



Swimming Pool Application

NOTICE TO ALL BUILDING PERMIT APPLICANTS

Complete the **ENTIRE** application. **Incomplete forms will be returned.**

Date and **SIGN** the application.

Payment for permit is required when picked up.

A final inspection is **REQUIRED**.

Dumpsters used for construction are **NOT** permitted to be placed on public streets.

Building & Zoning Department

151 N. Main Street

Glen Carbon, IL 62034

Phone 618-288-7502

Stacy Jose - Building & Zoning Administrator - sjose@glen-carbon.il.us

Kari Crawford - Building & Zoning Clerk - kcrawford@glen-carbon.il.us

Joe Lancey - Building Inspector - jlancey@glen-carbon.il.us

Glen Neal - Building Inspector - gneal@glen-carbon.i.us



Village of Glen Carbon Swimming Pool Application

A site plan must be submitted or drawn on the attached sheet at a scale large enough for clarity showing the following information:

- Location and dimensions of : lot, buildings, driveways and off street parking.
 - Distance between: Buildings (front, side and rear lot lines). Show location of proposed swimming pool and distance to property lines.
 - Location and dimensions of required fencing plan.
- Also to be submitted: (1) Details of water supply system, drainage and water disposal systems, and all pertaining to the swimming pool. (2) Detail plans of structures, vertical elevations and sections through the pool showing depth. (3) Show Construction area and how you intend to access said area.

Address of Property : _____

Type (circle one): Above Ground Pool In Ground Pool

Value of Improvement: _____

Owner:

Name: _____

Address: _____

Telephone: _____

Email: _____

Contractor:

Name: _____

Address: _____

Telephone: _____

Email: _____

The owner of this structure and the undersigned agree to conform to all applicable laws of this jurisdiction and agree not to allow person or persons to use or occupy the above structure before a final inspection has been made and approved and a Certificate of Use and Occupancy has been issued for said structure. **"It is the applicant's responsibility to comply with any subdivision covenants and restrictions which may also apply to your proposed construction."**

Signature of Owner or Legal Representative

Date

VILLAGE OF GLEN
CARBON SWIMMING POOL
REQUIREMENTS

1. The 2012 International Residential Code, 2005 National Electrical Code and the 2012 International Building Code are codes adopted and enforced by the Village of Glen Carbon with regard to swimming pool construction.
2. **Permits and Construction Documents:** A swimming pool or appurtenances thereto shall not be constructed, installed, enlarged or altered until construction documents have been submitted and a permit has been obtained from the Building Official. The approval of all Village, county and state authorities having jurisdiction over swimming pools shall be obtained before applying to the Building Official for a permit. Certified copies of these approvals shall be filed as part of the supporting data for the permit application.
3. **Construction Documents:** Construction documents shall accurately show dimensions and construction of the pool and appurtenances and properly established distances to lot lines, buildings, walks and fences, as well as details of the water supply system, drainage and water disposal systems, and all appurtenances pertaining to the swimming pool. Detailed construction documents of structures, vertical elevations and sections through the pool showing depth shall be included.

IF A WOOD DECK IS TO BE CONSTRUCTED IN CONJUNCTION WITH THE POOL, THEN A SEPARATE DECK PERMIT APPLICATION MUST BE SUBMITTED.

4. Locations:

A. *Location:* No swimming pool, whether public or private, shall be located in a front yard or closer than fifteen feet (15') to any side or rear lot line. A wall of a swimming pool shall not be located less than 15' from any rear or side property line or 25' from any street property line.

B. *Fences and Gates:* Every swimming pool, including aboveground pools that are more than two feet (2') deep, shall be enclosed by a wall or fence at least four feet (4') in height. The passage through such wall or fence shall be equipped with a self-closing gate.

C. *Installation Requirements:* Swimming pool installation shall comply with the village building code.

D. *Swimming Pools and Related Structures:* Swimming pools may be located in a required rear yard, provided they are no closer than fifteen feet (15') to any rear property line, or five feet (5') to any easement, whichever distance is greater. Decks or patios constructed in conjunction with any swimming pool may be located within a required rear yard; provided, that they are not located within an easement or closer than five feet (5') to any property line.

5. **Structural Design:** The pool structure shall be engineered and designed to withstand the expected forces to which the pool will be subjected.
6. **Wall Slopes:** To a depth up to 2' 9" (838 mm) from the top, the wall slope shall not be more than one unit horizontal in five units vertical (1:5).

