

Swimming Pool and Spa Requirements

2015 International Swimming Pool and Spa Code
2015 Michigan Residential Code Appendix G
GP Woods Zoning Ordinance, Chapter 50

Building and electrical permits are required for swimming pools (containing 24" inches or more of water). A mechanical permit is also required when a pool heater is installed.

APPLICATION FOR POOL PERMITS – REQUIREMENTS:

1. **Complete Building Permit Application.** If a pool company is involved, have them submit the application along with a copy of their state issued builder's license, driver's license, and workman's comp & liability insurance certificate. Also:
 - a. Submit two (2) copies of a plot plan, showing pool elevation, location of pool, distances to property lines, structures, lot coverage calculations (does include pool) and overhead and underground cables and all easements.
 - b. Submit two copies of construction plans or pool brochures.
 - c. Complete the proper sequence of inspections as stated on your permit.

LOCATION OF OUTDOOR POOLS:

- There shall be a distance of not less than ten (10') feet between the edge of water and any building including the main structure. NOTE: Spas may be located not less than five feet (5') from the main structure.
- There shall be a distance of not less than ten (10') feet between the edge of water and the side property lines. There shall be a distance of not less than seven (7') feet between the edge of water and the rear property line. Pools cannot be located on any easement.
- Call Miss Dig (1-800-482-7171) for reference as to the location of the underground utilities including electric prior to any excavation for pools or spas (pools shall not be located over or within five feet (5') of any such service and cannot be located within ten feet (10') of any overhead wires).
- Outside faucets shall have a vacuum breaker when a hose is used to fill the pool. This is to prevent pool water from backing up into the water system.
- All pools less than 48" inches in height from grade shall be completely enclosed by a fence or barrier not less than four feet (4') in height for protection of the general public. The gates shall swing away from pool area and have a self-closing and self-locking

device with latches placed 54” above grade on the outside of the gate to comply with the fence code; or may be equipped with an approved safety cover.

- Where an above ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure and where the means of access is a ladder or steps, the ladder or steps shall be capable of being secured, locked or removed to prevent access or the ladder or steps shall be surrounded by a barrier that meets the requirements of the code. All doors and windows with a sill height of less than 48 inches above the indoor finished floor with direct access to the pool shall be equipped with an alarm which produces an audible warning when the door, its screen or a window, is opened.
- Pools and pool heaters must be installed according to the manufacturer’s specifications. All pools must be installed according to all applicable State of Michigan construction codes.
- In ground pools may also require grade elevations at the top of the pool, rear property corners, side yard elevations and the house elevation at the brick ledge.
- An electrical bonding grid inspection is required prior to the sand inspection.
- If a fence is being installed, separate fence permit is required.

NOTE: The above information is not all inclusive. If you have additional questions, contact the Building Department at 313.343.2426 or building@gpwmi.us