

**FINAL EXPRESS TERMS  
FOR  
PROPOSED BUILDING STANDARDS  
OF THE  
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH**

**REGARDING PROPOSED CHANGES TO  
THE CALIFORNIA BUILDING STANDARDS, ADMINISTRATIVE CODE  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, CHAPTER 31B  
PUBLIC POOLS**

**LEGEND FOR FINAL EXPRESS TERMS (combination of 45-day and 15-day changes)**

1. For 45-day and 15-Day changes, existing California amendments or code language being modified appears in *italics*, with modified language underlined.
2. For 45-day and 15-Day changes, repealed text appears in ~~strikeout~~.

**1) Amend Section 3101B as follows:**

**SECTION 3101B**

**SCOPE**

*The provisions of this chapter shall apply to the construction, installation, renovation, alteration, addition, relocation, replacement or use of any public pool and to its ancillary facilities, mechanical equipment and related piping. Public pools include those located in or designated as the following: commercial building, hotel, motel, resort, recreational vehicle or mobile home park, campground, apartment house, condominium, townhouse, homeowner association, club, community building or area, public or private school, health club or establishment, water park, swim school, medical facility, bed and breakfast, licensed day-car facility, recreation and park district and municipal pools.*

**Note: Existing law limits application of building standards. Please see Health and Safety Code Section 18938.5 and 116050.**

2) Amend Section 3106B as follows:

**SECTION 3106B**

**SPECIAL REQUIREMENTS FOR SPRAY GROUNDS**

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**3106B.21** ~~A diverter valve~~ means of diverting runoff from the splash zone shall be installed on the spray ground drainage piping before the surge basin to divert water to the storm drainage system when the ~~splash~~ spray ground is not in operation.

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3) Amend Section 3110B as follows:

**SECTION 3110B**  
**PERMANENT MARKINGS**

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**3110B.4.1 Location.** *The water depth shall be clearly marked at the following locations:*

1. *Maximum depth; and*
2. *Minimum depth; and*
3. *Each end; and*
4. *Both sides at ~~each end~~ the shallowest and deepest part of the pool; and*

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**Note:** *For an illustration diagram pertaining to this section see Figure 31B-8.*

**3110B.5 No diving markers.** *For pool water depths 6 feet (1830 mm) ~~and shallower~~ or less no diving markers.*

4) Amend Section 3111B as follows:

**SECTION 3111B**

**STEPS, RECESSED STEPS, LADDERS AND STAIRS**

**3111B.1 Construction.** *A means of entry and exit to and from the pool shall consist of steps, recessed steps, ladders, stairs, ramps or combination of these. ~~One means of entry and exit~~ Stairs or ramps shall be provided in the shallowest portion of a pool if the vertical distance from the bottom of the pool to the deck is over 1 foot (305 mm). In pools with more than one shallow end, stairs or ramps shall be provided at a minimum at one shallow end. A second means of entry and exit shall be provided in the deep portion of a pool having a depth greater than 4 ½ feet (1372 mm). Where the width of the pool exceeds 30 feet (9144 mm), such means of entry and exit shall be provided at each side, not more than 100 feet (30,480 mm) apart.*

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**3111B.3 Stairs.** *~~Stairs shall be provided in the shallowest portion of the pool. In pools with more than one shallow end stairs shall be provided at each shallow end.~~ Each step of a stair shall have a tread in accordance with Figure 31B-7. Risers shall conform to Figure 31B-7. At least one hand rail shall be provided extending from the deck to not less than a point above the top of the lowest step installed in accordance with Figure 31B-7.*

**3111B.4 Recessed steps and step risers Ladder and Recessed Step Dimensions.**

*Ladder treads and recessed steps shall have a minimum tread of 5 inches (127mm).*

**3111B.5 Handrails Hand rails for Ladders and Recessed Steps. Handrails**

*Handrails shall be provided at the top of both sides of each ladder and recessed steps and shall extend over the coping or edge of the deck.*

**3111B.6 Stairs for a spa pool Handrails Hand rails for Spas.** *Each step of a spa pool stair shall have a tread dimension in accordance with Figure 31B-7. Risers shall not exceed 12 inches (305mm) in height. Two hand rails shall.*

**3111B.7 Dimensional Tolerances. Finished step tread and riser construction**  
*tolerances shall be  $\pm \frac{1}{2}$  inch (12.5 mm).*

**[DSA-AC] Additional requirements may apply. Refer to Chapter 11B for accessibility provisions applicable to public accommodations, commercial buildings and public housing.**

