OAR 333-060-1000(5) Changes to Federal Regulation, Chapter 4.0

All references to part, subpart, sections, paragraphs and subparagraphs relate to the 2023 Model Aquatic Health Code.

Paragraph 4.5.4.5 references Table 4.5.4.5, Figure 4.5.4.5.1, and Figure 4.5.4.5.2

Table 4.5.4.5: Required Dimensions for Stair Treads and Risers

Dimensions	T-1 Standard	T-2	W-1	H-1
Minimum	10 inches *(25 cm)*	T-1	24 inches *(61.0 cm)*	6 inches *(15.2 cm)*
Maximum	18 inches *(45.7 cm)*	T-1	N/A	12 inches *(30.5 cm)*

Figure 4.5.4.5.1: Stair Treads and Risers: Side View

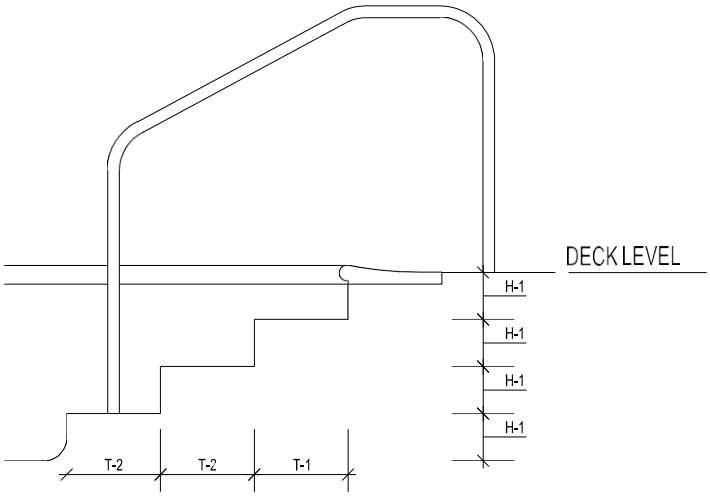
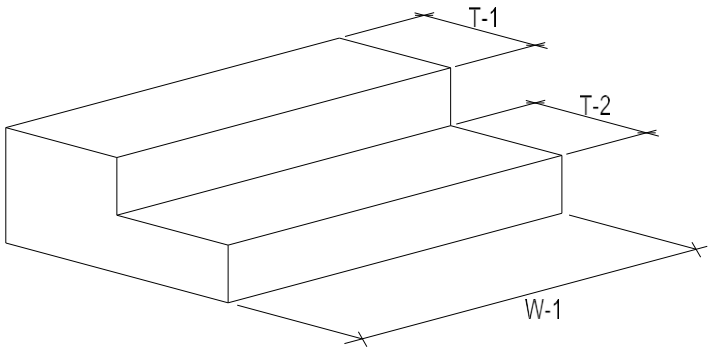


Figure 4.5.4.5.2: Stair Treads: Front View

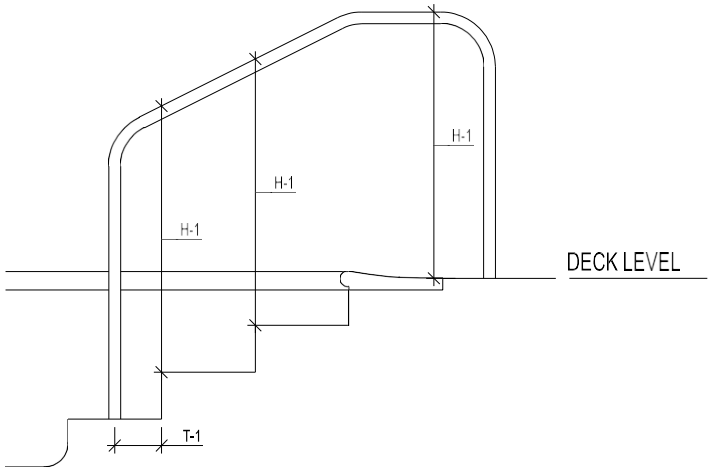


Paragraph 4.5.5.6 references Table 4.5.5.7 and Figure 4.5.5.7.1.

Table 4.5.5.7: Stair Handrail Dimensions

Dimensions	T-1	H-1
Minimum	3 inches *(7.6 cm)*	34 inches *(86.4 cm)*
Maximum	N/A	38 inches *(96.5 cm)*

Figure 4.5.5.7.1: Stair Handrails: Side View



Paragraph 4.5.7.4 references Table 4.5.7.4, Figure 4.5.7.4.1, and Figure 4.5.7.4.2.

