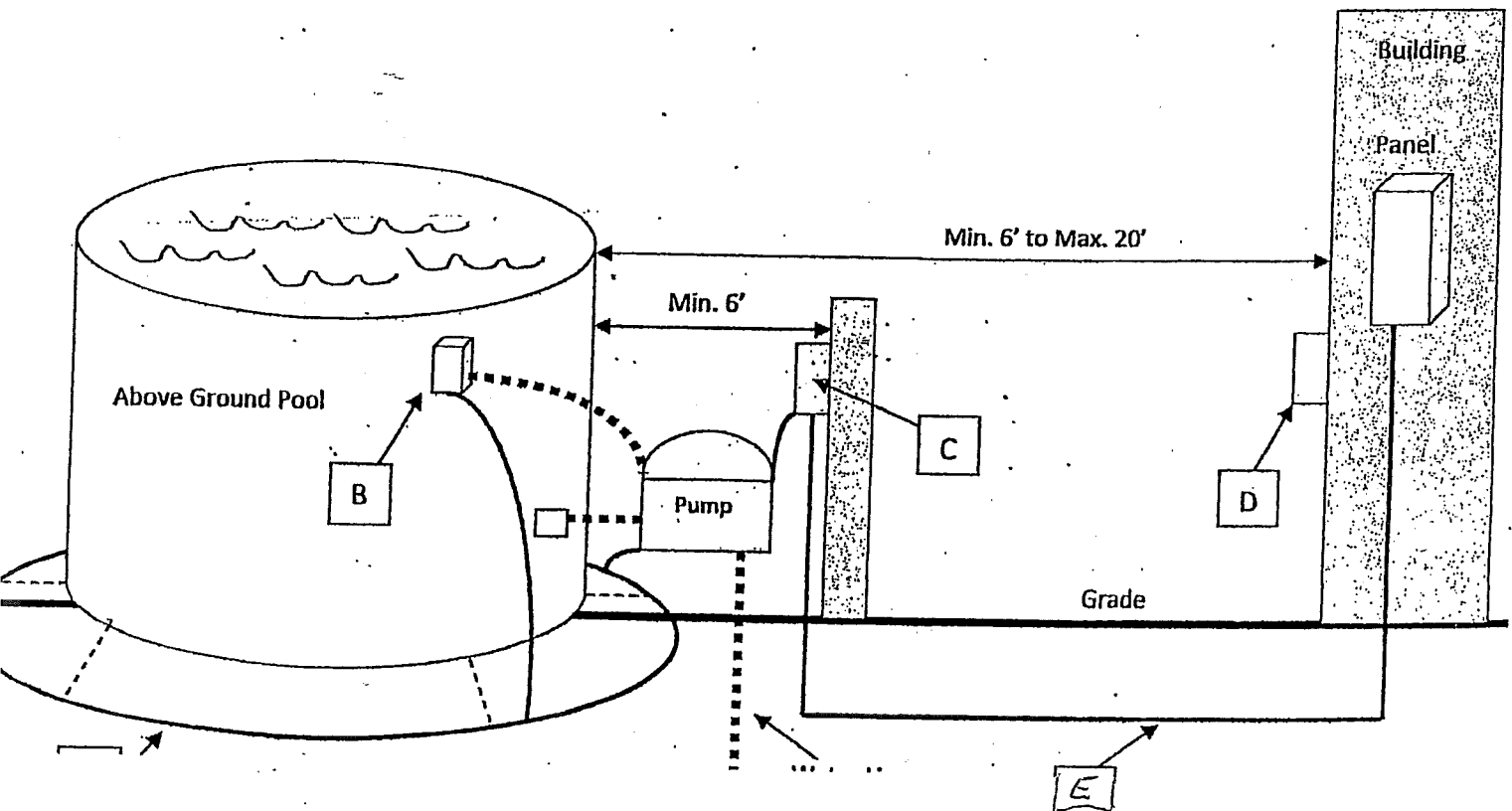


## Typical Above Ground Code Compliant Pool

- Must have the following when applying for Permit:
  - Site Plan
  - Manufacturers Installation Instructions
  - Electrical Requirements for Pump
- Provide minimum horizontal clear distance around pool that maintains a height of 4 ft. and a removable or locking ladder. G105.2
- All bonding must be with #8 bare copper solid wires. E4204.2
- A. Bonding wire must be 18" to 24" from pool 4" to 6" under surface attached to pool at minimum of 4 points. Attachment not required if shell is not conductive. E4024.2(2.2)
- Pump must be bonded or if pump does not have a bonding lug the bonding wire must be connected to the ground at the receptacle. E4203.7(6.1)
- All bonding connections must be made by listed and labeled clamp for that application. Do not use sheet metal screws on connection to pool. Use stainless steel nut and bolt for clamp. E4204.5.2
