



DEMOLITION/BACKFILL OF EXISTING SWIMMING POOLS

When a swimming pool is to be demolished and/or backfilled, the following shall be required:

1. A building permit shall be issued to “demolish existing swimming pool remove equipment, cap/terminate gas and electrical system, and fill excavation with ____ cubic yards of earth.” In general, it will not be necessary to issue separate electrical, mechanical and grading permits.
2. A plot plan shall be submitted by the applicant. This plan must specify the locations and uses of existing buildings on the site and the location of the existing pool and proposed fill.
3. The pool shall be removed to a point 2'-0" below the resulting finished grade.
4. Drainage holes shall be made in the bottom of the pool as follows:
 - a. One 2'-0" square hole (or other opening of equivalent are) in the deep end of the pool;
 - b. Additional 1'-0" square holes (or other openings of equivalent area) distributed evenly at a rate of one for every 50 square feet of pool area; and
 - c. Two holes minimum
5. The gas line and electrical system shall be capped/terminated in a approved manner (see UBC or NEC code section)
6. The applicant will provide the City's Counter Technician with a Soils Engineer's written recommendation (2 copies, wet-stamped and signed) specifying the fill material to be used, the placement of backfill, and method of compaction; and
 - a. The Soils Engineer shall certify that the expansion index of the fill does not exceed 20.
7. A inspection will need to be requested and after the first inspection is made and approved, the fill may be placed provided that a soils Engineer or Soils Technician provides written certification that:
 - a. He or she witnessed the pool backfill operation (site address and date of work to be specified);
 - b. The fill material and the method of backfill used on the job were per the Soils Engineer's written recommendation required by provision 6 above;
 - c. The fill is compacted to a minimum of 90% of maximum density; and
 - d. In cases where a combined of natural soil and graded rock are recommended, a filter fabric (Mirafi 140, or equal) shall separate the soil from the rock layer. However, at a minimum, the uppermost 30" of the fill (measured from the finished grade) shall consist of natural soil that meets all requirements stated herein.
8. The written certification required by provision 7 must be filed with the Building Inspector before the job can be finaled.