



## Pool Construction Guidelines

These guidelines are for information purposes only.  
The contractor is obligated to comply with all adopted codes and ordinances.

*Inspection Requests must be scheduled online.*

### POOL PERMITTING POLICY

Certain accessory components to be constructed in conjunction with a swimming pool installation may be covered under a Pool Permit. This includes pools, spas, grills, fire pits (gas only-no solid fuel), fireplaces, outdoor showers, and outdoor kitchens combining a grill and/or bar sink as well as all detached structures not exceeding 120 square feet in area. An existing covered patio may have a grill or outdoor kitchen installed under a pool permit. All components are subject to all applicable building codes and ordinances. All components shall be clearly shown on the pool plan and site plan and shall include all pertinent construction details.

The intent of the above paragraph is that the plumbing and/or electrical done under the Pool Permit is done by the trade listed on the permit and is ready for inspection at the same time as the regular pool inspections. Items that require a Building Permit per section R105 of the IRC cannot be grouped under the Pool Permit and must have a separate permit.

Detached structures exceeding 120 square feet in area including but not limited to cabanas, gazebos, and arbors, as well as attached patio covers require a separate permit.

### SWIMMING POOL REQUIREMENTS

**PERMIT APPLICATION PACKETS** must be submitted online for review. When plans are approved, print one paper set of City stamped plans for a field set from the permit on the website.

The following items must be included with the online submittal. Plan reviews will not begin until all application requirements are met. **Incomplete plans and/or applications will not be accepted.**

- A. **Online submittal.** All information including Subcontractor details must be complete at submittal. Subcontractors must have an online account.
- B. **Site Plan** showing the Pool, Spa, pool barrier Fence and any other structures built in combination with the pool: fire pits, fire features, fireplaces, water features, ponds, arbors/cabanas under 120 sqft., grill/outdoor kitchen, outdoor shower, etc. Label on the Site plan if requires a separate permit. (Structures over 120 square feet or attached) The site plan shall specify construction access and a drainage plan to include grading, deck drains, area drains and roof gutters/ downspouts to match the subdivision or lot drainage plan. If there is not a subdivision plan or an engineered drainage plan on file in Public Works Engineering, applicant will be required to provide one. This must be stamped by the appropriate Electrical Utility Company.
- C. **Pool plans** detailing setbacks from the house and any other structures are from “back of beam”. The Pool construction is measured from “back of beam”. Bonding is 5 feet from water’s edge. Plan must show the depth of the pool and a Pool Profile.

Include any other new construction on pool plan including water features, gas lines, and other structures.

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- D. Cabana/arbor plan including engineered Foundation/piers and Framing. Elevations (Applicable if under 120 sf)
- E. Outdoor kitchen layout plan showing plumbing, gas and electric plans. (if applicable)
- F. Fireplace plan with Elevations, engineered Foundation plan and gas/electric plan. (if applicable)
- G. Any additional gas plan (fire pit, fire bowls, etc.)
- H. **Resubmittal** – all plans must be resubmitted by uploading online at one time or review will not be completed until full re-submittal is complete.

#### **Pool Demolition/Re-decking to Pool area**

1. Removing or filling in a Pool is a Residential Miscellaneous permit. Provide a Site plan with pool location to be demolished.
2. To add new decking to Pool area is a Residential Electric permit only. This is to get the electric under the deck area inspected. Re-plastering or new coping to existing pool does not require a permit if no design of pool is added or removed.

#### **Deed Restrictions/ Homeowner Association**

Deed restrictions and Homeowner Association regulations are considered a private agreement between property owners. The City of Southlake is not a party to such agreements and does not have any standing in the enforcement. It is each property owner's responsibility to be aware of and comply with such agreements.

Projects located in the **Carillon** will need an **approval stamp** from Carillon HOA prior to building permit submittal.

#### **Septic Systems**

Houses on Septic Systems must show location of lateral lines or aerobic system on the site plan and must show setbacks from the pool as required by the Tarrant County Health Department.

