



Williamstown Township

4990 Zimmer Rd., Williamston, MI 48895

WilliamstownTownship.com

P. (517)655-3193 | F: (517)655-3971

IN ORDER TO OBTAIN A BUILDING PERMIT FOR A **SWIMMING POOL**, THE FOLLOWING DOCUMENTS ARE REQUIRED:

- COMPLETED BUILDING PERMIT APPLICATION
- PROOF OF OWNERSHIP
- COPY OF CURRENT BUILDERS LICENSE (or have one on file at Township Office)
- SIGNED INSURANCE ADDENDUM (commercial buildings are exempt)
- A **COMPLETE** PLOT PLAN THAT INCLUDES THE FOLLOWING:
 - Location of proposed Pool with distance from proposed Pool to FRONT, BACK and BOTH SIDE property lines
 - Pool fencing specifications (including location, type and height), as well as gate closure type
 - Location of all existing structures on the site and their distance from the proposed Pool
 - Location of all bodies of water (creeks, ponds, wetlands, etc.) on the site and their distance from proposed Pool
 - Location of all underground or overhead utilities, well and septic drain field
 - Directional North
 - Road location
 - **Site plan may be hand-drawn, but MUST be representative of actual site, and to scale.**
- SOIL EROSION PERMIT OR WAIVER - REQUIRED/ISSUED BY THE INGHAM COUNTY DRAIN COMMISSION (*PROJECTS THAT INVOLVE GRADING OF SOIL*) - (676-8395)
(The soil erosion act requires a permit for any project with a disturbance of greater than one acre and within 500 feet of an inland lake or stream. Any project that disturbs less than one acre and is greater than 500 feet from an inland lake or stream does not require a permit but will still be issued a waiver. Projects that are less than 225 square feet of disturbance and will not contribute sediment to the Waters of the state are issued a waiver but also require a signed affidavit from the landowner.)
- APPLICATION FEE

IMPORTANT NOTE: PLEASE MAKE SURE THAT YOUR APPLICATION, PLOT PLAN, AND BLUEPRINTS ARE AS COMPLETE AS POSSIBLE TO ENSURE THAT THE PERMITTING PROCESS IS NOT DELAYED. A \$50 FEE WILL BE LEVIED IF THE INSPECTOR NEEDS TO PERFORM A SECOND PLAN REVIEW.

REMINDER Permit must be **ISSUED** before work begins. Submittal of an application does not allow you to start the project. Fines may be issued for non-compliance.

24- HOUR NOTICE REQUIRED FOR ALL INSPECTIONS 517 521-4929

BUILDING PERMIT APPLICATION
TOWNSHIP OF WILLIAMSTOWN PLEASE PRINT
 PHONE (517) 655-3193 / FAX (517)655-3971

B.P. No. _____

Final Date _____

Date _____

Application for: Prin. Res. Remodel Addition Demolition Repair Sign
 Deck Pool Reroof Grading Other Accessory

Describe work: _____

I understand that this is only an application for a permit, and does not guarantee the approval or issuance of said permit

Job Address _____ Street _____

Legal Descr. _____ Lot No. _____ Subdivision _____

Owner _____ Mailing Address _____ ZIP _____ Phone _____

Contractor _____ Mailing Address _____ ZIP _____ Phone _____ License No. _____

Architect or Designer _____ Mailing Address _____ ZIP _____ Phone _____ Registration No. _____

Engineer _____ Mailing Address _____ ZIP _____ Phone _____ Registration No. _____

Size of Structure or Addition _____ Valuation of Work \$ _____ Permit Fee _____

NOTICE

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION IS NOT COMMENCED WITHIN 6 MONTHS, OR IF WORK OR CONSTRUCTION IS SUSPENDED OR ABANDONED FOR A PERIOD OF 6 MONTHS AT ANY TIME AFTER WORK IS COMMENCED.
 A TRUE COPY OF THE PLANS OF SAID BUILDING ARE ATTACHED. IT IS UNDERSTOOD THAT ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY OTHER STATE OR LOCAL LAW REGULATION CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.

