

Village of Worth-Building Department
In Ground Pool Requirements

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Worth, IL 60482
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The following information must be filled out on the application in order to approve a In Ground Pool permit.

- Date of Application
- Name of Owner of Property and Phone Number
- Project Address
- Cost of Project
- Indicate the size of the pool and walkways
- Indicate if there is an existing fence
- Real Estate Tax ID Number (found on Real Estate Tax Bill)
- All contractor's hired on the project: Name, Address and Phone Number(Indicate "Homeowner" if a licensed contractor is not being used)
- Sign and Date Permit Application

Plat Of Survey

A Plat of Survey of the property must accompany the permit application. This will not be returned to the property owner, however, our office would be happy to make a copy. Draw the pool, walkways, fencing and deck/patio on the plat in its exact location. Draw the distance from the pool and decking to side and rear lot lines.

Grading Plan

A proposed grading and/or landscaping plan that will identify the new grade and plant placement on the property upon construction of the pool. This is necessary to insure that overland drainage routes are not blocked. This plan must be approved by the Village Building Commissioner prior to issuing the permit.

Fee

The cost of an in-ground pool permit is 1.5% of the project cost, forty dollars for electric permit and \$50 dollars for final inspection. There will also be a cash bond charged that is 3 times the permit fees. The cash bond will be returned 3-5 weeks after the final inspection is approved. Payment is not required until the permit is picked-up at the Clerk's Office.

Inspections

Framing inspection, pre-pour inspection, underground plumbing, electric and final for each.

Permit Issuance

Permits take approximately **three to five business days** to process. The Building Department will notify the property owner by telephone when the permit is ready. All permits to be picked-up at the Village Clerk's Office.

Contractor's

All contractors doing work in the Village of Worth must be licensed and bonded with Village prior to starting work. Permits will not be issued unless all contractors noted on the permit are licensed and bonded.

Property Owner

The owner of the property where work is to be performed is responsible for filling out the permit application and obtaining the permit before any construction is performed. Property owners may give permission for a contractor or any other party to apply for the permit and obtain it, but is still responsible.

J.U.L.I.E.

Please call the Joint Utility Locating Information for Excavators (J.U.L.I.E) at least 48 hours prior to any digging. Please call 811.

Location of Pool

Rear yard only. No pool including surrounding decking or sidewalk, pumps, filters, and pool water disinfections equipment installations, shall be placed less than six (6) feet from the property lines. Nothing is allowed to be placed in any easement area.

Walk Areas

Unobstructed walk areas not less than 36 inches wide shall be provided to extend entirely around the pool. The walk area shall be constructed of impervious material, and the surfaces shall be of such as to be smooth and easily cleaned and of nonslip construction. The slope of the walks shall have a pitch of at least ¼ inch to the foot, designed so as to prevent back drainage from entering the pool.

Fencing

All private residential swimming pools shall be completely enclosed by a fence erected along the periphery of the pool walks. All fence openings or points of entry into the pool area enclosure shall be equipped with gates. The fence and gates shall be at least six feet (6') in height above the walk grade level and shall be constructed of a minimum number 9-gauge woven wire mesh, corrosion resistant material or of approved wooden material. All gates shall be five feet (5') or higher and shall be equipped with self-closing and self-latching devices made inaccessible to small children. The fence posts shall be corrosion resistant and shall be set in concrete bases or there shall be a fence around the perimeter of the lot of the property, which fence shall be a height of at least four feet (4') and no higher than six feet (6').

Water Supply

The water supply when in the pool shall meet the following clarity criterion: filters shall be capable of maintaining the clarity of the water to permit the ready identification, through an eight foot (8') depth of water of a disc two inches (2") in diameter, which is divided into four (4) quadrants in alternate colors of red and white.

Electrical Requirements

All electrical installations provided for, installed and used in conjunction with private residential swimming pools, shall be in conformance with the ordinances regulating electrical installations.

No current carrying electrical conductors overhead shall cross private residential swimming pools within ten (10) feet and underground lines within five (5) feet of the pool.

All metal fences, enclosures, or railings near or adjacent to swimming pools, which might become electrically alive as a result of contact with broken overhead conductors or from any other cause shall be effectively grounded. No underwater lighting shall be allowed.

Step Ladders

Two or more means of egress in the form of steps or ladders shall be provided for all swimming pools. At least one means of egress shall be located on a side of the pool at both deep end and shallow end of the pool. Treads of steps and ladders shall be constructed of nonslip material and at least three inches wide for their full length. Steps and ladders shall have a handrail on both sides.

Structural Design

Swimming pools shall be designed to withstand the water pressure from within and to resist the pressure of the earth when the pool is empty, to a pressure of 2,200 pounds per square foot. The slope of the bottom of any part of a pool in which the water is less than five feet in depth shall not be more than one foot in each ten feet. The maximum slope where water is five feet or more in depth shall not exceed one foot in two feet.

Walls & Floors

Swimming pool walls and floors shall be constructed of any impervious material which will provide a tight tank with white or light colored finish and easily cleaned surfaces. The floor or bottom surface of the pool shall have a nonslip finish as smooth as possible.

Wall Slopes

To a depth of five feet (5') from the top, the wall slope shall not be more than one and one-half feet (1 1/2') horizontal in five feet (5') vertical.

Floor Slopes

The slope of the floor in the shallow end shall not exceed one foot (1') vertical to seven feet (7') horizontal. The transition point between shallow and deep water shall not be less than four feet (4') deep and not more than five feet (5') deep.

Skimmers

In every swimming pool, at least one skimming device shall be provided for each 800 square feet of surface area or fraction thereof. Handholds shall be provided and consist of a bull-nosed coping not over 2 1/2 inches thick for the outer two inches above the normal water line. Swimming devices shall be built into the pool wall, shall adequately removed floated oils and waste and shall meet the following general specifications:

Each skimmer shall be designed for a flow-through rate of at least 30 gallons per minute and a total capacity of all skimmers on any pool shall be at least 50% of the required filter flow of the re-circulation system.

They shall be automatically adjustable to variations in water level over a range of at least three inches

An easily removable and cleanable basket or screen through which all overflow water must pass shall be provided to trap large solids.

The skimmer shall be provided with a device to prevent airlock in the suction line. If an equalizer pipe is used, it shall provide an adequate amount of make-up water for pump suction should the water of the pool drop below the weir level. This pipe shall be at least two inches in diameter and shall be located at least one foot below the lowest overflow level of skimmer.

An equalizer line shall be provided with a valve that will remain tightly closed under normal operating conditions, but will automatically open at a difference of not more than four inches between the pool level and the level of the overflow tank.

The overflow weir shall be of sufficient length to maintain a rate of flow of at least 20 gallons per minute per linear foot of weir lip.

If you have any questions, please contact the Building Department at 708-923-7507.