



**COUNTY OF SAN LUIS OBISPO HEALTH AGENCY
ENVIRONMENTAL HEALTH SERVICES DIVISION**

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Public Health
Prevent. Promote. Protect.

County of San Luis Obispo
Public Health Department

SWIMMING POOL PLAN CHECK SHEET

Title 22 of the California Code of Regulations requires that any person constructing, reconstructing, or altering a swimming pool, auxiliary structure or equipment submit legible plans and specifications to the enforcing agent, San Luis Obispo County Environmental Health for review and written approval prior to commencing work or issuance of necessary building permits [Section 65505] **THIS CHECKLIST IS DESIGNED TO ASSIST THE APPLICANT IN THE PREPARATION OF SATISFACTORY PLANS.** As it does not become part of the completed plans, please ensure all required information appears on the plans.

A new swimming pool (commercial) located in the unincorporated area must first receive clearance from the County Planning (Zoning) Department.

The following must be submitted to Environmental Health in duplicate. One set will be returned with a list of corrections or stamped as approved.

1. Drawings to scale (pool: ¼" = 1 foot) of the pool in both overhead plan view and longitudinal section and, where there are diving boards, transverse section.
2. Drawings to scale of the equipment room, equipment, plumbing and electrical with each item identified and piping sizes specified.
3. Drawings to scale of the deck area including drainage, fencing and gates, hose bibb and drinking fountain locations.
4. Drawings to scale of restrooms, shower and locker areas (including room finishes) when appropriate.

The following must also be submitted at the time of application for each pool:

1. Specification sheets for all pool equipment including pumps (with pump curves), filters, skimmers, chlorinators, heaters, flow meters, separation tanks, lights, and hand rails.
2. The following list of items [pages 2-12] must be completed, signed and dated by the pool contractor/designer. ***All pool and equipment data must be shown on plans submitted.***

IDENTIFICATION:

Name of Facility Where Pool to be Constructed:	Location/Address	City

Owner	Address	Phone

Contractor/Designer	Address	Phone

POOL DATA – Part I of II

**ANSWER THE FOLLOWING QUESTIONS WHERE APPLICABLE
AND CHECK THE APPROPRIATE BOX(s):**

1. TYPE OF POOL (Check):

- standard (no diving)
- standard (diving)
- wading
- special use/other

Specify _____

2. POOL DIMENSIONS:

- Length _____
- Width _____
- Diameter _____
- Surface Area _____
- Min. Depth _____
- Max. Depth _____
- Aver. Depth _____
- Volume (gals.) _____
- Odd configuration, see plan _____
- Complies with Sect. 2.9011(see Pg.5)

3. POOL COLOR MUST BE WHITE yes

4. RETURN INLETS: (Provide spec sheet)

- # of inlets _____
- Size of inlets _____
- Inlets adjustable _____

5. OUTLET BOTTOM DRAIN: (Provide spec sheet)

- Safety type dual main drains at least 2 feet apart
- Open area of the drain cover _____ sq. in. = _____ sq. ft.
- Size of piping: _____
- GPM (from pump curve) per grate (1/2 of GPM if 2 grates) _____ ÷ 7.48 gal./cu. ft. = _____ cfm ÷ 60 sec/min = _____ cfs ÷ grate opening in sq. ft. (sq. in ÷144) = _____ fps. (Must be less than 2 ft./sec)

5. SUCTION LINE SIZE: _____

6. PUMP: (Provide spec sheet)

- Manufacturer _____
- Model # _____
- Horsepower _____
- # of pumps _____
- Ft. of head in system _____
- GPM @ system head loss _____
- Turnover rate _____
- Hair & Lint catcher Yes No

7. FILTER: (Provide spec sheet)

- Type _____

- Manufacturer _____
- Model # _____
- Area in sq. ft. _____
- # of filters _____
- Total Area _____ sq. ft.

