

Swimming Pool Permit Application

Village of Shorewood – Building Division
 One Town Center Boulevard
 Shorewood, IL 60404
 Phone (815) 553-2310 • Fax (815) 744-6766



SUBMISSION CHECKLIST:

- 1) Plat of Survey –Draw pool, equipment, and electrical or gas line locations on plat and indicate exact dimensions and setbacks from all property lines, structures and buildings, easements, flood plains, B lots, and all utility lines.
- 2) Contract with the pool contractor.
- 3) Brochures/plans indicating the material, size, framing, design or specifications for the pool, equipment, ladders, fence latching, pool topper/fencing, or alarms/covers.
- 4) Homeowner’s Association’s written approval (if applicable).
- 5) Utility lines flagged by J.U.L.I.E. & the Village (must call 811 to schedule), and pool location physically marked for a pre-inspection to be performed by the Building Inspector prior to permit release.
- 6) Fence Application (if needed).
- 7) Engineered drawings (if altering grade and if needed).
- 8) Payment (to be provided at permit pick up): credit, cash or check made out to Village of Shorewood.
(Credit/debit payments have service fees (cost based) that will be added on by the payment processor.)
 ABOVE GROUND POOLS \$75.00 IN-GROUND POOLS \$250.00

- Please allow a **minimum of one week** for processing. Applications are processed in the order in which they are received and undergo building and village code plan reviews. Incomplete submissions will extend the review time.
- Pool regulations are on our website www.vil.shorewood.il.us. Municipal regulations are on our website in the Municipal Code Title 8, Chapter 5.
- When the review/permit is complete and approved, the applicant will be notified.

APPLICANT & OWNER INFORMATION

APPLICANT (Contact) Name:	APPLICANT Phone:
PROPERTY OWNER Name:	PROPERTY OWNER Phone:
ADDRESS where work is to be done:	

CONTRACTORS *Please note all contractors must be licensed with Shorewood PRIOR to permit release*****

Pool Contractor:	Phone:
Electrical Contractor:	Phone:
Gas Line Contractor:	Phone:
Concrete Contractor:	Phone:
Excavating Contractor:	Phone:

*If you are not the legal owner of the property and are renting the premises, a letter of approval to install

a pool must be mailed by the property owner to the Village of Shorewood, Building & Zoning Division.
*If the property has not obtained a Certificate of Occupancy, and you are not the legal owner of the property due to new construction, a permit will not be released until occupancy has been released.

THE FOLLOWING MUST BE COMPLETED FOR REVIEW OF APPLICATION:

1. Type of Installation: _____Above Ground _____ In-Ground _____Semi In-Ground
2. Size of Pool: _____ Feet Round _____ Feet x _____ Feet
3. Are you in a flood zone or located near a gas pipeline easement? _____Yes _____No
4. Is there a septic field located on the property? _____Yes _____No
5. Will grading need to be altered?: _____Yes _____No

If yes, do you have engineered grading plans? _____Yes _____No

6. Is the pool or pool equipment located in any easements? _____Yes _____No
7. Have you called 811 to schedule for the J.U.L.I.E. lines to be flagged and also physically marked the location of the pool so that a pre-inspection of the pool location can be performed by our Building Inspector prior to permit release to confirm location compliance? _____Yes _____No

8. The pool will be located:

_____ Feet from the wall of the home

_____ Feet from the rear property line

_____ Feet from the side property line & _____ feet from opposing side property line

_____ Feet from the ComEd line

_____ Feet from an accessory structure (if applicable)

9. Is the yard currently fenced in?: _____Yes _____No

If no, do you have a pool topper fence or fence application attached to this application for submittal?
_____Yes _____No

If yes, does it have gates that swing outward from the rear yard and have self-closing and self-latching mechanisms? _____Yes _____No

10. Will ALL sides of the pool have a safety barrier to prevent small children from gaining unauthorized entry into the pool? _____Yes _____No

If no, have you supplied brochures for alarming mechanisms on doors or ASTM rated pool covers?
_____Yes _____No

11. Will construction require driving over public infrastructure, such as curbs, parkway or sewer/water/storm lines? _____Yes _____No

12. What is the overall cost of the project? \$ _____ (ATTACH COPY OF SALES ORDER)

ELECTRICAL – (All conductors must be copper. No Romex is allowed. No ground rods are allowed.)

13. Will electrical lines be installed? _____Yes _____No

If yes, where exactly will the lines be installed? _____

What material will be used? _____

At what depth will the electrical lines be installed? _____

At what distance will GFCI receptacles be located from the inside wall of the pool? (Code states there must be a minimum of 1 receptacle 6-20 feet from the pool wall. 680.22A3) _____

Will a contractor be installing the electrical? _____Yes _____No

If no, does existing electrical need to be brought up to current code? _____Yes _____No

If yes, will a contractor be updating the electrical? _____Yes _____No

GAS – (NO underground joints allowed.)