Table 4.5.7.4: Recessed Step Dimensions

Dimensions	**H-1**	**H-2**	**W-1**	**D-1**	**D-2**
Minimum	6 inches *(15.2 cm)*	5 inches *(12.7 cm)*	12 inches *(30.5 cm)*	5 inches *(12.7 cm)*	N/A
Maximum	12 inches *(30.5 cm)*	N/A	N/A	N/A	2.5 inches *(6.5 cm)*

Figure 4.5.7.4.1: Recessed Step Dimensions: Side View

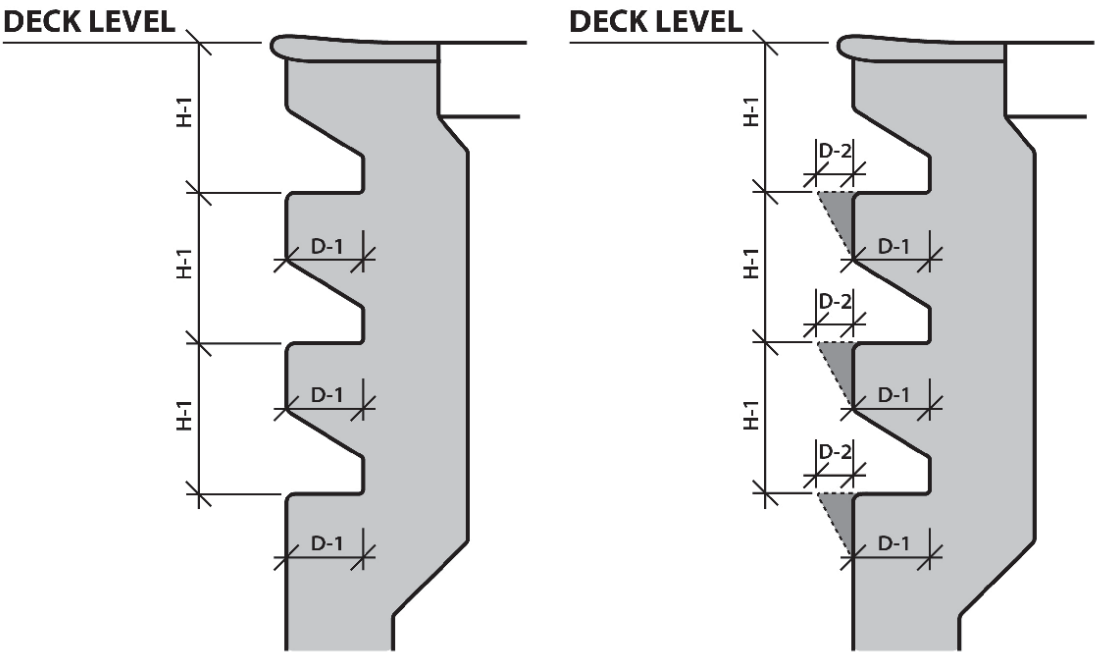
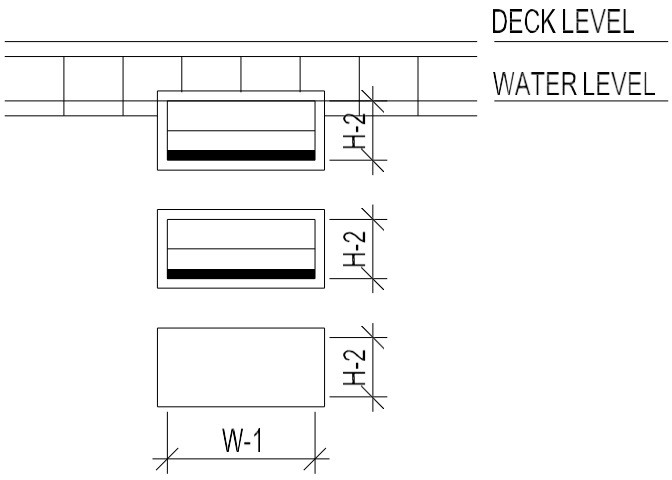
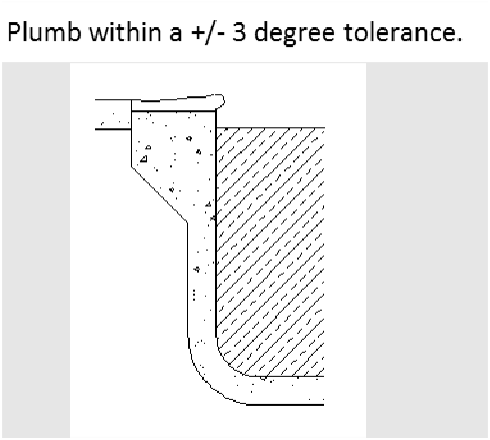


Figure 4.5.7.4.2: Recessed Step Dimensions: Front View



Paragraph 4.5.12.1 references Figure 4.5.12.1.