8. HYDROSTATIC RELIEF VALVE/ASSEMBLY:

Yes No

- Depth to groundwater _____

9. CHLORINATION OR DISINFECTION UNIT

(Provide spec sheet)

- Type of unit _____
- Manufacturer _____
- Model # _____

10. SKIMMER/GUTTER SYSTEM:

(Provide spec sheet)

- # of skimmers _____
- Manufacturer _____
- Model # _____
- Gutter system with surge tank at _____ gallons

11. FLOWMETER: (Provide spec sheet)

- # of flow meters _____
- Manufacturer _____
- Model # _____

12. RANGE OF PRESSURE GAUGE:

Influent _____ Effluent _____

13. VACUUM GAUGE: _____

14. POOL STEPS/STAIRS/LADDERS/RAILS:

- Pool is _____ ft. at shallow end
- Riser height of stair _____
- # of safety rails _____ (Provide spec sheet)
- Height of rail above deck _____ in.
- # of ladders _____
- Clearance between ladder and stair riser _____ in.
- Stepholes have a tread of _____ in. and a width of _____ in.

15. DEPTH MARKERS:

- _____ maximum depth
- _____ minimum depth
- _____ each end
- _____ break in slope
- _____ perimeter at 25 ft. increments
- _____ vertical wall of pool at water line

- _____ vertical wall of pool & on deck surface (if pool width exceeds 20 ft.)
- _____ markers are _____ in. in ht.
- _____ "Ft." abbreviation after each depth marker

16. BREAK MARKING:

POOL DATA – Part I OF II (continued)

1. Proper flush mounted devices for fastening a safety rope & buoys across pool (at 4 ½ ft. depth) installed ___ Yes ___ No
2. Break-in depth slip resistant 4 in. tiles ___ Yes ___ No

17. DECK:

- Deck is made of _____
- Deck is _____ ft. wide
- Deck is _____ ft. wide between pool and spa
- Deck is sloped ¼"/ft. to deck drain ___ Yes ___ No
- Deck drains to _____

18. COPING:

- Type _____
- Manufacturer _____

19. FENCING:

- Does fencing enclose pool? _____
- What is its height? _____
- Are any openings greater than 4 in. in any dimension? _____
- Does the gate have a self-closing self-latching lock? _____ Opens outwardly _____

20. EQUIPMENT ROOM:

- The floor is made of _____
- Is there easy access to all equipment and gauges? _____
- Have provisions been made for a back wash sight glass? _____
- Is floor sloped ¼"/ft. to a drain? _____

21. DRESSING ROOM/TOILET/SHOWER:

- Straight line distance from above to farthest point of the farthest living unit _____ ft.
- Are public showers, toilets and dressing rooms provided? _____
- Total # of bathers is _____
- Is one shower per 50 bathers provided? ___ Yes ___ No
- Separate toilet facilities for men and women are provided as follows:
 - # of women toilets _____
 - # of men toilets _____

- Pool has a break in slope at 4 ½ feet ___ No ___ Yes (If yes: 1 & 2)

- # of men urinals _____
- # of women showers _____
- # of men showers _____
- # of women lavatories _____
- # of men lavatories _____
- Hot water max. temp. is _____ °F.

23. DRESSING ROOM/TOILET/SHOWER FLOOR PLAN REQUIREMENTS:

- Dressing room/toilet/shower floor plan provided
- Room finish schedule provided
 - Wall material
 - Floor material, floor must be covered
 - Ceiling material
- Samples of flooring and wainscot materials are provided
- Hot & cold running water to each faucet
- Hot water must reach 110 °F minimum

24. HOSE BIBBS/DRINKING FOUNTAIN:

- Has a hose bibb been provided that is located so that all portions of the deck can be reached with 75 ft. of hose? _____
- There is/are _____ drinking fountain(s).

25. SIGNS: The following signs will be posted at pool side:

- _____ No Lifeguard on Duty
- _____ Lifeguard on Duty
- _____ Artificial Respiration
- _____ No Diving Sign (Shallow pool)
- _____ Chlorine Gas
- _____ Emergency Phone Numbers
- _____ Pool Occupancy Capacity

26. SAFETY EQUIPMENT:

- _____ Life hook and pole
- _____ Life ring with 3/16" rope
- _____ First aid kit
- _____ Test kit (pH, free chlorine & cyanuric acid)

27. BACKWASH:

- Separation tank ___ Yes ___ No

Make/model _____ capacity to _____ sq. ft. of filter area

- Wastewater from the separation tank cannot be returned to the pool.
 - Air gap filter backwash to public sewer
___ Yes ___ No
 - Backwash receptacle size _____ p-trap size

 - Backwash valve ___ Yes ___ No
_____ size Make/Model

- Backwash water goes to _____

28. WHEN EMPTIED, POOL WATER GOES TO

- Model _____ connection pipe size _____ in.
- Max. flow _____
- Internal bypass valve ___ Yes ___ No
- External bypass valve ___ Yes ___ No
Size of bypass _____ in.

