

3. Construction of Marinas

3.1. Construction of marinas shall comply with **Table 20.1**.

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ITEMS	REQUIREMENTS
1. PIERS AND WHARVES	1. SUBSTRUCTURE CONSTRUCTION <ul style="list-style-type: none"> i. All new piers and wharves shall be reinforced concrete or equivalent construction. ii. Where all new piers and wharves constructed of steel and steel piles, shall be provided with fireproofing to provide a minimum of 2-hour fire resistance rating. iii. The existing non- concrete piers and wharves shall be upgraded to comply with Table 20.1.1.1.i. or Table 20.1.1.1.ii. by the end of year 2018. iv. Design, materials, and workmanship of pier and wharf construction shall conform to standards and construction practices that ensure a durable and safe structure that can withstand the forces of nature to which piers and wharves are likely to be exposed, including the deteriorating influences of the environment and the expected wear and tear of operation and use, so that a safe place is provided for all occupants. v. Concrete or steel portions of pier or wharf structures that are exposed to impact or abrasion by vessels and are subject to damage by floating debris, shall be protected by an open-fender system constructed of non-combustible material as per Chapter 1. vi. When used on the underside of the pier deck, vapor barriers, moisture shields, coatings or finishes shall conform to the definition of noncombustible or limited-combustible as defined in Chapter 1. vii. Pier aprons or platforms built along the sides or ends of the pier shall have the substructure and deck constructed using reinforced concrete or equivalent construction.
	2. SUPERSTRUCTURE CONSTRUCTION <ul style="list-style-type: none"> i. The type of material or combination of materials used in superstructure construction shall meet the general construction provisions of Chapter 1. ii. Exterior walls that are less than 9 m from other buildings or from property lines shall be constructed reinforced concrete or equivalent construction. iii. Exterior walls shall be provided with access to the building interior at intervals not exceeding 60 m for the use of fire fighters, guards and workers.

