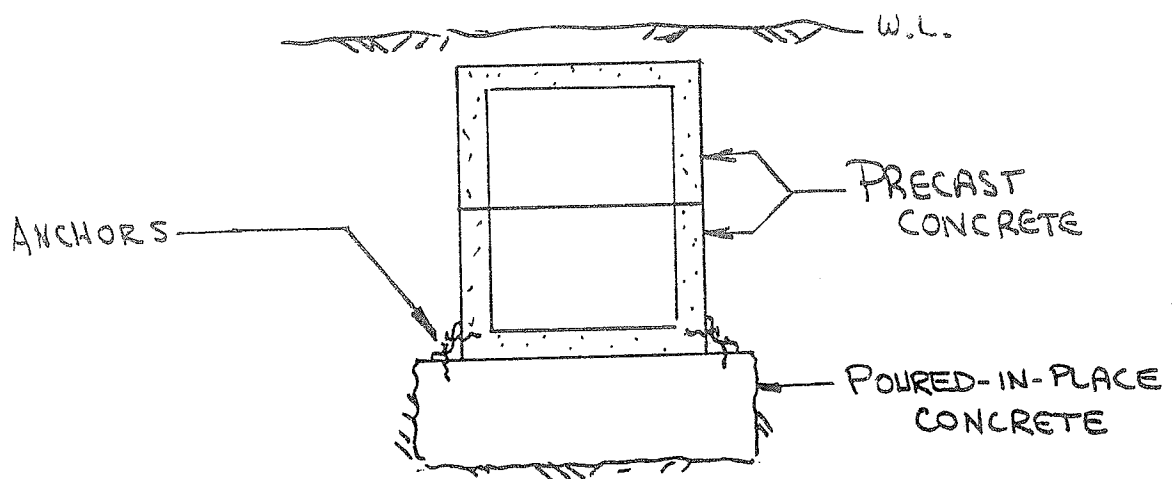
Question 8: WHAT ARE SOME METHODS USED TO OVERCOME A BUOYANCY PROBLEM?

A. Use Concrete Mass

1. Use walls and slabs thicker than required for structural integrity. This can be expensive not only because of extra concrete but also because of shipping and handling costs.



2. Anchor the structure to a large concrete mass poured at the site.



This method may be undesirable because poured in place concrete can be expensive. Also, care must be given to design and installation of the anchors. Both slabs must be perfectly flat or cracking will result in the walls or the precast slab.