#### **Wells**

Houses with an alternative water source (well water) have the potential for a cross connection of the municipal water supply. Any alternative water supply not regulated by the TCEQ is considered a high health hazard. The water department is obligated to protect the municipal water system and the customer from any health hazards due to cross connections. Thus, the water department shall require any water customer with an alternative water source to create two physical separations from the alternative water sources, where appropriate. The two acceptable physical separations are either a reduced pressure principal assembly (RPZ) or an air gap. When adding a RPZ, a closed loop plumbing system is created. At that time, an expansion tank will be required to be added to all water heaters on site. This is not required for tank-less water heaters. A permit will be required for adding a RPZ and for any expansion tanks.

#### **Protected Trees**

Trees must be shown on the site plan if the plans require removal of any protected trees. No Protected Trees may be removed without permission from the City. Your pool permit grants permission to remove any tree that is under pavement on your approved plans unless protected. Do not place fill, store materials, or park vehicles under any protected trees. See *TREE PRESERVATION ORDINANCE SUMMARY* for definition of protected trees. Call the Landscape Administrator at 817-748-8229 for more information.

#### **Tree protection fencing**

Orange fencing with tree protection signs, where applicable, must be erected prior to any aspect of construction on site.

### **Location to the Property Lines**

Outdoor swimming pools shall be located in a side or rear yard, not forward of the house and at least five feet from any property line measured from “back of beam” of the pool structure and not to encroach any easements. A decorative fountain or pond not over 24 inches deep may be in a front yard provided it is at least ten feet from any property line.

### **Setbacks from Existing Building Foundations**

Pools or spas that are less than a one-to-one depth to distance ratio from back of pool beam to existing building foundations require an engineer’s letter to avoid undermining of building foundations.

### **Glazing and Wet Surfaces**

Glazing less than sixty (60) inches above pool grade and less than sixty (60) inches horizontal distance to water’s edge is required to be safety glazing. Glazing more than sixty (60) inches above pool grade does not have a safety glass requirement.

### **Backwash Lines**

Swimming pool backwash lines shall discharge to a P-Trap that is connected to sanitary sewer. Any lot of at least one acre or more that is NOT connected to sanitary sewer may discharge directly onto the lot provided it does not run off onto a neighboring property. An approved separation tank may be used when connected as a reclamation system, or a cartridge filter system that does not require backwashing. Chlorinated water and salt water shall not be dumped into a storm sewer, creek, bar-ditch, or on another property.

### **Entrapment**

To prevent hair entrapment, drain covers must be installed that are in compliance with ASME/ANSI A112.19.8M and ANSI/NSF standard 50-2000.

### **Vacuum or Pressure Cleaner**

All vacuum or pressure cleaner fitting(s) shall be located at least six (6) inches and not than twelve (12) inches below the minimum operational water level or as an attachment to the skimmer(s).

### **Deck Drains**

Deck drains, area drains, and roof gutters/ downspouts which are designed principally to collect rainwater may drain to a storm sewer, creek, or bar-ditch.

### **Safety Glazing**

Safety glazing is required in walls and fences enclosing indoor and outdoor swimming pools, hot tubs and spas where the bottom edge of the glazing is less than 60 inches above a walking surface and within 60 inches horizontally of the water’s edge. This shall apply to single glazing and all panes in multiple glazing. Reference 2021 IRC R308.4 Hazardous Locations.

### **Contractor Registration**

The General (Pool) contractor must be currently registered with the City of Southlake prior to submittal of the building permit. State of Texas license holders are required to register and must have a current active license on file with the state but there is no fee for registration.

### **Fence or Retaining Wall**

A pool barrier/fence may be included in the pool permit if it is noted on the application and shown on the plans.

Otherwise, a separate permit is required.

**Fences and retaining walls meeting the criteria listed below require a separate fence permit:**

- A masonry fence or retaining wall 48 inches or greater from the bottom of the footing to the top of the wall. (Requires engineering)
- A non-masonry fence greater than 7 feet high. Fences over 96 inches from grade require a variance to the zoning ordinance.

