



UNION COUNTY ENGINEER DIVISION OF BUILDING REGULATIONS

Residential Pool Permit Requirements

All applications must be completed on our website portal at
<https://unioncountyooh.portal.opengov.com>

- FEES: A *nonrefundable* permit application fee of \$35.00 and a *nonrefundable* plan review fee of \$105 will be due at the time of application. (payable to Union County Building Department) A 1% fee will be collected on behalf of Ohio Board of Building Standards to all permit fees. Total *due at time of application* is \$141.40.
- Pools will be charged a building permit fee and an electrical permit fee. A mechanical fee will apply if your pool is heated.
- Provide a zoning permit from the township/municipality.
- Health Department site plan approval for properties with well and/ or septic.

All plan submittals require two complete sets each stapled together.

- Provide detailed plot plans showing distances to any structures, fence or barricade location and locations of any utilities in the area, underground or overhead, well and septic system location.
- Provide manufacturer drawings of pool or structural drawings of concrete pool.
- Provide fence, barricade, gate, door closure, auto-cover, and/ or alarm description.
- Show location of pool equipment and electrical requirements.
- Show electrical disconnect locations, wiring information and electrical over current device information. Provide adequate information to show compliance with Article 680 of the 2017 National Electric Code
- Show location of related or unrelated electrical devices or equipment in vicinity of pool.
- Complete the questions on the attached pages and make sure your drawings show all the required information.

TO SCHEDULE AN INSPECTION

Schedule inspections through your OpenGov portal for 7 AM, same business day cutoff time.

233 West Sixth Street • Marysville, Ohio 43040 • 937.645.3018 • Fax 937.645.3161

POOL QUESTIONNAIRE
(available on the online application)

1. Yes No (Circle One)
Are there any underground utilities within 5 feet of the pool (ie) electric, phone, TV cable, etc. if so the provisions of Article 680.10, 2017 NEC shall apply? Show location on your site plan.

2. Yes No (Circle One)
Are there any overhead conductors in the vicinity of the pool, if so Article 680.8, 2017 NEC, overhead conductor clearance's table shall apply. Show location on your site plan.

3. Yes No (Circle One)
Provide details showing the installation of the required equipotential bonding grid and any metal parts requiring bonding at metallic structural components, under water lighting, metal fittings, electrical equipment, metal wiring methods and associated metallic parts per Article 680.26, 2017 NEC. Include an overhead view of the required equipotential bonding grid as required per Article 680.26, 2017 N.E.C. (ie) type of material, location of the grid material embedment, etc.

4. Yes No (Circle One)
Will there be any underwater pool lighting? If so provide a complete detail showing how many, what type, wiring methods used, branch circuit wiring, equipment grounding and any associated parts and fittings, per Article 680.23, 2017 NEC.

5. Yes No (Circle One)
Will there be any lighting fixtures, lighting outlets, or ceiling suspended (paddle) fans installed above the pool or the area extending 5 feet horizontally from the inside walls of the pool? per Article 680.22, B, 2017 NEC. Show location on your site plan.

6. Yes No (Circle One)
For dwelling unit(s) where a permanently installed pool is installed no fewer than one 125 volt 15 or 20 ampere receptacle shall be located not less than 6 feet from and not more than 20 feet from the inside wall of the pool per Article 680.22 A-3, 2017 NEC. And also have GFCI protection per Article 680.22 –A-4, 2017 NEC. Show the location on your drawing and indicate GFCI.

7. Show wiring methods on plans (i.e.) RMC, IMC, RNC, etc.

This applies to all exterior wiring at dwelling units and must contain a copper equipment grounding conductor sized in accordance with Article 250.122 but not smaller than 12 AWG. Other wiring methods and materials shall be permitted in specific locations or applications as covered in Article 680.21 2017 NEC (ie) flexible connections, cord and plug connections, double insulated pool pumps.

8. Yes No (Circle One)

One or more means to disconnect all ungrounded conductors shall be provided for all utilization equipment other than lighting. Each means shall be accessible and within sight from its equipment, per Article 680.12, 2017 NEC.

9. Will there be any specialized pool equipment (Circle all that apply)

Underwater audio equipment

Electrically operated pool covers which complies with ASTM F 1346

Deck area heater

If so Article 680.27, 2017 NEC shall apply. Provide details for the installation, manufacturers installation instructions may suffice.

10. Will there be a diving board? If so, provide a diagram showing clearances meeting the ANSI/NSPI-5 requirements.

11. Yes No (Circle One)

Will there be a pool water heater? If yes, please provide installation instructions along with a one-line diagram for the gas piping system and or electric as required per the manufacturer. Show required on/off switch and type of ignition system per Article 403.9.1, 2018 IECC.

Pool covers are required for heated pools per Article 403.9.3, 2018 IECC.

12. Please provide details for entrapment protection for the suction outlets per AG 106. When applicable, show the required dual drain separation, atmospheric vacuum relief system and VGB grate covers.