7. **Floor Slopes:** The slope of the floor on the shallow side of the transition point shall not exceed one unit vertical to seven units horizontal (1:7). For public pools greater than 1,200 square feet (111.6m²), the slope of the floor on the shallow side of the transition point shall not exceed one unit vertical to ten units horizontal (1:10). The transition point between shallow and deep water shall not be more than 5' (1524mm) deep. The maximum permitted between point D2 and the transition point shall not exceed one unit vertical to three units horizontal (1:3) in private and public pools. D1 is the point directly under the end of the diving board. D2 is the point at which the floor begins to slope upwards to the transition point.
8. **Surface Cleaning:** All swimming pools shall be provided with a recirculating skimming device or overflow gutters to remove scum and foreign matter from the surface of the water. Where skimmers are used for private pools, there shall be at least one skimming device for each 1,000 square feet (93 m²) of surface area or fraction thereof. Overflow gutters shall not be less than 3 inches (76mm) deep and shall be pitched to a slope of one unit vertical to 48 units horizontal (1:48) toward drains, and constructed so that such gutters are safe, cleanable and that matter entering the gutter will be washed out by a sudden surge of entering water.
9. **Walkways:** All in ground swimming pools shall have walkways not less than 4' (1219 mm) in width extending entirely around the pool. Curbs or sidewalks around any swimming pool shall have a slip-resistant surface for a width of not less than 1' (305 mm) at the edge of the pool, and shall be arranged as to prevent the return of surface water to the pool.
10. **Steps and Ladders:** At least one means of egress shall be provided from private pools. Public pools shall provide ladders to other means of egress at the shallow section; or at least one means of egress in the deep section and the shallow section if diving boards are not provided. Treads of steps and ladders shall have the slip-resistance surfaces and handrails on both sides, except that handrails are not required where there are not more than four steps or where the steps extend the full width of the side or end of the pool. Treads and risers of the pool steps shall conform to the following:
 - a) Step treads shall have a minimum unobstructed horizontal depth of 10" (254mm) and a minimum unobstructed surface area of 240 square inches (0.15 m²).
 - b) Risers shall have a maximum uniform height of 12" (305mm) as measured at the centerline of the tread. The height of the bottom riser shall not vary more than plus or minus 2 inches (51mm) from the uniform riser height.
11. **Water Supply:** All swimming pools shall be provided with a potable water supply, free of cross connection with the pool or its equipment.
12. **Water Treatment:** Circulation equipment for public swimming pools shall be of adequate size to turn over the entire pool water content at least once every 8 hours. The system shall be designed to provide the proper turnover rate based upon the manufacturer's recommended maximum flow rate of the filter, in clean media condition. All recirculating systems shall be provided with a hair and lint strainer installed in the system ahead of the pump. Circulation equipment for private swimming pools shall be of adequate size to turn over the entire pool water content at least once every 12 hours. The system shall be designed to provide the proper turnover rate based upon the manufacture's recommended maximum flow rate of the filter in clean media condition. All recirculating systems shall be provided with a hair and lint strainer installed in the system ahead of the pump.

13. **Drainage System:** The swimming pool and equipment shall be equipped to be emptied completely of water and the discharged water shall be disposed of in an approved manner that will not create a nuisance to adjoining property.
14. **Appurtenant Structures:** All appurtenant structures, installations and equipment, such as showers, dressing rooms, equipment houses or other buildings and structures, including plumbing, heating and air conditioning systems, shall comply with all applicable requirements of the Glen Carbon Building Code.
15. **Accessories:** All swimming pool accessories shall be designed, constructed and installed so as not to be a safety hazard. Installations or structures for diving purposes shall be properly anchored to insure stability.
16. **Equipment Installations:** Pumps, filters and other mechanical and electrical equipment for public swimming pools shall be enclosed in such a manner as to provide access only to authorized persons and not to bathers. Construction and drainage shall be arranged to avoid the entrance and accumulation of water in the vicinity of electrical equipment.
17. **Diving Boards:** Minimum water depths and distances for diving hoppers for pools, based on board height above water, shall comply with the Glen Carbon Building Code.

PLOT PLAN

1. Draw lot and show its dimensions.
2. Show distances (setbacks) of all buildings to lot lines, dimensions (size) of building and lot. Indicate size and location of easements.
3. If corner lot, designate setback lines at both street locations.
4. Indicate any additional out-buildings and all existing buildings with dimensions.
5. Indicate location of requested pool.
6. Indicate all street and road names.
7. Indicate North Arrow.

