



Swimming Pool Demolition Requirements

Demolition of a swimming pool requires preparing the pool for backfilling, and placement and compaction of backfill material.

The procedure is authorized by issuance of a demolition permit which may be obtained at the public counter.

- Break out three 2' x 2' or equivalent holes in the pool bottom for drainage. One of the holes in the pool bottom for drainage – two of the holes shall be at the low point in the pool.
- Place a 18" thick layer of pea gravel or #4 rock over the fill holes only. Decking or coping should be removed to a depth of 12" below grade minimum.
- Continue to backfill the pool with easily compacted "dirty" sand, commonly called fill sand at building supply outlets. Fill with dirty sand to within 30" of the final surface. Ninety percent relative compaction is required which should easily be achieved with hand equipment on 6" thick sand lifts with prudent use of water.
- If hardscape is to be constructed over the pool area, fill sand may be placed up to the subgrade level for the hardscape material.
- If the pool area is to be landscaped, the upper 18" may be backfilled with suitable planting medium.
- Final grading of the area shall be done so as to avoid ponding of irrigation or rainfall.
- The area of the pool backfill will not be suitable for construction such as a room addition until a foundation investigation is performed which will include compaction tests of the backfill.
- Inspections by a Building Inspector will be required of the following aspects of work:
 - 1. Wiring system to pumps and/or lighting shall be disconnected and all wiring associated with pool shall be removed from conduits or raceways
 - 2. Gas line shall be disconnected and capped off at meter and equipment.
 - 3. The "drain" holes at the bottom of the pool must be observed.
 - 4. The correct backfill rock and sand must be observed or approved by Geotech report.
 - 5. Finished grading will be inspected for proper drainage.
- A Geotechnical Report by Soils Engineer is required prior to call for inspection.

If the backfill rock and sand are on site in **sufficient** quantity when inspection of the drain hole is made, then no further inspection is required until the backfilling is completed at which time a final inspection will be made. If the backfill material is not on site or the volume is **insufficient**, then an inspection will be necessary to observe placement and compaction of the backfill material.