**CODES**

For a complete list of building construction requirements, refer to the following code books and the adopting ordinances: They may be viewed at <http://www.cityofsouthlake.com/planning/building.asp>

- 2021 International Swimming Pool and Spa Code – Ordinance 1254
- 2021 International Residential Code – Ordinance 1252
- 2023 National Electrical Code – State of Texas requirements
- 2021 International Energy Conservation Code – Ordinance 1247

**STAFF**

**Office Hours:** Office hours are 8:00 a.m. to 5:00 p.m. Monday through Friday, excluding holidays.

**Plans Examiners** are generally available during 8:00 a.m. to 5:00 p.m. Monday through Friday, excluding holidays. Appointments are encouraged to meet with a specific person.

**Inspectors** To contact an inspector either leave a message on voice mail and calls will be returned as soon as time is available or send an email. To contact inspectors please call 817-748-8226 or 817-748-8969.

**INSPECTION REQUESTS:** All Inspection are required to be requested **online** through the city online permit software. *Inspection requests for **am/pm** are reserved for water heater or HVAC change outs in an occupied residence only. **This is strictly reserved as a courtesy to homeowners.***

- It is the General Contractor’s responsibility to request all inspections online.
- The City stamped set of plans **MUST** be on the jobsite for ALL inspections.
- Inspection must be requested prior to 7:00 a.m. for same day inspection.
- **All inspections held back because of cold weather or rain MUST be re-scheduled by requesting an inspection online.**
- No concrete or plumbing rough inspections will be made if it is too wet. No concrete inspections will be made unless the temperature is 38 degrees and rising. Do not lay brick when it will be below 40 degrees before mortar setting.
- All dogs must be locked up prior to inspection.
- To cancel an inspection call 817-748-8236 or 8237 ***before 8:30 am.***

**Re-Inspection Fee**

A \$100.00 RE-INSPECTION FEE may be charged when:

- Work called for inspection is incomplete;
- Building address and/or permit card is not clearly posted;
- City approved plans are not on the job site available to the inspector;
- The building is locked or work otherwise not available for inspection when called;

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- Items noted for correction on initial inspection and not corrected upon re-inspection.
- The original red tag has been removed from the job site and/or,
- Violations exist on the property including failure to maintain erosion control, trash control or tree protection.

A \$200.00 RE-INSPECTION FEE may be assessed for second and subsequent violations of the above.

### **Unauthorized Cover Up Fee**

Any work concealed without first obtaining the required inspection in violation of Section 109 shall be assessed a fee of \$350.00 as established by the city fee resolution.

### **Job Site Requirements**

All permit cards shall be posted on a FREE-STANDING SIGN located at the front property line of a location that is obvious and visible to a public street, R.O.W., or private access drive. The sign is to remain in place until final building inspection is approved. Sign is to be minimum 6 square feet and maximum 32 square feet constructed of material similar to a real estate sign.

### **Plans on Site**

The building permit packet must contain a copy of the permit and city stamped plans. This packet must be left on site at one of the following two locations for all swimming pool inspections requested:

- The back of the house where it is obvious and visible to the inspector **OR**
- At the pool equipment - Failure to provide the packet for requested inspections or if documents are missing from the packet shall result in the assessment of a re-inspection fee.

If the packet is lost or stolen, stamped plans can be downloaded from the permit. For plan changes a fee of \$50.00 per hour will be charged for additional plan review time.

### **Construction Hours**

The Southlake code regulates noise construction that is considered a nuisance. By ordinance, construction is allowed from 7:00 AM to 9:00 PM, Monday through Saturday. On Sundays only work that does not create noise audible at the property line is permitted. Variances to this ordinance are handled by the Police Department at 817-748-8114.

