

David Dammon

From: Brandon Comeaux [Brandon.Comeaux@LA.GOV]
Sent: Friday, April 28, 2017 1:50 PM
To: brian mistich
Cc: David Dammon; Alicia Martinez; John Williams (LDH-OPH)
Subject: RE: 2nd Request for Wax Museum Pool

Brian,

As requested please see below.

1. Comment #5, While LAC requires a continuous 4' deck including the coping and does not allow obstructions, such as the elevated pool perimeter, MAHC does. The elevated perimeter of the pool is approximately 17 inches from the adjacent deck. This distance is greater than what code would allow for steps for the deck or in the pool. Please provide steps for user access at the points of entry to the pool. LAC sections, LAC.51:XXIV.323.D, "Risers for steps for the deck shall be uniform and have a minimum height of 3 3/4 inches and a maximum height of 7 1/2 inches. The minimum tread depth shall be 10 inches." And for reference LAC.51:XXIV.327.A.2, "Risers at the centerline of the treads shall have a maximum uniform height of 12 inches, with the bottom riser height allowed to vary plus or minus 2 inches from the uniform riser height."
2. Comment #6, The pool is on a roof with one side next to the parapet wall. The second side has an approximate 4 ft drop to the sun deck below. As a safety concern a barrier was added between the sun deck and the pool to prevent users from falling over the edge. The additional concern is that users may use the barrier as a method to climb on the roof's parapet wall. While the LAC only describes barriers for class A and B pools it does state that there shall be no horizontal foot holds to discourage climbing. LDH recommends that either the sun deck be brought to the elevation of the rest of the pool deck to eliminate the need for the barrier or to use a barrier design that will discourage climbing. LAC.51:XXIV.705.A.1, "Class A or Class B public swimming pools shall be protected by a fence, wall, building, enclosure, or solid wall of durable material of which the pool itself may be constructed, or any combination thereof. Natural or artificial barriers shall be provided so as to afford no external handholds or footholds, be at least 4 feet in height, and be equipped with a self-closing and positive self-latching closure mechanism at a height of at least 45 inches above the ground and provided with hardware for locking."
3. Comment #15, LAC states code that if swimming pools are to be used at night that a minimum number of watts per square foot of deck to be provided. LAC.51:XXIV.715.A.2, "Where night swimming is permitted and underwater lighting is used, area pool lighting combined shall be provided at not less than 2 watts per square foot of deck area." Please be advised that this section of code should state that where underwater lighting is "not" used... Which is evident since there are lighting limits listed elsewhere for when under water lighting is in use.

Thank you for your patience

Brandon

From: brian mistich [mailto:brian.mist@yahoo.com]
Sent: Thursday, April 27, 2017 5:40 PM
To: Brandon Comeaux; Alicia Martinez; John Williams (LDH-OPH)
Cc: David Dammon
Subject: 2nd Request for Wax Museum Pool

Second Request for information concerning violations of the Louisiana State Sanitary

Mr. Comeaux,

Thank you for your prompt reply.

Would you please site the specific violations of the Louisiana State Sanitary Code for the three items of your concern.

Respectfully,

Brian A. Mistich, P.E.

See your email below.

David,

The following items remain.

1. Comment #5, Please have the Architect provide design justification for not having the pool coping flush with the deck. This arrangement creates an obstruction. In the justification please site applicable codes or design standards that were used in the design.
2. Comment # 6, Please clarify how the barrier between the pool and the sun deck will deter climbing and not have any horizontal hand holds or foot holds. Please clarify how a barrier of 2 ft will be sufficient height to prevent pool users from falling to the sun deck. Please have the architect provide clarification how the pool barrier will not allow pool users to climb up and over the pool barrier itself and the adjacent parapet wall. What provisions will be in place to prevent users from climbing over the parapet wall with the pool barrier in place.
3. Comment #15, Please provide the total number of lighting watts that will be in use for the pool deck area at night time.

Thank you