<table>
<thead>
<tr>
<th>Mod #</th>
<th>Proponent</th>
<th>Chapter</th>
<th>Section</th>
<th>Summary</th>
<th>No Affirmative Recommendation</th>
<th>Commission Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>7259</td>
<td>Michael Weinbaum</td>
<td>4</td>
<td>454.1.1.1</td>
<td>Sizing code revised</td>
<td></td>
<td></td>
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</tbody>
</table>

**Comment**

- [x] 1. Support comment. Comment sufficiently addresses the TAC’s concern(s).
- [ ] 2. Do Not Support comment. Comment does not address the TAC’s concern(s).
- [ ] 3. No comment is needed.
- [ ] 4. Straw Poll.

**Commission Action**

- [ ] AS
- [ ] AM
- [ ] W
- [ ] NAB
## SW7259

<table>
<thead>
<tr>
<th>Date Submitted</th>
<th>11/13/2018</th>
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<tbody>
<tr>
<td>Chapter</td>
<td>4</td>
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<td>Section</td>
<td>454.1.1.1</td>
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<tr>
<td>Proponent</td>
<td>Michael Weinbaum</td>
</tr>
<tr>
<td>Affected HVHZ</td>
<td>No</td>
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<tr>
<td>TAC Recommendation</td>
<td>No Affirmative Recommendation</td>
</tr>
<tr>
<td>Commission Action</td>
<td>Pending Review</td>
</tr>
<tr>
<td>Attachments</td>
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### Comments

<table>
<thead>
<tr>
<th>General Comments</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternate Language</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Related Modifications

| Summary of Modification | Sizing code revised |

### Rationale

Owners are struggling to comply with the existing code, giving unexpected and undesirable results.

### Fiscal Impact Statement

- **Impact to local entity relative to enforcement of code**
  - The code actually becomes simpler because the math will be the same regardless of pool classification.

- **Impact to building and property owners relative to cost of compliance with code**
  - Owners will have more and less expensive options to comply with the code.

- **Impact to industry relative to the cost of compliance with code**
  - No new products are required

- **Impact to small business relative to the cost of compliance with code**
  - New and remodeled facilities will have lower costs for adding pools

### Requirements

- **Has a reasonable and substantial connection with the health, safety, and welfare of the general public**
  - Overcrowded pools give an ugly image and can overwhelm pool sanitation systems

- **Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction**
  - This creates a stronger tie between the intended use of the pool and the required rate of cleaning the pool water.

- **Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities**
  - This eliminates a discrimination between pools vs. spas and IWFs

- **Does not degrade the effectiveness of the code**
  - Higher turnover rates are still encouraged where usage is expected to be high.
## Alternate Language

### 2nd Comment Period

<table>
<thead>
<tr>
<th>Proponent</th>
<th>Michael Weinbaum</th>
<th>Submitted</th>
<th>4/23/2019</th>
<th>Attachments</th>
<th>Yes</th>
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</table>

**Rationale**
The current code produces unexpected results. Owners are providing pools that are deeper than either they or the guests would like, or they are turning pools into spas. This alternate language only allows one bather per 20 sf, rather than 10 sf. An owner can only get down to 10 sf per bather by complying with the entire spa code.

**Fiscal Impact Statement**
- **Impact to local entity relative to enforcement of code**
  - No more complicated than current code
- **Impact to building and property owners relative to cost of compliance with code**
  - Costs for new or refurbished developments are the same or reduced.

- **Impact to industry relative to the cost of compliance with code**
  - No new equipment required

- **Impact to Small Business relative to the cost of compliance with code**
  - New and remodeled facilities will have lower costs for adding pools

**Requirements**
- **Has a reasonable and substantial connection with the health, safety, and welfare of the general public**
  - It is undesirable for a large hotel to be paired with a small pool, the crowding at the pool is not pleasant and could be dangerous.
- **Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction**
  - This incentivizes owners to take intermediate steps between a three hour turnover, which is too long in some cases, to a 30 minute turnover, which is too short in these cases
- **Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities**
  - Does not.
- **Does not degrade the effectiveness of the code**
  - Does not.

### 1st Comment Period History

<table>
<thead>
<tr>
<th>Proponent</th>
<th>Kari Hebrank</th>
<th>Submitted</th>
<th>2/13/2019</th>
<th>Attachments</th>
<th>No</th>
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**Comment:**
The Florida Swimming Pool Association SUPPORTS this proposed code modification.
The bathing load for conventional swimming pools, wading pools, interactive water features, water activity pools less than 24 inches (610 mm) deep and special purpose pools shall be computed either on the basis of one person per 5 gpm (0.32 L/s) of recirculation flow, or one person per each 20 square feet (0.9 m²) of surface area, whichever is less. The bathing load for spa type pools shall be based on one person per each 10 square feet (0.9 m²) of surface area. The filtration system for swimming pools shall be capable of meeting all other requirements of these rules while providing a flow rate of at least 4 gpm (0.06 L/s) for each living unit at transient facilities and 1 gpm (0.04 L/s) at nontransient facilities. The pools provided at a transient facility shall be able to accommodate one bather per five living units, while the bathing load at a non-transient facility shall be at least one bather per seven living units. Recreational vehicle sites, campsites and boat slips designated for live-aboards shall be considered a transient living unit. For properties with multiple pools, this requirement includes the cumulative total gpm bathing load of all swimming pools, excluding spas, wading pools and interactive water features. All other types of projects shall be sized according to the anticipated bathing load and proposed uses. For the purpose of determining minimum pool size only, the pool turnover period used cannot be less than 3 hours.
454.1.1.1 Sizing.

The bathing load for conventional swimming pools, spas, wading pools, interactive water features, water activity pools less than 24 inches (610 mm) deep and special purpose pools shall be computed either on the basis of one person per 5 gpm (0.32 L/s) of recirculation flow, or, the bathing load for spa-type pools shall be based on one person per each 10 square feet (0.9 m²) of surface area, whichever is less. The filtration system for swimming pools shall be capable of meeting all other requirements of these rules while providing a flow rate of at least 1 gpm (0.06 L/s) for each living unit at transient facilities and ½ gpm (0.04 L/s) at non transient facilities. The pools provided at a transient facility shall be able to accommodate one bather per five living units, while the bathing load at a non-transient facility shall be at least one bather per seven living units. Recreational vehicle sites, camp sites and boat slips designated for live-aboards shall be considered a transient living unit. For properties with multiple pools, this requirement includes the cumulative total gpm-bathing load of all swimming pools, excluding spas, wading pools and interactive water features. All other types of projects shall be sized according to the anticipated bathing load and proposed uses. For the purpose of determining minimum pool size only, the pool turnover period used cannot be less than 3 hours.