

**Table 20.1: Construction of Marinas**

ITEMS	REQUIREMENTS
<b>2. TERMINAL BUILDINGS</b>	<ul style="list-style-type: none"> <li>i. Where terminal building is a superstructure, it shall comply with <b>Table 20.1.1.</b></li> <li>ii. Where, terminal buildings are not superstructures, they shall comply with construction requirements as per <b>Chapter 1.</b></li> <li>iii. All terminal buildings shall be separated from other buildings as necessary to minimize the effects of fire exposure, giving consideration to the construction, protection, and separation distances of the respective buildings.</li> <li>iv. Outside storage of cargo shall not be within 6 m of the exterior of the building.</li> <li>v. Manufacturing, processing, repair, storage operations conducted on the premises of marine terminals shall be confined to separate buildings that are designed, constructed, and protected for that purpose in accordance with <b>Chapter 1</b> and <b>Chapter 9.</b></li> </ul>
<b>3. TERMINAL YARDS</b>	<p><b>1. YARD SURFACE</b></p> <ul style="list-style-type: none"> <li>i. Where yards are situated on piers and wharves, the entire construction shall comply with <b>Table 20.1.1.</b></li> <li>ii. Yards shall be paved or otherwise surfaced to permit all-weather operations of heavy equipment with appropriate marking of roadways, access lanes, parking, and storage areas.</li> <li>iii. Yard shall not allow growth of vegetation.</li> <li>iv. Yards shall be paved or otherwise surfaced to facilitate spill containment and recovery of spills.</li> <li>v. Private vehicle parking in marine terminals shall be permitted only in designated areas.</li> <li>vi. The entire property shall be surrounded by a fence or other means to prevent access by unauthorized persons.</li> <li>vii. Different categories of materials and cargo shall not be mixed and stored on terminal yard.</li> </ul>
<b>4. BERTHS</b>	<ul style="list-style-type: none"> <li>i. Where boats are berthed with the bow or the stern against piers, the piers shall be provided with separation between such berths measuring minimum of 5 m in width, after approximately a distance of 10 boats (approximately 30 m)</li> <li>ii. Each berth shall be arranged such that a boat occupying the berth can be removed in an emergency without the necessity of moving other boats.</li> <li>iii. Where the lay-up berth (vessels declared laid up, requiring restoration, repair or maintenance) is adjacent to a wharf, pier or other land-connected structure, it shall be free from exposure to potential fire and explosion hazards and provide ready access for fire-fighting equipment.</li> <li>iv. Access to all piers, floats, and wharves shall be provided for municipal fire-fighting equipment.</li> </ul>
<b>5. REPAIR WORKSHOPS</b> <b>6. WAREHOUSES</b> <b>7. ANCILLIARY BUILDINGS</b> <b>8. FUEL DISPENSING AREAS</b>	<ul style="list-style-type: none"> <li>i. Construction shall comply with relevant codes of <b>Chapter 1. Construction.</b></li> </ul>