



LOSS CONTROL BULLETIN



Another loss prevention service from Bollinger, Inc.

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SWIMMING POOL DIVING AREAS #110

Diving Equipment

The equipment should be designed specifically for swimming pool use, installed in accordance with the manufacturer's recommendations, permanently attached to the pool deck, have slip resistant surfaces, and be routinely inspected to insure it is in good repair and good working order.

All diving equipment higher than twenty-one inches (21") measured from the deck to the top butt end of the board should have stairs or a ladder. The treads should be self-draining. Diving equipment one meter or higher should have guardrails that are thirty-six inches (36") above the diving board and extend to the edge of the pool wall.

Diving Area

When the diving area is part of the main pool, the diving area should be delineated from the swimming areas of the pool by the placement of a rope and float line. Pool users should not be allowed to enter the diving area by swimming into the diving area from the main part of the pool.

If the pool has an elevated lifeguard chair (required for pools with a water surface area of greater than 1800 square feet), the chair should be positioned near the boundary between the diving and swimming areas of the pool.

Vertical Clearances

All diving equipment must have an unobstructed vertical clearance of thirteen (13) feet in all directions around the board or platform. The clearance should be measured from the center of the front end of the board, and extend horizontally as follows:

- 16 feet ahead of the board
- 8 feet to each side of the board
- 8 feet behind the front edge of the board

Water Depth and Surface Area Requirements

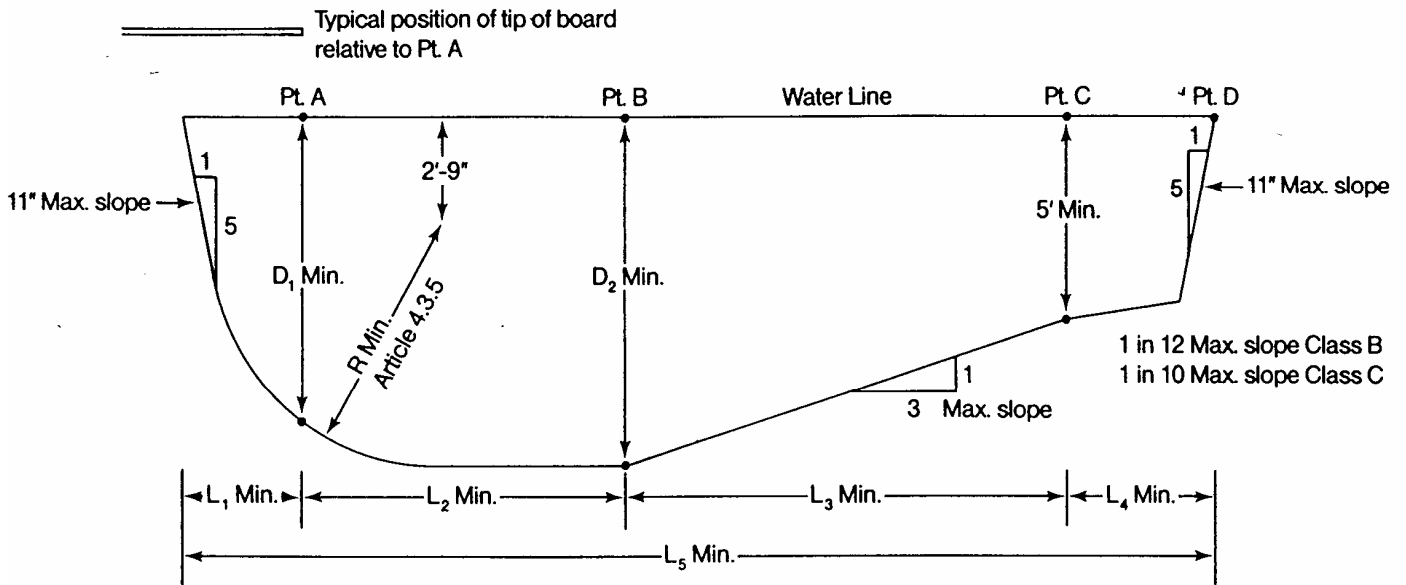
The diving area dimension requirements are outlined in the diagram and chart attached. Pools with diving boards in excess of three (3) meters in height, or pools with platform diving, should refer to the dimensional design requirements of FINA, U.S. Diving, the National Federation of State High School Associations (NFSHSA), or other groups that regulate diving competitions.

IMPORTANT NOTICE - The information and suggestions presented by Bollinger Inc. in this Loss Control Bulletin are for your consideration in your loss prevention efforts. They are not intended to be complete or definitive in identifying all hazards associated with your club, preventing workplace accidents, or complying with any safety related, or other, laws or regulations. You are encouraged to alter them to fit the specific hazards of your club and to have your legal counsel review all of your plans and club's policies.

For bulletins on other safety topics see our website www.bollingerinsurance.com/newver/Golf/index.asp

Minimum Dimensions for the Diving Portion of Pools

(This drawing does not show the shallow portion of the pool)



Note: L_4 is a minimum dimension to allow sufficient length opposite the board. This may be lengthened to form the shallow portion of the pool.

Pool Type	Diving Equipment		Diving Area Minimum Dimensions								Minimum Width of Pool at:		
	Max Board Length	Maximum Board Height over Water	D ₁	D ₂	R	L ₁	L ₂	L ₃	L ₄	L ₅	Pt. A	Pt. B	Pt. C
VI	10'	26" (2/3 m)	7'-0"	8'-6"	5'-6"	2'-6"	8'-0"	10'-6"	7'-0"	28'-0"	16'-0"	18'-0"	18'-0"
VII	12'	30" (3/4 m)	7'-6"	9'-0"	6'-0"	3'-0"	9'-0"	12'-0"	4'-0"	28'-0"	18'-0"	20'-0"	20'-0"
VIII	16'	1 Meter	8'-6"	10'-0"	7'-0"	4'-0"	10'-0"	15'-0"	2'-0"	31'-0"	20'-0"	22'-0"	22'-0"
IX	16'	3 Meters	11'-0"	12'-0"	8'-6"	6'-0"	10'-6"	21'-0"	0	37'-6"	22'-0"	24'-0"	24'-0"

L_2 , L_3 , and L_4 combined represent the minimum distance from the tip of the board to the pool wall opposite the diving equipment.

For board heights exceeding 3 meters see Article 4.5.4 of ANSI/NSPI -1 1991.

Note: Diving board placement requires the following minimum distances from the board to the sides of the pool and between adjacent boards.

Deck Level Board to the Side Wall	8 feet
1-Meter Board to the Side Wall	10 feet
3-Meter Board to the Side Wall	11 feet
1-Meter or Deck Level Board to a 3-Meter Board	11 feet
1-Meter or Deck Level Board to another 1-Meter or Deck Level Board	8 feet
3-Meter Board to another 3-Meter Board	10 feet