



STORABLE POOLS AND HOT TUB/SPA REGULATIONS

A storable pool is any man-made structure, basin, chamber, pond or tank in or above ground containing or capable of containing an artificial body of water having a depth of a minimum of 24" and no more than 42" at any point. Also any pool with nonmetallic, molded polymeric walls or inflatable fabric walls regardless of dimension. A permit is required for all of these structures. Natural occurring bodies of water such as lakes, ponds, rivers, etc. as well as required storm water retention ponds are not considered pools under this definition.

Location

Pools and Hot tub/Spas must be installed so that any overhead electrical wires are offset 10' horizontally from the edge of the pool or at least 22.5' above the water line of the pool

Pools and Hot tub/Spas must be offset 5' from any underground electrical wires

If a 6' high privacy fence does not surround the pool lot line setbacks are as follows:

- Minimum of 10' from rear lot line
- Minimum of 10' from side lot line
- Not allowed in actual front yard

If a 6' high privacy fence surrounds the pool the lot line setbacks are as follows:

- Minimum of 6' from rear lot line
- Minimum of 6' from side lot line
- Not allowed in actual front yard

If you have a corner lot please contact our inspection staff for specific requirements as they are more complicated.

Electrical Requirements

All electrical installations provided for, installed, and used in connection with storable pools must comply with all applicable codes. The following is a summary of some of the more important electrical requirements:

- All outlets within 20' of the inside wall of the pool shall be protected by a GFCI (ground fault circuit interrupter)
- At least one receptacle outlet shall be installed no more than 20' from the inside edge of the pool
- No receptacle shall be located less than 6' from the inside edge of the pool

Protective Enclosures Requirements

Private residential pools, whether in ground or above ground types, shall be enclosed by an adequate and secure means. The following are acceptable means:

- A properly installed and secure fence at least 44" high above adjoining grade. These fences must meet the following requirements:
 - Shall be constructed to prohibit the passage of a 4" sphere between fence members
 - Bottom of fence shall be no more than 2" above the existing grade

- Any gates installed shall be constructed so as to be capable of being locked. These gates shall be closed and secured to prevent unlatching by persons outside the pool area when the pool is not in use.
- For above ground pools, a dome or pool top fencing attached to the pool and extends at least 44" above grade
 - These shall be fixed securely in place at all times when the pool is not in use
- For above ground pools, a cover in place capable of supporting 100 pounds per square foot
 - Pool covers shall be fixed securely in place at all times when the pool is not in use
- Above grade pools with self-supporting walls that are at least 44" high at all points
 - Ladders and stairways providing access to these pools must be removed, raised, or gated and secured to prevent entry whenever not in use
- Pools that have platforms and railings that are at least 44" in height above grade
 - Ladders and stairways providing access to these pools must be removed, raised, or gated and secured to prevent entry whenever not in use

Hot Tubs/Spas

Hot tubs/Spas require a permit. Hot tubs/Spas are required to comply with the pool location, protective enclosure, and electrical requirements. All Manufacturer's installation instructions must be followed. Some of these requirements are as follows:

- A secured tub cover capable of supporting 100 pounds must be provided
- All circuits supplying the hot tub/spa must be ground fault protected
- An emergency disconnect switch must be installed in sight of and between 5' to 10' from the tub.
 - This switch or switches must disconnect power to all the tub equipment

Items Required for Permit Application Submittal

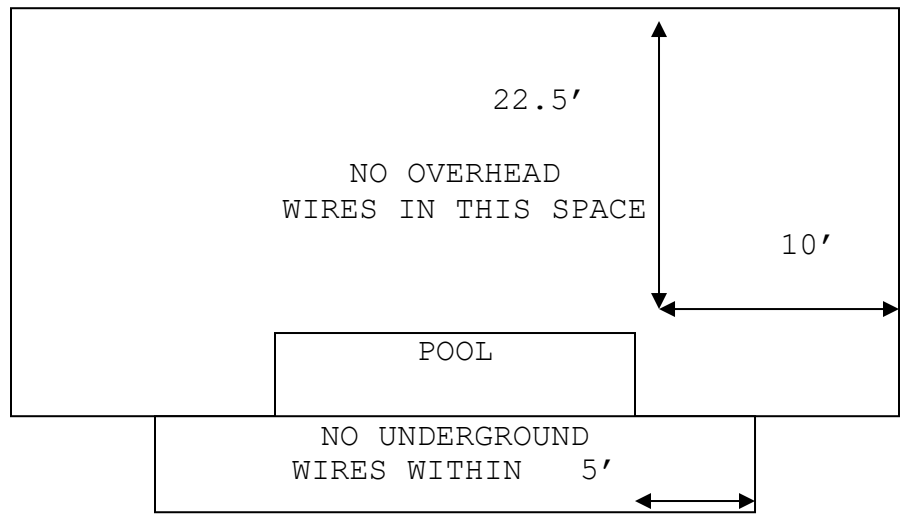
- Site plan showing distances off lot lines, horizontal distance from any overhead/underground wiring to pool edge, distances from pool edge to any buildings, and location and distance from pool edge of gfcı protected outlet the pool will be plugged into (sample provided on the last page of this handout)