14. Will gas lines be installed? _____Yes _____No

If yes, will Anodeless Risers or corrosive resistance protective coating over metallics be used?

At what depth will the gas line be installed? _____

Will the existing gas meter be sufficient to support the extra supply? _____Yes _____No

PLUMBING –

15. Will suction outlets be installed? _____Yes _____No

INSPECTIONS ARE REQUIRED: A field verification of pool location and J.U.L.I.E. lines is required PRIOR to release of any permits and starting any work to ensure location is compliant. Once the permit is released, inspections will be required prior to backfilling, prior to covering underground gas or electrical lines, prior to pouring any concrete, once bonding is complete, and in all cases, a final inspection is required. (Inspections will vary based on individual projects.) At final inspection it is required that all fencing and safety mechanisms are installed PRIOR to filling the pool, unless directed otherwise by manufacturers specifications, in order to receive an approval to occupy the pool.

Signature of Applicant

Signature of Owner

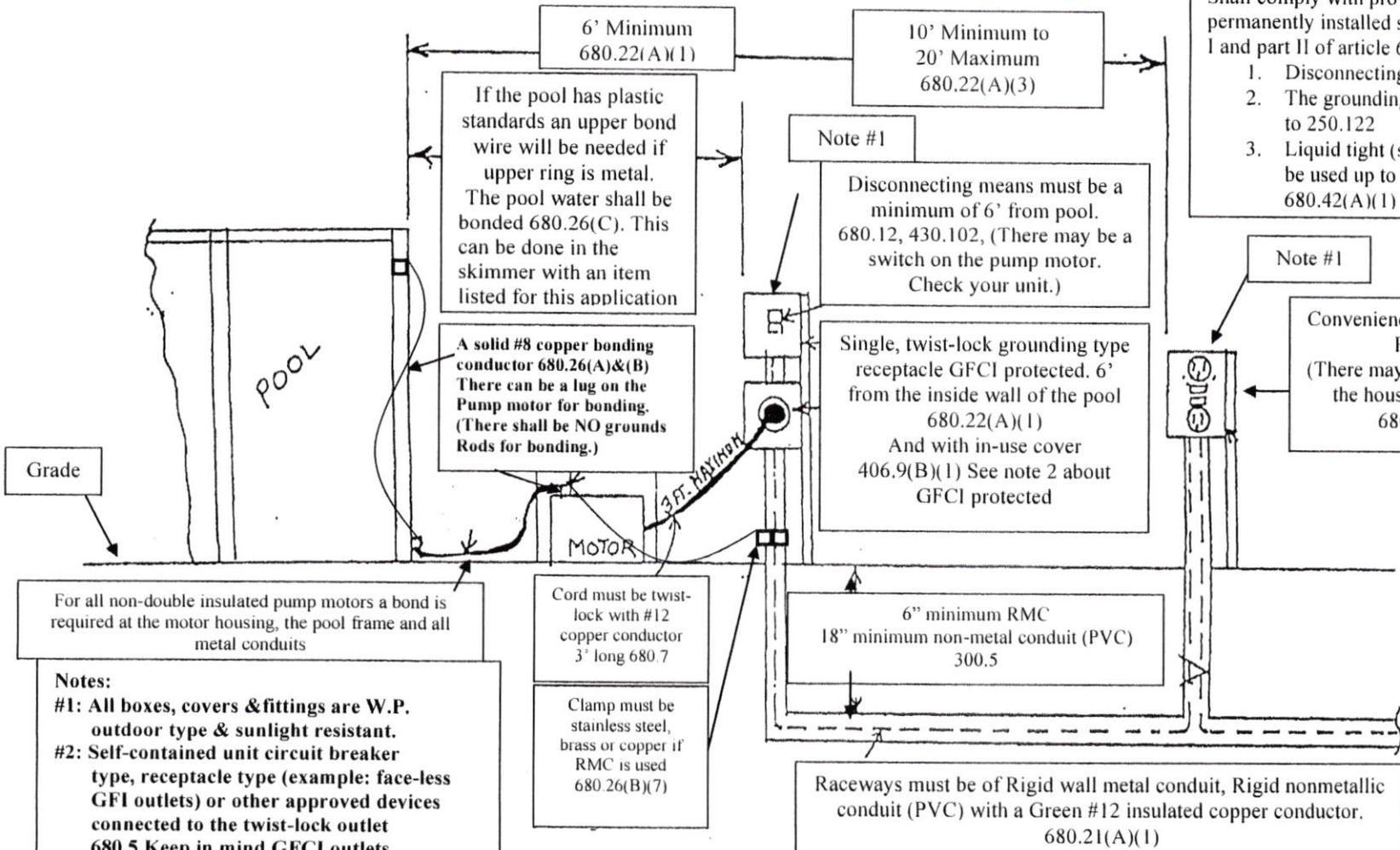
Date

Authorized Agent hereby certifies that the proposed work is authorized by the owner of record and he/she has been authorized by the owner to make this application as his/her authorized agent. Attach copy of signed contract.

