

**An Ordinance of the City of Plano, Texas, repealing in its entirety City of Plano Ordinance No. 2018-11-18, codified as Article XXIII, Swimming Pool and Spa Code, of Chapter 6 of the Code of Ordinances and adopting the 2021 Edition of the International Swimming Pool and Spa Code, with certain additions, deletions and amendments, as the Swimming Pool and Spa Code of the City of Plano; and providing a repealer clause, a severability clause, a savings clause, a penalty clause, a publication clause and an effective date.**

**WHEREAS**, on November 26, 2018, by Ordinance No. 2018-11-18, the City Council of the City of Plano amended Chapter 6 of the Code of Ordinances of the City of Plano (“City”), creating a new Article XXIII, Swimming Pool and Spa Code, and adopting the 2018 Edition of the International Swimming Pool and Spa Code, with certain additions, deletions, and amendments, as the Swimming Pool and Spa Code of the City; and

**WHEREAS**, on September 21, 2021 the Building Standards Commission held a public hearing to discuss the adoption of the 2021 Edition of the International Swimming Pool and Spa Code, a publication of the International Code Council (I.C.C.), and to receive input from the general public and all persons who may be affected by the proposed adoption; and

**WHEREAS**, upon recommendation of the Building Standards Commission and upon full review and consideration of all matters attendant and related thereto, the City Council is of the opinion that the 2021 Edition of the International Swimming Pool and Spa Code, and the additions, deletions, and amendments hereto, should be approved and adopted as the Swimming Pool and Spa Code of the City.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PLANO, TEXAS, THAT:**

**Section I.** Ordinance No. 2018-11-18, duly passed and approved by the City Council of the City of Plano on November 26, 2018, is hereby repealed in its entirety.

**Section II.** A new Article XXIII, Swimming Pool and Spa Code, of Chapter 6 of the Code of Ordinances is hereby adopted and shall read in its entirety as follows:

**“ARTICLE XXIII. SWIMMING POOL AND SPA CODE**

**DIVISION 1. GENERALLY**

**Sec. 6-720. Penalty.**

Any violation of the provisions or terms of this ordinance by any person, firm or corporation shall be a misdemeanor offense and shall be subject to a fine in accordance with Section 1-4(a) of the City Code of Ordinances for each offense. Every day a violation continues shall constitute a separate offense.

## **Sec. 6-721. Adopted.**

The 2021 Edition of the Swimming Pool and Spa Code, a publication of the International Code Council (I.C.C.), is hereby adopted and designated as the Swimming Pool and Spa Code of the City of Plano to the same extent as if such Code were copied verbatim in this Article, subject to deletions, additions, and amendments prescribed in this Article. A copy of the 2021 Edition of the International Swimming Pool and Spa Code is on file in the office of the City Secretary.

## **DIVISION 2. AMENDMENTS**

### **Sec. 6-722. Deletions, Additions, Amendments.**

The following deletions, additions, and amendments to the International Building Code adopted herein are hereby approved and adopted:

**Section 102.9;** *change to read as follows:*

**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 or townhouses).
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 or townhouses).

**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.

**Section 103.1;** *change to read as follows:*

**103.1 Creation of enforcement agency.** The Building Inspections Department (“agency”) is hereby created and the official in charge thereof shall be known as the *code official*. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

**Section 113.4;** *change to read as follows:*

**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, may be punishable for each day of the violation set forth by the authority having jurisdiction.

**Section 202; Environmental Health Department;** *insert definition to read as follows:*

**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.

**Section 305.1;** *change 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. In only 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.

**Section 305.2;** *change to read as follows:*

**305.2 Outdoor swimming pools and spas.** Outdoor pools and spas 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.

**Section 305.2.7.1;** *add a Section 305.2.7.1 to Section 305.2.7 to read as follows:*

**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.

**Section 305.4;** *change to read as follows:*

**305.4 Structure wall as a barrier.** Where a wall of a dwelling or structure of a one- or two-family dwelling or townhouse or its accessory structure serves as part of the barrier and where doors 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 (1219 mm) 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 2017.

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 (1372 mm) 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 (1372 mm) and not less than 48 inches (1219 mm) 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 (1372 mm) and not less than 48 inches (1219 mm) 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.

The wall of a building with windows in accordance with *2021 International Building Code, Section 1030* in Group R2 occupancies shall not be used as part of a pool enclosure. Other windows that are part of a pool yard enclosure shall be permanently closed and unable to be opened for public pools.

**Section 305.6;** *change to read as follows:*

**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 a minimum of eighteen (18) inches, a barrier is not required between the natural body of water shoreline and the pool or spa.

**Section 307.1.4 Accessibility;** *add an exception to Section to 307.1.4 to read as follows:*

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

**Section 307.2.2.2;** *add a Section 307.2.2.2 and an exception to Section 307.2.2 to read as follows:*

**307.2.2.2 Adjacency to Structural Foundation.** Depth of the swimming pool and spa shall maintain a ratio of 1:1 from the nearest building foundation or footing of a retaining wall.

**Exception:** A sealed engineered design drawing of the proposed new structure shall be submitted for approval.

**Section 310.1;** *change to read as follows and delete the exception:*

**310.1 General.** Suction entrapment avoidance for pools and spas shall be provided in accordance with APSP7 or 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.

