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## Sec. 4-5-22. Adoption of swimming pool and spa code; amendments.

- (a) *Code adopted.* There is hereby adopted the *International Swimming Pool and Spa Code*, ~~2015~~ 2021 edition (published by the International Code Council), exclusive of its appendix chapters, with the following amendments, copies of which shall be maintained by the building official:

*[Insert] Section 101.1 Title as follows*

[A] 101.1 Title. These regulations shall be known as the Swimming Pool and Spa Code of The City of Amarillo, hereinafter referred to as "this code."

*[Amend][Add]*

[A]102.9 Other laws. The provisions of this code shall not be deemed to nullify any provisions of local, state or federal law, to include but not limited to:

1. Texas Department of State Health Services (TDSHS); *Standards for Public Pools and Spas*; §285.181 through §285.208, (TDSHS rules do not apply to pools serving one-and two family dwellings).
2. Texas Department of Licensing and Regulation (TDLR); 2012 Texas Accessibility Standards (TAS), TAS provide the scoping and technical requirements for accessibility for Swimming Pool, wading pools and spas and shall comply with *2012 TAS, Section 242*. (TAS rules do not apply to pools serving one- and two family dwellings). Exception: Elements regulated under Texas Department of Licensing and Regulation (TDLR) and built in accordance with TDLR approved plans, including any variances or waivers granted by the TDLR, shall be deemed to be in compliance with the requirements of this Chapter.

*[Insert][Amend][Add] Section [A]103.1 to read as follows:*

[A] 103.1 Creation of enforcement agency. The City of Amarillo Department of Building Safety is hereby created and the official in charge thereof shall be known as the Code Building Official. The Environmental Health Department is hereby created and the official in charge thereof shall be known as the Director of Environmental Health for operation and maintenance of any public swimming pool in accordance with this code, as well as local and state codes. Any use of "Code Official" in the adopted code and amendments shall be considered as reference to this section.

*[Strike] Section 105.6.2 content moved section is deleted*

~~105.6.2 Fee schedule. The fees for all work shall be as indicated in the schedule of fees in Chapter 4-1 of the Amarillo Municipal Code.~~

*[Strike] Section 107.4 content moved section is deleted*

~~107.4 Violation penalties. Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair an pool or spa in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable by a fine in accordance with section 1-1-5 of the Amarillo Municipal Code of Ordinances.~~

*[Strike] Section 107.5 content moved section is deleted*

~~107.5 Stop work orders. Upon notice from the code official, work on any system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work.~~

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~~Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine as specified in section 1-1-5 of the Municipal Code for violations.~~

~~[Strike] Section 108.1 content has been moved and section reassigned~~

~~108.1 Board of appeals established. Construction Advisory and Appeals Board, see Chapter 2-6 of the Municipal Code.~~

~~[Amend] Section [A]108.2 to read as follows~~

~~[A] 108.2 Schedule of permit fees. Where work requires a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority Section 4-1 of City of Amarillo Municipal code.~~

~~[Delete] Section 112 Board of Appeals in its entirety~~

#### ~~SECTION 112~~

##### ~~BOARD OF APPEALS~~

~~[A] 112.1 Membership of board. The board of appeals shall consist of five members appointed by the chief appointing authority as follows: one for 5 years, one for 4 years, one for years, one for 2 years and one for 1 year. Thereafter, each new member shall serve for 5 years or until a successor has been appointed.~~

~~[Insert] Section 112 Construction Advisory and Appeals Commission.~~

~~Board of appeals established. Named the Construction Advisory and Appeals Board, reference Chapter 2-6 of the City of Amarillo Municipal Code.~~

~~[Delete] Section [A]113.4 in its entirety.~~

~~[A] 113.4 Violation penalties. Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair a pool or spa in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a [SPECIFY OFFENSE], punishable by a fine of not more than [AMOUNT] dollars or by imprisonment not exceeding [NUMBER OF DAYS], or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.~~

~~[Amend][Add] the following to Section 202 Definitions.~~

ENVIRONMENTAL HEALTH: The Environmental Health Department regulates the operation of public pools. Routine inspections on pools and spas open to the public are conducted to document compliance with the standards set forth in State law in accordance with Chapter 8-5-13 of the Municipal Code.

