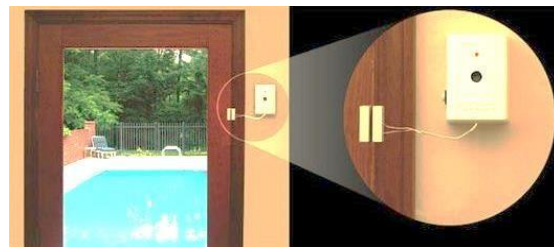


Swimming Pool Fences, Gates, Doors & Alarms

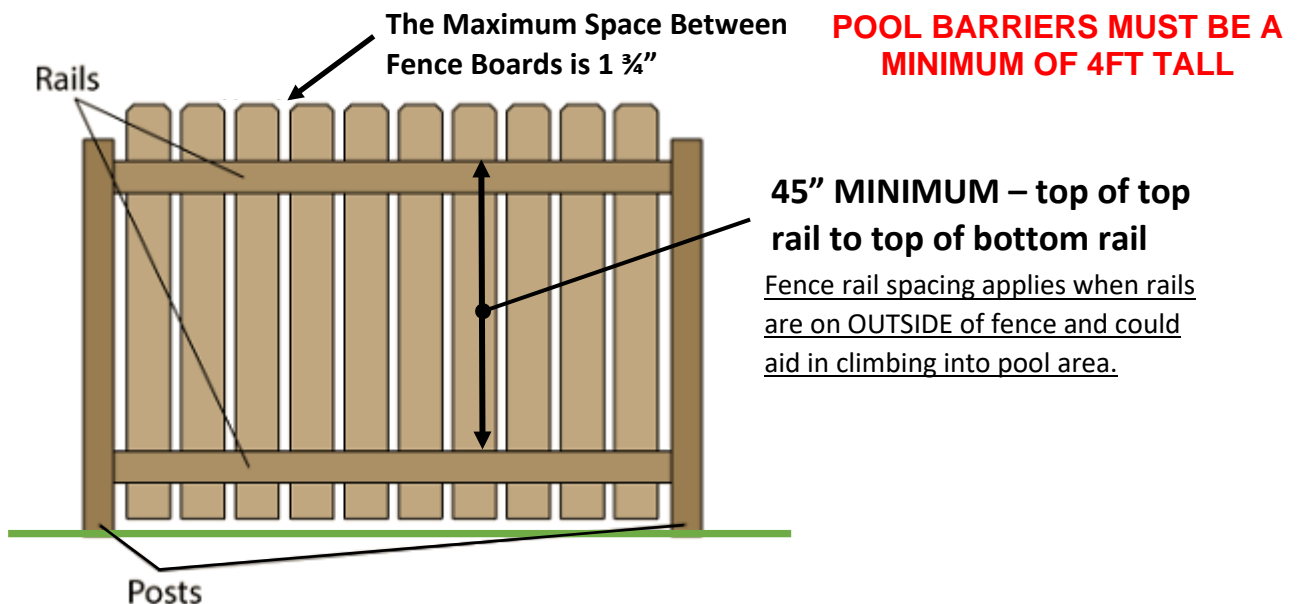
MOST COMMON ISSUES ASSOCIATED WITH POOL SAFETY BARRIERS/FENCES, GATES & ALARMS

POOL ALARMS - Where a wall of a dwelling serves as part of the barrier and where doors or windows provide direct access to the pool or spa through that wall the following shall apply. All operable windows having a sill height of less than 48 inches above the indoor finished floor and doors 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]. **HOME ALARM SECURITY SYTEMS DO NOT MEET THESE REQUIREMENTS (Separate System Required).**

- The deactivation switch shall be located at least 54 inches above the threshold of the door [ISPSC 305.4(1)].
- Exception, the pool shall be equipped with a powered safety cover in compliance with ASTM F1346 [ISPSC 305.4(2)].