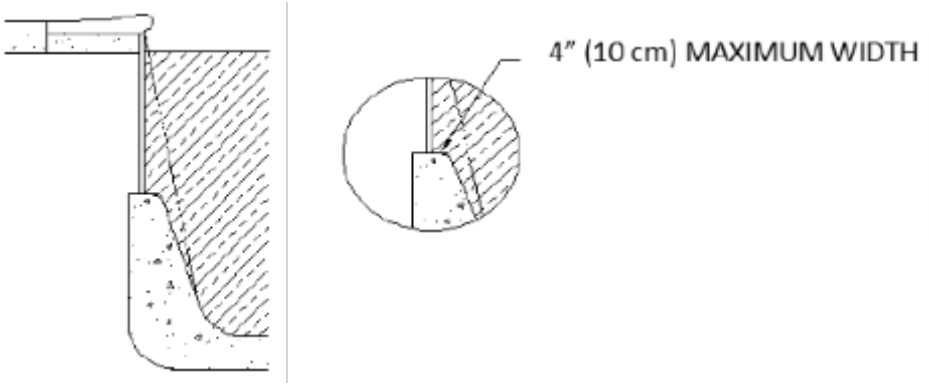
Figure 4.5.12.1: Plumb Pool Walls: Cross-Section



Paragraph 4.5.17.4 references Figure 4.5.17.4.

Figure 4.5.17.4: Structural Support Ledges

(A) Structural support ledge all within 1 in 5 slope. (B) Underwater ledge for support of upper wall.



Paragraph 4.7.1.10 references Table 4.7.1.10.

Table 4.7.1.10: Aquatic Venue Maximum Allowable Turnover Times

Type of Pools	Turnover Maximum
Activity Pools	2-6 hours or less
Diving Pools	8 hours or less
Interactive Water Play*	0.5 hours or less
Lazy River	2 hours or less-
Plunge Pools	1 hour or less
Runout Slide	1 hour or less

Wading Pools*	1 hour or less
Wave Pools	2 hours or less
All Other Pools	6 hours or less
Surf Pools	Submit engineering justification from equipment manufacturer

*Shall have secondary treatment

Aquatic Venue Maximum Allowable Turnover Times for Spa, Therapy*, & Exercise Pools

Temperatures	***Load***	***Turnover Maximum***
≤ 72º–93ºF (22º–34ºC)	> 2,500 gals/person (9.46 m^3)	4 hours or less
≤ 72º–93ºF (22º–34ºC)	> 450 gals/person (1.7 m^3)	2 hours or less
≤ 72º–93ºF (22º–34ºC)	≤ 450 gals/person (1.7 m^3)	1 hour or less
≥ 93°–104ºF (34º–40ºC)	All	0.5 hours or less

*Shall have secondary treatment

Subparagraph 4.8.1.3.1 references Table 4.8.1.3.

Table 4.8.1.3 Minimum Slopes for Drainage

Surface	**Minimum Slope**
Smooth finishes; such as tile, hand-finished concrete & lightly-broomed concrete	1/8 inch per foot *(3.2 mm/30.5 cm)*
Moderately textured finishes; such as exposed aggregate or medium-broomed concrete	1/4 inch per foot *(6.4 mm/30.5 cm)*
Heavily textured finishes; such as brick (where permitted)	3/8 inch per foot *(9.5 mm/30.5 cm)*

Subparagraph 4.8.2.1.2 references Table 4.8.2.2, Table 4.8.2.3, Figure 4.8.2.2.1 and Figure 4.8.2.2.2.

Table 4.8.2.2: Diving Board Height and Dimensions

Diving Board Height	1.64 ft. *(0.5 m)*	2.46 ft. *(0.75 m)*	3.28 ft. *(1.0 m)*	3.84 ft. *(3.0 m)*
Diving Board Length	10.0 ft. *(3.05 m)*	12.0 ft. *(3.66 m)*	16.0 ft. *(4.88 m)*	16.0 ft. *(4.88 m)*
Diving Board Width	20.0 in. *(50.8 cm)*	20.0 in. *(50.8 cm)*	20.0 in. *(50.8 cm)*	20.0 in. *(50.8 cm)*

Table 4.8.2.3: Minimum Dimensions of Components Related to Diving Wells By Diving Board Height

Note: Letters below refer to Figures 4.8.2.2.1 & 4.8.2.2.2

		Minimum Dimensions			
	Diving Board Height	0.5 Meter	0.75 Meter	1.0 Meter	3.0 Meter
A	**Distance from plummet back to pool wall**	3.0 ft. *(0.91 m)*	4.5 ft. *(1.37 m)*	6.0 ft. *(1.83 m)*	6.0 ft. *(1.83 m)*
B	**Distance from plummet to pool wall at side**	10.0 ft. *(3.05 m)*	10.0 ft. *(3.05 m)*	10.0 ft. *(3.05 m)*	11.5 ft. *(3.51 m)*
C	**Distance from plummet to adjacent plummet**	8.83 ft. *(2.69 m)*	8.83 ft. *(2.69 m)*	8.83 ft. *(2.69 m)*	8.54 ft. *(2.60 m)*
D	**Distance from plummet to pool wall ahead**	26.0 ft. *(7.92 m)*	27.83 ft. *(8.48 m)*	29.58 ft. *(9.02 m)*	33.67 ft. *(10.26 m)*
E	**Height, diving board to ceiling at plummet & distances F and G**	16.0 ft. *(4.88 m)*	16.0 ft. *(4.88 m)*	16.0 ft. *(4.88 m)*	16.0 ft. *(4.88 m)*
F	**Clear overhead distance behind and each side of plummet**	8.0 ft. *(2.34 m)*	8.0 ft. *(2.34 m)*	8.0 ft. *(2.34 m)*	8.0 ft. *(2.34 m)*
G	**Clear overhead distance ahead of plummet**	16.0 ft. *(4.88 m)*	16.0 ft. *(4.88 m)*	16.0 ft. *(4.88 m)*	16.0 ft. *(4.88 m)*
H	**Depth of water at plummet**	9.5 ft. *(2.90 m)*	10.75 ft. *(3.28 m)*	12.0 ft. *(3.66 m)*	12.5 ft. *(3.81 m)*
J	**Distance ahead of plummet to depth K**	12.0 ft. *(3.66 m)*	14.25 ft. *(4.34 m)*	16.5 ft. *(5.03 m)*	19.75 ft. *(6.02 m)*
K	**Depth at distance J ahead of plummet**	8.75 ft. *(2.67 m)*	10.0 ft. *(3.05 m)*	11.28 ft. *(3.44 m)*	12.17 ft. *(3.71 m)*
L	**Distance at each side of plummet to depth M**	8.0 ft. *(2.34 m)*	8.13 ft. *(2.48 m)*	8.25 ft. *(2.51 m)*	9.92 ft. *(3.02 m)*
M	**Depth at distance L on each side of plummet**	9.08 ft. *(2.77 m)*	10.33 ft. *(3.15 m)*	11.63 ft. *(3.54 m)*	12.17 ft. *(3.71 m)*
N	**Maximum slope to reduce height E**	30 °	30 °	30 °	30°
P	**Maximum floor slope to reduce depth ahead of K, to the sides of M, or back to pool wall behind H**	3: 1	3: 1	3: 1	3:1

Figure 4.8.2.2.1: Diving Platform Longitudinal Section: Side View

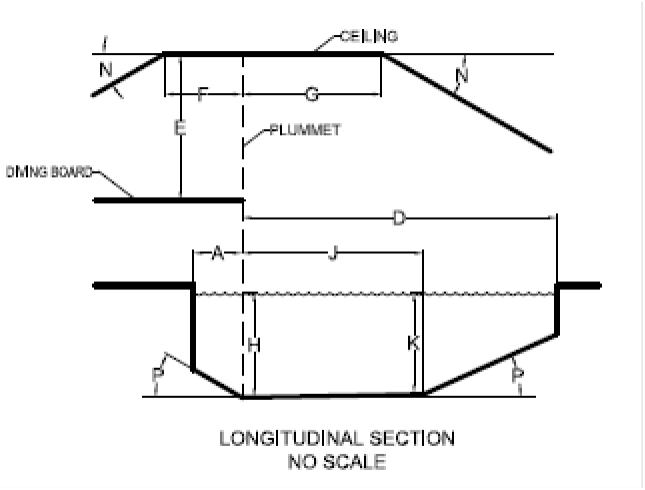


Figure 4.8.2.2.2: Diving Platform Cross Section: Front View

