



POOL PERMIT & ZONING CERTIFICATE

132 North Elmwood Avenue

Phone: 330-722-9030

www.medinaoh.org

permits@medinaoh.org

Application

Permit Number _____

Date of Application _____

GENERAL	Property Location _____ Lot # _____ PPN: _____ TCOV <input type="checkbox"/> Historic District <input type="checkbox"/> Estimated cost (omit cents) \$ _____ Scope of Work _____				
CONTACT INFORMATION	Contractor/Applicant Contractor _____ Registration # _____ Address _____ City _____ State _____ Zip _____ Phone _____ Email _____ Property Owner Name _____ Address _____ City _____ State _____ Zip _____ Phone _____ Email _____				
PROJECT INFORMATION	Type of Use: Single Family <input type="checkbox"/> Duplex <input type="checkbox"/> Multi-family <input type="checkbox"/> #Units _____ Commercial <input type="checkbox"/> Type of Pool: Above Ground <input type="checkbox"/> Inground <input type="checkbox"/> Size & Depth _____ Is the yard fenced in? Yes <input type="checkbox"/> No <input type="checkbox"/> Does this pool have a removable/locking ladder? Yes <input type="checkbox"/> No <input type="checkbox"/> <p>Please include 1 set of drawings/plans (3 sets if inground), scope of work, materials list, and spec sheets for the pool and pump. A site map with setbacks marked should also be submitted.</p> <p>A grading inspection by the City of Medina's Engineering Department shall be required prior to the issuing of the permit.</p>				
SIGNATURE & SUBMITTAL	<p><i>The owner or agent of the owner of this building and undersigned, do hereby covenant and agree to comply with all laws of the State of Ohio, Codified Ordinances of the City of Medina pertaining to the performance of work for which this permit is issued, and in accordance with the approved plans, specifications or manufacturer's instructions submitted herewith, and certify that the information and statements given on this application, drawings and specifications are to the best of their knowledge, true and correct. Undersigned accepts responsibility for requesting all required inspections in a timely manner.</i></p> Application By: _____ Date _____ <i>Signature of owner, contractor, or authorized agent</i> Print name of Applicant: _____				
OFFICIAL USE	<div style="text-align:right;">Fee \$ _____</div> Signature _____ Date _____ <i>Zoning Official</i> Signature _____ Date _____ <i>Building Official</i> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">HVAC Permit # & Fee (if applicable)</td> <td style="width:25%;">Elect Permit # & Fee (if applicable)</td> <td style="width:25%;">Plumb Permit # & Fee (if applicable)</td> <td style="width:25%;">Planning Application # (if applicable)</td> </tr> </table>	HVAC Permit # & Fee (if applicable)	Elect Permit # & Fee (if applicable)	Plumb Permit # & Fee (if applicable)	Planning Application # (if applicable)
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Submittal Requirements

All applications shall be accompanied by one (1) set of drawings/plans if above ground, or (3) sets if inground, scope of work, materials list, and spec sheets for the pool and pump.

The searchable Medina County Auditor's Website at <http://gm.medinaco.org/> is a good resource to create a plan.

Site map – please mark the location of pool and setbacks – the distance of the pool from the sides and rear of your property





132 Elmwood Ave., Medina, OH 44256
Telephone: 330-722-9030 Fax: 330-764-4385
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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: \$25.25 Plumb/HVAC Permit: (if heated): \$25.25
Fence (if required): \$25.00