TYPICAL WOOD FENCE DETAIL FOR A POOL BARRIER

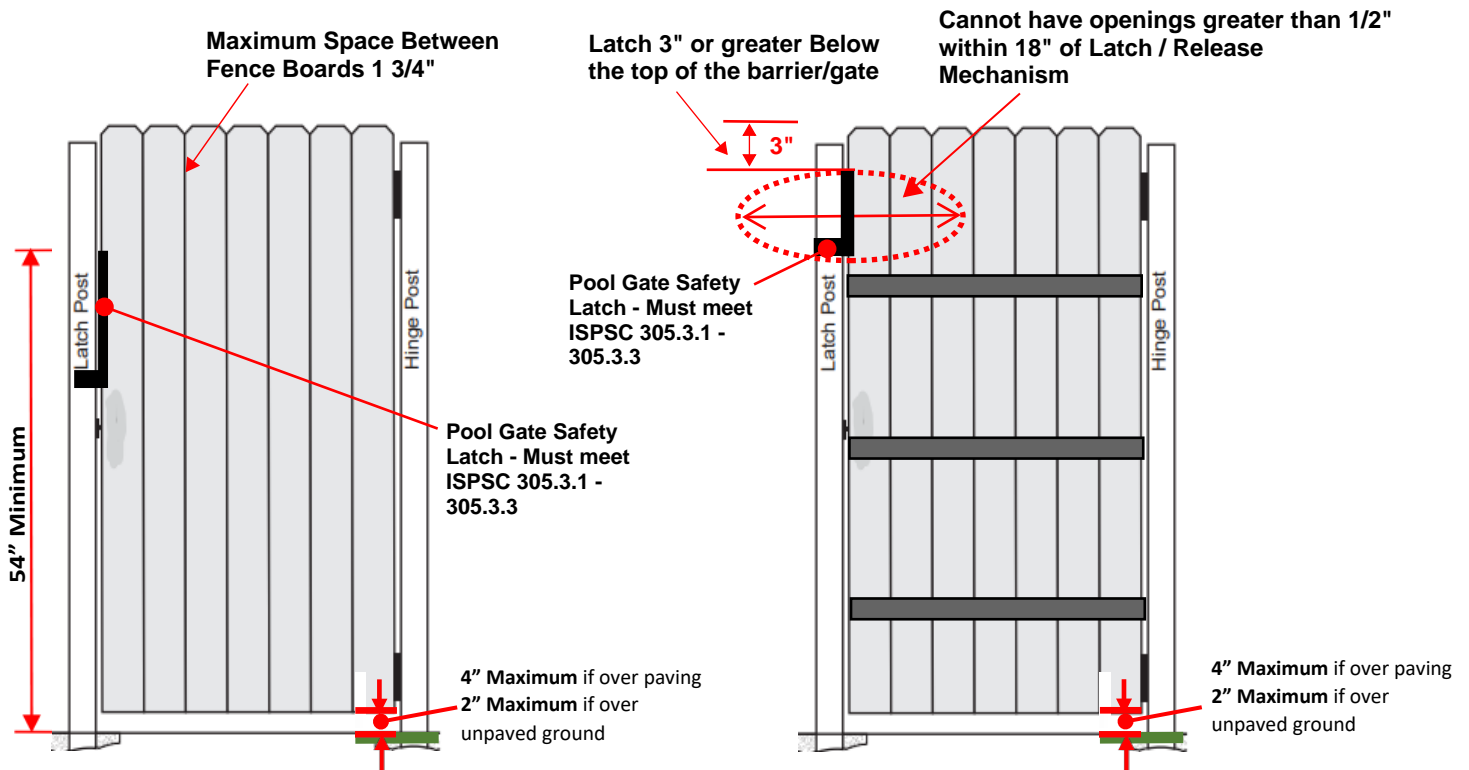


TYPICAL WOOD PICKET FENCE GATE FOR POOL BARRIER

POOL GATE & DOOR LATCHES - Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate, the release mechanism and openings shall be located on the pool side of the gate at least 3 inches below the top of the gate and the gate and barrier shall have no opening larger than ½ inch within 18 inches of the release mechanism. [ISPC 305.3.3].