### **Temporary Fencing**

Pool excavation shall be secured by an approved temporary fence at all times until the permanent fence is installed. The top of the temporary fence shall be at least four feet (4') above grade, measured on the side of the fence that faces away from the swimming pool construction. Any opening in the fence shall be no larger than a size to prevent a sphere four inches (4") in diameter from passing through the fence. The wall of a dwelling may serve as part of the fence. Temporary fencing shall be supported using minimum 5-ft. tall, 14 gauge steel t-posts or steel tubing spaced a maximum of ten (10) feet on center. No rebar, wood stakes, or other methods shall be accepted unless approved in advance by the Building Official.

### **Construction Access**

The use of an adjacent lot for pool construction access is prohibited unless an Earth Disturbance permit has been obtained with written authorization from the property owner and erosion control is in place.

### **Erosion Control**

- All activity on a site shall comply with City, State, and Federal statutes for storm water pollution control.
- Erosion control must be maintained at all times throughout the project.
- All inspections may be canceled, and re-inspection fees assessed at any time erosion control conditions are

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inadequate.

- Unpaved access to pool construction requires effective erosion control in the right-of-way portion. Aggregate 3”-5” is recommended.
- Pool builder is responsible for maintaining erosion control methods on site where applicable. (EPA and TCEQ requirements)
- EPA and TCEQ requirements prohibit wash-out onto any public or private property of any materials used during construction including gunite, plaster, washed aggregate concrete, or any other hazardous material.

### **Litter**

- Provide a litter container of sufficient size on the job site at all times.
- Require all sub-contractors to place trash in this container each day before leaving the job site.
- See that all paper and boxes from building materials and lunch wrappers are not allowed to blow about the job site and area.
- All inspections may be canceled, and re-inspection fees assessed if trash is blowing or loose on the job site. No inspections will be made until all trash has been contained.
- If a commercial container (dumpster) is used, contact Community Waste Disposal (CWD) for service. Contact 972-392-9300 or [southlake@CWD.to](mailto:southlake@CWD.to)
- There may be other commercial waste vendors available through licensing agreements. Please contact Building Inspections office for more information.

**INSPECTIONS REQUIRED** Each of the following inspections must requested online in the proper order. If an inspection is requested out of order, no inspection will be made. City approved plans must be on the job site at the time of the inspection. Other inspections may be required based on approved plans. **\*All inspections will be cancelled if the TEMPORARY FENCE is not installed correctly on the job site.**

- Belly Steel Ground - Ground clamps used on pool steel must be clamps listed for direct burial.
- Deck Steel Ground - Ground clamps used on pool steel must be clamps listed for direct burial.
- For any detached accessory structure less than 120 square feet built with this permit – the setbacks on the structure must 10’ from the property line. Attached structures or ones 120 square feet or larger require a separate permit. See the Residential Accessory Building Guidelines.
- Gas Line(s) – If there are additional gas lines on the pool plan that were included with the pool permit and installed by the same plumber they will be inspected at this time.
- Underground Electric – any underground electric for the pool, spa or any item covered under the permit must be inspected.
- P-Trap – Swimming pool backwash lines shall discharge to a p-trap that is connected to sanitary sewer. Any lot at least one acre or more that is not connected to sanitary sewer may discharge directly on the lot.
- Pre-Plaster - Pool plastering shall not proceed until the permanent barrier is inspected and approved. Before the pool is filled with water, a permanent fence shall be erected surrounding the pool, which shall conform to Appendix G of the International Residential Code. The pool contractor is responsible for the permanent fence. **\*\*NOTE: Alarm letter must be uploaded and an alarm letter inspection requested 48 hours before requesting pre-plaster inspection.\*\***
- Final Grading Site Survey -Finish grade shall not alter the drainage of the lot from the approved drainage plan submitted by the developer. Sod or hydro mulch must be completed where required. Lot drainage survey or sealed engineer letter stating that the drainage matches the subdivision or lot engineered drainage plan is to be uploaded to the permit and approved at least 24 hours prior to final inspection.

