

# BICYCLE PARKING REQUIREMENTS

## TRANSPORTATION PLANNING DIVISION

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The availability of parking is critical to encouraging bicycling and is a key element of Alameda’s bicycle facilities network. Bicycle parking is required by the [Alameda Municipal Code Section \(30-7.15\)](#) and by the City’s [Bicycle Facility Design Standards](#) (starting on pg. 37).

### When is bicycle parking required?

Bicycle parking is required for projects with new buildings, new units, conditional use permits, expansions of nonresidential buildings, or changes in use. The amount of bike parking spaces required depends on the proposed use of the site (e.g. Restaurant, Office, Hotel). Appendix B: Standards for Bicycle Parking Spaces in the Alameda Municipal Code (attached), provides a list of specific uses and the number of short and long term spaces required.

- **Short-term bike parking** is designed to be used for a few hours or less, such as by customers and visitors. It is usually provided as bike racks that are accessible to all.
- **Long-term bike parking** is designed to be used for a half day or longer, such as by employees. It is usually provided as secured lockers, or a cage or room.

### What information should I included in my submittal?

When submitting for a project, the following information is required:

- Site plans showing bicycle parking location, type (short/long), and clearance requirements
- A numeric table outlining the number of required and proposed short and long-term bicycle parking spaces.
- Manufacturer’s specifications for rack/locker type, including clearance requirements.

Sample Bike Parking Table		
Parking type	Required	Proposed
Short-term	xx	xx
Long-Term	xx	xx

### Short-Term Rack Design Requirements

Short-term bike racks must meet the requirements listed in the [Bicycle Facility Design Standards \(pg. 37\)](#).

- Support a bicycle in at least two places to prevent it from falling over.
- Allow the locking of the frame and at least one wheel with a U-lock.
- Be securely anchored to the ground by cast-in place or surface mounted methods (See Bicycle Facility Design Standards pg. 45)
- Resist cutting, rusting, bending, and deformation.
- Not include any protrusions that would prevent a bicycle from fitting snugly against the rack.

Examples of acceptable racks are shown below; other styles may be considered for approval by the city if they meet all of the criteria listed above. For a comprehensive list of rack vendors, see attached vendor list.



U-Rack



Loop Racks

### Long-Term Parking Design Requirements

Revised 6/17/2019

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Long-term bicycle parking may be provided in one of three ways (for more details for each, see the [Bicycle Facility Design Standards \(pg. 46\)](#)):

- 1) *Bicycle Lockers* – Fully-enclosed storage units which can be locked providing secure parking for one bicycle. Lockers must:
  - Complement the aesthetic character of the site.
  - Be shown on the site plan with the locker size and all manufacturer clearance requirements.
  
- 2) *Bicycle Cage* – Fully-enclosed and covered, storage area in which bicyclists lock their bikes to racks installed in the cage. Cage must:
  - Have installed racks that meet all the rack requirements listed in Short-Term Rack Design Requirements.
  - Be secured and offer access only to people locking their bikes.
  - Be shown on the site plan with rack type, location and all manufacturer clearance requirements.
  
- 3) *Bicycle Room* – Fully-enclosed storage room in which people lock their bikes to racks. A bicycle room can also feature amenities such as bike pumps and basic tools. A bike room must:
  - Have racks installed inside the room that meet all the rack requirements listed in *Short-Term Design Requirements*. Racks may also be wall-mounted.
  - Allow easy access by elevator or ramp to the ground level.
  - Be secured and only offer access to people locking their bikes.
  - Be shown on the site plan with rack type, location and all manufacturer requirements.