BEWARE OF UNDERGROUND UTILITY WIRES

Please remember that there may be underground electric, phone, or cable T.V. wires buried on your property generally in 5' or 6' wide easements on your side and rear lot lines. Please call the Digger's Hotline before you do any digging on your property. **DIGGERS HOTLINE: (800) 242-8511**

This information is only a general guide to help you plan a building project. While we have made an attempt to answer the questions most often asked of this department, your situation may not be included. Please feel free to call or email with any questions you may have. 920-886-6130 or inspections@ci.neenah.wi.us

G.F.C.I.
Ground Fault Circuit Interrupter





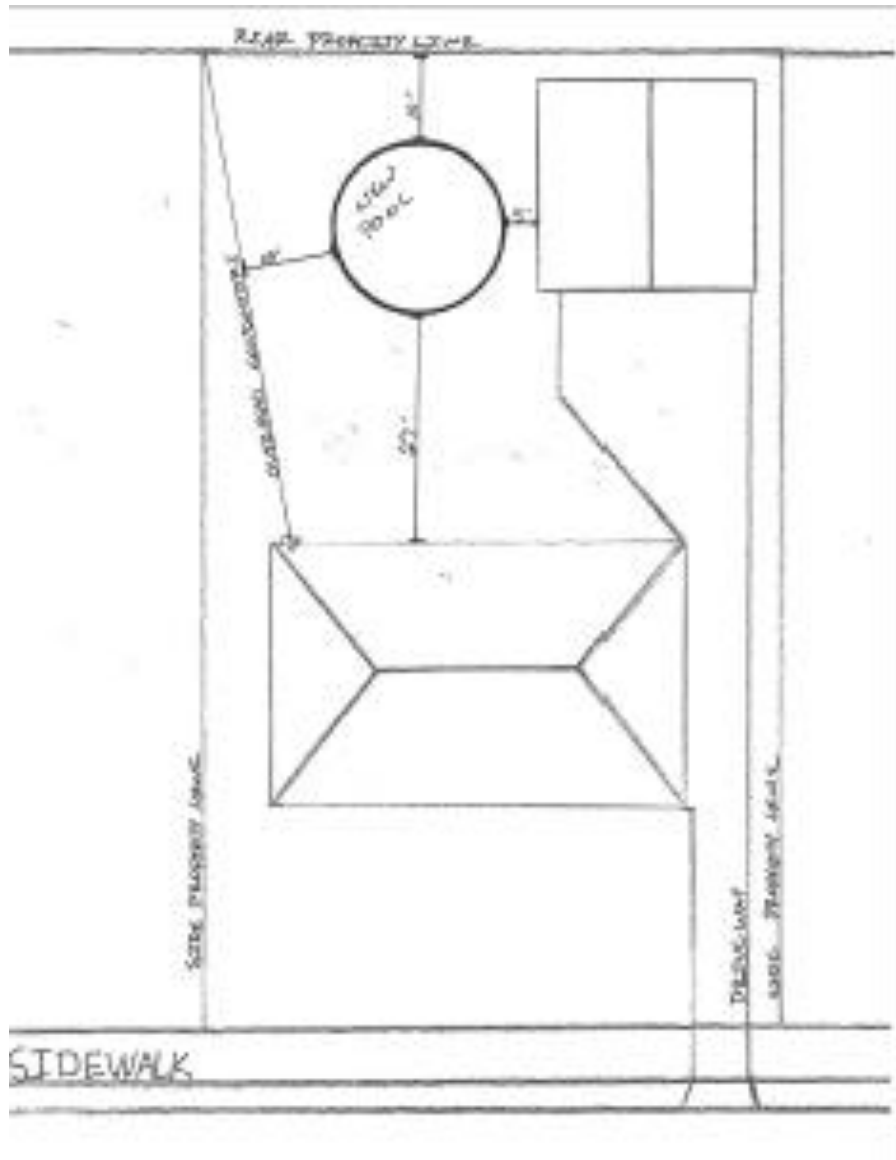
A fence is NOT required for this type of swimming pool as long as

- Side walls are a minimum of 44" in height from grade to the top of the wall around the entire pool
- AND a removable or swing-up and locking stairs are used for access
- AND the pool is not connected to a deck



A fence IS REQUIRED for this type of swimming pool

- Regardless of the height of the side walls
- If capable of holding more than 24 inches of water



Site Plan Example