

# RESIDENTIAL SWIMMING POOLS, SPAS AND HOT TUBS

(ATTACHMENT FOR PERMITS)

Swimming pools shall be installed and maintained in accordance with the 2015 International Swimming Pool and Spa Code, the pool manufacturers specifications and requirements and / or a state of Michigan registered Architect or Engineer.

Swimming pool barriers shall be installed and maintained in accordance with the 2015 International Swimming Pool and Spa Code chapter 3 section 305 Barrier Requirements and where a structure is part of a barrier, listed and labeled window and door opening alarms in accordance with UL 2017, a listed and labeled pool safety cover in accordance with ASTM F 1346 or approved self-closing and self-latching window and door devices shall be installed.

All electric installations and requirements for swimming pools shall be in accordance with the 2015 MRC Chapter 42 Swimming Pools.

Swimming pools shall be located on the lot meeting the set-back requirements in accordance with the City of Eastpointe Zoning Article VIII Section 50-70 (d) Special land use. (6) Private pools a thru f. and shall meet the clearance requirements of the 2015 MRC Chapter 42 section E4203.6 and Table E4203.5 for overhead conductor clearances.

Section E4203 .1.1. A GFI protected outlet is required for supplying power to the pool equipment and is to be located between 6 ft. and 10 ft. from the inside walls of pools, outdoor spas and hot tubs and all other outlets shall not be located less than 6 ft. from the inside walls of pools, spas and hot tubs.

Section E4204 Bonding. All metallic parts of the swimming pool, ladder and metallic structures within 5 ft. horizontally and within 12 ft. vertically of the pool wall or water surface shall be bonded in accordance with this section.

An electric permit and inspections are required if electric is to be installed to meet the electric requirements of the MRC Chapter 42.

All pool piping shall be installed and maintained in accordance with the 2015 International Swimming Pool and Spa Code Chapter 3 and in accordance with each pool type as described in the code.

A pool piping permit and inspections are required if pool piping is to be installed to meet the requirements of the 2015 International Pool and Spa Code.

## STORABLE POOL GUIDE

DEFINITION: - A storable pool that is located on or above ground and capable of holding water with a maximum depth of 42 inches or a pool with non-metallic, molded polymeric walls or inflatable fabric walls regardless of dimension. (NOTE: Pools with a maximum water level of 24" or less will not be regulated). Upon issuance of the permit for a storable pool, the permit will remain valid as long as it is the same size pool placed in the same location year after year.

- Building Permit is required. Upon issuance of the permit for a storable pool, the permit will remain valid as long as it is the same size pool placed in the same location year after year. (NOTE: Final inspection required after installation of pool)
- Pool shall not be located closer than four (4) feet from any side or rear lot line, building or structure located on the same lot. (Refer to Sample Site Plan below)
- Pool shall not be located in any front yard, side yard or on a vacant lot.
- Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Gates shall have automatic closers and latches. Where a wall of a dwelling serves as part of the barrier, one of the following conditions shall be met: The pool shall be equipped with a powered safety cover; or Doors with direct access to the pool through that wall shall be equipped with an audible warning alarm;
- Water faucets shall have a vacuum breaker when a yard hose is used for filling pool.
- The ladder must be removed from the pool when pool is not in use.

### Electric:

- Electric permit is required for wiring and a GFCI (ground fault circuit interrupter) is required on circuit for filtering system.
- Pool must be at least ten feet (10") horizontally from overhead wires.
- Electrical equipment: At least one 125-volt, 15 or 20 amp receptacle supplied by a general-purpose branch circuit shall be located a minimum of 6 feet from and not more than 20' from the inside wall of the pool.

### Site Plan:

A site plan is required when you submit your application for a swimming pool permit. A site plan must contain the following information: Entire site, house, all accessory buildings and structures, overhead electrical wire, pool, complete fence enclosure, and distances from all structures (see sample provided below). You may use a copy of your mortgage survey, or you can draw up a site plan to scale. Only complete site plans will be accepted.

# BUILDING & ZONING DIVISION SAMPLE SITE PLAN

## *Instructions for preparing a Site Plan*

- I. On an 8-1/2 x 11 sheet of standard paper (or larger), draw your individual property. Your drawing **MUST** be to scale and show adjacent street(s) and roads(s), with a direction arrow indicating north.
- II. Show **ALL** buildings, garages, sheds and any other structures on your property on the site plan, regardless of the reason for requesting a permit.
- III. If the requested permit is for an addition, show the existing structure(s) with solid lines and the addition(s) with dotted lines.
- IV. After locating all structures on your property, show distances in feet from lot lines and for key elements of the plan (as illustrated by the circles in the sample, below).
- V. Sign and date your site plan drawing before submitting it with your permit application.
- VI. The drawing below is **SAMPLE ONLY**. Your lot and building(s) will differ in size, shape and scale. Your drawing must accurately reflect **YOUR** property and **YOUR** project. Where the shapes of building(s) differ, include measurements for the offsets from the lot lines or other parts of the building(s).