**Staff Contact Info:**

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## Appendix B: Standards for Bicycle Parking Spaces – Development and Redevelopment Projects

Land Use Category	Specific Use	Long Term	Short Term
Residential	Multi-unit with private garage	None	0.05 per bedroom (2 minimum)
	Multi-unit without private garage	0.5 per bedroom (1 per unit minimum)	0.05 per bedroom; 0.1 per bedroom if above 30 units (2 minimum if less than 4 units; 6 minimum if 4 or greater units)
	Hotel/motel	1 per 25 rooms (2 minimum)	2% of max. daily attendance (2 min.)
	Residential care facility	1 per 20 employees or 70,000 square feet (sf) floor area, whichever is greater (2 minimum)	1 per 25 rooms (2 minimum)
Institutions or places of assembly	Libraries, museums, art galleries	1 per 10 employees (2 minimum)	1 per 4,000 sf floor area (2 minimum)
	Churches, theaters, auditoriums, lodges and mortuaries	1 space per 40 fixed seats or 1 per 4,000 sf floor area, whichever is greater (2 min.)	1 space per 40 fixed seats or 1 per 2,000 sf floor area, whichever is greater (2 min.)
	Bowling alley	1 per 10 alleys (2 minimum)	1 per 2 alleys (2 minimum)
	Night clubs, dance halls	1 per 5,000 sf floor area (2 minimum)	1 per 5,000 sf floor area (2 minimum)
	Public buildings, municipal and education	1 per 10 employees and 1 per 5 students of planned capacity (2 minimum)	1 per 3,000 sf floor area or 1 per 20 students of planned capacity, whichever is greater (2 minimum)
	Child care facilities, including family day care	1 per 20 employees (2 minimum)	1 per 20 students of planned capacity (2 minimum)
	Skating rinks and swimming pools	1 per 5,000 sf water or skating area (2 minimum)	1 per 1,000 sf water or skating area (2 minimum)
Commercial or office uses	Marinas	1 per 5,000 sf (2 minimum)	2 spaces at each public entrance (2 min.)
	Retail, banks, minor repair services	1 per 10,000 sf floor area (2 minimum)	1 per 2,000 sf floor area (2 minimum)
	Restaurants	1 per 5,000 sf floor area (2 minimum)	1 per 1,500 sf floor area (2 minimum)
	Office	1 per 10,000 sf floor area (2 minimum)	1 per 2,500 sf floor area (2 minimum)
	Medical service	1 per 12,000 sf floor area (2 minimum)	1 per 2,500 sf floor area (2 minimum)
	Work/live studios	1 per 4 units (2 minimum)	1 per 20 units (6 minimum)
Manufacturing and industrial uses	Warehouse, storage	1 per 8,000 sf floor area (2 minimum)	2 spaces at each public entrance (2 min.)
	Manufacturing, major	1 per 8,000 sf floor area (2 minimum)	2 spaces at each public entrance (2 min.)
Off-street parking lots and garages open to general public		1 per 20 motor vehicle parking spaces (2 minimum)	Minimum 6 spaces or 1 per 20 motor vehicle parking spaces
Parks and recreation sites		To be determined on the basis of similar use for park type (2 minimum)	1 per 4,000 sf land area (2 minimum)
Park and Ride Lots		Minimum of 4 spaces or 1 space per 10 automobile spaces	Minimum of 6 spaces or 1 per 10 auto spaces.

