



132 Elmwood Ave., Medina, OH 44256
Telephone: 330-722-9030 Fax: 330-764-4385
www.medinaoh.org

SWIMMING POOLS

RESIDENTIAL CODES AND REGULATIONS

Planning and Zoning

Public or private **in-ground** or **above-ground** swimming, wading or other pools as defined by the Building Code as structures requiring a permit, shall not be located in front yards, and shall be no closer than **five (5) feet** to the side, or rear property line.

Building Code Ordinance

Any public or private **in-ground** or **above-ground** swimming, wading or other pools capable of containing three feet or more of water depth, or with a sidewall height of 36 inches shall be considered structures for permit requirements.

Fence Requirements

The owners and/or operators of any swimming pool located within the City shall construct and maintain fences that will deny ingress to animals and persons not admitted to such swimming pool by the owner/operator.

Fences shall be constructed so that no more than three inches of open space exists between the bottom of the fencing material and the ground measured vertically and shall have not more than four inches of clear opening in any dimension except for doors or gates.

Fences shall be not less than four feet in height, and not more than six feet in height. **Exception:** Above-ground pools having sidewalls of four feet or more in height from the finish grade, shall be required to have fencing and gates only where access to the pool may be had.

Fences shall be equipped with locks so as to comply with regulations.

Permit Fees

Building Permit: \$25.00 Electrical Permit: \$25.00 Zoning Certificate: \$25.00 Fence (if needed): \$25.00

INSPECTIONS REQUIRED: *Electrical* – Trench & Final *Building* – Final

Electrical Code Requirements (General)

- All pool circuit wiring shall be suitable for wet locations and include an insulated copper conductor for grounding purposes. Wiring supplying the pump motor circuit is permitted to be any type permitted by Code on the interior of a one family dwelling unit.
- All underground wiring must be in a raceway (conduit).
- Conduit buried underground must have a minimum of 18 inches of cover (plastic) or 6 inches of cover (rigid metal).
- Pump motor receptacle must be 10 feet from the pool but may be no less than 6' if it employs a single, locking, grounding type configuration with GFCI protection.
- For dwelling units, at least one 125 volt, 15 or 20 amp general purpose receptacle must be provided no less than 6 feet and not more than 20 feet from pool.
- All 15 and 20 amp 125 volt receptacles located within 20 feet of pool shall be GFCI protected.
- All of the following (if present) must be bonded together to form an equipotential bonding grid:
 1. Conductive pool shells (poured or sprayed concrete, concrete block, metal)
 2. Perimeter surfaces (walking surfaces within 3 feet of pool walls)
 3. Metallic components (reinforcing steel, etc.)
 4. Underwater lighting (metal forming shells)
 5. Metal fittings (ladders, handrails, etc.)
 6. Electrical equipment (pump motors, pool cover motors, water heaters, etc.)
 7. Fixed metal parts within 5 feet of pool (metal raceways, piping, awnings, fences, doors, windows, etc.)
 8. Pool water

**PLEASE SEE NATIONAL ELECTRICAL CODE ARTICLE 680 FOR
COMPLETE ELECTRICAL REQUIREMENTS FOR POOLS**



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GRADING INSPECTIONS FOR POOL INSTALLATIONS

Before a permit can be issued and prior to any construction, an on-site inspection is required of the area in which the pool will be constructed. This inspection is necessary to determine if storm drainage will be affected in this area or the surrounding properties. In order to perform this inspection, the proposed structure must be marked with either spray paint or stakes. The applicant is then required to call for a preconstruction inspection.

This process will avoid unforeseen drainage and grading problems which could develop after completion of the project.

For scheduling inspections and any additional questions call (330) 722-9084.

Thank you in advance for your cooperation.

Cory Clifford

For: Patrick Patton, P.E.
City Engineer

ALL POOLS REQUIRE INSPECTION BEFORE RELEASE OF PERMIT