30. RECIRCULATION PIPE SIZE: _____

POOL DATA – Part I OF II (continued)

29. HEATER: (Provide spec sheet)

- Manufacturer

POOL DATA – Part I of II (continued)

ANSWER THE FOLLOWING QUESTIONS WHERE APPLICABLE AND CHECK THE APPROPRIATE BOX(s):

DO THE FOLLOWING CALCULATIONS, SHOW ALL WORK; ATTACH SEPARATE SHEET AS NEEDED:

I. GALLONAGE CALCULATION:

- length (ft) x width (ft) x average depth (ft) x (times) 7.5 gal/ft³ = # of gallons
Answer: _____ gal.
- **For Round Pools:**
3.14 x R² (ft) x average depth (ft) x 7.5 gal/ft³ = # of gallons
Answer: _____ gal.

II. PUMP CURVE CALCULATIONS:

_____ gpm from pump curve at _____ ft. of head

- 60 ft. of head for pressure D.E., high rate sand & cartridges
- 45 ft of head for rapid sand
- 40 ft of head for vacuum D.E.

III. TURNOVER CALCULATIONS:

Pump must provide a complete turnover of pool water in a 6 hour period.

- **gallons in pool** = min. gpm of pump 360 min.
_____ = _____
360 min. (answer)
- Gallons in pool x 6 ÷ pump curve gpm x 360 = _____ turnover rate in hours

IV. MAX. FILTRATION FLOW RATE CALCULATIONS:

(Complete for your filter type)

- Rapid sand: 3 gpm/ft²
_____ gpm (pump curve)
3 gmp/ft²
= _____ ft.² filter required
(answer)
- D.E.: 2 gpm/ft²
_____ gpm (pump curve)
2 gpm/ft²
= _____ ft.² filter required

- (answer)
- High Rate Sand: 15 gpm/ft²
 $\frac{\text{_____ gpm (pump curve)}}{15 \text{ gmp/ft}^2} = \text{_____ ft.}^2 \text{ filter required}$
 (answer)
 - Cartridge: 0.375 gpm/ft²
 $\frac{\text{_____ gpm (pump curve)}}{0.375} = \text{_____ ft.}^2 \text{ filter required}$
 (answer)

Recommend increasing filter area by 25%

V. SKIMMER CALCULATIONS:

- 1 Skimmer/500 ft² surface area
 $\frac{\text{_____ ft}^2 \text{ (pool surface)}}{500 \text{ ft}^2/\text{skimmer}} = \text{_____}$
 (# of skimmers)

VI. SURGE TANK CALCULATION:

$$\frac{\text{_____ ft}^2 \text{ (pool surface)}}{1 \text{ gal/sq. ft.}} = \text{_____ gal.}$$

(of surge tank)

VII. INLET CALCULATIONS:

- 2 per first 10,000 gal.
- 1 per each 10,000 gal. Thereafter:
 - (1) _____ gal – 10,000 gal
= 2 inlets
 - (2) _____ (remainder)
10,000 gal
= additional inlets
$$\text{_____ (1) + _____ (2) = _____ total inlets}$$
- Total inlets = _____

PART II OF II

ANSWER THE FOLLOWING QUESTIONS:

3106B	#1	Pool shall be designed and durably built of reinforced concrete, or material equivalent in strength and be watertight. ___ Yes Show on plans
3106B	#2	The finished pool shall be white. ___ Yes Show on plans
3106B	#3	Pool is free from projections and recessed areas. ___ Yes Show on plans
3107B	#4	If temporary training pool (2-9012) (Answer a-d below) ___ Yes ___ No ___ Not Applicable Show on plans a. Complies with Section 2-9011 ___ Yes ___ No ___ Not Applicable Show on plans b. Installed on paved level surface which extends at least 10' beyond pool walls. ___ Yes ___ No ___ Not Applicable Show on plans c. Provided with a solid cover that will support 40 lbs/sq. ft. ___ Yes ___ No ___ Not Applicable Show on plans d. Pool and cover designed by a registered engineer. ___ Yes ___ No ___ Not Applicable Show on plans
3108B	#5	Geometry of pool conforms to one of the appropriate diagrams in figures 31B 1 through 31B 3. ___ Yes ___ No ___ Not Applicable Show on plans