**Bicycle Parking Rack and Locker Manufacturer & Vendor List**

*last updated 3/15/17*

Vendor Name	Address	Phone Number	Email	Website	Products
American Bicycle Security Company	P. O. Box 7359 Ventura, CA 93006	800-245-3723	<a href="mailto:turtle@ameribike.com">turtle@ameribike.com</a>	<a href="http://www.ameribike.com">http://www.ameribike.com</a>	racks, lockers
Bike Gard	PO Box 520 Rexburg, ID 83440	208-356-0744	<a href="mailto:sales@bikegard.net">sales@bikegard.net</a>	<a href="http://www.bikegard.net">www.bikegard.net</a>	lockers
CORA Bike Rack	Washington (state)	800-354-8624	<a href="mailto:info@cora.com">info@cora.com</a>	<a href="http://www.cora.com">http://www.cora.com</a>	racks, lockers, shelters
SCH Enterprises LLC	Portland, OR	800-644-8467	<a href="mailto:operations@schenterprisesllc.org">operations@schenterprisesllc.org</a>	<a href="http://www.schenterprisesllc.org">www.schenterprisesllc.org</a>	racks, lockers
Creative Metalworks LLC	P.O. Box 565 Dayton, OR 97114	888 - BIKE RAX	<a href="mailto:merrill@creativemetalworksllc.com">merrill@creativemetalworksllc.com</a>	<a href="http://www.creativemetalworksllc.com">www.creativemetalworksllc.com</a>	racks, shelters
Cycle Safe	947 Forest Hills Avenue, Suite C Grand Rapids, MI 49546	888-950-6531		<a href="http://www.cyclesafe.com">www.cyclesafe.com</a>	racks, lockers
DeroRacks, Inc.	1429 Washington Ave. South, Minneapolis, MN 55454	888-337- 6729; SF rep	<a href="mailto:dero@dero.com">dero@dero.com</a>	<a href="http://www.dero.com">www.dero.com</a>	racks, lockers, shelters
eLock Technologies LLC / BikeLink	800 Heinz Avenue, Studio 11 Berkeley, CA 94710	510-549-9258	<a href="mailto:info@elocktech.com">info@elocktech.com</a>	<a href="http://www.bikelink.org">http://www.bikelink.org</a>	lockers
Hannan Specialties / DuraLocker	4019 Leos Lane Unit #3 Carmichael, CA 95608	800-722-2453	<a href="mailto:hannansp@pacbell.net">hannansp@pacbell.net</a>	<a href="http://www.duralocker.com">www.duralocker.com</a> (no site for Hannan)	racks, lockers
Huntco	P.O. Box 10385 Portland, OR 97296-0385	503-224-8700	<a href="mailto:sales@huntco.com">sales@huntco.com</a>	<a href="http://www.huntco.com">www.huntco.com</a>	racks, lockers
MadRax	2700 Laura Lane Middleton, WI 53562	800-448-7931	<a href="mailto:sales@madrax.com">sales@madrax.com</a>	<a href="http://www.madrax.com">www.madrax.com</a>	racks, lockers
Park-a-Bike	2021 Arden Way Sacramento, CA 95825	800-481-8524	<a href="mailto:chris.dominguez@parkabike.com">chris.dominguez@parkabike.com</a>	<a href="http://www.parkabike.com">www.parkabike.com</a>	racks, lockers, shelters
Phoenix Iron Works	499 Embarcadero, Bldg 23 Oakland, CA 94606	510-229-0438	<a href="mailto:piw19012004@yahoo.com">piw19012004@yahoo.com</a>	n/a	racks
Saris Cycling Group	5253 Verona Road Madison, WI 53711	800-783-7257		<a href="http://www.sarisproducts.com">www.sarisproducts.com</a>	racks
Sportworks NW	15540 WoodRed Rd. NE, Bldg A-200 Woodinville, WA 98072	888-661-0555	<a href="mailto:salesandsupport@sportworks.com">salesandsupport@sportworks.com</a>	<a href="http://www.sportworks.com">www.sportworks.com</a>	racks, transit racks
The Palmer Group	1072 Folsom St. #328 San Francisco, CA 94103	888-764-2453	<a href="mailto:info@bikeparking.com">info@bikeparking.com</a>	<a href="http://www.bikeparking.com">www.bikeparking.com</a>	racks, lockers, cages

**NOTE:** Custom racks can be manufactured by metal working shops and artists. These racks must still comply with City of Alameda's Bicycle Facility Design Standards. (<https://www.alamedaca.gov/files/sharedassets/public/alameda/transportation/gailtrainingfiles/bikestandardsfinalcompiled.pdf>)

**The City of Alameda does not endorse or recommend any specific vendor. This list is provided for informational purposes only.**