

APPLICATION FOR POOL PERMIT

ABOVE-GROUND IN-GROUND

REAL ESTATE TAX I.D. #: _ _ - _ _ - _ _ _ _ _



7607 W. College Dr.
Ph (708) 361-1804 Fax (708) 923-7112
building@palosheights.org

APPLICANTS: COMPLETE ALL ITEMS AND SUBMIT WITH ALL SUPPORT DOCUMENTATIONS			
LOCATION OF IMPROVEMENT	ADDRESS _____		
	SUBDIVISON _____	LOT _____	
OWNER	NAME _____	PHONE	
	ADDRESS _____	Home: _____	
	EMAIL _____	Business: _____	
		Cell: _____	
CONTRACTOR	NAME _____	Business: _____	
	ADDRESS _____		
	CONTACT _____		
	EMAIL _____	Cell: _____	
Pool cannot be located in easements or within 5 ft. of underground electric or within 10 ft. of		TOTAL COST OF IMPROVEMENT \$ _____	
overhead electrical lines. Must be enclosed on 4 sides by fence or barrier (minimum 6 ft. in height),			
located in the rear yard, and have anti-siphon sillcocks. Submit construction plans & Plat of			
Survey showing proposed location of pool on property. Once layout is complete, call for			
placement inspection before proceeding. Rough electric, electric bonding, underground plumbing,			
final electric, final plumbing and final building inspections are required as well as any other			
inspections that may be necessary depending upon pool construction. Soil erosion control			
measures are required, prior to issuance of permit. Permit Fee based on cost of construction.			
\$500.00 ENGINEERING ESCROW MAY BE REQUIRED AT TIME OF APPLICATION.			
Call Building Department for Inspections. 24 Hour Notice Required.			
BUILDING DEPARTMENT USE ONLY		I hereby declare that the above information is correct, and I do agree, in consideration of and upon issuance of a building permit, to perform only such work as described herein. I further declare that I am the owner, his contractor or authorized agent and have permission from the owner to apply for this permit.	
BUILDING PERMIT NO. _____		I/WE AGREE TO CONFORM TO ALL APPLICABLE LAWS, ORDINANCES AND CODES OF THIS JURISDICTION.	
BUILDING PERMIT FEE \$ _____		_____	
_____		Print Name	
APPROVED BY		Signature of Applicant Date	

Pool Requirements



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Required Inspections:

- Once pool area is cleared, call for placement review.
- Any or all concrete must be inspected prior to pour.
- Backfill inspection.
- Bonding inspection – handrails, ladders, lights, etc.
- Underground plumbing inspection.
- Final inspections (Electrical, plumbing, building)

Pool Location:

- Pool cannot be located in easements.
- Pool and the area extending 5 feet horizontally from the inside walls of the pool shall not be located above underground/buried conductors.
- Pool and the area extending 10 feet horizontally from the inside walls of the pool shall not be located below overhead conductors.

Pool Barrier/ Fencing:

- Pool barrier must be located and constructed such that no walking surface or grade measured vertically outside the pool area is less than 6 feet to the top of the barrier (supercedes IRC code).
- **AG105.2 Outdoor swimming pool.** An outdoor swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be surrounded by a barrier which shall comply with the following:
 1. The top of the barrier shall be at least 72 inches (1219mm) above *grade* measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an above-ground pool, the barrier may be at ground level, such as the pool structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm).
 2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.

3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
 4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 13/4 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 13/4 inches (44 mm) in width.
 5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 13/4 inches (44 mm) in width.
 6. Maximum mesh size for chain link fences shall be a 21/4-inch (57 mm) square unless the fence has slats fastened at the top or the bottom which reduce the openings to not more than 13/4 inches (44 mm).
 7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 13/4 inches (44 mm).
 8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate, the release mechanism and openings shall comply with the following:
 - 8.1. The release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate; and
 - 8.2. The gate and barrier shall have no opening larger than 1/2 inch (12.7 mm) within 18 inches (457mm) of the release mechanism.
 9. Where a wall of a *dwelling* serves as part of the barrier, one of the following conditions shall be met:
 - 9.1. The pool shall be equipped with a powered safety cover in compliance with ASTM F 1346; or
 - 9.2. Doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and/or its screen, if present, are opened. The alarm shall be listed and *labeled* in accordance with UL 2017. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or
 - 9.3. Other means of protection, such as self-closing doors with self-latching devices, which are *approved* by the governing body, shall be acceptable as long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described above.
 10. Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps:
 - 10.1. The ladder or steps shall be capable of being secured, locked or removed to prevent access; or
 - 10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of Section AG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.
- Vertical rails that comprise the pool barrier must be spaced so as not to allow a 4 inch sphere to pass.
 - All access gates to pool area shall swing away from the pool and be self-closing and self-latching with the latching device located on the pool side of the gate not less than 54 inches in height.

Permanently Installed Swimming Pool Checklist

1. ___ Is there underground conductor within 5' horizontally from the inside wall of the pool?
2. ___ Is there overhead electrical conductors in the area extending 10' horizontally from the inside wall of the pool and 22' up from water level?
3. ___ Is the pump motor third part listed to U.S. standards with a label for pool motor? (U/L 1081 is the standard)?
4. ___ Is the cord on the pump motor #12 wiring and no longer than 3' with a twist lock cord cap?
5. ___ Is the receptacle 5' from the inside pool wall?
6. ___ Is the receptacle a twist-lock and protected by GFCI? This must be a GFCI breaker or GFCI face-less type outlet or GRCI outlet, rated for the h.p. at the pump.
7. ___ Is the cover for the receptacle an in-use cover?
8. ___ Is there a GFCI general purpose outlet on a general purpose circuit 10' from pool wall and not more than 20'?
9. ___ Is there a disconnecting switch located at least 5' from the inside wall of the pool?
10. ___ Is the raceway of the type of rigid heavy wall metal conduit, intermediate metal conduit or rigid nonmetallic conduit (PVC) and listed for electrical use?
11. ___ Is the raceway buried to the correct depth? RMC, IMC=6 inches and PVC 18 inches from the top of the conduit to grade.
12. ___ There must be a minimum of #12 green wire installed in the raceway. 680-25(c) The wire must be green in color.
13. ___ The grounding conductor must pick up all junction boxes, light fixtures, pump motors, transformer enclosures, devices like switches outlets, etc.
14. ___ Is there a grounding conductor between panel boards that are not part of the service equipment and that supply and electric equipment associates with the pool?
15. ___ The bonding conductor must be a solid #8 copper wire. (bare conductor is OK) This wire must pick pool frame (upper and lower ring if metal) and pump motor, pool heater (if one) and RMC or IMC piping, and any metallic part within 5' of the pool.
16. ___ Is the bonding conductor connection done with a clamp of the type 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.
18. ___ If RNC (PVC) is used with RNC PVC boxes, these items must be listed for electrical and sunlight resistant. Support and expansion fitting may be needed.