



SWIMMING POOL, HOT TUB, WADING POOL INSTALLATION

FOR ALL OPEN OR ENCLOSED, ATTACHED OR DETACHED, SWIMMING POOLS, HOT TUBS OR WADING POOLS

GENERAL

1. Hot tubs are considered swimming pools, in accordance with the definition in Division A, Section 1.4.1.2 of the 2019 National Building Code – Alberta Edition, which reads:

Swimming pool means a structure, basin or tank containing an artificially created pool of water that is used for swimming, recreation, bathing, diving, wading, healing or therapy, religious rituals or other purposes, and includes all *buildings*, equipment and facilities used in connection with it.

Wading pool means a swimming pool that is 600 mm or less in depth throughout and is used for swimming, bathing, wading, or other similar purposes.

2. Swimming pool or hot tub installations may require the following permits: development, building, electrical and plumbing. **Wading Pools do not require a permit.** Please go to www.beaumont.ab.ca for all applicable fees.
3. A site plan showing the location, dimensions and setbacks from property lines and existing buildings is required. The plan must also indicate size of the pool or hot tub, including the surface area of the water.
4. A swimming pool shall have a clear deck space of 900 mm (3 ft) on all sides.
5. Except for a pre-manufactured private swimming pool that is entirely above ground, plans and specifications for a private swimming pool shall be submitted.
6. Prior to installing a swimming pool or hot tub, any changes from the existing wiring installation or any new wire installations require an electrical permit.
7. Prior to installing a swimming pool or hot tub, any changes in the existing plumbing system for a swimming pool or hot tub connection may require a plumbing permit.

Method of draining hot tubs:

- a) Drainage water for hot tubs is considered contaminated, and as such cannot be discharged to the ground surface or roadways. Please make provision for the discharge of these waters to the sanitary sewer through the plumbing system of your dwelling.
- b) If using a garden hose connected to the drain of the hot tub and discharging the water into the floor drain in the basement – no plumbing permit is required.
- c) If a plumbing stand pipe is provided for hot tub drainage - a plumbing permit is required.

SWIMMING POOLS (2019 National Building Code – Alberta Edition, Division B, Article 7.2)

1. Except as provided in Sentence (7) and except for wading pools, the entire area of an outdoor swimming pool shall be protected by a fence, building wall or enclosure that can prevent access by unauthorized persons, and its height above the outside ground level shall not be less than:
 - a) 1.8 metres (5.9 ft) for a private swimming pool; and
 - b) 2.0 metres (6.56 ft) for all other swimming pools.
2. An opening for access through a fence around a swimming pool or a private swimming pool shall be protected by a gate that is:
 - a) the same height as the fence;
 - b) equipped with a self-closing device;

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- c) equipped with a self-latching device on the inside of the gate located not less than 1.5 metres (4.9 ft) above the ground level; and
 - d) capable of being locked.
3. The fence and gate around a swimming pool or a private swimming pool shall
- a) be constructed so that all horizontal and diagonal members are located on the swimming pool side and
 - b) not permit the passage of a sphere whose diameter is more than 100mm
4. Barbed wire shall not be used on or as a fence or gate around a swimming pool or a private swimming pool.
5. No device shall be installed on or adjacent to a fence or gate around a swimming pool or a private swimming pool that could cause an electric current to pass through the fence or gate.
6. A fence is not required around any portion of an outdoor private swimming pool if the top of the outside wall of the private swimming pool is not less than 1.8 m above the level of the ground outside the wall and the wall is constructed so that the only means of access to the private swimming pool is through a gate or similar facility.
7. Sentence (1) does not apply to a swimming pool that is provided with a cover that
- a) has been designed and constructed in conformance with ASTM F 1346, "Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs" and
 - b) is provided with lockable devices to prevent access to the water by unauthorized persons

HOT TUBS Measuring Greater than 2.4m (8') (across the widest portion of the water's surface)

1. Must follow the installation requirements of *Swimming Pools* as noted above.

HOT TUBS Measuring Less than 2.4m (8') (across the widest portion of the water's surface)

According to STANDATA 06-BCV-06, "Protective Covers for Hot Tubs" published by Alberta Municipal Affairs dated September 2007, can be used as an alternative to providing a fence and gate around a hot tub to prevent access by unauthorized persons, a fence and gate conforming to Article 7.2.2.1 [and shown as 1. and 2. under *Swimming Pools*, above] of the Alberta Building Code 2014 need not be provided around an exterior hot tub for a single family dwelling provided:

- 1. The hot tub does not exceed 2.4 metres (8') across the widest portion of the water's surface;
- 2. The hot tub is provided with a cover that:
 - a) Meets ASTM standard F1346-91, "Standard Performance Specification for Safety Covers and Labelling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs." This standard contains performance requirements for hot tub covers to prevent unintentional drowning including, but not limited to:
 - i) a static load test of 220kg for covers greater than 2.4m in diameter,
 - ii) a static load test of 125kg for covers less than 2.4m in diameter, and
 - iii) deflection tests to prohibit the passage of a test object; and
 - b) is provided with lockable devices to prevent access to the water by unauthorized persons.
- 3. The cover is in place and locked at all times the hot tub is unsupervised.

The above ruling applies throughout the Province of Alberta.

If you have any questions on the above regulations, please call the City of Beaumont for a Building Safety Code Officer or a Development Officer at 780-929-8782.

