

Denton County Fresh Water Supply District 1-A

A vertical water droplet is shown falling from the top center, creating a series of concentric ripples that spread outwards. The background is a light blue gradient. The text is centered over the ripples.

# Building Services Department

Pool Inspection Guidelines

## Swimming Pools

### TEXAS STATE LAW APPLIES TO ALL POOLS BEING BUILT IN CASTLE HILLS

- *Pool material must be disposed of properly. No random dumping on vacant lots. Contact office @ 972-899-4000 for available dump location.*
- *No working from the alley or parking in alley. Loading and unloading is allowed with a 15 minute time limit.*
- *No advertising signs may be posted in right-of-way.*
- *Temporary construction fence must be installed and maintained at all times.*

#### 1. Belly Steel and Ground:

- a. Ground wire must loop around pool and be bonded to belly steel with minimum of three sky bars.
- b. Belly steel over lap a minimum 18”.
- c. 5 psi test on all plumbing to equipment.

#### 2. Deck Steel and Ground:

- a. Must receive green tag on Belly Steel and Ground inspection.
- b. Deck steel must be on 24” centers.
- c. Grounded sky bars must be clamped to deck steel. **(See Figure DS006)**
- d. The ground clamp must be approved for in ground use.
- e. Deck steel must set on chairs.
- f. Metal fence posts within 5’ of water must be grounded.
- g. Downspouts within 5’ of water must be grounded.
- h. Any other equipment within 5’ of water must be grounded.

#### 3. P-Trap:

- a. P-trap must be plumbed into house clean out.
- b. A 1" air gap or other approved method must be used at tie-in into the house sewer system. **(TCEQ & District Requirement)**

#### 4. Pool Gas (if applicable):

- a. Gas line must hold 15 PSIG minimum, for 15 minutes.
- b. Gas line must be buried a minimum of 18” below finished grade; check for tracer wire.

5. **Pool Pre-Plaster:**

- a. Windows within 5' of pool deck must be glazed (**2003 IRC R308.4 EXCEPTION 9**) or blocked with suitable barrier. (**2003 IRC APPENDIX G SECTION AG105**)
- b. Gate latches must be minimum 54" height.
- c. Gates must be self-closing and lockable.
- d. Door alarms must be audible 30 seconds minimum throughout house.
- e. If pool is accessible from a front entry driveway, barricade fence must be installed regardless of the presence of an automatic electric gate.
- f. Doors that access pool area (includes garage side doors) must be alarmed or have a minimum latch height of 54". Garage side door (if present) must be alarmed if on poolside of barricade fence.
- g. Alley fence must be reinstalled finished side out.
- h. Pool equipment must be grounded.
- i. Receptacles within 20' of pool must be GFIC (all exterior receptacles GFIC).
- j. Barrier fence minimum 4'.
- k. Barrier gates must open away from pool.
- l. Barrier gate latches must be poolside, a minimum 3" below top. All openings within 18" of latch must be screened, maximum 1/2" openings.
- m. Barrier gates must be self-closing and self latching.
- n. Perimeter fence 8' minimum height.
- o. Automatic driveway gates must be self-closing, 30-second maximum delay.
- p. No wooden retaining walls are allowed in Castle Hills.
- q. All retaining walls must be engineered, inspected, and permitted with Denton County Fresh Water Supply District 1-A.
- r. Property must drain front or rear.
- s. Drainage must be away from foundation and maintained.
- t. No front curb cuts or boring.

6. **Pool Final:**

- a. Any and all outstanding re-inspection fees and/or penalties must be paid in full prior to inspection being scheduled.
- b. All equipment should be installed and functioning properly.
- c. Pool should be filled with water.
- d. Fence should be complete and all gates installed and functioning properly.
- e. All adjacent easements must be repaired to condition before construction began. Permit holder is responsible for damages to Denton County Fresh Water Supply District 1-A easement, rights-of-way, and damages to private property.

**\*FIGURE DS006**

**DECK STEEL & GROUND**



DENTON COUNTY FRESH WATER SUPPLY DISTRICT NO. 1-A  
CERTIFICATION OF POOL PROTECTION DEVICE INSTALLATION  
COMMERCIAL OR RESIDENTIAL

This document provides for the owner to certify that one (1) of the following protection devices have been installed at a particular address.

- 1. All doors leading into the pool area are equipped with an alarm. The alarm sounds continuously for at least thirty (30) seconds or until the alarm is manually reset (if the door closes within the 30 second period, the alarm is manually reset). The alarm is capable of being heard throughout the building during normal activities. The alarm automatically resets under all conditions.
- 2. All doors leading from the building into the pool area are equipped with self-closing and self-latching devices. The latch is at least fifty-four (54) inches above the floor.

Based upon certification, I acknowledge and agree that the Building Inspector will not enter the building to inspect the door alarms or self-closing and self-latching devices and I take full responsibility for compliance with all related International Building Code requirements. I agree to indemnify and hold the District harmless from any costs, expenses, suits, demands, liabilities, or damages, including attorney's fees and costs of suit, arising or resulting from compliance or non-compliance with the International Building Code requirements.

PRINT NAME: \_\_\_\_\_  
(Owner)

SIGNATURE: \_\_\_\_\_  
(Owner)

SITE ADDRESS: \_\_\_\_\_  
(where protection is installed)

STATE OF TEXAS

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ in the year 20 \_\_\_\_\_ before me (Notary Public), personally appeared \_\_\_\_\_ known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is (are) subscribed to this instrument, and acknowledged that they executed it.

WITNESS my hand and official seal.

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

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

\_\_\_\_\_  
My Commission Expires: