
BUILDING & SAFETY DIVISION POLICIES & PROCEDURES

Policy No. BC-1 Storage Racks

Purpose:

This policy was put together to establish a uniform practice for plan review and permitting of storage racks.

Policy:

The following plan review and permitting guidelines shall be followed for storage racks.

1. Storage racks over 8 feet in height.

Permit is required:

Submittal requirements:

- Permit
- Site plan and rack layout plan.
- Rack layout for Fire/Life Safety and Disabled Access review
- Calculations and details for the storage rack design and the anchorage to the floor slab.

Note: CBC Chapter 22, Division X should be used in design of the racks for gravity loads; it may also be used for lateral design and anchorage of racks in lieu of CBC Section 1634, provided the seismic design forces are equal or greater than those of Section 1632.2 or 1634.2.

- The maximum-load plaque per CBC 2222.5 (plan review and field requirement)
- Sacramento Metropolitan Fire District approval required for racks over 8 feet in height. (916) 942-3300

2. Storage racks over 5'-9" and up to 8 feet in height.

Permit is required:

Submittal requirements:

- Permit.
- Site plan and the rack layout plan.
- Rack layout for Fire/Life Safety and Disabled Access review
- Calculations and details for the seismic anchorage of the racks to the floor slab only. See the note in 1 above.

3. Storage racks 5'-9" or less in height (anchored, non-moveable)

Permit is required:

Submittal requirements:

- Permit
- Rack layout for Fire/Life Safety and Disabled Access review
- No calculations

4. Moveable storage racks 5'-9" or less in height.

No permit is required:

Note: When a permit is required for storage racks, it will not be issued as a supplemental permit. This will afford the fire department the opportunity to review the storage rack submittals.

Cyrus Abhar
Chief Building Official, City of Rancho Cordova