A GUIDE TO SWIMMING POOLS

ILLUSTRATIONS TO SECTION AG101

The drawings contained in this brochure pertain to the 2003 International Residential Code portion of the 2005 State of CT Building Code. They are for illustration purposes only and the written code text shall apply.
TOWN OF EAST GRANBY: SWIMMING POOL REQUIREMENTS

The building permit application must be accompanied by the following:

1. Plot plan showing location of house, pool, fence and septic with distances to side & rear yards.
2. Approval from the Farmington Valley Health District if required — need separate form.
3. Plans of the structure stamped and sealed by an engineer — (In ground only)
4. Drawing of fencing & enclosures showing dimensions
5. Permit fee.
6. Per State Statute, clearance from the tax collector.

Pool installation requirements. This list is not all inclusive; please refer to pool packet.

- A 48” barrier will be provided to protect the pool access. Including a temporary fence for inground pools prior to filling.
- Access gates will be self closing and self latching (if less than 54” high they shall be on the pool side and be protected within 18” of release mechanism).
- Doors providing direct access to the pool shall either have an alarm, a self closing self latching device 54” above the floor, or a safety cover over the pool.
- No receptacles within 10’ of pool. (locking type receptacle for pool equipment must be at least 5’ from pool and GFCI protected).
- All metal parts of pool structure, fixed metal parts within 5’ of pool, pump motors etc., shall be bonded with a minimum #8 solid copper wire.
- Convenience GFCI receptacle shall be provided between 10’ and 20’ from pool.
- Trench depth for 20 amp. circuit to pool equipment shall be 12” minimum.
- A surface pool alarm shall be installed pursuant to Public Act 99-140.
- Heated pools require a pool cover unless over 20% of the heating energy is from non-depletable sources.

REQUIRED SWIMMING POOL INSPECTIONS:

The following is a list of inspections that need to be performed prior to the continuation of work. Requests for inspections can be made by calling the Building Department at 860-653-3444.

- TRENCH AND BONDING: Electrical trench depth verification and bonding of pool and metal appurtenances including metal reinforcing for gunite pools.
- FINAL ELECTRICAL: Location of equipment and GFCI protection. Convenience outlet provided.
- FINAL: Swimming pool access protection must be provided before pool can be used.

Each swimming pool installation requires a Building and an Electrical permit. Additional permits and inspections are required for pool decks.

I have read and understand the requirements listed above.

Applicant Signature ___________________________ Date________________
Homeowner Signature ___________________________ Date________________
Substitute House Bill No. 5070

Public Act No. 99-140


Be it enacted by the Senate and House of Representatives in General Assembly convened:

(NEW) (a) As used in this section, “pool alarm” means a device which emits a sound of at least fifty decibels when a person or an object weighing fifteen pounds or more enters the water in a swimming pool.

(b) 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.

HEATH DEPARTMENT GUIDELINES

REQUIRED SEPARATING DISTANCES

- Open Decks to any part of the Septic System .................5 feet
- Building without footing drain to Septic System ..........15 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
FENCE BARRIER

48 INCHES MINIMUM

POOL AREA

CROSS SECTION
48 INCH MINIMUM

2 INCHES MAXIMUM

OUTSIDE OF THE POOL ENCLOSURE

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

48 INCH MINIMUM

ABOVE GROUND POOL

ELEVATION
LESS THAN 4 INCHES

ABOVE GROUND POOL

ELEVATION
BARRIER MOUNTED ON THE POOL STRUCTURE

BOTTOM OF BARRIER

LESS THAN 4 INCH OPENING

TOP OF POOL FRAME

BARRIER MOUNTED ON THE POOL STRUCTURE

CROSS SECTION
SECTION 421.10.1, ITEM 2

ELEVATION
SECTION 421.10.1, ITEM 3

CROSS SECTION
POOL AREA

LESS THAN 45 INCHES

48 INCHES MINIMUM

POOL AREA

CROSS SECTION

1 3/4 INCH MAXIMUM

POOL AREA

SECTION 421.10.1, ITEM 4

ISOMETRIC
SECTION 421.10.1, ITEM 5

CROSS SECTION

45 INCHES OR MORE

48 INCHES MINIMUM

LESS THAN 4 INCHES

DECORATIVE CUTOUTS
1 3/4 INCH WIDTH MAXIMUM

POOL AREA

ISOMETRIC
SECTION 421.10.1, ITEM 7

ELEVATION

CHAIN LINK FENCE

1\(\frac{1}{4}\) INCH MAXIMUM MESH

1\(\frac{3}{4}\) INCH MAXIMUM MESH WITH SLATS

SECTION 421.10.1, ITEM 6

ELEVATION

LATTICE FENCE

1\(\frac{3}{4}\) INCH MAXIMUM OPENING
PEDESTRIAN ACCESS GATE

SHALL: COMPLY W/ ITEMS 1-7,
EQUIPPED TO ACCOMMODATE A LOCKING DEVICE,
OPEN OUTWARDS AWAY FROM POOL,
SELF- CLOSING,
SELF- LATCHING.

SECTION 421.10.1, ITEM 8

SITE PLAN
SHALL: COMPLY W/ ITEMS 1-7, EQUIPPED TO ACCOMMODATE A LOCKING DEVICE, OPEN OUTWARDS AWAY FROM POOL, SELF- CLOSING, SELF- LATCHING.

SECTION 421.10.1, ITEM 8

SITE PLAN
ACCESS GATE OR PEDESTRIAN ACCESS GATE

54 INCH MINIMUM

INSIDE OR OUTSIDE POOL AREA

SECTION 421.10.1, ITEM 8

ELEVATION
ACCESS GATE OR PEDESTRIAN ACCESS GATE

\[ \frac{1}{2} \text{ inch maximum opening within 18 inches of the release mechanism} \]

\[ 3 \text{ inch minimum below top of gate} \]

INSIDE POOL AREA ONLY

SECTION 421.10.1, ITEM 8a and 8b

ELEVATION
SECTION 421.10.1, ITEM 9

SITE PLAN
OPTION 1 OF 3

ALARM DEACTIVATION SWITCH OR TOUCHPAD

54 INCH MINIMUM

SECTION 421.10.1, ITEM 9.1

ELEVATION
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 421.10.1, ITEM 9.1
OPTION 2 OF 3

- SELF-CLOSING AND SELF-LATCHING DEVICE
- SWING AWAY FROM POOL

54 INCH MINIMUM

SECTION 421.10.1, ITEM 9.2

ELEVATION
SECTION 421.10.1, ITEM 9.3

SITE PLAN
PORTABLE LADDER

VIOLATION

48 INCH MINIMUM UNDERLYING GROUND

ABOVE GROUND POOL

ELEVATION

SELF-CLOSING SELF-LATCHING GATE

BARRIER SHALL COMPLY WITH ITEMS 1-9

SECTION 421.10.1, ITEM 10

SITE PLAN
VIOLATION:
IF LESS THAN 4 FEET FROM POOL

ABOVE GROUND POOL

“PROHIBITED LOCATION”

SECTION 421.10.3

ELEVATION
SECTION 421.10.1 ACCESSIBILITY

CROSS SECTION

LESS THAN 50 METERS: RAMPS OR FIXED OR PORTABLE LIFTING EQUIPMENT

50 METERS OR MORE: RAMPS ONLY. HANDRAILS ON BOTH SIDES OF RAMP