Water & Sewer: Private Public

Water Permit No. _____

Sewer Permit No. _____

Sewer Final Inspection _____

Soil Erosion Permit No. _____

Driveway Permit No. _____

Zoning _____ Occupancy _____ Sidwell _____
 District _____ Group _____ No. _____

Building Site Plan

Approved By _____ Date _____

Signature of Applicant _____ Date _____

Permit to be sent to: Owner Contractor

Application Accepted By: _____ Date _____

Existing Structure or Use Conforming
 Nonconforming

Fee Received _____ Date _____

By _____ Receipt No. _____

If Nonconforming Assessed Value of Structure: _____

 (Building Official)
 Approved Denied

Proposed Construction or Use Conforming
 Nonconforming

Building Permit No. _____ Date of Issue _____

If Nonconforming Variance Approved
 Approved w/Conditions Date _____

SPECIAL CONDITIONS: _____

Special Use Permit Approved
 Approved w/Conditions Date _____

Site Plan Approved
 Approved w/Conditions Date _____

APPLICANTS E MAIL

NOTE: ALL CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE MICHIGAN RESIDENTIAL CODE OF _____ (Year)

INSURANCE ADDENDUM TO BUILDING PERMIT APPLICATIONS

(To be filed by Residential Builders or Licensed Applicant)

1. Name _____ Phone _____
2. Address _____ City _____ State _____ Zip _____
3. License Number _____
Expiration Date _____
4. Insurance Company providing Commercial Comprehensive General Liability insurance for applicant _____
5. Workers Compensation Insurance Carrier _____
Or reason for exemption _____
6. IRS Employer Identification Number _____
Or reason for exemption _____
7. MESC Employer Number _____
Or reason for exemption _____

Section 23a of the State Construction Code Act of 1972, Act No. 230 of the Public Acts of 1972, being Section 125.1523a of the Michigan Compiled Laws, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of Section 23a are subject to civil fines.

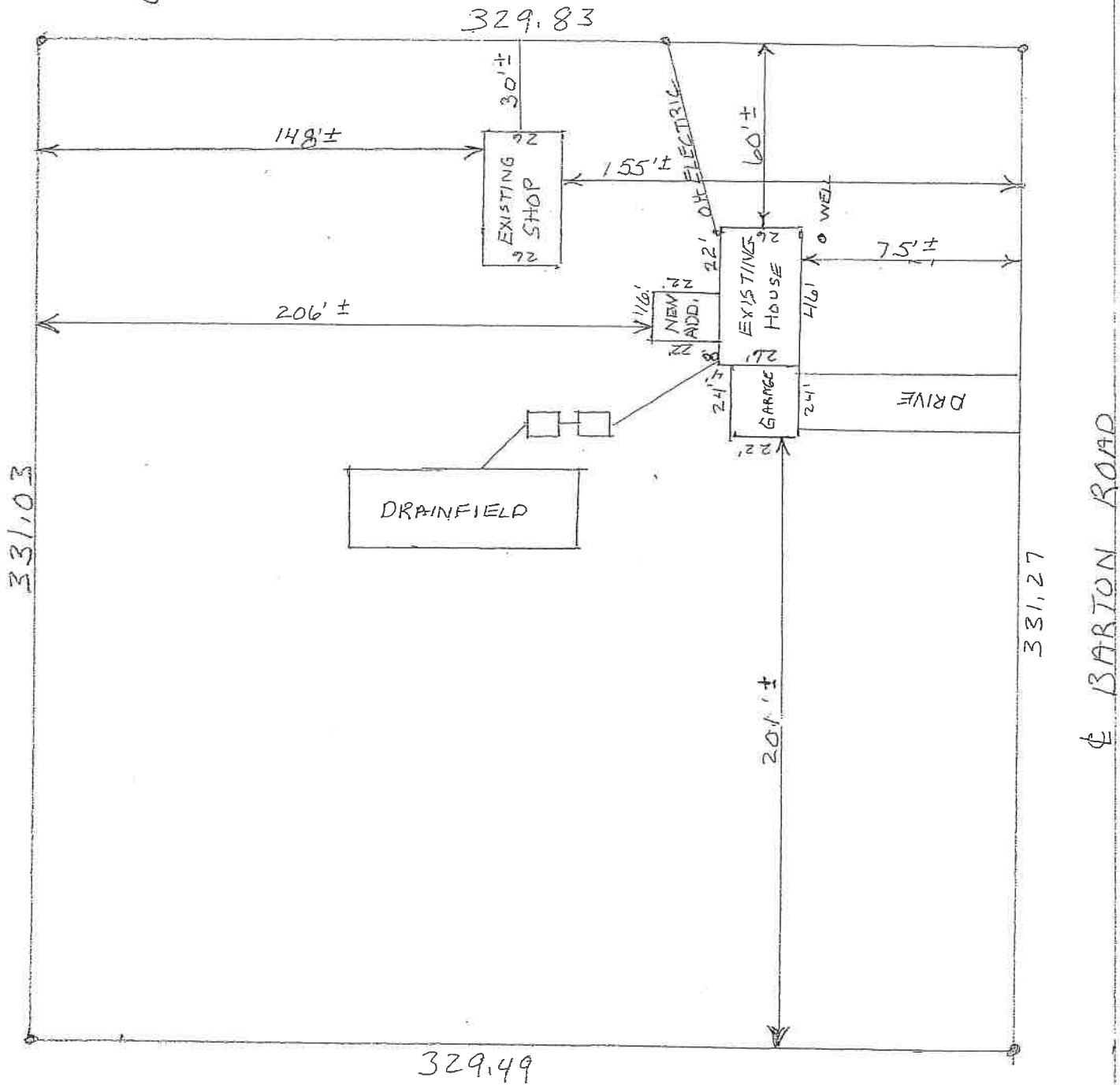
Printed name of Applicant _____
Signature of Applicant _____
Date of Application _____

