

## **SWIMMING POOL/SPA DEMOLITION REQUIREMENTS**

Demolition of a swimming pool or spa requires preparing the pool/spa for backfilling, and placement and compaction of backfill material. The following procedure is authorized by issuance of demolition permit, which may be obtained at the Building & Safety Department.

- (1) Break out a minimum of two 24"- inch diameter or equivalent holes in the pool/spa bottom for drainage (one hole for spa). One of the holes shall be at the low point in the pool/spa.
- (2) Place a 12" – inch thick layer of pea gravel over the entire bottom of the pool/spa.
- (3) Continue to backfill the pool/spa with easily compacted "dirty" sand, commonly called fill sand at building supply outlets. Fill with dirty sand to within 30" inches of the final surface. **Broken concrete from the pool/spa decking shall not be used for backfill.** Compact the soil firmly with hand compaction equipment on 6" inch – thick sand lifts with prudent use of water.
- (4) If hardscape is to be constructed over the pool/spa area, fill sand may be back filled with suitable planting medium.
- (5) Final grading of the area shall be done so as to avoid ponding of irrigation or rainfall.

**NOTE:** The area of the pool/spa backfill **WILL NOT** be suitable for construction such as room additions, decks, etc., until a geotechnical investigation and inspection is performed by a Registered Soils Engineer. If any construction is proposed for this area in the future, it would be advisable to employ a soils engineer during the pool/spa demolition to avoid additional future costs related to a geotechnical investigation and possible removal and recompaction of backfill.

### **Inspections by a Building Inspector will be required of the following aspects of work:**

- (a) Wiring system to the pumps and/or lighting shall be disconnected and all wiring associated pool/spa shall be removed from conduits or raceways.
- (b) Gas line shall be disconnected and capped off at meter and equipment.

### **The following inspections will be required by the Grading Inspector:**

- (1) The "drain" holes at the bottom of the pool/spa must be observed.
- (2) The correct backfill rock and sand must be observed.
- (3) Inspection of the placement & compaction of the first lift of the fill & approval of compaction method
- (4) Finish grading will be inspected for proper drainage.