POOL BARRIERS MUST BE A MINIMUM OF 4FT TALL

Pool Barrier Fence Gate Latches can be on Pool Side or on Non-Pool Side



OUTSIDE VIEW OF WOODEN PICKET FENCE GATE LATCH ON NON-POOL SIDE

INSIDE VIEW OF WOODEN PICKET FENCE GATE LATCH ON POOL SIDE

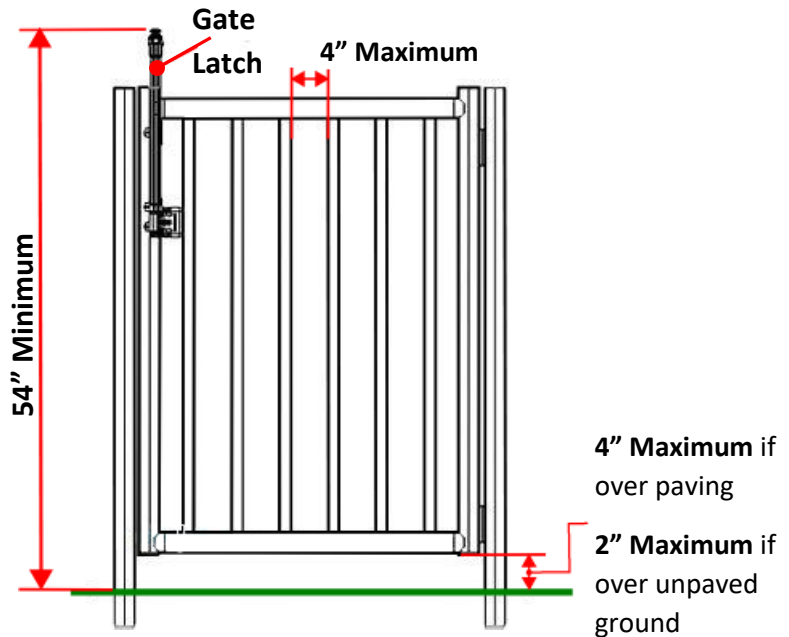
Pedestrian access doors and gates in barriers accessing private residential pools and spas must be self-closing and self-latching, and must open outward, away from the pool.

TYPICAL METAL FENCE AND GATES

POOL GATE & DOOR LATCHES - Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate, the release mechanism and openings shall be located on the pool side of the gate at least 3 inches below the top of the gate and the gate and barrier shall have no opening larger than ½ inch within 18 inches of the release mechanism. [ISPSC 305.3.3].

POOL BARRIERS MUST BE A MINIMUM OF 4FT TALL

METAL POOL FENCE GATE LATCH EXAMPLE



305.3 - Doors and gates.

Doors and gates in barriers shall comply with the requirements of Sections 305.3.1 through 305.3.3 and shall be equipped to accommodate a locking device. Pedestrian access doors and gates shall open outward away from the pool or spa, shall be **self-closing and shall have a self-latching device.**

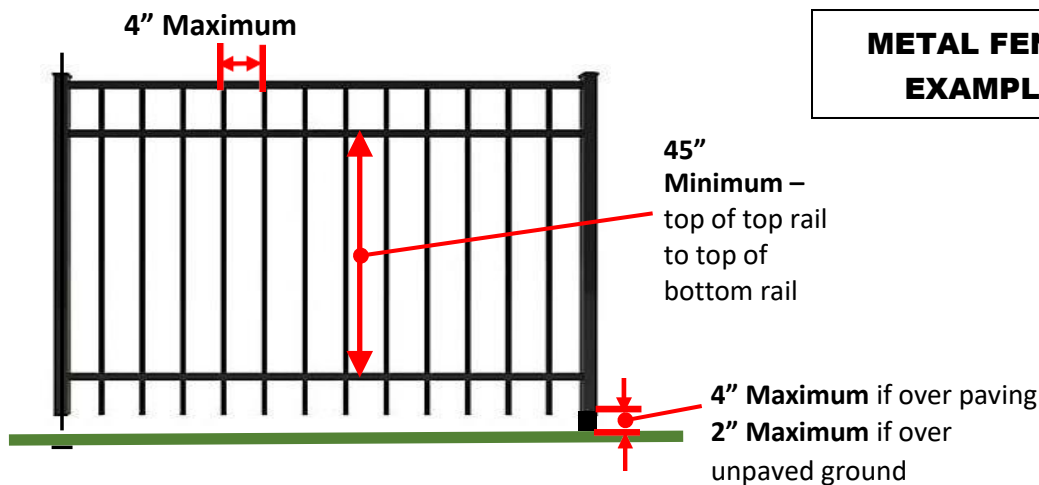
305.3.1 - Utility or service doors and gates.