~~[Amend][Add] Section 305.1 to read as follows~~

~~305.1 General. The provisions of this section shall apply to the design of barriers for restricting entry into areas having pools and spas. 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. for all pools and spas. These design controls are intended to provide protection against the potential drowning and near drowning by restricting access to such pools and spas. These requirements provide an integrated level of protection against potential drowning through the use of physical barriers and warning devices.~~

~~Exceptions: One- and two-family dwellings provided with the following:~~

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1. Spas and hot tubs with a lockable safety cover that complies with ASTM F 1346.

2. Swimming pools with a *powered safety cover* that complies with ASTM F 1346.

*[Amend][Add] Section 305.2 to read as follows*

305.2 *Outdoor swimming pools and spas.* ~~All Outdoor pools and spas~~ **aquatic vessels** and indoor swimming pools shall be surrounded by a barrier that complies with Sections 305.2.1 through 305.7 and in accordance with the Texas Administrative Code, Texas Health and Safety Code 757 for public pools.

*[Strike] from ordinance only, wording exists the proposed code*

~~305.2.7 Chain link dimensions. The maximum opening formed by a chain link fence shall be not more than 1.75 inches (44 mm). Where the fence is provided with slats fastened at the top and bottom which reduces the openings, such openings shall be not more than 1.75 inches (44mm).~~

*[Add] Subsection 305.2.7.1*

305.2.7.1 *Chain link fencing prohibited.* Chain link fencing is not permitted as a barrier in public pools built after October 1, 2004.

Exception: Class B public pool.

*[Strike] from ordinance only, redundant, wording exists in the proposed code.*

~~305.6 Natural barriers used in a one and two family dwelling. 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 a minimum of eighteen (18) inches, a barrier is not required between the natural body of water shoreline and the pool or spa.~~

*[Add][Amend] Section 307.1.4 add exception to read as follows:*

307.1.4 **Accessibility.** An accessible route to public pools and spas shall be provided in accordance with the International Building Code. Accessibility within public pools and spas shall be provided as required by the accessible recreational facilities provisions of the International Building Code. Pool and spa lifts providing an accessible means of entry into the water shall be listed and labeled in accordance with UL 60335-2-1000 and be installed in accordance with ICC A117.1 and NFPA 70.

Exception: Components of projects regulated by and registered with Architectural Barriers Division of Texas Department of Licensing and Regulation shall be deemed to be in compliance with the requirements of this chapter.

*[Amend][Add] Section 310.1 to read as follows:*

310.1 General. Suction entrapment avoidance for ~~pools and spas~~ **aquatic vessels** shall be provided in accordance with APSP 7 (ANSI/PHTA/ICC 7). Suction entrapment avoidance for public swimming pools in accordance with State of Texas Rules for Public Swimming Pools and Spas, Title 25 TAC Chapter 265 Subchapter L, Rule §265.190.

Exceptions:

1. ~~Portable~~ **Residential** spas and ~~portable residential~~ exercise spas listed and labeled in accordance with UL 1563 or CSA

C22.2 No. 218.1.

2. Suction entrapment avoidance for wading pools shall be provided in accordance with Section 405.

*[Amend] Section 317.7 as follows:*

317.7 **Emergency shutoff switch for spas and hot tubs.** ~~A clearly labeled emergency shutoff or control switch for the purpose of stopping the motor(s) that provide power to the recirculation system and jet system shall~~

be installed at a point readily accessible to the users and not less than 1.5 m (5 ft) away, adjacent to, and within sight of the spa or hot tub. This requirement shall not apply to single-family dwellings. There is no Exception for: ~~On-ground-storable and permanent in-ground residential swimming pools. A clearly labeled emergency shutoff or control switch for the purpose of stopping the motor(s) that provide power to the recirculation system and jet system shall be installed at a point readily accessible to the users and not less than 1.5 m (5 ft.) away, adjacent to, and within sight of the spa or hot tub. This requirement shall not apply to one- and two-family dwellings and townhouses.~~

