

CITY OF MARSHALL
Department of Building Safety
Permit Application Requirements
Pools, Spas, and Hot Tubs

Building Code Considerations – for pools 24 inches or more in height

APPENDIX G of the Michigan Residential Building Code 2000 or (*Michigan Building Code 2000*)

Section AG 105.2(1) or (3109.4.1) – A barrier of at least 48 inches shall surround the pool at all points. A barrier shall have no more than 2 inches between the finish grade and bottom of the barrier. When a barrier is mounted on top of a pool structure (an above ground pool) then the distance between the top of the pool and bottom of the barrier shall be no more than 4 inches.

Section AG 105.2(2) or (3109.4.1.1) – Openings in the barrier shall not allow a passage of a 4-inch sphere at any point.

Section AG 105.2(3) or (3109.4.1.2) – Solid barriers shall not have any projects or indentations that would allow someone to climb the barrier, other than normal construction tolerances or tooled mortar joints.

Section AG 105.2(4) or (3109.4.1.3) – Where the barrier is composed of **closely spaced** horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches the horizontal members shall be located on the pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches in width and the same for decorative cutouts.

Section AG 105.2(5) or (3109.4.1.4) – Where the barrier is composed of **widely spaced** horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches or more, spacing between vertical members shall not exceed 4 inches. Where there are decorative cutouts within vertical members spacing shall not exceed 1.75 inches in width.

Section AG 105.2.(6) or (3109.4.1.5) – Chain link fencing shall not have an opening in the fencing that exceeds 2.25 inches square.

Section AG 105.8 or (3109.4.1.7) - Pedestrian access gate shall open outward away from the pool.

Section AG 105.2.(9) or (3109.4.1.8) – Where a wall of a dwelling is used for part of the barrier then one of the following shall be used:

1. Each door leading into the pool area shall have an audible alarm that sounds continuously for 30 seconds immediately after the door is opened.
2. A power pool cover shall be installed.
3. Other means of protection, such as a self-closing and latching gate or where approved by the administrative authority shall be accepted as long as the degree

of protection afforded is not less than the protection afforded by Section 3109.4.1.8, Item 1 or 2.

Section AG 105.2.(10) – (3109.4.1.9) – Where the pool is used as part of the barrier (above ground pool) then the steps or ladder shall be secured by either removing said ladder or steps, locking then up in position, or installing a barrier that complies with this code.

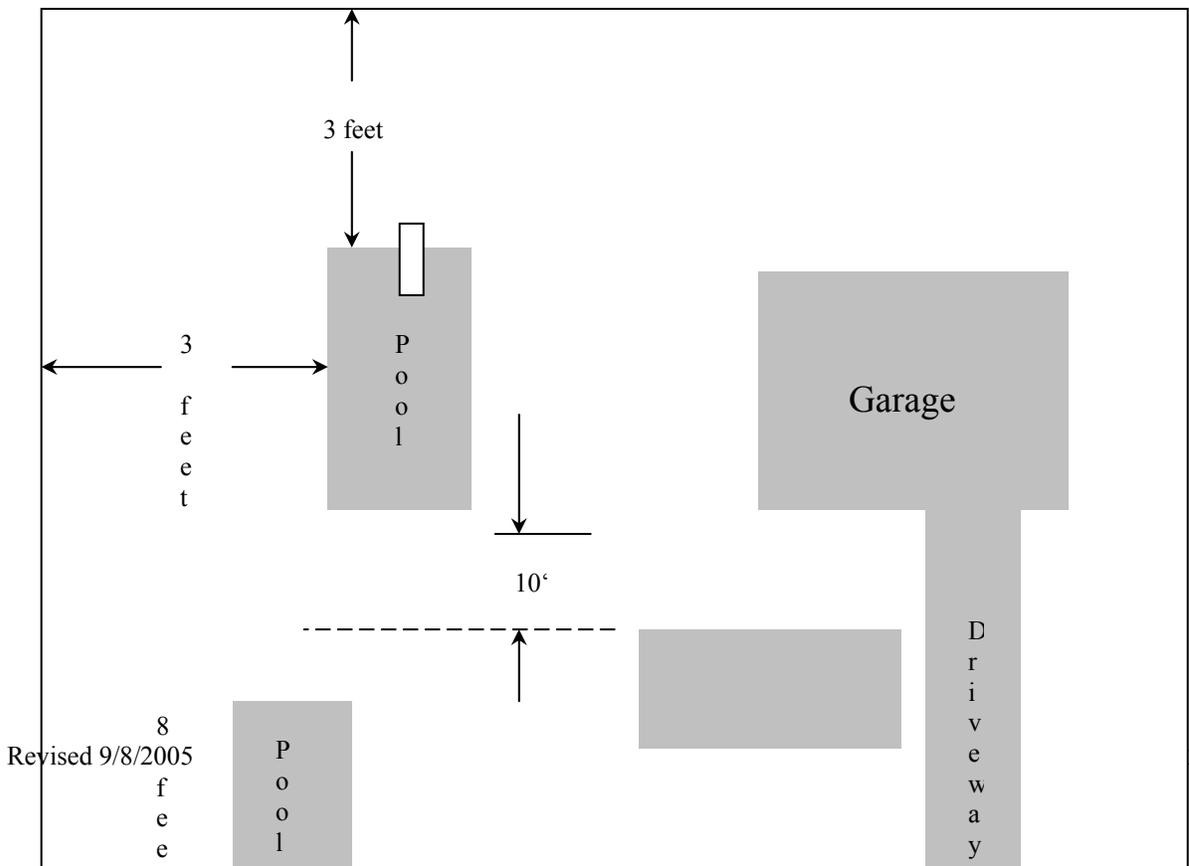
Submit two (2) plans that show the following information