Doors and gates not intended for pedestrian use, such as utility or service doors and gates, shall remain locked when not in use.

305.3.2 - Double or multiple doors and gates.

Double doors and gates or multiple doors and gates shall have not fewer than one leaf secured in place and the adjacent leaf shall be secured with a self-latching device.

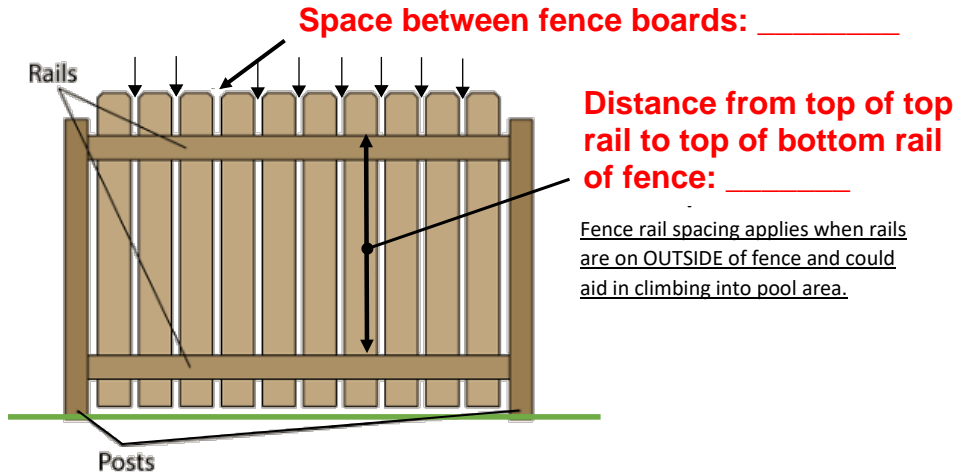
METAL FENCE EXAMPLE



NOTE: Inspection will not be approved, and occupancy of the swimming pool will not be granted, until all code requirements are met. A separate fence permit may be required in order to meet these requirements

**Applicant Worksheet
For Wood Picket Type Fences and Gates**
This worksheet can be printed and submitted with your Pool Barrier / Fence Permit

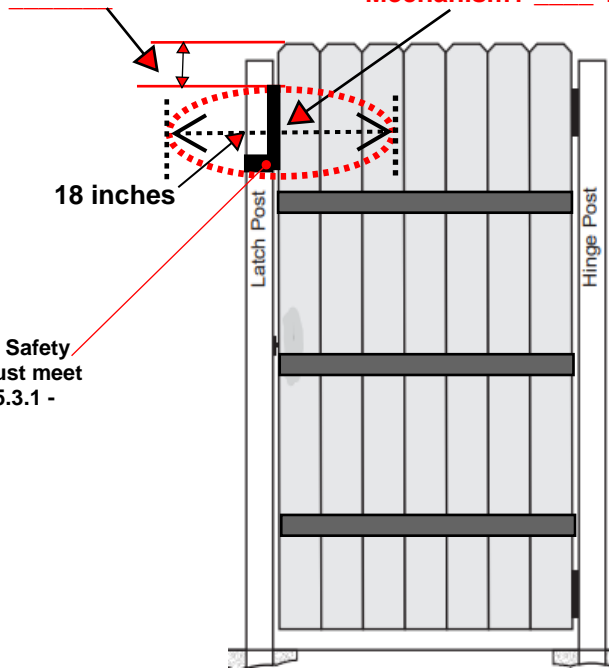
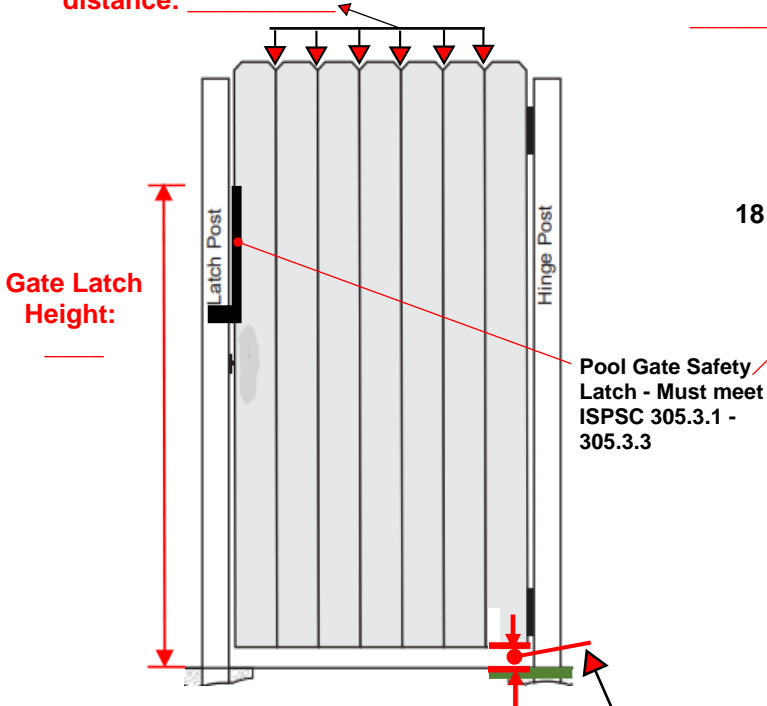
Fill in all applicable blanks based on Fence and Gate Type



