

Electrical Inspections for Below Ground Pools

ELECTRICAL INSPECTIONS FOR POOLS IN WOODBURY ARE PERFORMED (AS THEY SHOULD BE THROUGHOUT ALL OF CONNECTICUT) ACCORDING TO THE 2011 NATIONAL ELECTRIC CODE SECTION 680.

The following is the way the electrical will be inspected, so follow section 680. Copies of Article 680 are available in the Building Department. Please ask for a copy. Any questions please call 263-5717.

- 1. All trenches which contain electrical conduit must be inspected for proper depth and proper conduit prior to backfill. If a safety concern exists with the trench left open, then it is the responsibility of the contractor to make safe, but do not backfill.
Underground wiring located within 5 feet of pool--- section 680-10
Underground wiring located beyond 5 feet of pool--- section 300-5**
- 2. No-Niche and wet niche light fixtures installed in pools must be inspected prior to the filling of the pool with water. The pool light shall be wired and installed, but left resting out of the niche on the side of the pool. This inspection will allow the Building Official to see that an insulated #8 grounding conductor is run to the lug inside the niche and to see that the lug is encapsulated with a listed potting compound. Section (680-23)(B)**
- 3. Wiring from Niches shall go to a deck box listed and labeled for the purpose. See article 680-21(a) for junction box requirements.**
- 4. Final Inspection when all electrical is complete.**

NOTE: If a separate panel board is installed and more than one circuit is supplying power to the pool area then two grounding electrodes must be installed.

**Section 680-25B If cord connected maximum of 3 feet in length for cord.
Sect. 680-7 Convenience Outlet between 10 and 20 feet from inside wall of pool.**

All Pools require the installation of time clocks.

These are a few of the most noted violations. Please read Article 680 for all requirements.