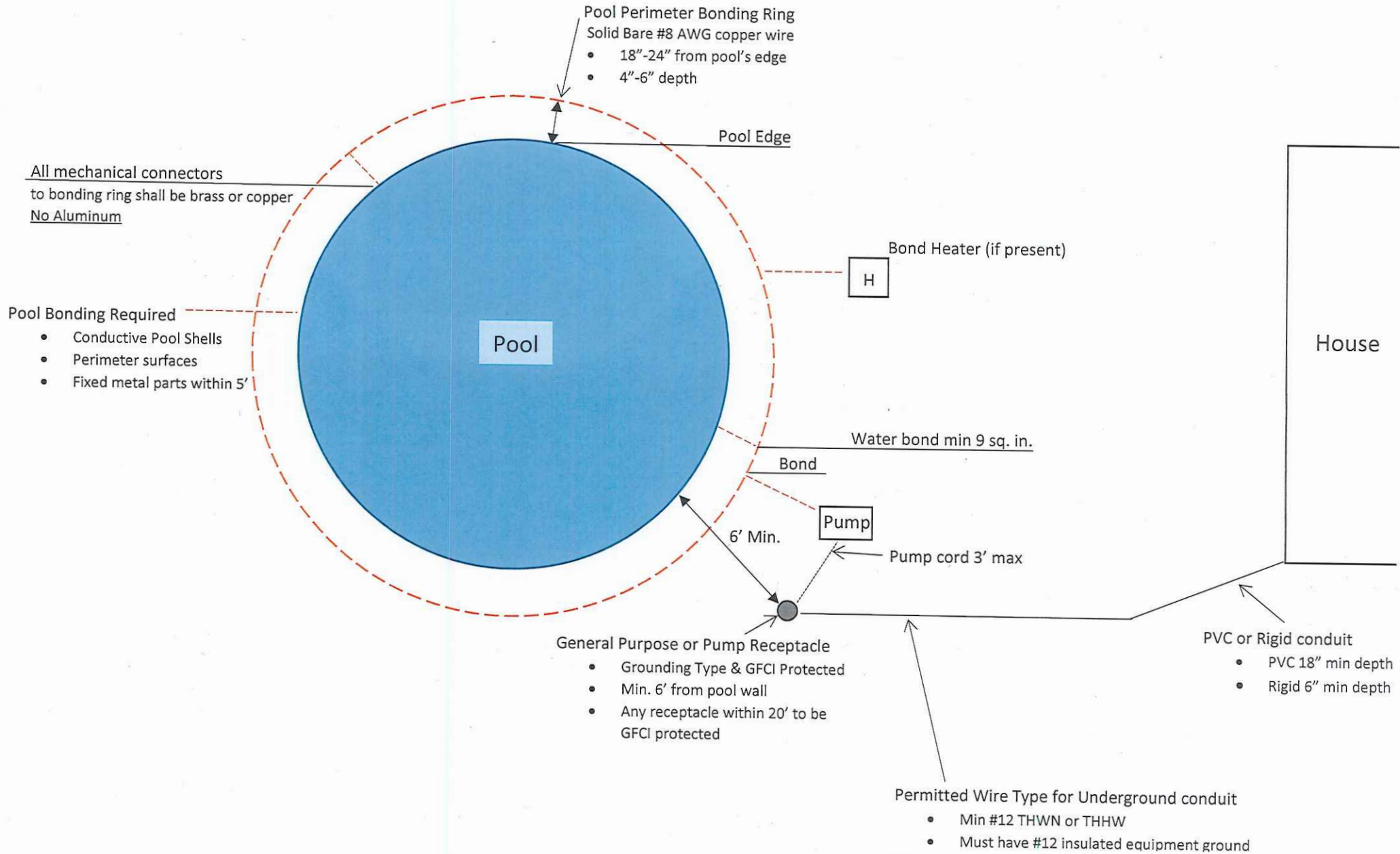
INSPECTIONS REQUIRED: *Electrical* – Trench & Final *Building* – Final

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**

Residential Guide for Above Ground Swimming Pool



*** Prohibited wire type**

- No NM Cable (Romex) once wiring leaves the house
- No UF Cable (direct burial) does not have insulated equipment ground

General Electrical Requirements for Above Ground Swimming Pools

Intended to help with Home Owner Electrical Permits. This is not an exclusive list.

All electrical wiring shall comply with the 2017 National Electrical Code – Article 680

All swimming pool wiring shall be suitable for wet locations.

All exterior swimming pool wiring shall be in a conduit.

- PVC Plastic Conduit shall be a minimum of 18" deep.
- Rigid Metal – Intermediate Metal Conduits shall be a minimum of 6" deep.

Cannot use: NM (Romex Cable) or UF (Underground Romex) cable outdoors or underground.

Exterior Pool Wiring shall be minimum wire size #12 THHW (W = suitable for wet locations).

The Equipment Grounding Conductor shall be a minimum size # 12, insulated and GREEN in color.

- Three common conductor colors – Black – White – Green.

Pump Motor Receptacle shall be:

- A minimum of 6 feet from the edge of pool water.
- GFCI (Ground Fault Circuit Interrupter) protected – can use a GFCI receptacle or GFCI breaker.

All other (new and existing) outdoor receptacles located within 20 feet of the swimming pool water's edge shall be GFCI protected.

Perimeter Bonding (Equipotential Bonding) of the Swimming Pool Area and equipment:

This is simply a bare copper wire buried in the ground that circles around the outer edge of the swimming pool and connects to any metal object(s) located within 5 feet of the swimming pool water's edge.

The Perimeter Bonding shall be:

- A minimum size #8 bare solid copper wire.
- Shall circle around the outside walls of the swimming pool.
- Located 18 to 24 inches from the outer edge of the swimming pool walls.
- Buried 4 to 6 inches deep in the ground.

If the Swimming Pool Support Legs are:

- **Metal** – Four (4) of the metal legs shall be connected to the perimeter bonding wire in four (4) evenly spaced locations.
- **Resin, plastic or non-metallic materials** – No connects are required.

The Circulating Pump Motor shall connect to the perimeter bonding wire.

Other Fixed Metal Objects located within 5 feet of the pool water shall connect to the bonding wire.

***Examples: awnings, fences, pool heaters, etc.*



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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 clearly marked on site. The applicant is then required to call for a preconstruction inspection.

Pre-pool grading inspection is required to prevent unforeseen drainage and grading problems with regard to pool placement and/or soil replacement.

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