(Form for compliance with Public Act 135 of 1989 - 11-2-89)

Revised 11/25/2015

SITE PLAN EXAMPLE

- all set backs
- accurate lot dimensions
- legible
- underground or over head utilities



APPENDIX G

SWIMMING POOLS, SPAS AND HOT TUBS

(The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.)

SECTION AG101 GENERAL

AG101.1 General. The provisions of this appendix shall control the design and construction of swimming pools, spas and hot tubs installed in or on the *lot* of a one- or two-family dwelling.

AG101.2 Pools in flood hazard areas. Pools that are located in flood hazard areas established by Table R301.2(1), including above-ground pools, on-ground pools and in-ground pools that involve placement of fill, shall comply with Sections AG101.2.1 or AG101.2.2.

Exception: Pools located in riverine flood hazard areas which are outside of designated floodways.

AG101.2.1 Pools located in designated floodways. Where pools are located in designated floodways, documentation shall be submitted to the *building official*, which demonstrates that the construction of the pool will not increase the design flood elevation at any point within the *jurisdiction*.

AG101.2.2 Pools located where floodways have not been designated. Where pools are located where design flood elevations are specified but floodways have not been designated, the applicant shall provide a floodway analysis that demonstrates that the proposed pool will not increase the design flood elevation more than 1 foot (305 mm) at any point within the *jurisdiction*.

SECTION AG102 DEFINITIONS

AG102.1 General. For the purposes of these requirements, the terms used shall be defined as follows and as set forth in Chapter 2.

ABOVE-GROUND/ON-GROUND POOL. See "Swimming pool."

BARRIER. A fence, wall, building wall or combination thereof which completely surrounds the swimming pool and obstructs access to the swimming pool.

HOT TUB. See "Swimming pool."

IN-GROUND POOL. See "Swimming pool."

RESIDENTIAL. That which is situated on the premises of a detached one- or two-family dwelling or a one-family *townhouse* not more than three stories in height.

SPA, NONPORTABLE. See "Swimming pool."

SPA, PORTABLE. A nonpermanent structure intended for recreational bathing, in which all controls, water-heating and water-circulating *equipment* are an integral part of the product.

SWIMMING POOL. Any structure intended for swimming or recreational bathing that contains water over 24 inches (610

mm) deep. This includes in-ground, above-ground and on-ground swimming pools, hot tubs and spas.

SWIMMING POOL, INDOOR. A swimming pool which is totally contained within a structure and surrounded on all four sides by the walls of the enclosing structure.

SWIMMING POOL, OUTDOOR. Any swimming pool which is not an indoor pool.

SECTION AG103 SWIMMING POOLS

AG103.1 In-ground pools. In-ground pools shall be designed and constructed in conformance with ANSI/NSPI-5 as listed in Section AG108.

AG103.2 Above-ground and on-ground pools. Above-ground and on-ground pools shall be designed and constructed in conformance with ANSI/NSPI-4 as listed in Section AG108.

AG103.3 Pools in flood hazard areas. In flood hazard areas established by Table R301.2(1), pools in coastal high hazard areas shall be designed and constructed in conformance with ASCE 24.

SECTION AG104 SPAS AND HOT TUBS

AG104.1 Permanently installed spas and hot tubs. Permanently installed spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-3 as listed in Section AG108.

AG104.2 Portable spas and hot tubs. Portable spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-6 as listed in Section AG108.

SECTION AG105 BARRIER REQUIREMENTS

AG105.1 Application. The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools, spas and hot tubs.

