City of Brentwood
Planning and Codes Department
5211 Maryland Way
P.O. Box 788
Brentwood, TN 37024-0788

Office (615) 371-2204
Fax (615) 371-2233
www.brentwood-tn.org/planning

♦ COMMERCIAL - SWIMMING POOL INSPECTION PROCESS ♦

(UPDATED JULY 1, 2013)

All swimming pools, spas, and hot tubs shall be installed following adopted code standards. See Section 106 of the International Swimming Pool and Spa Code (ISPSC - International Code Council), 2012 edition.

The final or temporary enclosure shall be installed at excavation stage (excluding 'construction access).

The pool permit holder shall contact the City of Brentwood Planning and Codes Department at (615) 661-7077 and request a "*Fence/Pool Safety Barrier Inspection*".

The State Electrical Inspector will not complete the **bonding inspection until our office has approved the permanent final / temporary enclosure. Where special conditions exist, the area inspector will determine minimum fence/barricade requirements prior to bonding inspection. Any temporary barriers allowed by the building inspector shall be maintained until the permanent barrier/fence is 100% complete.

Due to safety concerns, no test filling of the pool shall be permitted prior to the erection of a protective fence, or placement of a temporary barricade.

Under Section 106 of the ISPSC, a Final Inspection and Certificate of Completion are required *prior to the occupancy of any new pool*.

Prior to occupancy, all requirements from the City of Brentwood Planning & Codes Department and the State Electrical Inspector/State Fire Marshal's Office shall be satisfied. The fence/pool enclosure shall be 100% completed in order to receive a final inspection and certificate of completion.

**All electrical and low voltage permits and inspections are completed through the State of Tennessee/State Fire Marshal's Office. The City of Brentwood furnishes office space for the State of Tennessee representatives, as a convenience for residents, builders and contractors.

Mr. Bill Fox, (615-577-6160) is the State Electrical Permit Clerk, issuing all electrical and low voltage permits. Mr. Fox's office is located within the City of Brentwood Planning & Codes offices. Mr. Fox's office hours are Monday through Friday, 8 a.m. to 12 p.m.

After obtaining a permit, it is the responsibility of the permit holder to contact the inspector so as to arrange a bonding inspection. Scott Mulligan (615-577-6161) is the State Electrical Inspector for the city of Brentwood. Mr. Mulligan can be reached for consult or to arrange an electrical inspection, Monday thru Friday 8 a.m. – 9 a.m., except state-observed holidays.

ROUGH-IN INSPECTION

(This inspection list compiled by the City of Brentwood Planning & Codes Department is not intended to be an all-inclusive list.)

- City and State permits posted and approved plans on site.
- Erosion control in place.
- Temporary or permanent barrier protection is in place.
- Plumbing shall be inspected prior to concealment. (2012-ISPSC/302.4) A water test shall be applied

ROUGH-IN INSPECTION (continued)

to pool circulating system with no less than a 10-foot head of water. Water supply shall be tested with 100 pounds of pressure for no less than 15-minutes with no pressure loss.

- Valves installed require access for maintenance. (2012-ISPC/306.8)
- Potable water supply shall be designed, installed and maintained to prevent contamination (2012-ISPC/318).
- State of Tennessee electrical bonding/grounding inspection prior to concealment.
- Verify pool and proposed apron location is located within the building envelope and not located in PUDE. Survey by professional may be required if pool structure and apron is in close proximity.

FINAL INSPECTION

(This inspection list compiled by the City of Brentwood Planning & Codes Department is not intended to be an all-inclusive list)

- Health Department Approval
- Heater on-off switch, time switches, and cover requirements per 2009 IECC/Section 504.7.1)
- Top of barrier shall not be less than 48 inches above grade, 2 inch maximum clearance between grade and bottom of barrier, vertical distance between solid surface below (concrete) and bottom of barrier not to exceed 4 inches. (2012-ISPC/305)
- Gate and latch requirements per 2012-ISPSC/305.3 & 305.3.3.
- Suction entrapment avoidance shall be provided in accordance with APSP-7. (THERE SHALL NOT BE OBSTRUCTIONS THAT CAN CAUSE THE USER TO BE ENTRAPPED OR INJURED) Letter of compliance to be provided from the designer confirming the system has been installed according to the approved system designed.
- An emergency shutoff switch shall be provided to disconnect all power to recirculation and jet system pumps and air blowers. Emergency shut-off switches shall be provided with access, located within sight of the aquatic vessel and located not less than 5-feet horizontally from the inside walls of the aquatic vessel.
- Public pools and areas that operate during periods of low illumination shall be provided with sufficient emergency lighting to permit evacuation. (2012-ISPSC/321.3)
- Recessed treads shall be provided with a handrail or grab rail on each side of the treads. The clear distance between handrails and grab rails shall be not less than 17-inches and not greater than 24-inches. (2012-ISPSC/322.4.3)
- Depth markers shall be installed at the maximum and minimum water depths and at all points of slope change. (2012-ISPSC/409.2) Depth markers shall be installed at water depth increments not to exceed 2-feet. Depth markers shall be spaced at intervals not to exceed 25-feet (2012-ISPSC/409.2.2)
- Lifesaving equipment shall be provided that includes an accessory pole, throwing rope and emergency response units-first aid kit. (2012-ISPSC/409.4)
- Pools shall have at least two means of entry and exit, located so as to serve both ends of the pool. See exceptions (2012-ISPSC/411)
- Signage: Safety signage advising on the danger of diving into shallow areas and on the prevention of drowning shall be provided as required by the authority that governs such pools. (Health Department) Signs shall be positioned for effective visual observation. Signs shall be posted that clearly indicate the location of the pump emergency shutoff switch. (2012-ISPSC/412)

COMMERCIAL USE

The Tennessee Division of General Environmental Health is also responsible for the inspection of public swimming pools. For more information, contact Joe Norman at (615) 791-5111 ext. 5344.