5) Amend section 3114B as follows

**Section 3114B**

**POOL DECKS**

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**Exceptions:**

1. *A deck at least 4 feet (1219 mm) in width shall extend around a continuous 50 percent or more of the perimeter of a spa pool. ~~For spa pools that have their walls extending above the ground or floor level, the deck area requirement shall apply at the ground or floor level unless otherwise approved in writing by the enforcing agent.~~*

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6) Amend Section 3116B as follows:

**SECTION 3116B**

**BATHHOUSE, DRESSING, SHOWER AND TOILET FACILITIES**

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**3116B.2 Number of sanitary facilities.** *For purpose of this subsection, one pool user shall be considered for every 15 square feet (1.39 m<sup>2</sup>) of pool water surface area and/or spray ground splash zone area.*

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7) Amend Section 3120B as follows:

**SECTION 3120B**

**REQUIRED SIGNS**

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**3120B.4. No lifeguard sign.** *Where no lifeguard service is provided, a sign shall be posted stating, "NO LIFEGUARD ON DUTY." The sign also shall state in letters at least 1 inch (25 mm) high, "Children under the age of 14 shall not use pool without a parent or adult guardian in attendance".*

**Exception:** *"No lifeguard sign" requirement does not apply to spray grounds that have no standing water.*

**3120B.6 Emergency sign.** *The emergency telephone number 911 with numbers not less than 4 inches (102mm), the number of the nearest emergency services and the name and street address of the pool facility with numbers and text not less than 1 inch (25 mm) shall be posted.*

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**3120B.10: Keep Closed.** A sign shall be posted on the exterior side of gates and doors leading into the pool enclosure area stating, ~~“KEEP CLOSED”~~ “KEEP GATE CLOSED” or “KEEP DOOR CLOSED”.

**[DSA-AC]** Additional requirements may apply. Refer to Chapter 11B for accessibility provisions applicable to public accommodations, commercial buildings and public housing.

8) Amend Section 3123B as follows:

**~~RECIRCULATION SYSTEM COMPONENTS~~**

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**3123B.2 Equipment.** *All pumps, filters, chemical feeders, skimmers and supplemental equipment shall comply with the applicable requirements established by the NSF/ANSI ~~50-2010~~ NSF/ANSI 50-2012 performance standard effective ~~August 2010~~ September 2012.*

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9) Amend Section 3125B as follows:

**SECTION 3125B**

**RECIRCULATION PIPING  
SYSTEM AND COMPONENTS**

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**3125B.2 Gauges.** *A pressure and vacuum gauge shall be provided for each pump system. Each gauge shall have a scale range approximately 1 ¼ times the maximum anticipated working pressure or vacuum and shall be accurate within 2 percent of scale. The pressure gauge located on the filter shall be marked with the clean start up pressure reading.*

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**10) Amend Section 3136B as follows:**

**SECTION 3136B**

**POOL SKIMMING SYSTEMS**

*The pool shall be equipped with one or more skimming methods to provide continuous skimming of the pool water and shall be capable of continually withdrawing not less than 100 percent of the ~~required~~ flow rate.*

**11) Amend Section 3137B as follows:**

**SECTION 3137B**

**POOL FITTINGS**

**3137B.1 Outlets.** *Each pool shall be provided with a main drain submerged suction outlet typically located at the bottom of a pool that conducts water to a recirculating pump. Suction outlets shall comply with all of the following provisions:*

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*3. The velocity of the suction piping installed between the suction outlets shall not exceed 3 feet per second (.91 mps) under normal operation, or 6 feet per second (1.82 mps) if one outlet is blocked; and*

12) Amend TABLE 31B-6 as follows:

**TABLE 31B-6**

| <b><i>Dimension</i></b> | <b><i>DEPTH OF WATER</i></b> |                  | <b><i>LENGTH OF SECTIONS</i></b> |                  |
|-------------------------|------------------------------|------------------|----------------------------------|------------------|
|                         | <b><i>D1</i></b>             | <b><i>D2</i></b> | <b><i>L1</i></b>                 | <b><i>L2</i></b> |
| <b><i>Minimum</i></b>   | -                            | 24"              | 12"                              | 24"              |
| <b><i>Maximum</i></b>   | 24"                          | 42" <u>48"</u>   | 24"                              | -                |

Notes for figure 31B-6 and Table 31B-6:

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4. See Sections 3111B and ~~3112B~~ for step and handrail dimensions.