~~Exception: Onground-storable pools, permanent inground residential swimming pools, residential spas and residential water features.~~

~~[Strike] Section 402.12 , Table 402.12 and Figure 402.12~~

~~402.12 water envelopes. The minimum diving water envelopes shall be in accordance with Table 402.12.~~

Table 402.12  
MINIMUM DIVING WATER ENVELOPES  
(See Figure 402.12)

Pool Type	Minimum dimensions	Minimum width of pool at:									
		D1	D2	D3	L1	L2	L3	L4	L5	Pt. A	Pt. B
VI	8'-6"	9'-0"	4'-0"	4'-0"	12'-0"	14'-0"	4'-0"	34'-0"	16'-0"	18'-0"	18'-0"
VII	11'-2"	10'-10"		5'-0"	16'-5"	13'-2"	4'-0"	38'-7"	18'-0"	20'-0"	20'-0"
VIII	12'-2"	11'-10"	6'-0"	6'-0"	19'-9"	13'-11"	2'-0"	41'-8"	20'-0"	23'-0"	23'-0"
IX	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

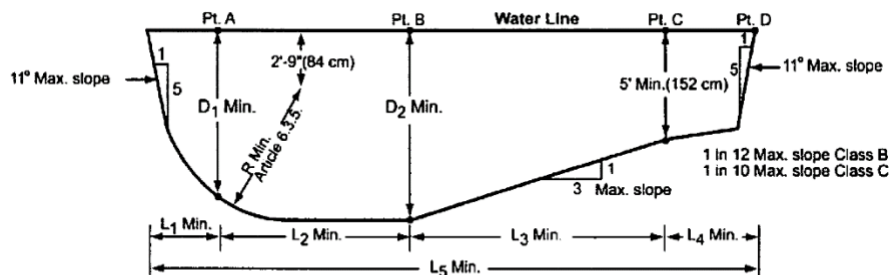


Figure 402.12 Minimum Diving water envelopes  
CONSTRUCTION DIMENSIONS FOR WATER ENVELOPES FOR CLASS B AND CLASS C POOLS