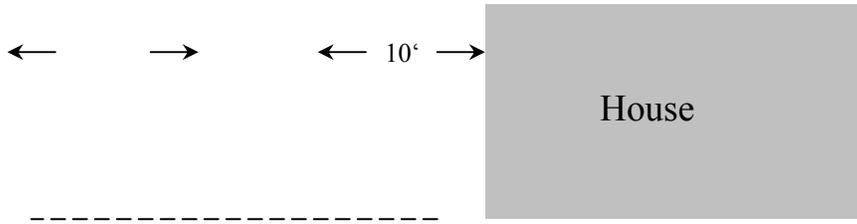
- 1.1. Application with Fee
- 1.2. Discuss Zoning requirements with Zoning Administrator.
- 1.3. Location of structure on the lot with dimension to all lot lines.
- 1.4. Show all building and structures with dimensions on the lot.
- 1.5. Submit type of fence or barrier being used.
- 1.6. Type of latching mechanism and height. Also, if access is through type of alarms being used.
- 1.7. Secure an electrical and fence permit.

2. Required inspections.

- 2.1. Wire bonding prior to back filling
- 2.2. Final when barrier is installed. Until permanent barrier is installed a temporary fence shall be installed.

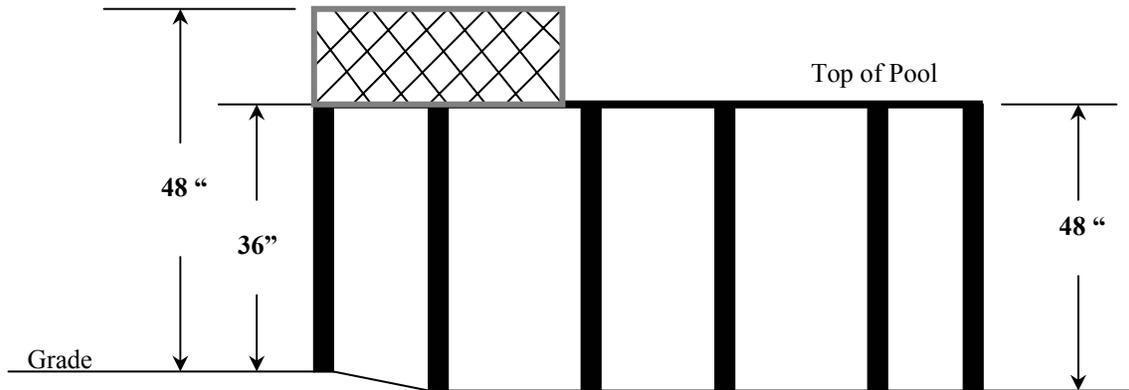
Disclaimer: These are the general requirements and for illustrative purposes only, for more specific information regarding your project please call the Building Department as the applicant is responsible for meeting all local zoning and building code requirements. It is highly suggested that you purchase a Michigan Residential Building Code from the State of Michigan. This book contains all the necessary information for building a home in Michigan. The code book order form is located at the Consumer and Industry Services web site www.michigan.gov/cis.