PERMANENTLY INSTALLED SWIMMING POOL CHECK LIST TO THE 2011 NEC

1. ____ Are there any underground conductor within 5' horizontally from the inside wall at the pool?
680.10
2. ____ Are there any overhead Electrical Conductors in the area extending 10 ft. horizontally from the inside wall of the pool and 22.5' up from water level? 680.8
3. ____ Is the pump motor third party listed to U.S. standards with a label for a pool motor? (UL1081 is the standard) 110.3(B)
4. ____ Is the cord on the pump motor #12 wiring and no longer than 3' with a twist lock cord cap? 680.7
5. ____ Is the receptacle 6' from the inside pool wall? 680.22(A)(1)
6. ____ Is the receptacle a twist-lock and protected by GFCI? 680.5 This must be a GFCI breaker or GFCI face-less type outlet or GFCI outlet, rated for the h.p. at the pump. (GFCI outlets can only do up to 1 1/2 h.p. motors.)
7. ____ Is the cover for the receptacle an in-use cover? 406.9(B)(1)
8. ____ Is there a GFCI general purpose outlet on a general purpose circuit 10' from pool wall and not more than 20'? 680.22(A)(3)
9. ____ Is there a disconnecting switch located at least 5' from the inside wall of the pool? 680.12
10. ____ Is the raceway rigid heavy wall metal conduit, intermediate metal conduit or rigid nonmetallic conduit (PVC) and listed for electrical use? 680.21(A)(1) 110.3 (b) (Note: There shall be no plumber's putty (pipe dope) or plumber's Teflon tape (white tape) on the ends of the metal type conduit.)
11. ____ Is the raceway buried to the correct depth? RMC, IMC=6 inches and PVC 18inches from the top of the conduit to grade. 300.5 and Table 300.5
12. ____ There must be a minimum of a #12 green wire installed in the raceway. 680.21(A)(1) The wire must be green in color. 250.119
13. ____ The grounding conductor must pick up all junction boxes, light fixtures, pump motors, transformer enclosures, devices like switches, outlets, etc. 680.6
14. ____ Is there a grounding conductor between panel boards that are not part of the service equipment subpanels and that supply any electric equipment associates with the pool? 680.25(B) The wire shall be sized in accordance with table 250.122 and shall also be insulated.
15. ____ The bonding conductor must be a solid #8 copper wire. (Bare conductor is OK). This wire must pick up the pool frame (upper and lower ring if metal), water, pump motor, pool heater (if one), RMC or IMC piping, and any metallic part within 5' of the pool. 680.26(B)(1)(2)(3)(4)(5)(6) and (7)(C)
16. ____ Is the bonding conductor connection completed with a clamp which is of stainless steel, brass, or copper? (No zinc parts)
17. ____ Double insulated pump motors do not have to be bonded with the solid #8 but must have a #12 green wire to them. They shall have a #8 solid bonding wire in the vicinity of the pool pump motor for replacement motors.
18. ____ If RNC (PVC) is used with RNC PVC boxes, these items must be listed "electrical and sunlight" resistant. Support and expansion fitting may be needed. (Article 352) (No plumbing type pipes.)

Electrical Pool information to the 2011 N.E.C. For Permanently installed pools



Outdoor Spa or Hot tub 680.42

Shall comply with provisions of permanently installed swimming pools part I and part II of article 680

1. Disconnecting means is required.
2. The grounding wire must be sized to 250.122
3. Liquid tight (seal tight) can only be used up to 6 ft. in length. 680.42(A)(1)

Notes:

- #1: All boxes, covers & fittings are W.P. outdoor type & sunlight resistant.
- #2: Self-contained unit circuit breaker type, receptacle type (example: face-less GFI outlets) or other approved devices connected to the twist-lock outlet 680.5 Keep in mind GFCI outlets can only protect up to 1.5 hp motors.
- #3: All PVC must be of the electrical type and be listed. (Conduit must be gray in color)
- #4: All pump motors shall be listed and labeled as per 110.3(B) UL or equivalent by an approved testing agency to U.S. standards.

Grounding. The following Equipment shall be grounded: (1) wet-niche and no-niche underwater lighting fixtures, (2) dry-niche underwater lighting fixtures, (3) all electric equipment located within 5ft of the inside wall of the pool, (4) all electric equipment associated with the recirculating system of the pool, (5) junction boxes, (6) transformer enclosures, (7) ground-fault circuit-interrupters, (8) panelboards that are not part of the service equipment and that supply any electric equipment associated with the pool. **680.6**

The equipment grounding conductor shall be sized in accordance with table 250.122 but not smaller than #12 AWG

This shall be a continuous green ground wire.