~~Figure 402.12 is Deleted~~

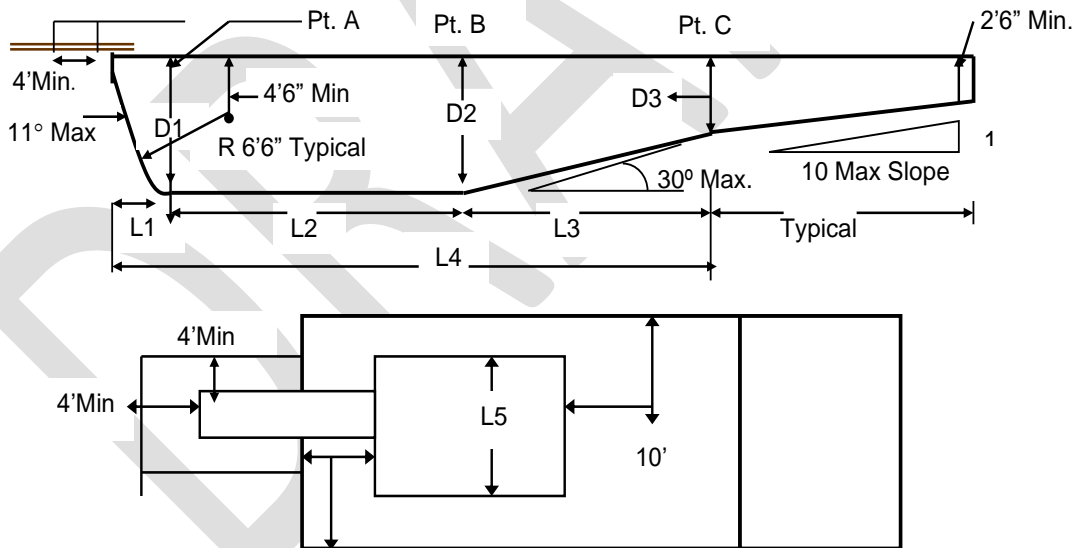
~~[Add][Amend] Section 402.12~~

~~402.12 Water envelopes. The minimum diving water envelopes shall be in accordance with Table 402.12 Texas Department of State Health services, Administrative Code Title 25, Chapter 265, Section 186 (e) and Figure: 25 TAC 256 265.186 (e) (6). (Delete Table 402.12 and Figure 402.12)~~

[Insert] Table 402.12 source:25 TAC §265.186 (e) (6)

Maximum Diving Board Height Over Water	¾ Meter	1 Meter	3 Meters
Max. Diving Board Length	12 ft.	16 ft.	16 ft.
Minimum Diving Board Overhang	2 ft. 6 in.	5 ft.	5 ft.
D1 Minimum	8 ft. 6 in.	11 ft. 2 in.	12 ft. 2 in.
D2 Minimum	9 ft.	10 ft. 10 in.	11 ft. 10 in.
D3 Minimum	4 ft.	6 ft.	6 ft.
L1 Minimum	4 ft.	5 ft.	5 ft.
L2 Minimum	12 ft.	16 ft. 5 in.	19 ft. 9 in.
L3 Minimum	14 ft. 10 in.	13 ft. 2 in.	13 ft. 11 in.
L4 Minimum	30 ft. 10 in.	34 ft. 7 in.	38 ft. 8 in.
L5 Minimum	8 ft.	10 ft.	13 ft.
H Minimum	16 ft.	16 ft.	16 ft.
From Plumbet to Pool Wall at Side	9 ft.	10 ft.	11 ft. 6 in.
From Plumbet to Adjacent Plumbet	10 ft.	10 ft.	10 ft.

[Insert] Figure 402.12 source:25 TAC §265.186 (e) (6)



[Amend] Section 402.13 to read as follows

**402.13 Ladders for diving equipment.** Ladders shall be provided with two grabrails or two handrails. There shall be a uniform distance between ladder treads, with a 7 inch (178 mm minimum) distance and 12 inch (305 mm) maximum distance. Supports, platforms, steps, and ladders for diving equipment shall be designed to carry the anticipated loads. Steps and ladders shall be of corrosion-resistant material, easily cleanable and with slip-resistant tread.

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~~Exception: The distance between treads for the top and bottom riser can vary but shall be not less than 7 inches (178 mm) and not greater than 12 inches (305 mm)~~

411.2 *Pool stairs.* The design and construction of stairs extending into the pool in either shallow or deep water, including recessed pool stairs, shall comply with Sections 411.2.1 through 411.2.4.

*[Amend] Section 411.2.1 Tread dimensions and area as follows*

411.2.1 *Tread dimensions and area.* Treads shall have a minimum unobstructed horizontal depth (i.e., horizontal run) of 12 inches and a minimum width of 20 inches. ~~Treads shall be not less than 24 inches (607 mm) at the leading edge. Treads shall have an unobstructed surface area of not less than 240 square inches (0.154 m<sup>2</sup>) and an unobstructed horizontal depth of not less than 10 inches (254 mm) at the centerline.~~

*[Amend] Section 411.2.2 Risers*

411.2.2 *Risers.* Risers for steps shall have a maximum uniform height of 10 inches, with the bottom riser height allowed to taper to zero. ~~Risers, except for the bottom riser, shall have a uniform height of not greater than 12 inches (305 mm) measured at the centerline. The bottom riser height is allowed to vary to the floor.~~

*[Amend] Section 411.5.1 to read as follows*

411.5.1 *Swimouts.* Swimouts, located in either the deep or shallow area of a pool, shall comply with all of the following:

1. The horizontal surface shall be not greater than 20 inches (508mm) below water line;
2. An unobstructed surface shall be provided that is equal to or greater than that required for the top tread of the pool stairs in accordance with Section 411.2;
3. Where used as an entry and exit access, swimouts shall be provided with steps that comply with the pool stair requirements of Section 411.2; and,
4. The leading edge shall ~~be visually set apart~~ provided with a horizontal solid or broken stripe at least 1 inch wide on the top surface along the front leading edge of each step. This stripe shall be plainly visible to persons on the pool deck. The stripe shall be a contrasting color to the background on which it is applied, and the color shall be permanent in nature and shall be a slip-resistant surface

411.5.2 *Underwater seats and benches.* Underwater seats and benches, whether used alone or in conjunction with pool stairs, shall comply with all of the following:

1. The horizontal surface shall be not greater than 20 inches (508mm) below the water line;
2. An unobstructed surface shall be provided that is a not less than of 10 inches (254 mm) in depth and not less than 24 inches (607mm) in width;
3. Underwater seats and benches shall not be used as the required entry and exit access;
4. Where underwater seats are located in the deep area of the pool where manufactured or constructed diving equipment is installed, such seats shall be located outside of the minimum water envelope for diving equipment;
5. The leading edge shall be ~~visually set apart~~ provided with a horizontal solid or broken stripe at least 1 inch wide on the top surface along the front leading edge of each step. This stripe shall be plainly visible to persons on the pool deck. The stripe shall be a contrasting color to the background on which it is applied, and the color shall be permanent in nature and shall be a slip-resistant surface.
6. The horizontal surface shall be at or below the water line; and,
7. A tanning ledge or sun shelf used as the required entry and exit access shall be located not greater than 12 inches below the water line.

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*[Amend] 603.2 to read as follows*

~~41/2 feet (1372 mm), the floor shall have a distinctive marking at the 41/2 feet (1372 mm) water depth.~~ Class A and B pools over 5 feet deep: the transition point of the pool from the shallow area to the deep area of the pool shall be visually set apart with a 4-inch minimum width row of floor tile, a painted line, or similar means using a color contrasting with the bottom; and a rope and float line shall be provided between 1 foot and 2 feet on the shallow side of the 5-foot depth along and parallel to this depth from one side of the pool to the other side. The floats shall be spaced at not greater than 7-foot intervals; and the floats shall be secured so they will not slide or bunch up. The stretched float line shall be of sufficient size and strength to offer a good handhold and support loads normally imposed by users. If the owner or operator of the pool knows or should have known in the exercise of ordinary care that a rope or float is missing, broken, or defective, the problem shall be promptly remedied.

*[Amend] Section 610.5.1 to read as follows:*

610.5.1 Uniform height of 9 10 inches. Except for the bottom riser, risers at the centerline shall have a maximum uniform height of 9 10 inches (254 mm). The bottom riser height shall be permitted to vary from the other risers.

*Section 4.6.1 Dual outlets.* The flow rating for each listed cover/grate shall be greater than the maximum flow as determined in accordance with 4.4.1.

*Section 4.7 Dual cover/grate separation.* Dual cover/grates shall be separated by a minimum of 3 feet (914 mm) but not more than 5 feet (1524mm) measured from suction outlet cover inside edge to inside edge (see figures 4, 5, 6, 8, 9, and 10) or located on two (2) different planes, i.e., one (1) on the bottom and one (1) on the vertical wall, or one (1) each on two (2) separate walls. (See figures 7 and 14.)

*Section 5.3.2 Dual outlet separation.* Dual outlets shall be separated by a minimum of 3 feet (914 mm) but not more than 5 feet (1524mm) measured from center to center of the suction pipes (see figures 4, 5, and 6) or located on two (2) different planes, i.e., one (1) on the bottom and one (1) on the vertical wall, or one (1) each on two (2) separate walls. (See figures 7 and 14.)

(Ord. No. 7358, § 1, 9-4-2012; Ord. No. 7516, §§ 1, 2, 3-3-2015)