

# STANDARD METAL FENCE

Approved for maximum 6'-0" above grade.



Address: \_\_\_\_\_

Fence height (ft): \_\_\_\_\_ Length (ft): \_\_\_\_\_ Plan Process # \_\_\_\_\_

Rev. 07-01-2019

## IMPORTANT For Use as a Pool Barrier:

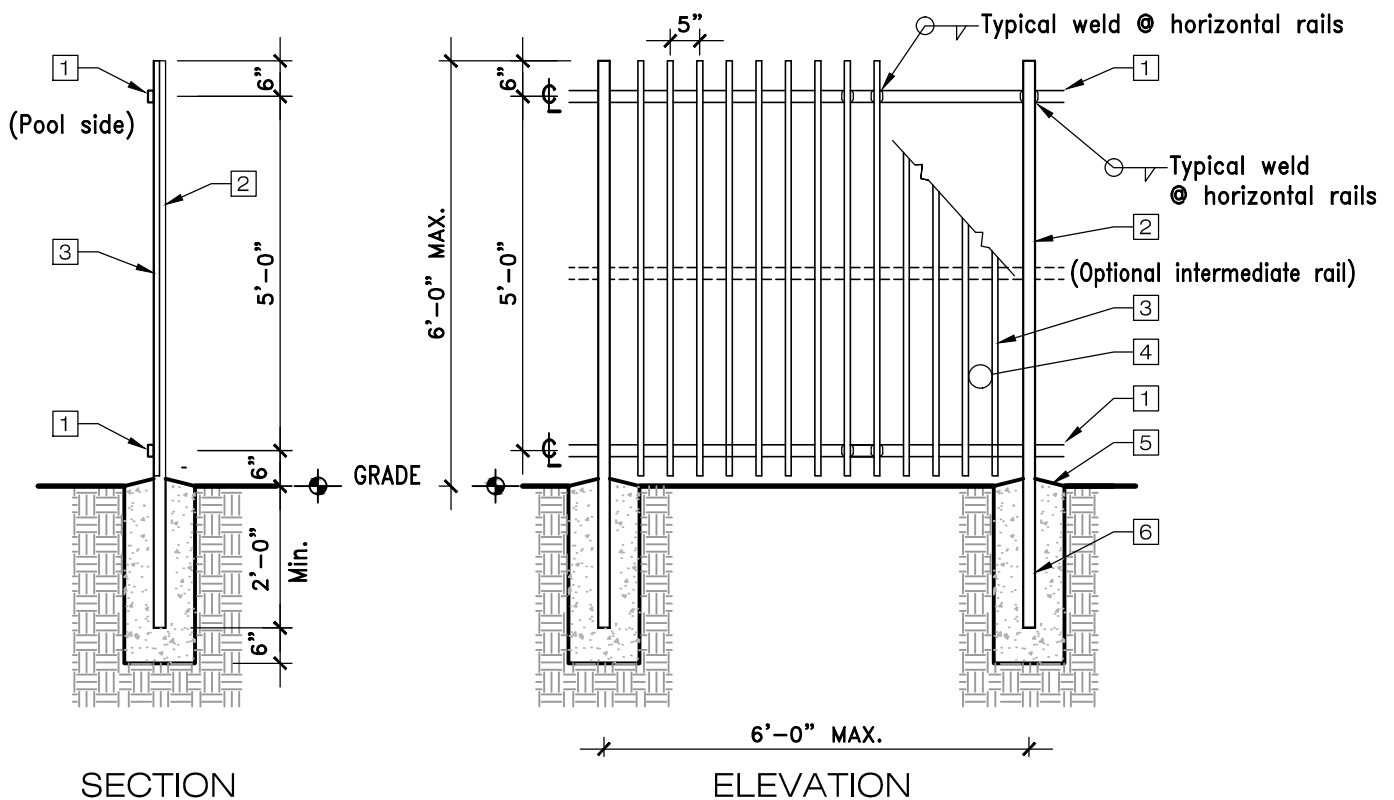
Outdoor swimming pools in Residential areas shall be protected by a barrier complying with Sections 454.2.17.1 through 454.2.17.3 of the Florida Building Code, 6th Edition (2017).

Access gates shall be equipped with a self-closing/self-latching locking device located no less than 54 inches from the bottom of the gate. The device release mechanism shall be located on the pool side of the gate, and so placed that it cannot be reached by a young child over the top or through any opening or gap.

Gates that provide access to the swimming pool must open outward away from the pool.

The top of the barrier shall be at least 48 inches above grade, measured on the side of the barrier which faces away from the pool.

The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches, measured on the side of the barrier which faces away from the pool.



### Materials allowed:

ALUMINUM--- alloy 6063-T6 OR alloy 6061-T6.

STEEL--- square tubes: ASTM A500 OR A501.

1. Horizontal rails: Minimum 2"x1"x14 ga., welded to posts at all 4 sides --OR-- pipe 1-1/2" diameter.
2. Posts: Minimum 2"x2"x14 ga., embedded in concrete footing --OR-- pipe 2-1/4" diameter.
3. Pickets: Minimum 1"x1"x 0.065" wall thickness, welded to rails at all 4 sides --OR-- pipe 2-1/4" diameter.
4. When used as a pool barrier: Max. clearance between pickets shall be 4". NOTE: Intermediate rail not allowed.
5. Concrete footing at each post-- minimum diameter of 10", with a minimum depth of 30" from finish grade. Top surface of footing shall be sloped 1" to shed water. Minimum post embedment shall be 24 inches. Concrete strength shall be not less than 2500 psi at 28 days.
6. Protect aluminum embedded in concrete with a coat of bituminous paint.