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- Commercial Pools – Contact the Tarrant County Health Dept. for required Inspection. 817-321-4981
- Pool Final -A final inspection must be requested *within 180 days* from permit date. *Your contractor registration can be revoked for allowing permits to expire.* If the pool is not ready for a final inspection, an extension may be requested prior to the expiration of the permit without penalty.

**Lot drainage survey or sealed engineer letter stating that the drainage matches the subdivision engineered drainage plan is required to be submitted online and an inspection for drainage approved at least 24 hours prior to requesting final inspection.**

## **POOL FENCE/BARRIER REQUIREMENTS** **2021 International Swimming Pool and Spa Code**

**305.1 General.** The provisions of this section shall apply to the design of barriers for restriction entry into areas having pools and spas. In one-and two-family dwellings and townhouses, where spas or hot tubs are equipped with a lockable safety cover complying with ASTM F1346 and swimming pools are equipped with a powered safety cover that complies with ASTM F1346, the areas where those spas, hot tubs or pools are located shall not be required to comply with Sections 305.2 through 305.7.

**305.1.1 Construction fencing required.** The construction sites for in-ground swimming pools and spas shall be provided with construction fencing to surround the site from the time that any excavation occurs up to the time that the permanent barrier is completed. The fencing shall be not less than 4 feet in height.

**305.2 Outdoor swimming pool.** Outdoor pools and spas and indoor swimming pools shall be surrounded by a barrier that complies with Sections 305.2 through 305.7.

### **305.2.1 Barrier height and clearances.**

Carrier heights and clearances shall be in accordance with all of the following:

1. The top of the barrier shall be not less than 48 inches above grade where measured on the side of the barrier that faces away from the pool or spa. Such height shall exist around the entire perimeter of the barrier and for a distance of 3 feet measured horizontally from the outside of the required barrier.
2. The vertical clearance between grade and the bottom of the barrier shall not exceed 2 inches for grade surfaces that are not solid, such as grass or gravel, where measured on the side of the barrier that faces away from the pool or spa.
3. The vertical clearance between a surface below the barrier to a solid surface, such as concrete, and the bottom of the required barrier shall not exceed 4 inches where measured on the side of the required barrier that faces away from the pool or spa.
4. Where the top of the pool or spa structure is above grade, the barrier shall be installed on grade or shall be mounted on top of the pool or spa structure. Where the barrier is mounted on top of the pool or spa, the vertical clearance between the top of the pool or spa and the bottom of the barrier shall not exceed 4 inches.

### **305.2.2 Openings.**

Openings in the barrier shall not allow passage of a 4-inch-diameter sphere.

### **305.2.3 Solid barrier surfaces.**

Solid barrier that do not have openings shall not contain indentations or protrusions that form handholds and footholds, except for normal construction tolerances and tooled masonry joints.

### **305.2.4 Mesh fence as a barrier.**

Mesh fences, or other than chain link fences in accordance with Section 305.2.7 shall be installed in accordance with the manufacturer's instructions and shall comply with the following:

1. The bottom of the mesh fence shall be not more than 1 inch above the deck or installed surface or grade.
2. The maximum vertical clearance from the bottom of the mesh fence and the solid surface shall not permit the fence to be lifted more than 4 inches from grade or decking.
3. The fence shall be designed and constructed so that it does not allow passage fa 4-inch sphere under any mesh panel. The maximum vertical clearance from the bottom of the mesh fence and the solid surface shall be not greater than 4 inches from grade or decking.
4. An attachment device shall attach each barrier section at a height not lower than 45 inches above grade. Common attachment devices include, but are not limited to, devices that provide the security equal to or greater than that of a hook-and-eye-type latch incorporating a spring-actuated retaining lever such as a safety gate hook.
5. Where a hinged gate is used with a mesh fence, the gate shall comply with Section 305.3
6. Patio deck sleeves such as vertical post receptacles that are placed inside the patio surface shall be of a nonconductive material.
7. Mesh fences shall not be installed on top of onground residential pools.