3108B	#6	Pool has a change (Break) of slope from shallow to deep end. ___ Yes ___ No Show on plans
3108B	#7	Pool has flush mounted fastening devices for fastening a safety rope and buoys across the pool where water depth is 4 ½ ft. ___ Yes ___ No ___ Not Applicable Show on plans
3109B	#8	There is a 4 inch wide straight line of slip resistant tile across the bottom of the pool at the 4 ½ ft. depth mark. ___ Yes ___ No ___ Not Applicable Show on plans
3109B	#9	There can be no designs resembling a human form on the walls or bottom of the pool. Are any graphics planned on the interior finish? ___ Yes Show on plans ___ No
3109B	#10	The water depth is clearly marked at the following locations (circle letter preceding your answer): a. Maximum depth * Wading pool must have 2 depth markers b. Minimum depth indicating maximum depth c. Each end d. Break in slope e. Perimeter at increments not exceeding 25 ft. f. On vertical walls at/or above water level Show on plans

PART II OF II (continued)

3109B	#11	Pool is greater than 20 ft. wide and has depth markers also on edge of deck. ___ Yes ___ No Show on plans
3109B	#12	Depth markers must be least 3 in. in height, of contrasting color, made of durable material that resists weathering (slip resistant if located on the deck). Also, the abbreviation "Ft" (3 inches in height) must appear after each depth marker. ___ Yes Show on plans
3109B	#13	Width of lane markings doesn't exceed 12 inches. ___ Yes ___ No ___ Not Applicable Show on plans
3110B	#14	Depth of shallow end of pool exceeds 2 ft. and requires steps and ladders. ___ Yes ___ No Show on plans
3110B	#15	Depth at deep end of pool exceeds 4 ½ ft. and requires ladders. ___ Yes ___ No Show on plans
3110B	#16	Pool exceeds 30 ft. in width and requires ladders on both sides at increments not exceeding 100 ft. ___ Yes ___ No Show on plans
3110B	#17	Minimum tread of stairs is 12 inches or greater. ___ Yes ___ No Show on plans

3110B	#18	Riser height of stairs does not exceed 12 inches. ___ Yes ___ No Show on plans
3110B	#19	The top step is curved convexly and top step tread is 18 inches or greater in size. ___ Yes ___ No ___ Not Applicable Show on plans
3110B	#20	The required ladders have a handhold that is corrosion-resistant and equipped with slip-resistant tread. It will be rigidly installed and provided a clearance of not less than 3 inches nor more than 5 inches between part of the ladder and the pool wall. ___ Yes ___ Not Applicable Show on plans
3110B	#21	Stepholes shall have a minimum tread of 5 inches and a width of 14 inches. ___ Yes ___ Not Applicable Show on plans
3110B	#22	The safety rail extends from the deck to a point above the top of the lowest step. The upper surface of the safety rails is located at least 28 inches above the deck. ___ Yes Show on plans
3111B	#23	Handholds will be installed. They will be located not more than 9 inches above water level. ___ Yes ___ Not Applicable Show or note on plans
3111B	#24	Handholds are bullnosed coping or cantilevered decking that is not over 2 ½ inches thick (overhang shall not exceed 2 inches nor be less than 1 inch). ___ Yes ___ Not Applicable Show or note on plans

PART II OF II (continued)

3111B	#25	This is a special use pool for instruction or competitive swimming which requires a perimeter overflow lip. ___ Yes ___ No Note on plans
3112B	#26	The diving boards comply with Section 2-9017. ___ Yes ___ Not Applicable Show or note on plans
3113B	#27	A 4 ft. wide or larger deck surrounds pool and rear of diving board, if applicable. ___ Yes ___ Not Applicable Show or note on plans
3113B	#28	The deck is made of concrete or similar material and is slip-resistant and non abrasive. ___ Yes Note on plans
3113B	#29	The deck width separating the pool from any adjacent spa is 6 ft. or greater. ___ Yes ___ Not Applicable Show on plans
3113B	#30	This is a temporary training pool. No deck required. ___ Yes ___ No Show or note on plans
3113B	#31	The deck has a minimum slope of ¼ in. per ft. to deck drains and doesn't drain into pool. ___ Yes ___ No Show or note on plans