13) Amend TABLE 31B-7 as follows:

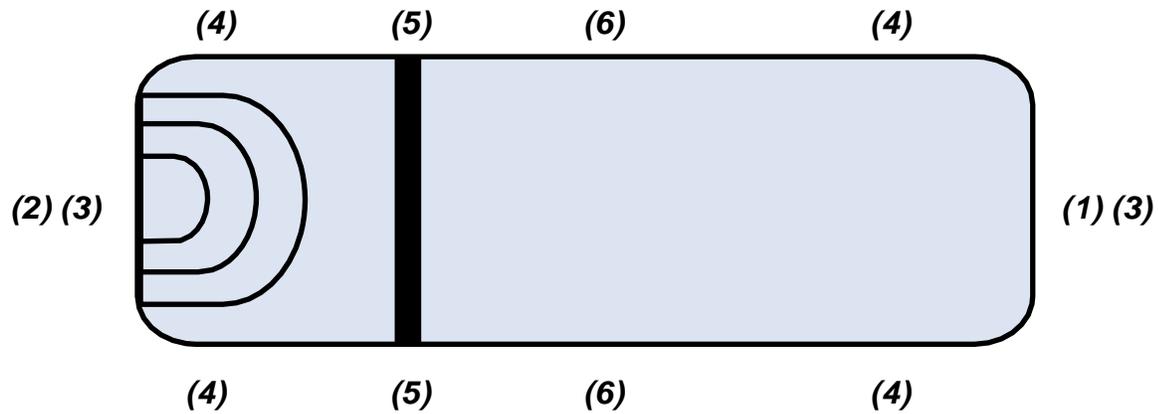
**TABLE 31B-7**

| <b>Dimensions</b> | <b>T-1 Standard</b> | <b>T-1<br/>TRIANGULAR,<br/>CONCAVE, CONVEX</b> | <b>T-2</b> | <b>T-3</b> | <b>W-1</b> | <b>H-1</b> | <b>H-2</b> |
|-------------------|---------------------|--|------------|------------|------------|------------|------------|
| <i>Minimum</i>    | 14"                 | 21"  | 12"        | 3"         | 24"        | 6"         | 28"        |
| <i>Maximum</i>    | 18"                 | 24"  | 16"        | -          | -          | 12"        | 36"        |

Note for Table 31B-7:

1. Six inch minimum radius at "pinch points".

14) Add FIGURE 31B-8 as follows:



**FIGURE 31B-8**

**DEPTH MARKER LOCATIONS**

*Notes for Figure31B-8*

1. *Maximum depth.*
2. *Minimum depth.*
3. *Each end of pool.*
4. *Both sides at the shallowest and deepest part of pool.*
5. *At the break in the bottom slope between the shallow and deep end.*
6. *Along the perimeter of the pool at distances not to exceed 25 feet.*

15) Amend TABLE 31B-3A as follows:

Pools with Maximum Water Depth = ~~6-0~~ ≤ 6'0"