- No ground rods allowed. E4204.5.1(3)
- B. Pool water must be bonded with a minimum of 9 Square Inches in contact with water or listed approval fitting. E4204.3
- C. Single twist-lock GFCI protected receptacle with in use cover no closer than 6' from pool for pump. Pump cord can't be longer than 3'. E4203.1.1
- D. One general use GFCI protected receptacle 6' to 20' from pool with in use cover. E4203.1.2
  - If this receptacle is new, it must have WR on it (Weather Resistant type). E4002.8
- E. Minimum 18" below surface (E3803.1) in conduit with insulated ground. E4205.5
  - Must use weatherproof wiring (no Romex). E4205.5

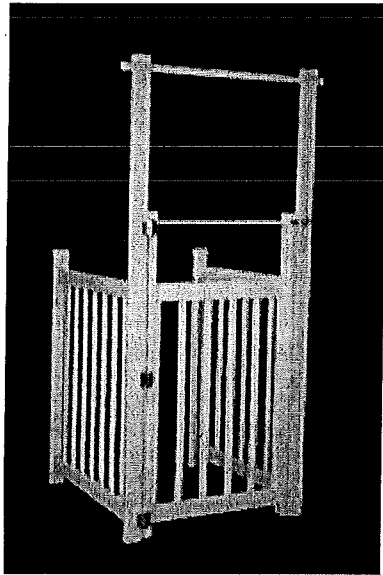




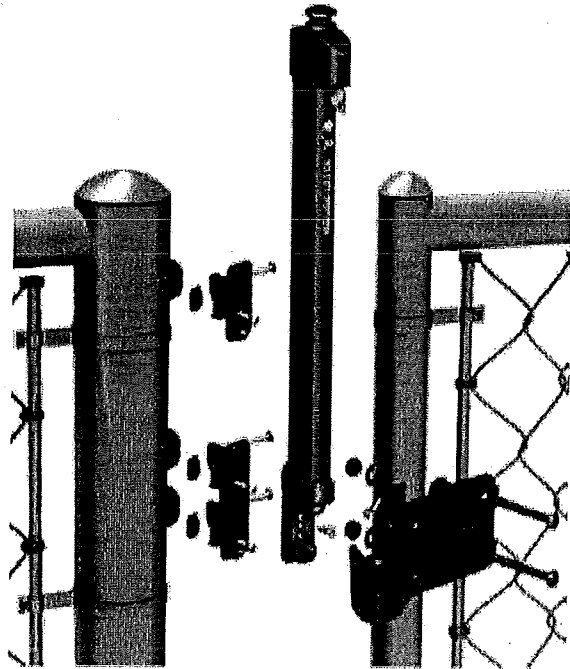
The reason for a barrier at your pool...



Typical entry system; gate must be spring loaded so it swings shut and latch release must be at least 54" high.