3113B	#32	Drains are not more than 25 ft. apart and do not drain over <u>400 sq. ft.</u> per drain (4 in. drains). They drain to _____. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show on plans
3115B	#33	Public showers, toilets and dressing rooms will be provided. <input type="checkbox"/> Yes <input type="checkbox"/> No Show on plans
3115B	#34	Adjacent living facilities or accommodations are to be used. They are 300 ft. or less away. If so, Skip #35-38. <input type="checkbox"/> Yes <input type="checkbox"/> No Show on plans
3115B	#35	Number of sanitary facilities on basis of 1 bather per 15 sq. ft. of pool surface. The total # of bathers are _____. a. One shower for each 50 bathers provided b. Separate toilet facilities for men and women on following basis: women 1T/60; men 1T + 1U/75 men c. One lavatory for each 80 bathers
3115B	#36	Floors in sanitary facilities hard, non-absorbent extending up wall 5 inches with coved base. They are slip-resistant and sloped ¼ inch per foot to floor drain. <input type="checkbox"/> Yes Show or note on plans
3115B	#37	Walls are of material not adversely affected by moisture. Privacy is maintained. <input type="checkbox"/> Yes Show or note on plans

PART II OF II (continued)

3115B	#38	Showers are supplied with hot and cold potable water. The hot water is limited to 110 degrees F. maximum. <input type="checkbox"/> Yes Show & note on plans
3116B	#39	There is 1 drinking fountain for first 250 bathers and 1 for each 200 thereafter (exception: when drinking water is available in living quarters or clubhouse). <input type="checkbox"/> Yes Show on plans
3117B	#40	Hose bibb available so that all portions of deck can be reached with 75 ft. hose. <input type="checkbox"/> Yes Show on plans
3118B	#41	Fencing and gates at least 5 ft. in height enclose pool. No opening greater than 4 inches in any dimension exists. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show on plans
3118B	#42	Gate is equipped with self-closing and self-latching device located 3 ½ ft. or higher above deck. Gate opens outwardly. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show or note on plans
3118B	#43	The bottom of the enclosure is within 2 inches of the finished grade. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show on plans

3118B	#44	Any horizontal bars are spaced a minimum of 48 inches apart. <input type="checkbox"/> Yes Show on plans
3119B & 116045	#45	The following signs will be posted in a conspicuous place at the pool and required information added (circle letter): a. Occupant Load sign (4 inch letters) b. Warning-No Lifeguard on Duty sign (4 inch letters) c. No Diving Allowed sign (depth 6 ft. or less) (4 inch letters) d. Danger: Gaseous Oxidizer-Chlorine sign (4 inch letters) e. Emergency Phone Number sign f. Artificial Respiration Procedures sign <input type="checkbox"/> Yes Show or note on plans
3120B	#46	Pool is located indoors and is ventilated according to Section 605 of the Uniform Building Code. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show or note on plans
3121B	#47	Pool equipment room is mounted on a Portland cement concrete or similar floor material and sloped ¼ in./ft. to floor drain. <input type="checkbox"/> Yes <input type="checkbox"/> No Show or note on plans
3122B	#48	The chlorine gas equipment room complies with Sec. 2-9028: a. Not located below ground level b. Entry door does not open onto pool or deck c. Fresh air intake within 6 inches of ceiling

PART II OF II (continued)