AG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be surrounded by a barrier which shall comply with the following:

1. The top of the barrier shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of

- the barrier shall be 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an above-ground pool, the barrier may be at ground level, such as the pool structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm).
2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.
 3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
 4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed $1\frac{3}{4}$ inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed $1\frac{3}{4}$ inches (44 mm) in width.
 5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed $1\frac{3}{4}$ inches (44 mm) in width.
 6. Maximum mesh size for chain link fences shall be a $2\frac{1}{4}$ -inch (57 mm) square unless the fence has slats fastened at the top or the bottom which reduce the openings to not more than $1\frac{3}{4}$ inches (44 mm).
 7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than $1\frac{3}{4}$ inches (44 mm).
 8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, and shall be equipped to accommodate a locking device. 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. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate, the release mechanism and openings shall comply with the following:
 - 8.1. The release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate; and
 - 8.2. The gate and barrier shall have no opening larger than $\frac{1}{2}$ inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.
 9. Where a wall of a dwelling serves as part of the barrier, one of the following conditions shall be met:
 - 9.1. The pool shall be equipped with a powered safety cover in compliance with ASTM F 1346; or
 - 9.2. Doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and/or its screen, if present, are opened. The alarm shall be listed and labeled in accordance with UL 2017. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or
 - 9.3. Other means of protection, such as self-closing doors with self-latching devices, which are approved by the governing body, shall be acceptable as long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described above.
 10. Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps:
 - 10.1. The ladder or steps shall be capable of being secured, locked or removed to prevent access; or
 - 10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of Section AG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.

AG105.3 Indoor swimming pool. Walls surrounding an indoor swimming pool shall comply with Section AG105.2, Item 9.

AG105.4 Prohibited locations. Barriers shall be located to prohibit permanent structures, equipment or similar objects from being used to climb them.

AG105.5 Barrier exceptions. Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in section AG107 of the code, shall be exempt from the provisions of sections AG105.2, AG105.3, and AG105.4 of the code.

R 408.30547

SECTION AG106 ENTRAPMENT PROTECTION FOR SWIMMING POOL AND SPA SUCTION OUTLETS

AG106.1 General. Suction outlets shall be designed and installed in accordance with ANSI/APSP-7:

SECTION AG107 ABBREVIATIONS

AG107.1 General.

ANSI—American National Standards Institute
11 West 42nd Street
New York, NY 10036

APSP—Association of Pool and Spa Professionals
NSPI—National Spa and Pool Institute
2111 Eisenhower Avenue
Alexandria, VA 22314

ASCE—American Society of Civil Engineers
1801 Alexander Bell Drive
Reston, VA 98411-0700

ASTM—ASTM International
100 Barr Harbor Drive,
West Conshohocken, PA 19428

UL—Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096

SECTION AG108 STANDARDS

AG108.1 General.

ANSI/NSPI

ANSI/NSPI-3-99 Standard for
Permanently Installed Residential Spas AG104.1

ANSI/NSPI-4-99 Standard for Above-ground/
On-ground Residential Swimming Pools AG103.2

ANSI/NSPI-5-2003 Standard for
Residential In-ground Swimming Pools AG103.1

ANSI/NSPI-6-99 Standard for
Residential Portable Spas AG104.2

ANSI/APSP

ANSI/APSP-7-06 Standard for Suction Entrapment
avoidance in Swimming Pools, Wading Pools, Spas,
Hot Tubs and Catch Basins AG106.1

ASCE

ASCE/SEI-24-05 Flood Resistant
Design and Construction AG103.3

ASTM

ASTM F 1346-91 (2003) Performance
Specification for Safety Covers and Labeling
Requirements for All Covers for Swimming Pools,
Spas and Hot Tubs AG105.2, AG105.5

UL

UL 2017-2000 Standard for General-purpose
Signaling Devices and Systems—with Revisions
through June 2004 AG105.2

BUILDING PERMIT EXPIRATION

The BUILDING PERMIT will be valid for 180 days from the ISSUE DATE.

Upon request, the permit can be extended for an additional 180 days, provided an inspection has been done by the Township Building Inspector within the original 180 days.

If an inspection **has not** been done by the Township Building Inspector within the original 180 days, an extension is not guaranteed, but will be considered upon request & discussion with the Building Inspector.

If the permit is extended, work may continue. If the permit is **not** extended, it is considered EXPIRED and work **cannot** continue until a new permit is applied for and issued.

The NEW PERMIT FEE will be adjusted to reflect the value of the work remaining to complete original project.

An inspection **MUST** be done within the 180 day extension, or the permit will be **CANCELLED**.

If the APPLICANT wishes to **CANCEL** the permit, a written request must be made to the Township office. Only upon receipt of this request will a refund of the **remaining building permit fee** be given.

*NOTE: Many Homeowner Insurance Companies require proper inspections (building, electrical, etc.) to insure your home and to process your claims. It is to your benefit to have all inspections made.

Building Inspector
Williamstown Township
655-3193