



# ANSI/NSPI-5 2003 STANDARD FOR RESIDENTIAL INGROUND SWIMMING POOLS

## MINIMUM DIVING WATER ENVELOPE

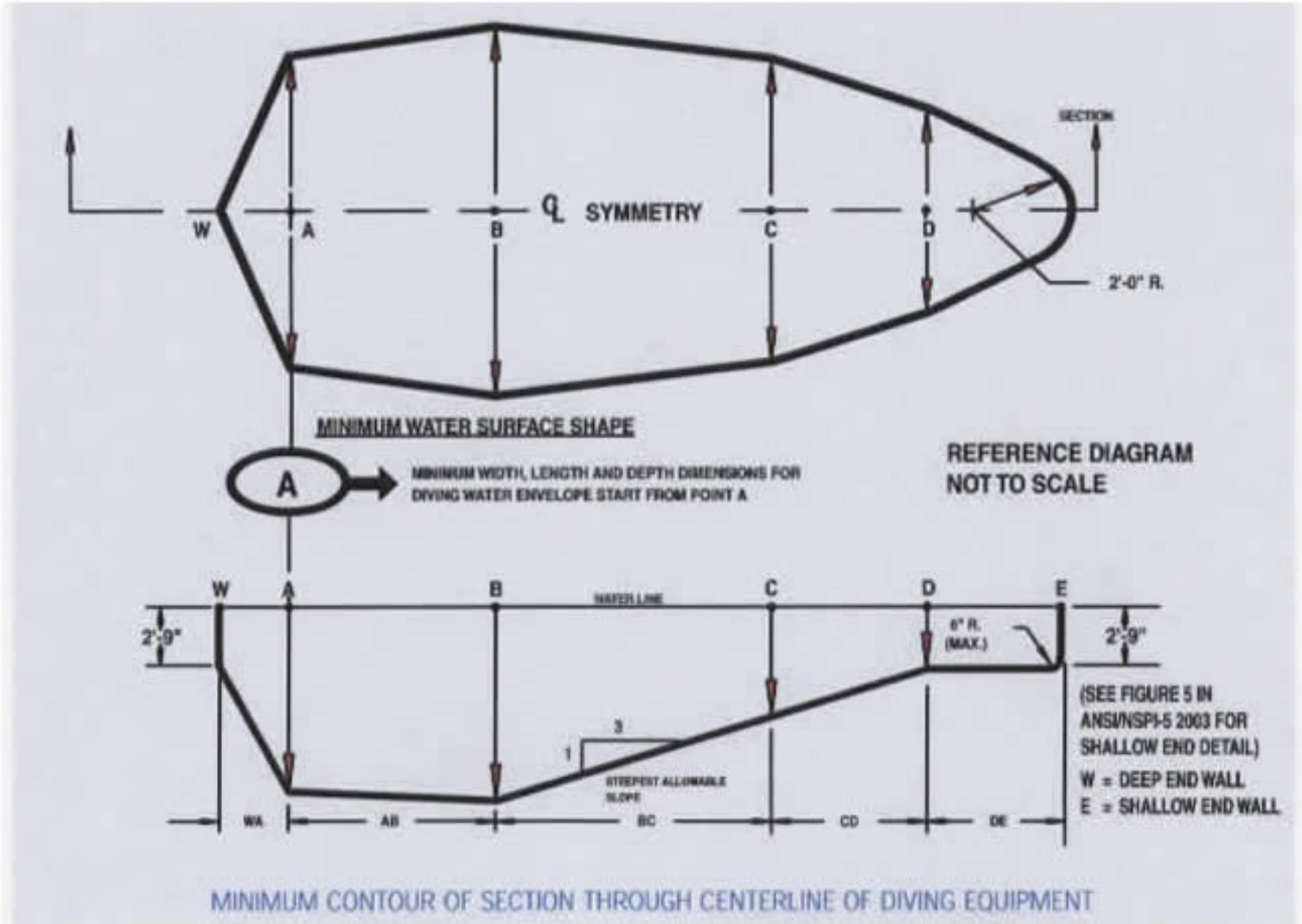


TABLE 1 – MINIMUM WATER ENVELOPE (ANSI/NSPI-5 2003)

POOL TYPE	MINIMUM DEPTHS AT POINT				MIN. WIDTH OF POOL AT POINT				MINIMUM LENGTHS BETWEEN POINTS				MINIMUM LENGTHS BETWEEN POINTS		
	A	B	C	D	A	B	C	D	WA	AB	BC	CD*	DE	WE	
0	<b>DIVING EQUIPMENT IS PROHIBITED</b>														
I	6'-0"	7'-6"	5'-0"	2'-9"	10'-0"	12'-0"	10'-0"	8'-0"	1'-6"	7'-0"	7'-6"	VARIABLES	6'-0"	28'-9"	
II	6'-0"	7'-6"	5'-0"	2'-9"	12'-0"	15'-0"	12'-0"	8'-0"	1'-6"	7'-0"	7'-6"	VARIABLES	6'-0"	28'-9"	
III	6'-10"	8'-0"	5'-0"	2'-9"	12'-0"	15'-0"	12'-0"	8'-0"	2'-0"	7'-6"	9'-0"	VARIABLES	6'-0"	31'-3"	
IV	7'-8"	8'-6"	5'-0"	2'-9"	15'-0"	18'-0"	15'-0"	9'-0"	2'-6"	8'-0"	10'-6"	VARIABLES	6'-0"	33'-9"	
V	8'-6"	9'-0"	5'-0"	2'-9"	15'-0"	18'-0"	15'-0"	9'-0"	3'-0"	9'-0"	12'-0"	VARIABLES	6'-0"	36'-9"	

**NOTES:**

- \*1. Minimum length between points CD may vary based upon water depth at point D and the slope between points C & D.
- 2. Figure 3 drawings are not to scale. (For pool types, see ANSI/NSPI-5 2003 Glossary)

58.