		<p>d. Mechanical exhaust produces 60 air changes/hour and vented to outside air discharge at least 10 ft. from windows or adjacent bldgs. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show & note on plans</p>
3123B	#49	<p>Recirculation system: (Answer a-h)</p> <p>a. Discharge flow velocity does not exceed 10 ft./second on inlet piping and 8 ft./second on suction pipe <input type="checkbox"/> Yes Note on plans</p> <p>b. All filters, valves, pumps, strainers and equipment requiring adjustments are readily accessible for repair and replacement <input type="checkbox"/> Yes Note on plans</p> <p>c. Pressure gauge on influent and effluent lines <input type="checkbox"/> Yes Show on plans</p> <p>d. Flowmeter will be supplied <input type="checkbox"/> Yes Show on plans</p> <p>e. Vacuum gauge on suction type filters <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show on plans</p> <p>f. Hair and lint strainer is provided on the suction side of the recirculation pump <input type="checkbox"/> Yes Show on plans</p> <p>g. Backwash piping and valves to be installed. The backwash will go to _____ <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show & note on plans</p> <p>h. Valves area easily accessible and not located under decking. They are marked for identification. <input type="checkbox"/> Yes Note on plans</p>
3126B	#50	<p>The pump capacity is designed at which of the following heads? (please circle the letter)</p> <p>a. Pressure D.E. – 60 ft. head b. Vacuum D.F. – 40 ft. head c. Rapid Sand – 45 ft. head d. Hi rate sand – 60 ft. head e. Cartridge filter – min 60 ft. head</p>
3127B	#51	<p>There is a permanently installed refill line to pool, (Spas, temp. pools, and pools less than 1500 gal. are exempt), with air gaps, vacuum breaker or double check valve. <input type="checkbox"/> Yes Show & note on plans</p>
3127B	#52	<p>Pool refill inlets not less than 1 inch or less than 2 pipe diameters above overflow rim for air-gap separation. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Note on plans</p>
3127B	#53	<p>Pool refill inlet is protected with a backflow prevention device. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Note on plans</p>
3129B	#54	<p>A <u>rapid sand filter</u> is being installed. If filtration rate does not exceed 3 gpm/sq. ft. Backwash is not less than 12 gpm/sq. ft. of filter area. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show & note on plans</p>

PART II OF II (continued)

3130B	#55	A <u>diatomaceous earth filter</u> is being installed. If filtration rate does not exceed 2 gpm /sq. ft. or 2 ½ gpm for continuous feeding for filter aid for pools 2000 sq. ft. or more. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show & note on plans
3131B	#56	A <u>high rate sand filter</u> is being installed. If filtration rate does not exceed 15 gpm/sq. ft.; its backwash minimum is 15 gpm. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show & note on plans
3131B	#57 #57A	A <u>cartridge filter</u> is being installed. If filtration rate does not exceed 0.375 gpm/sq. ft. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show & note on plans Cleaning sink installed. <input type="checkbox"/> Yes
3132B	#58	The chemical feeders comply with Section 3132B. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Note on plans
3133B	#59	The disinfectant feeders comply with Section 3133B. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Note on plans
3133B	#60	Chlorine gas to be used. Scales provided. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Note on plans
3133B	#61	Chlorine gas piping is not located outside equipment room. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show & note on plans
3134B	#62	<u>Skimmers:</u> (surface area less than 5000 sq. ft.) (Answer a-e if applicable) a. One skimmer for each 500 sq. ft. or fraction thereof is provided and capable of withdrawing 75% of required recirculation capacity <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans b. Skimmer is built-in type, recessed into pool wall, individually adjustable for rate of flow, automatically adjusts to variations in pool level within 4 inches, has a removable and cleanable screen or basket, and is provided with an air lock protective device to prevent air leakage into recirculation system <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans c. Skimmer located in relation to pool inlets so as to aid recirculation and skimming <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show on plans d. Skimmer flow rate does not exceed 80 gpm <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Note on plans e. Anti-hair catching equalizer line covers provided <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Note on plans

313B4	#63	<p><u>Perimeter overflow:</u> (surface area over 5000 sq. ft.) (Answer a-h if applicable)</p> <p>a. Capable of withdrawing 75% of required recirculation capacity <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans</p> <p>b. Overflow channel not less than 3 inches deep and 3 inches wide. The opening beneath deck into channel minimum of 4 inches <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans</p> <p>c. Channel lip is no greater than 12 inches below top of deck, with rounded lip edge with maximum thickness of 2 ½ inches for top 2 inches and minimum thickness of 1 inch for top 2 inches <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans</p>
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PART II OF II (continued)

