

SECTION G LAND AREAS

G1. Vehicle Parking

- G1.1 Types of marina parking spaces
- single-vehicle space
 - recreational vehicle space
 - vehicle/trailer space
 - recreational vehicle/trailer space

G1.1.1 Accessible spaces shall be provided for all of the above types of parking spaces that are provided in a marina, including van accessible parking spaces. Not all types of parking spaces will necessarily be provided at a specific marina.



Single Vehicle Accessible Parking Spaces



Van Accessible Parking Space



Van Accessible Sign Inset

G1.2 Minimum Number of Single Vehicle Parking Spaces



G1.2.1 0.60 single vehicle parking spaces per recreational berth

G1.2.2 2.00 parking spaces per commercial fishing boat berth



G1.2.3 Accessible marina parking

G1.2.3.1 The parking levels shown in Table G-1 below are “minimum” requirements as set by federal and state guidelines. Higher levels of various types of accessible parking may be necessary to meet demonstrated local demands.

Table G-1 Minimum Number of Accessible Parking Spaces

Accessible Marina Parking		
Reference	Total Marina Parking	Minimum Required Accessible Spaces
ADA-ABA Section 208.2 ADAAG Section 4.1.2 (5) Title 24 Section 1129B	1 to 25	1
	26 to 50	2
	51 to 75	3
	76 to 100	4
	101 to 150	5
	151 to 200	6
	201 to 300	7
	301 to 400	8
	401 to 500	9
	501 to 1000	2 percent of total
	1,001 and over	20 plus 1 for each 100, or fraction thereof, over 1000

G1.2.3.2 The total minimum number of accessible parking spaces required need not necessarily be provided in a particular parking lot to which the table is applied. The accessible spaces for the particular parking lot may be provided in a different location if equivalent or greater accessibility is ensured in consideration of:

- distance from marina berthing facilities and other marina services;
- cost of construction, operation and maintenance; and
- overall convenience of the users.

G1.2.3.2.1 Marinas often have several parking lots around a marina basin. The flexibility to determine the best locations for accessible parking among various options can add to the quality of accessibility.

G1.2.3.3 ***One in every six (6), or fraction of six, accessible parking spaces, but not less than one (1), shall be designated “van accessible.” This applies to each type of parking provided.***



G1.3. Minimum Parking Space Dimensions

**Table G-2
Recommended Minimum Parking Space Dimensions**

Type of Parking Space	Width	Length
single-vehicle	9 ft	20 ft
recreational vehicle	11 ft	40 ft
vehicle/trailer	10 ft	40 ft
recreational vehicle/trailer	11 ft	55 ft

**Table G-3
Minimum Required Accessible Parking Space Dimensions
(Widths are Required)
(Lengths are Recommended)**

Type of Accessible Parking Space	Widths			Length
	<i>Parking Space</i>	<i>Access Aisle</i>	<i>Total Width</i>	
single-vehicle space	8 ft	5 ft	14 ft	20 ft
van accessible space	8 ft	8 ft	16 ft	20 ft

G1.3.1 As seen in the table above, the minimum width of the access aisle adjacent to all accessible parking spaces is 5 ft except for van spaces. All accessible van spaces must have access aisles at least 8 ft in width.

G1.3.1.1 An option to 8 ft wide access aisles adjacent to van accessible spaces is provided in ADA-ABA, now pending with the Department of Justice. If the parking space is 11 ft wide minimum, a 5 ft wide access aisle may be used.



G1.4 General Parking Space Design Criteria

G1.4.1 Location.

Marina parking areas should be located near the berths they serve. The proximity of parking to berths will usually be influenced by regulatory requirements and/or prohibitions, competition for land space from other waterfront users and activities, and site specific considerations.

G1.4.2 Finish Slopes.

Finish parking lot slopes should be not less than 2 percent in order to provide efficient drainage and prevent “bird baths” in low areas.

G1.4.2.1 **The slope of accessible parking spaces shall not exceed 2 percent (1:50) in any direction**, and should be as flat as possible while still providing reasonable drainage.

G1.4.3 Appearance and Layout.

Large visual expanses of paved areas should be avoided. Parking areas should be designed to incorporate islands with adequate radii at the ends of rows of parking, landscaping, curbs, drainage inlets, signs, restrooms and lighting. This will not only improve the appearance of a marina parking area, but will help meet typical regulatory agency permit requirements for various amenities.



G2. Restroom Facilities

G2.1 Restroom facilities at marinas and other recreational berthing facilities typically include toilet compartments, urinals, lavatories, mirrors, showers, interior/exterior lighting, drinking fountains, benches and walkways.



Marina Restroom Facility

G2.2 Restrooms may be provided for both men and women, or as local needs are identified, unisex toilet rooms may be provided in lieu of, or in combination with, conventional male/female restrooms.



G2.3 Restroom facilities must comply with all public health and safety requirements of local, state and federal agencies within whose jurisdictions such facilities are permitted, constructed, operated, maintained and managed.



Unisex Toilet Compartment Restroom

G2.4 The minimum number of toilet fixtures to be provided at a marina is generally one (1) toilet stool or urinal, and one (1) lavatory per sex for every 75 berths.



G2.5 Water closets provided in new construction, remodels, additions and replacements are to be ultra-low flush (ulf) fixtures with a maximum flow rate of 1.6 gallons per flush (gpf).



G2.6 Public restrooms in marinas should be designed, constructed and maintained to provide sanitary facilities that are clean, well lighted, safe and convenient for public use.



G2.7 Restroom buildings shall be barrier free.

G2.7.1 Where one or more toilet compartments are provided in a restroom building, including separate male and female facilities as well as unisex toilet rooms, **at least one of each type shall meet all applicable access requirements** for slopes; door openings; clear spaces; height, width and reach requirements; locks; water closets; urinals; water faucets; flush valves; partitions; toilet paper holders; grab bars; lavatories; mirrors; trash receptacles and signs.

G2.8 Restrooms in marinas should be located near the berths and parking areas, all of which must be linked together by accessible routes providing access to all marina features, services and primary functions.

G2.9 Access to and from restrooms should be provided so as to avoid to the maximum extent possible pedestrian traffic behind parked vehicles. This is of particular importance where small children are present. Also, a person in a wheelchair is not always readily visible in the rear view mirrors of parked vehicles including automobiles, trucks and recreational vehicles.

G3. Boat Launching Facilities

G3.1 Boat launching facilities typically consist of boat launching lanes, boarding floats, piles, vehicle-trailer maneuvering areas, roadways, parking areas, driveways, restrooms, walkways, landscaped areas and lighting.

G3.2 Boat launching facilities that are a component of a marina complex should be located so as to minimize conflicts in vehicle and boat traffic, as well as boater use patterns.



Boat Launching Facility Within Marina Basin



G3.3 Boat launching facilities should be designed and constructed in accordance with the Department of Boating and Waterways' technical publication titled Layout, Design and Construction Handbook for Small Craft Boat Launching Facilities. To obtain a copy, contact Boating and Waterways as indicated in the Introduction, page iv.