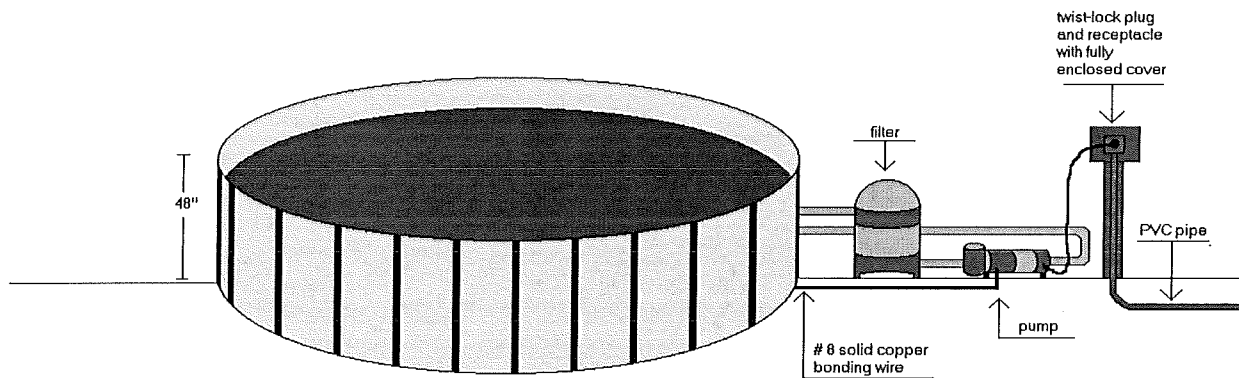


If the pool walls are at least 48" tall, a barrier can be provided just at the ladder.



Special gate latch with an extension that meets the 54" high latch release requirement

# Typical Above-ground Pool



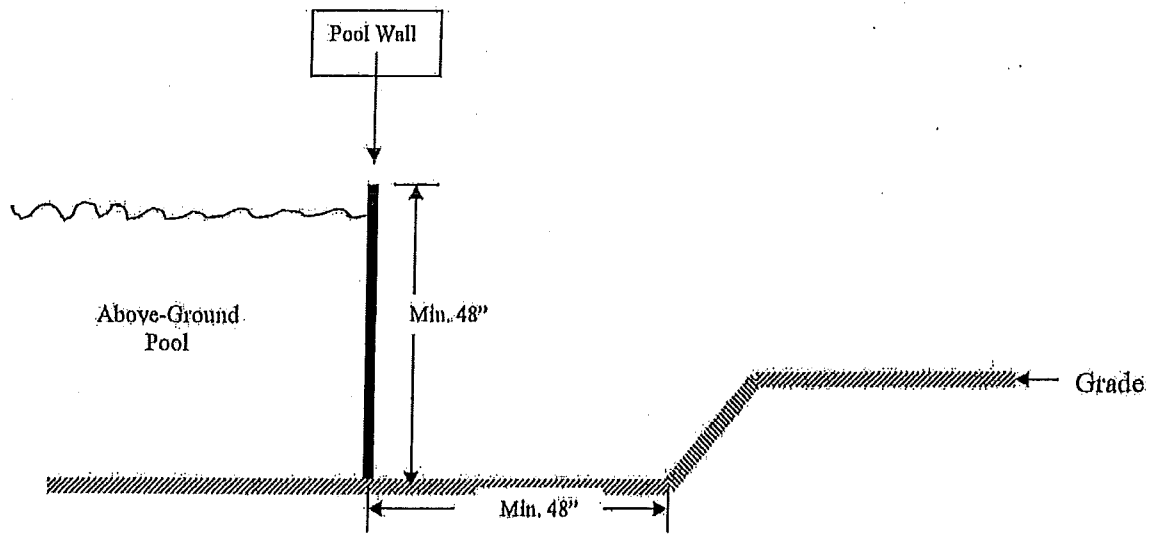
## Requirements for Swimming Pools

- A B-100 permit from Northeast District Dept. of Health, a Zoning Permit and a Building Permit are required.
- An "Engineered Stamped" plan must be submitted with any permit application for an "In-ground Pool".
- Every pool shall have an audible pool alarm per Connecticut Public Act No. 99-140 (attached).
- Pools less than 48" in height shall have a 48" high fence (see attached fencing requirements).
- The access to all pools shall have a self-latching, self-closing gate system (see attached).
- The pool must be inspected when all the wiring is complete.

## Electrical Requirements for Swimming Pools

- The electrical circuit for the pool must be protected with a Ground Fault Circuit Interrupter (GFCI).
- A twist-lock type plug must be installed on the pump motor.
- The pump motor shall be on an electrical timer to activate the pump during off-peak hours
- A twist-lock receptacle must be installed to receive the pump motor plug.
- The receptacle cover must be the type that fully encloses the plug when it is plugged in.
- A #8 or larger solid copper wire must be mechanically bonded from the ground lug on the pump to all metallic parts of the pool ( i.e. the pool structure, slide, ladder, etc.).
- A GFCI convenience receptacle must be located between 10 ft and 20 ft. from the pool in order to safely plug in and operate appliances (i.e. radios, etc.).





Updated 08/27/03