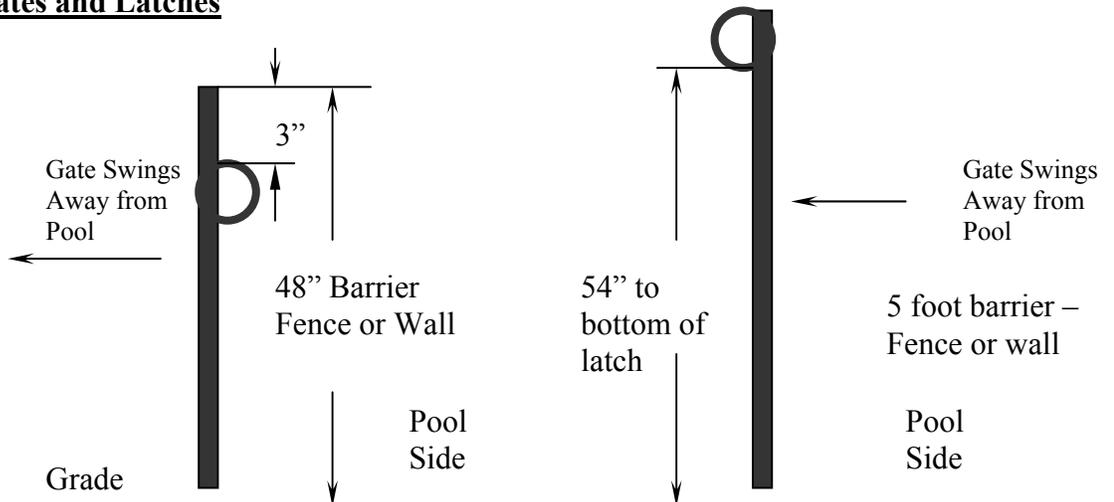


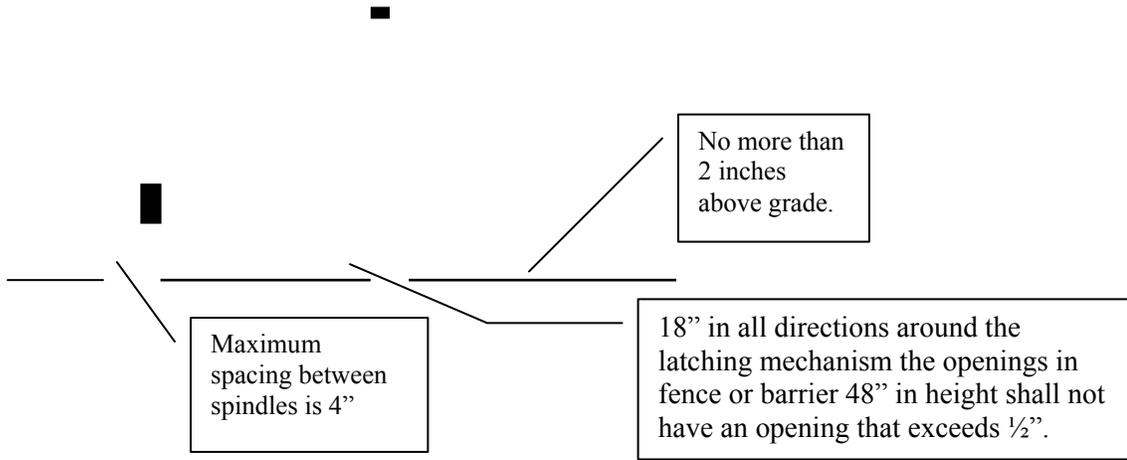
Above Ground Pools

Barrier is required if less than 48" to grade



Gates and Latches





City of Marshall pool requirements

Revised: 10/27/03