Is there a gap between gate fence boards?
 Yes No, If yes what is gap distance: _____

Latch distance from the top of the barrier/gate:

Are there any openings greater than 1/2" within 18" of Latch / Release Mechanism? Yes No



INSIDE VIEW OF WOODEN PICKET FENCE GATE LATCH ON POOL SIDE

_____ **Distance from bottom of gate on what type of surface: _____**

OUTSIDE VIEW OF WOODEN PICKET FENCE GATE LATCH ON NON-POOL SIDE

**Applicant Worksheet
For Metal Type Fences and Gates**
This worksheet can be printed and submitted with your Pool Barrier / Fence Permit

POOL BARRIERS MUST BE A MINIMUM OF 4FT TALL

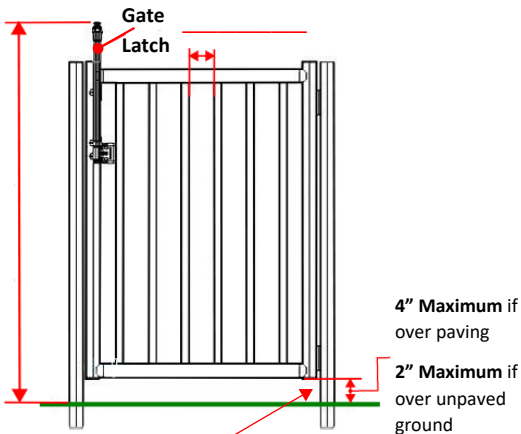
Fill in all applicable blanks based on Fence and Gate Type

METAL STYLE GATES AND FENCING

METAL GATE

**Distance
between vertical
uprights on gate:**

**Gate Latch
Height:** _____

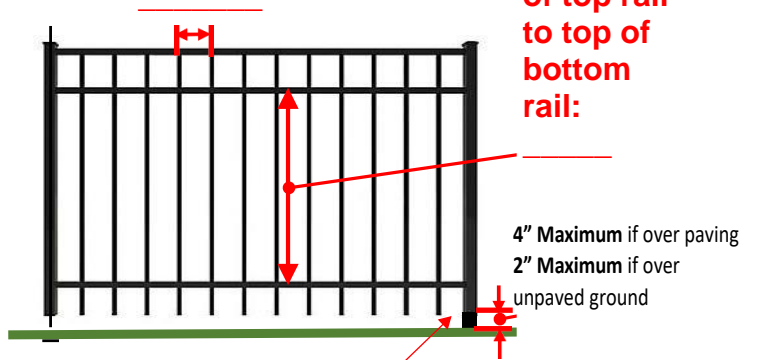


_____ **Distance from bottom of gate on
what type of surface:** _____

METAL FENCE

**Distance
between vertical
uprights on
metal fence:**

**Distance
from top
of top rail
to top of
bottom
rail:**



_____ **Distance from bottom off fence rails
on what type of surface:** _____