#### **305.2.4.1 Setbacks for mesh fences.**

The inside of a mesh fence shall not be closer than 20 inches to the nearest edge of the water of a pool or spa.

### **305.2.5 Closely spaced horizontal members.**

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, the horizontal members shall be located on the pool or spa side of the fence. Spacing between vertical members shall not exceed 1 ¾ inches in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 ¾ inches in width.

### **305.2.6 Widely spaced horizontal members.**

Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches or more, spacing between vertical members shall not exceed 4 inches. Where there are decorative cutouts within vertical members, the interior width of the cutouts shall not exceed 1 ¾ inches.

### **305.2.7 Chain link dimensions.**

The maximum opening formed by a chain link fence shall be not more than 1 ¾ inches. Where the fence is provided with slats fastened at the top and bottom that reduce the openings, such openings shall be not greater than 1 ¾ inches.



### **305.2.7.1 Chain link fencing prohibited.**

Chain link fencing is not permitted as a barrier in public pools built after January 1, 1994.

### **305.2.8 Diagonal members.**

Where the barrier is composed of diagonal members, the maximum opening formed by the diagonal members shall be not greater than 1 ¾ inches. The angle of diagonal members shall be not greater than 45 degrees from vertical.

### **305.2.9 Clear zone.**

Where equipment, including pool equipment such as pumps, filters and heaters, is on the same lot as a pool or spa and such equipment is located

### **305.3 Doors and gates.**

Doors and gates in barriers shall comply with the requirements of Sections 305.3.1 through 305.3.3 and shall be equipped to accommodate a locking device. Pedestrian access doors and gates shall open outward away from the pool or spa.

#### **305.3.1 Utility or service doors and gates.**

Doors and gates not intended for pedestrian use, such as utility or service doors and gates, shall remain locked when not in use.

#### **305.3.2 Double or multiple doors and gates.**

Double doors and gates or multiple doors and gates shall not have fewer than one leaf secured in place and the adjacent leaf shall be secured with a self-latching device.

#### **305.3.3 Latch release.**

For doors and gates in barriers, the door and gate latch release mechanisms shall be in accordance with the following:

1. Where door and gate latch release mechanisms are accessed from the outside of the barrier and are not of the self-locking type, such mechanism shall be located above the finish floor or ground surface in accordance with the following:
  - 1.1. At public pools and spas, not less than 52 inches and not greater than 54 inches.
  - 1.2. At residential pools and spas, not less than 54 inches.
2. Where door and gate latch release mechanisms are of the self-locking type such as where the lock is operated by means of a key, an electronic opener, or the entry of a combination into an integral combination lock, the lock operation control and the latch release mechanism shall be located above the finished floor or ground surface in accordance with the following:
  - 2.1. At public pools and spas, not less than 34 inches and not greater than 48 inches.
  - 2.2. At residential pools and spas, at not greater than 54 inches.
3. At private pools, where the only latch release mechanism of a self-latching device for a gate is located on the pool side of the barrier, the release mechanism shall be located at a point that is a least 3 inches.

#### **305.3.4 Barriers adjacent to latch release mechanisms.**

Where a latch release mechanism is located on the inside of a barrier, openings in the door, gate and barrier within 18 inches of the latch shall not be greater than ½ inch in any dimension.

### **305.4 Structure wall as a barrier.**

Where a wall of a one- and two-family dwelling or townhouse or its accessory structure serves as part of the barrier and where doors, gates or window provide direct access to the pool or spa through that wall, one of the following shall be required:

1. Operable windows having a sill height of less than 48 inches above the indoor finished floor, doors and gates shall have an alarm that produces an audible warning when the window, door or their screens are opened. The alarm shall be listed and labeled as a water hazard entrance alarm in accordance with UL 217.
2. In dwellings not required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located at not less than 54 inches above the finished floor.
3. In dwellings that are required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches and not less than 48 inches above the finished floor.
4. In structures other than dwellings, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches and not less than 48 inches above the finished floor
5. A safety cover that is listed and labeled in accordance with ASTM F1346 is installed for the pools and spas.
6. An approved means of protection, such as self-closing doors with self-latching devices is provided. Such means of protection shall provide a degree of protection that is not less than the protection afforded by Item 1 or 2.

