Swimming Pool Guide

Illustrations to Sec AG 105

The drawings contained in this guide pertain to the IBC - Sec 3199 and the 2012 IRC Chapter 42 and Appendix G and are for illustration purposes only. The written code text shall apply.

Please contact the Town of New Fairfield building department with any questions: (203) 312-5647
 Copies of this document and Applications are available at our website: www.newfairfield.org

All guide information is subject to change.

None of the attached drawings may be used as submittal drawings.
Permit will be denied and returned
HEATH DEPARTMENT GUIDELINES

REQUIRED SEPARATING DISTANCES

- Open Decks to any part of the Septic System .......... 5 feet
- Building without footing drain to Septic System ...... 10 feet
- Building with a full foundation and footing drain to Septic and Well ........................................ 25 feet
- Above ground pool to Septic System .................... 10 feet
- In-ground pool to Septic System and Well ............. 25 feet
- Pool filter water backwash and well .................... 75 feet

SECTION AG 105.13109.4

CROSSSECTION

THE ABOVE GROUND SWIMMING POOL STRUCTURE COULD BE THE BARRIER IF:

SECTION AG 105

ELEVATION

SECTION AG105.2

ELEVATION

None of the attached drawings may be used as submittal drawings.
ACCESS GATE OR PEDESTRIAN ACCESS GATE

SHALL COMPLY WITH ITEMS 1-7:
- EQUIPPED TO ACCOMPANY A LOCKING DEVICE
- OPEN OUTWARDS AWAY FROM POOL
- SELF-CLOSING
- SELF-LATCHING

SECTION AG 105.2
SITE PLAN

ACCESS GATE OR PEDESTRIAN ACCESS GATE

INSIDE OR OUTSIDE POOL AREA

SECTION AG 105.2
ELEVATION

SECTION AG 105.2
ELEVATION

SECTION AG 105.2
SITE PLAN
The door alarm shall:
- Produce an audible warning when the door and its screen are opened.
- Audible warning sounds within 7 seconds of opening the door and
- Sound continuously for 30 seconds minimum.
- Have a minimum sound pressure rating of 85 dba at 10 feet.
- Be distinctive from other household sounds.
- Automatically reset under all conditions.
- Be equipped with manual means to temporarily deactivate the alarm for a single opening from either direction.
- Allow deactivation to last not more than 15 seconds.
- Have deactivation touch pads switches located a minimum of 54 inches above the door threshold.

Section AG 105.2
Elevation

Section AG 105.2
Site Plan
AG105.6 Temporary enclosure. A temporary enclosure shall be installed prior to the commencement of the installation of any in-ground swimming pool unless the permanent barrier specified in Section AG105.2 is in place prior to the commencement of the installation. The temporary enclosure shall be a minimum of 4 feet in height, shall have no openings that will allow passage of a flinch sphere and shall be equipped with a positive latching device on any openings.

AG105.7 Pool alarm. No building permit shall be issued for the construction or substantial alteration of a swimming pool at a residence occupied by, or being built for, one or more families unless a pool alarm is installed with the swimming pool. As used in this section, "pool alarm" means a device that emits a sound of at least 50 decibels when a person or an object weighing 15 pounds or more enters the water in a swimming pool.

Exception: Hot tubs and portables spas shall be exempt from this requirement.

Inspectors reserve the right to modify any and all information at any time due to site conditions and code concerns.

Guide is not all-inclusive.
Swimming Pool Electric Guide

The enclosed drawings pertain to Article 680 of the 2014 National Electric Code. The written text shall apply.

Information is to be used as a guide only. Inspectors reserve the right to modify any and all information at any time due to site conditions and code concerns. Guide is not all-inclusive.

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POOL MUST BE 4 FEET HIGH OR FENCED IN

LADDER MUST BE FENCED IN

NO ELECTRICAL OUTLETS IN THIS AREA
FENCED IN AREA
0 TO 5 FEET
5 TO 10 FEET
GFCI CONVENIENCE OUTLET REQUIRED BETWEEN 10 AND 20 FEET

OUTLET FOR POOL FILTER AND RELATED EQUIPMENT ONLY (E.G. POOL VACUUM PUMP, SOLAR HEATER ETC.) MUST BE GFCI PROTECTED AND TWIST LOCK CONFIGURATION

3 FEET MAXIMUM 12/3 U.L. LISTED CORD WITH TWIST LOCK PLUG

20 AMP TWIST LOCK RECEPICAL

WEATHER PROOF COVER MUST BE APPROVED TO BE RAIN TIGHT WHILE IN USE (TYPE TAYMAC OR EQUAL)

WEATHER PROOF BOX LOCATED BETWEEN 8 AND 18 INCHES ABOVE GRADE

GRADE LINE

4X4 POST FOR SUPPORT OF ELECTRICAL BOX AND CONDUIT

CONDUITS TO BE BURIED 18 INCHES DEEP

ALL MATERIAL MUST BE U.L. LABELED OR U.L. LISTED

1/2 INCH PVC CONDUIT FROM CIRCUIT BREAKER PANEL THREE #12 THHN INSULATED WIRES
NO ROMEX OR U.F. CABLE TO BE PULLED IN CONDUIT

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ITEMS TO BE BONDED:
- Pool frame
- Metal ladder
- Metal fencing
- Pool pump
- Diving board
- Stair rails
- Any metal within 5 feet of the pool

TYPICAL BONDING LUG
Bond wire shall be an unbroken loop or run through the lug.

NOTE:
Filter pump and all other electrical material shall bear the U.L. label or U.L. listed.

POOL FILTER TO BE NO CLOSER THAN 4 FEET FROM POOL.
Filter outlet no closer than 5 feet from pool.

A GROUND ROD OR RETURN OF THE #8 BOND WIRE TO THE PANEL IS NOT REQUIRED.

FENCE OR APPROVED BARRIER
4 FOOT HIGH BARRIER OR CUT BANK BACK 4 FEET

ELEVATION PLAN
4 FEET REQUIRED BETWEEN POOL AND ANY CHANGE IN GRADE