**Section 313.7;** *change to read as follows and delete the exception:*

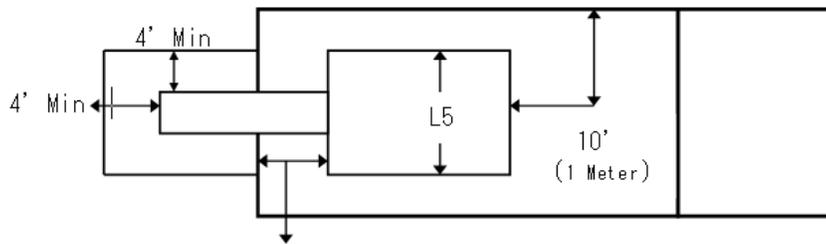
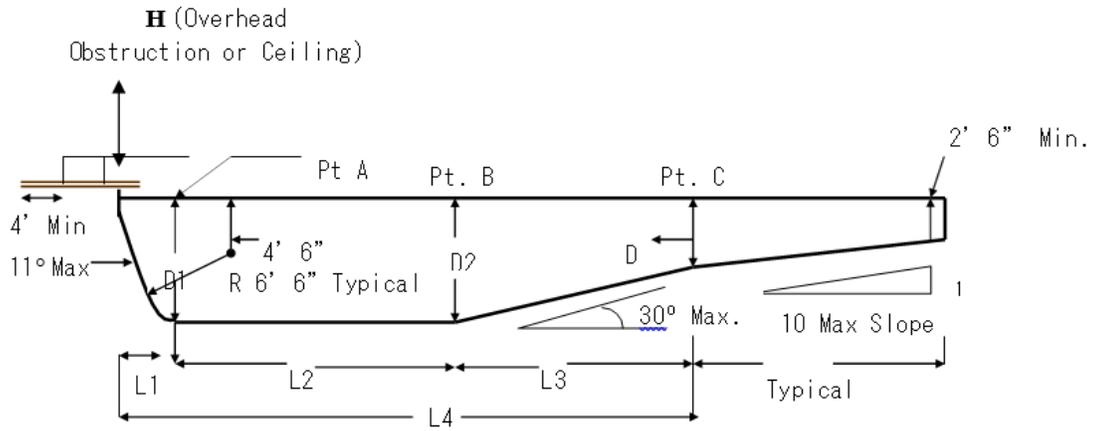
**313.7 Emergency shutoff switch for spas and hot tubs.** A clearly labeled emergency shutoff or control switch for the purpose of stopping the motor(s) that provide power to the recirculation system and jet system shall be installed at a point readily accessible to the users and not less than 1.5 m (5 ft.) away, adjacent to, and within sight of the spa or hot tub. This requirement shall not apply to one- and two-family dwellings and townhouses.

**Section 402.12;** *change to read as follows (delete Table 402.12 and Figure 402.12):*

**402.12 Water envelopes.** The minimum diving water envelopes shall be in accordance with Texas department of State Health services, Administrative Code Title 25, Chapter 265, Section 186(e) and Figure 25 TAC 256.186(e)(6).

Figure 25 TAC 256.186(e)(6)

Maximum Diving Board Height Over Water	$\frac{3}{4}$ 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 Plummet to Pool Wall at Side	9 ft.	10 ft.	11 ft. 6 in.
From Plummet to Adjacent Plummet	10 ft.	10 ft.	10 ft.



**Sections 411.2.1 and 411.2.2;** *change to read 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.

**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.

**Sections 411.5.1 and 411.5.2;** *change 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 (508 mm) below the waterline.
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.
4. The leading edge shall be visibly set apart and 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 (508 mm) below the waterline.
2. An unobstructed surface shall be provided that is not less than 10 inches (254 mm) in depth and not less than 24 inches (607 mm) 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 diving water envelope for diving equipment.
5. The leading edge shall be visually set apart and 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 waterline.
7. A tanning edge or sun shelf used as the required entry and exit access shall be located not greater than 12 inches (305 mm) below the waterline.

**Section 610.5.1;** *change to read as follows:*

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

**Section 804.1;** *change to read as follows:*

**Section 804.1 General.** The minimum diving water envelopes shall be in accordance with Table 804.1 and Figure 804.1, or the manufacturer's specifications, whichever is greater. Negative construction tolerances shall not be applied to the dimensions of the minimum diving water envelopes given in Table 804.1.

**Sections 6-723 through 6-731. Reserved. ”**

**Section III.** All provisions of the Code of Ordinances of the City of Plano in conflict with the provisions of this Ordinance are hereby repealed, and all other provisions of the Code of Ordinances of the City of Plano, not in conflict with the provisions of this Ordinance, shall remain in full force and effect.

**Section IV.** It is the intention of the City Council that this Ordinance, and every provision thereof, shall be considered severable, and the invalidity or unconstitutionality of any section, clause, provision or portion of this Ordinance shall not affect the validity or constitutionality of any other portion of this Ordinance.

**Section V.** The repeal of any Ordinance or part of Ordinances effectuated by the enactment of this Ordinance shall not be construed as abandoning any action now pending under or by virtue of such Ordinance or as discontinuing, abating, modifying or altering any penalty accruing or to accrue, or as affecting any rights of the municipality under any section or provisions of any Ordinances at the time of passage of this Ordinance.

**Section VI.** Any violation of the provisions or terms of this ordinance by any person, firm or corporation shall be a misdemeanor offense and shall be subject to a fine in accordance with Section 1-4(a) of the City Code of Ordinances for each offense. Every day a violation continues shall constitute a separate offense.

**Section VII.** This Ordinance shall become effective February 1, 2022, and after its passage and publication as required by law.

**DULY PASSED AND APPROVED** this, the 24<sup>th</sup> day of January, 2022.

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John B. Muns, MAYOR

ATTEST:

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Lisa C. Henderson, CITY SECRETARY

APPROVED AS TO FORM:

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Paige Mims, CITY ATTORNEY