### **305.5 Onground residential pool structure as a barrier.**

An onground residential pool wall structure or barrier mounted on top of an onground residential pool wall structure shall serve as a barrier where all of the following conditions are present:

1. Where only the pool wall serves as the barrier, the bottom of the wall is on grade, the top of the wall is not less than 48 inches above grade for the entire perimeter of the pool, the wall complies with the requirements of Section 305.2 and the pool manufacturer allows the wall to serve as a barrier.
2. Where a barrier is mounted on top of the pool wall, the top of the barrier is not less than 48 inches above grade for the entire perimeter of the pool, and the wall and the barrier on top of the wall comply with the requirements of Section 305.2.
3. Ladders or steps used as a means of access to the pool are capable of being secured, locked, or removed to prevent access except where the ladder or steps are surrounded by a barrier that meets the requirement of Section 305.
4. Openings created by the securing, locking or removal of ladders and steps do not allow the passage of a 4-inch diameter sphere.
5. Barriers that are mounted on top of onground residential pool walls are installed in accordance with the pool manufacturer's instructions.

### **305.6 Natural barriers used in a one- and two-family dwelling or townhouse**

In the case where the pool or spa area abuts the edge of a lake or other natural body of water, public access is not permitted or allowed along the shoreline, and required barriers extend to and beyond the water's edge not less than 18 inches, a barrier is not required between the natural body of water shoreline and the pool or spa.

### **305.7 Natural topography.**

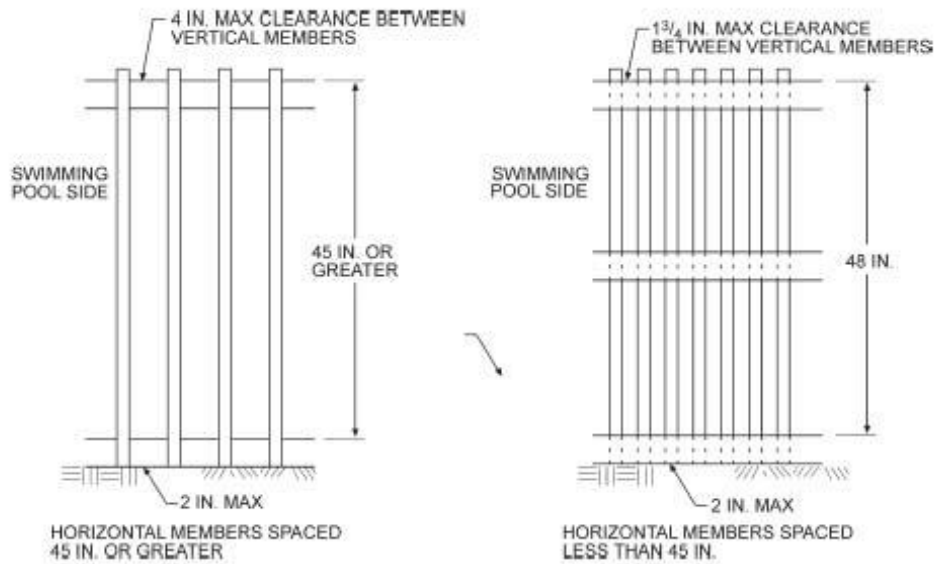
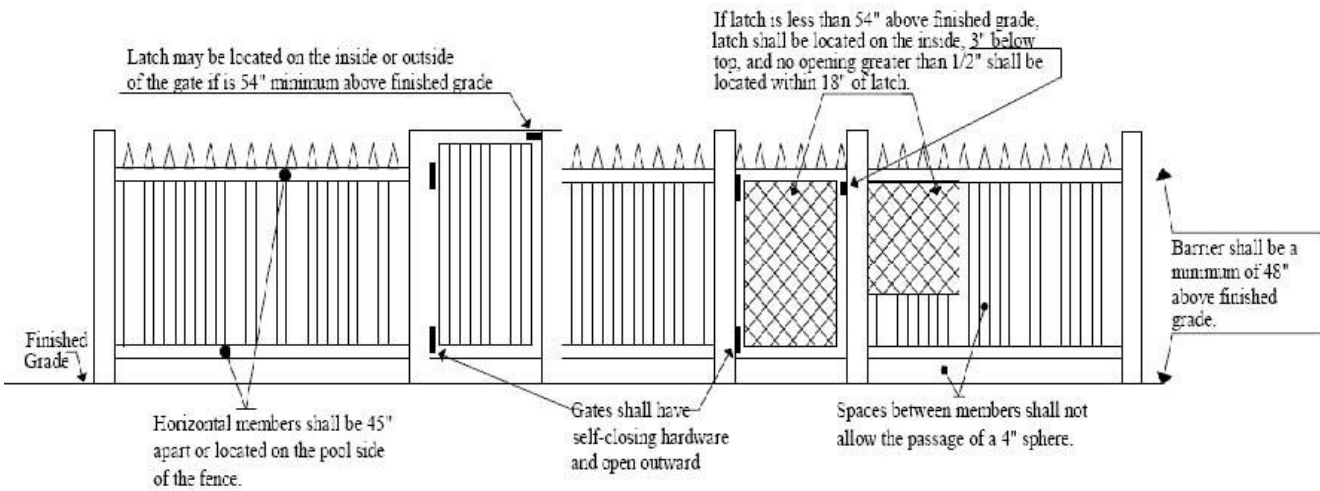
Natural topography that prevents direct access to the pool or spa area shall include but not be limited to mountains or natural rock formations. A natural barrier approved by the governing body shall be acceptable provided that the degree of protection is not less than the protection afforded by the requirements of Sections 305.2 through 305.5