		<p>d. Channel outlet minimum 2 ½ inches in diameter <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans</p> <p>e. Not more than 15 ft. apart and channel slope to outlets not less than ¼ inch/ft. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans</p> <p>f. Channel drain shall not be less than 1.5 times area of outlet piping <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Note on plans</p> <p>g. Surge tank storage minimum 1 gals/sq. ft. of surface area: Size: _____ <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans</p> <p>h. Automatic surge flow control to make-up water with manual over ride for maintaining pool water level provided <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Note on plans</p>
3134B & 3108B	#64	<p><u>Bottom Drains:</u> (Answer a-d)</p> <p>a. Pool can be drained through two bottom drains. The drain goes to _____ _____ <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Note on plans</p> <p>b. They are covered by a protective cover whose opening does not exceed ½ inch in its smaller dimension <input type="checkbox"/> Yes Show or note on plans</p> <p>c. Grates removable only with tools <input type="checkbox"/> Yes Note on plans</p> <p>d. Must have 2 main drains with at least 2 feet separation to prevent a suction hazard to bathers <input type="checkbox"/> Yes Show on plans</p>

3134B	#65	<p><u>Inlets:</u> (Answer a-f)</p> <p>a. Minimum of two inlets for first 10,000 gal. and one inlet for each additional 10,000 gal. or fractional part. There are _____ inlets</p> <p>b. Located not less than 18 inches below waterline (spa and wading pools exempt) <input type="checkbox"/> Yes <input type="checkbox"/> No Show & note on plans</p> <p>c. Inlets do not protrude greater than 1 ¼ inch into pool and are rounded or smooth <input type="checkbox"/> Yes <input type="checkbox"/> No Note on plans</p> <p>d. Inlets are separated by at least 10 ft. and <u>are located so as to ensure uniform circulation</u> <input type="checkbox"/> Yes <input type="checkbox"/> No Show & note on plans</p> <p>e. <u>Pools greater than 40 ft. in width:</u> has 1 floor inlet/10,000 gal. or fractional part thereof <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show & note on plans</p> <p>f. Provisions have been made for adjusting the volume (floor inlets only) and direction of flow from the wall inlets <input type="checkbox"/> Yes <input type="checkbox"/> No Note on plans</p>
3136B	#66	<p>A built-in or portable type vacuum cleaning system has been provided. <input type="checkbox"/> Yes Note on plans</p>

PART II OF II (continued)

3137B	#67	<p><u>Waste Disposal:</u> (Answer a-e)</p> <p>a. The backwash goes to _____ (septic systems not allowed)</p> <p>b. If D.E. filter, there is a receiving chamber, e.g. floor sink, which catches waste D.E. <input type="checkbox"/> Yes <input type="checkbox"/> Not Applicable Show on plans</p> <p>c. Sumps and drain piping have sufficient capacity to receive pool system backwash without overflowing the sump receiver <input type="checkbox"/> Yes Note on plans</p> <p>d. A sight glass on waste discharge line from filter provided. Exception: air gap visible to operator during backwash operation <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Show or note on plans</p> <p>e. There is no direct connection of the pool or its recirculation system with the sanitary sewer, storm drain or drainage system <input type="checkbox"/> Yes <input type="checkbox"/> No Show or note on plans</p>
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3-680-6	#68	<p><u>Electrical Requirements:</u> (Answer a-d)</p> <p>a. Electrical receptacles are located at least 10 ft. from the inside walls of the pool <input type="checkbox"/> Yes <input type="checkbox"/> No Note on plans</p> <p>b. Electrical receptacles located within 15 ft. of the inside walls are protected by ground-fault circuit interrupter <input type="checkbox"/> Yes <input type="checkbox"/> No Note on plans</p> <p>c. A receptacle that provides power to permanently installed pool recirculating pump motor is located between 5 and 10 ft. from the inside wall of a pool or spa but is a single, locking grounding type. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Note on plans</p> <p>d. Underwater lighting and area lighting is provided. It meets all electrical provisions of Article #680 of the <u>National Electrical Code</u>, e.g. GFCI. <input type="checkbox"/> Yes <input type="checkbox"/> No Show or note on plans</p>
	#69	<p><u>Gas Chlorination:</u></p> <p>a. All of Section 65547, Title 22 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Note on plans</p> <p>b. All of Section 2-9028, Title 24 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Note on plans</p> <p>c. All of Section 2-9041, (c), Title 24 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Note on plans</p>
	#70	<p>Have provisions for accessibility to the physically handicapped been made. <input type="checkbox"/> Yes Show or note on plans</p>

Contractor/Designer Signature

License Number

Date

Plans checked by

Approved Yes No

Date