

## Section 12.2. Design and Construction

### 12.2.1. Existing Float Homes and Marinas

#### 12.2.1.1. Specific Upgrade Requirements

- 1) See Article 11.2.1.11. for *alterations* to existing *float homes* and *marinas*.

### 12.2.2. New Float Homes and Marinas

#### 12.2.2.1. Construction Requirements

- 1) A *marina walkway* shall be protected against fire spread and collapse in accordance with NFPA 303, “Fire Protection Standard for Marinas and Boatyards”. (See Note A-12.2.2.1.(1).)
- 2) A *float home* shall be designed and constructed in accordance with the British Columbia Float Home Standard. (See Note A-12.2.2.1.(2).)
- 3) In addition to this Part, the requirements of Parts 3 to 9 shall apply to the design and *construction* of any structure or installation forming part of a *marina*.
- 4) Except as required by Sentence (5), a *marina* shall have an *occupancy* classification of *Group F Division 3*.
- 5) Despite the provisions of Sentence (4), a *marina* equipped with a fueling station shall have an *occupancy* classification of *Group F Division 2*.

#### 12.2.2.2. Potable Water Supply for Marinas

- 1) The *potable* water connection at a *marina* shall be located not more than 300 m from any *water craft*.
- 2) Each moorage space for a *liveaboard vessel* or *float home* shall be provided with a *potable* water connection.
- 3) Where *potable* water is supplied to a dockside, watering point, or *water craft* connection, the *potable* water supply and each berth connection shall be protected with a *backflow preventer*.
- 4) A *marina* shall meet the requirements of Book II Plumbing Systems, regarding potable water supply.

#### 12.2.2.3. Sewer Discharge for Float Homes and Marinas

- 1) Each moorage space for a *liveaboard vessel* or *float home* shall be provided with a *sanitary sewer* connection.
- 2) *Sewage* shall be discharged into an *acceptable sanitary sewer*.
- 3) Every *owner* or operator of a *marina* shall provide an easily accessible pump-out connection for visiting vessels and non *liveaboard vessels*.
- 4) *Pump-out facilities* shall be discharged into the *sanitary sewer*, and shall be designed, operated, and maintained to prevent any discharge of *sewage* onto docks or into the adjacent water.
- 5) A *sewer* pipe shall be located beside or underneath the surface of any *marina walkway* and shall not be submerged below water.
- 6) A *marina* shall meet the requirements of Book II Plumbing Systems, regarding sewage discharge.

#### 12.2.2.4. Lighting for Marinas

- 1) All areas throughout a *marina* shall be illuminated to a minimum average level of 50 lx at the level of all *marina walkways*, at angles and intersections, and at changes of level where there are stairs or ramps.
- 2) The minimum value of the illumination required by Sentence (1) shall be not less than 10 lx.

#### 12.2.2.5. Marina Walkways and Ramps Serving Float Homes and Marinas

- 1) A floating *marina walkway* which provides access to the shore shall be at least 2 m wide.
- 2) A floating *marina walkway* which provides access to *water craft* shall be at least 750 mm wide.
- 3) An inclined *marina walkway* shall have a non-skid surface and handrails on both sides conforming to Article 9.8.7.4.

4) Life rings, assist poles, and ladders from docks into the water shall be provided at intervals not exceeding 30 m along the length of all *marina walkways*.

#### 12.2.2.6. Washroom Facilities for Marinas

- 1) Separate washroom facilities shall be
  - a) provided for each sex, and
  - b) located within a 300 m walking distance from any *watercraft* moored at the *marina*.
- 2) The washroom facilities in Sentence (1) shall consist of a minimum of one water closet and one hand basin for males and one water closet and one hand basin for females for each 100 moorage spaces or part thereof, except that
  - a) up to one half of the total number of water closets required for males may be substituted with urinals, and
  - b) a marina with less than 10 moorage spaces shall be provided with one universal washroom having one water closet and one wash basin.

#### 12.2.2.7. Shower Facilities for Marinas

- 1) A *marina* providing moorage space to *water craft* which are not *liveaboard vessels* or *float homes* shall provide separate shower facilities for each sex in accordance with Sentence (2).
- 2) A minimum of one shower for males and one shower for females shall be provided for each 100 moorage spaces or part thereof.

#### 12.2.2.8. Laundry Facilities for Marinas

- 1) Every *owner* or operator of a *marina* providing moorage space to *water craft* which are not *liveaboard vessels* or *float homes* shall provide a laundry room in accordance with Sentences (2) and (3).
- 2) Laundry facilities in a *marina* shall include a washing and drying machine.
- 3) Laundry facilities in a *marina* shall not be located in a washroom.