### **305.8 Means of Egress.**

Outdoor public pools provided with barriers shall have means of egress as required by Chapter 10 of the International Building Code.

**Automatic Vehicle Entry Gate as Pool Barrier Component:**

Where an automatic vehicle entry gate is incorporated as a component of a pool barrier, the gate shall open and close within two minutes of opening with a single activation of the switch in order to prevent a gap in the barrier once a vehicle has passed through the entry.



For SI: 1 inch = 25.4 mm.

Figure AG105.2(2)  
PRIVATE SWIMMING POOL BARRIER CONSTRUCTION





**POOL BARRIER CERTIFICATION**

**ALARM LETTER**

SITE ADDRESS \_\_\_\_\_

POOL CONTRACTOR \_\_\_\_\_

This document requires that the homeowner certify that one (1) of the following protection methods has been installed. For dwellings without a certificate of occupancy, the general contractor listed on the NRES permit shall sign the form.

I certify that one (1) of the following protection devices has been installed at all doors with direct access to the pool (select one).

[ ] Doors with direct access to the pool shall be equipped with an alarm which produces an audible warning when the door and/or its screen, if present, are removed. The alarm shall be listed and labeled in accordance with UL 2017. The deactivation switch(s) shall be located at least 54 inches above the threshold of the door.

[ ] Doors with direct access to the pool area shall be equipped with self-closing doors and self-latching devices. The latch must be at least 54 inches above the threshold of the door.

PRINT NAME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

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STATE OF TEXAS

COUNTY OF TARRANT

Before me, \_\_\_\_\_, on this day personally appeared, \_\_\_\_\_, known to me or  
(Notary) (Name of Signer)

proved to me through satisfactory evidence of Identification which was \_\_\_\_\_ to be the person whose  
(Identification)

name is subscribed to the foregoing instrument and acknowledged to me that he (she) executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary's Signature

\_\_\_\_\_  
Notary's Name (print)

My commission expires: \_\_\_\_\_

