



Department of Development Services

Building Safety

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www.CityofDenton.com/Building



Requirements for Commercial Pools & Spas

In accordance with Section 14-114 of the City of Denton Code of Ordinance requires an application submittal for a permit to operate. A non-refundable \$160.00 application fee is required at the time of submittal.

In accordance with Section 14-113 of the City Code of Ordinance an applicant shall submit plans (drawn to scale and legible) of the proposed pool, spa, or public interactive water feature or fountain. A plan review fee of \$250.00 is required.

Pool Plan Submittal Requirements:

- Site plan shall include:
 - Location of pool in relation to surrounding facilities. This includes fences, structures, gates, other water features, stairs, ramps, openable windows, and doors.
 - Equipment layout, mechanical storage, and chemical storage areas.

- Pool plan shall include:
 - Class designation, depth markers, exits/entries, bench, steps, water lounges, no diving symbol markers, lights, skimmers, returns, coping, safety equipment, and signage.
 - Deck width and pool enclosure height and construction materials.
 - One or more cross sections of the pool through the main drain.
 - Pipe schematic showing pipe configuration, pipe size, valves/gauges, inlets, main drains, over flow outlets, make-up water, and backwash from the filter.
 - Dimensional drawings of pool bottom and sidewalls.
 - Deck and walking surfaces detail demonstrating well drained non-slip surface.
 - Specification and cut sheets for all required components including pumps, filters, disinfectant feeders, skimmers, inlets, drains, flow meters, mechanical ventilation, light fixtures, etc.

- Energy Requirements for heated pools and spas
 - Must comply with section C404.9 of 2015 International Energy Conservation Code
 - Readily accessible on-off switch required for pool heater (C404.9.1).
 - Automatic time switch for heater and pump motor (C404.9.2).
 - Heated pools and spas shall be provided with a vapor-retardant cover (C404.9.3).

Swimming pool(s), public interactive water feature(s), or Spa(s) shall meet the requirements of the Texas Administrative Code, Title 25; Health Service, Part I; Department of State health Services; Chapter 265; General Sanitation, subchapter L and Subchapter M, as well as complying with the Virginia Graeme Baker Pool Spa Safety Act.

Inspections Required

- Layout**
- Belly/Steel**
- Deck/Bond**

- Pre-Gunite Inspections shall include:**
 - Ensure that main drains and sumps meet the legal requirements in regard to distance, sump availability and depth.
 - Ensure return lines are at least 12" below the design water level (Spas: returns in benches will need to be as low as possible if they cannot get them 12" below water level).
 - Ensure adequate number of skimmers, lights, and returns are provided as approved during plan review.

- Pre-Plaster Inspections shall include:**
 - Fences, windows, gates and doors meet the legal requirements of the pool enclosure code that applies to the type of pool (Chapter 757 for apartments; DSHS requirements for motels; City of Denton Ordinance 90-149 [minimum height 60 inches], etc.).
 - Required emergency summoning device or phone is installed in the correct location and dials the approved emergency service and not the office or front desk line.
 - Pool or spa steps are adequately spaced for proper height and width and are properly tiled.
 - Tile lines required to be installed if there is a zero entry point, or tanning ledge, or if the pool is very deep.
 - Lights, skimmers, and returns are installed.
 - Safety equipment is available and phone or emergency call box is properly functioning.
 - Horizontal and vertical depth markers and "NO DIVING" markers are installed.
 - Pump room floor grade to drain.
 - Prior to plaster, ALL aspects of the pool and fence shall be completed.

- Pool Final**
 - Pool builder, owner, and operator shall be present.
 - Provide evidence that the pool operator has the proper test kit and the contractor provides operation instructions for the equipment.
 - Water quality will be tested.
 - Extra drain cover is on hand.
 - Commissioning is required in accordance with section C408 of the 2015 International Energy Conservation Code
 - **If heated, require insulated cover at Finals*

Please note: An annual permitting fee of \$160 is required, as are annual inspections. Any re-inspection fees will be ½ of the annual permitting fee.

Note: Existing water facilities that undergo a change of ownership or those facilities that are remodeled, may be required to meet current codes. Remodeled facilities includes any changes that alters the design of the aquatic venue; changing equipment on a one for one basis will be considered normal maintenance.