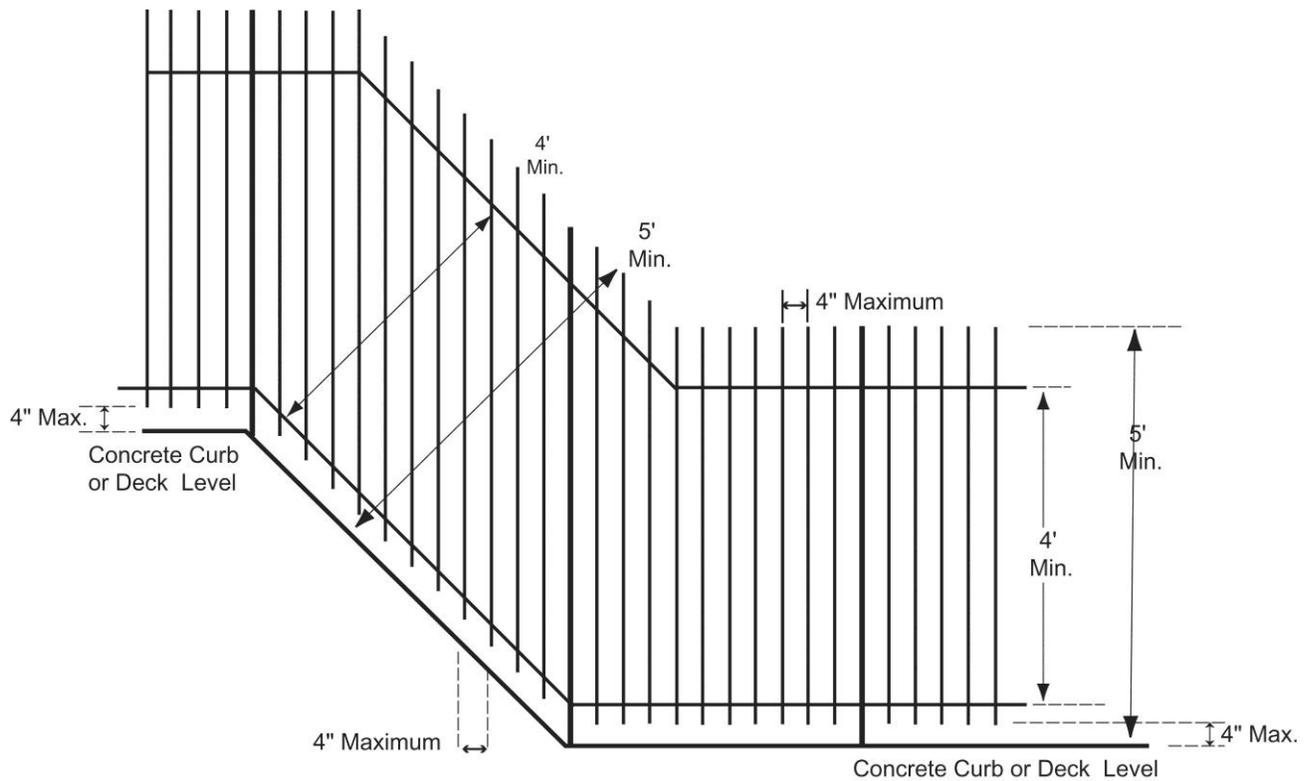
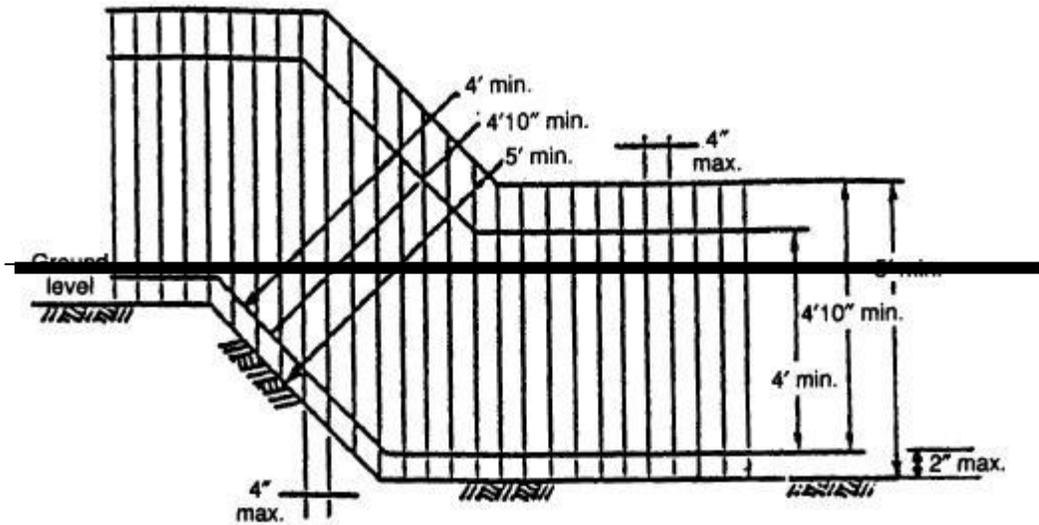
| Dimension      | Depth of Water |                       |      | Length of Section |      |      |      |
|----------------|----------------|-----------------------|------|-------------------|------|------|------|
|                | D1             | D2                    | D3   | L1                | L2   | L3   | W1   |
| <b>Minimum</b> | 2'6"           | <del>(5)</del><br>--- | 0'0" | 3'6"              | 3'0" | 3'0" | 6'0" |
| <b>Maximum</b> | ---            | 6'0"                  | 3'6" | ---               | ---  | ---  | ---  |

16) Amend TABLE 31B-3B as follows:

Pools with Maximum Water Depth > ~~6'0"~~ 6'0"

| Dimension | Depth of Water |                         |      | Length of Section |      |      |
|-----------|----------------|-------------------------|------|-------------------|------|------|
|           | D1             | D2                      | D3   | L1                | L2   | W1   |
| Minimum   | 2' 6"          | (5)<br><u>&gt; 6'0"</u> | 0'0" | 3'6"              | 3'0" | 7'6" |
| Maximum   | ---            | ---                     | 3'6" | ---               | ---  | ---  |

17) Amend FIGURE 31B-4  
**PERPENDICULAR FENCING DIMENSIONS ON SLOPING GROUND**



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Notation

Authority: Health and Safety Code Section 131200 and 116050

Reference(s): [Health and Safety Code Section 116035 and 116050