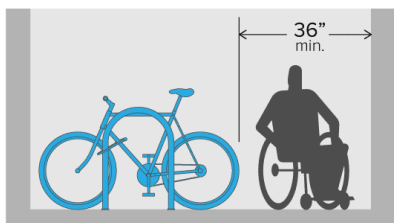


Ensuring Inclusivity:

The Intersection of **ADA** and **Bike Parking**

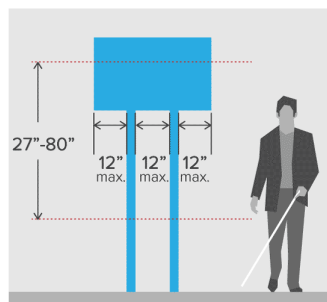
In the pursuit of creating accessible and inclusive environments, the Americans with Disabilities Act (ADA) sets comprehensive standards to ensure equal access for individuals with disabilities. While ADA compliance is commonly associated with buildings and facilities, it may also extend to various elements in both indoor and outdoor spaces, including bike parking racks.

While there are no guidelines describing bike parking specifically, most bike rack installations will need to comply with these three main requirements:



Clear Access Aisles:

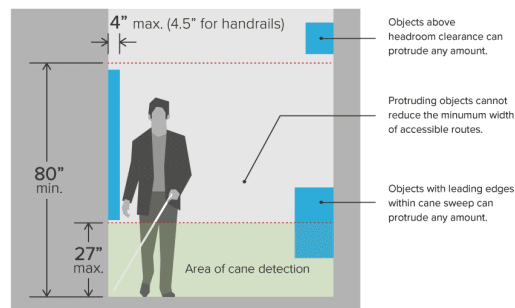
ADA standards emphasize the need for clear access aisles around parking spaces to facilitate easy transfer from mobility devices, such as wheelchairs, to other amenities. When installing bike parking racks, it is crucial to ensure that there is an unobstructed 36" wide path for individuals with disabilities to use and secure their bicycles, and to navigate around the bikes of others.



Source: United States Access Board

Post-Mounted Protrusions:

The physical design of most bike rack styles make them subject to the ADA specifications for post mounted protrusions, which must be detectable at or below cane sweep height (27 inches) to prevent collisions. If an object protrudes into the pathway between 27 and 80 inches above the ground, it must not extend more than 12 inches into the path.



Source: United States Access Board

Wall-Mounted Protrusions:

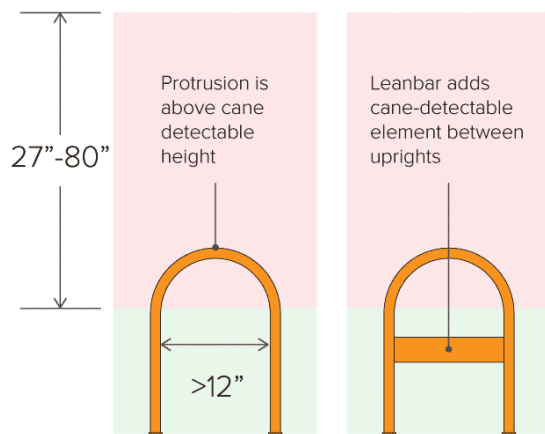
People with vision impairments often travel closely along walls which can provide wayfinding cues sometime called a "shoreline." Objects mounted on walls, partitions, columns, and other elements along circulation paths can pose hazards unless their projection is limited. The area of concern is above the cane sweep 27" and below minimum headroom clearance, 80" – a 53" vulnerability zone. Objects with leading edges that are within cane sweep or that provide minimum headroom clearance do not pose hazards and can protrude any amount. Otherwise, objects located in the vulnerability zone can protrude 4" maximum from the leading edge.



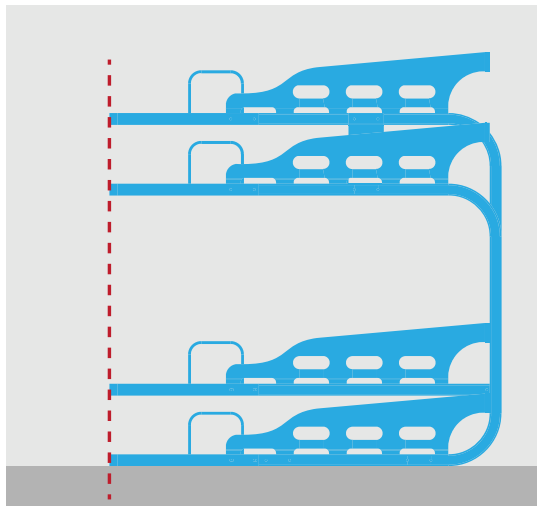
ADA and Dero Products

In order to contribute to the creation of a welcoming environment for individuals of all abilities, Dero provides options for our standard products that would not otherwise meet ADA standards.

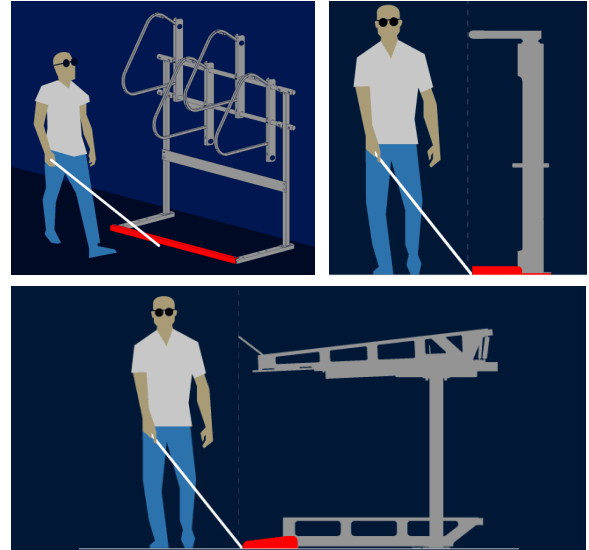
Hoop Racks – and other “staple” style bike racks, would not meet the standard without the addition of a **leanbar** because the top arc of the rack extends out more than 12” from each upright at a height between 27 and 80 inches. However, the addition of an optional leanbar creates a cane-detectable barrier within 27” of the ground.



Our **Dero Duplex**, a two-tiered bike rack with a protruding upper tray, **does NOT need additional attachments**, as the lower tray already provides a compliant, cane-detectable barrier.



For other products like the **Fixit, Dero Decker, and Ultra Space Saver**, which also incorporate protruding elements, Dero offers **cane-detectable attachments and rails** to be installed at their bases.



The specially designed handles on our **steel bike lockers** also **meet ADA standards**, as they **do not require any twisting of the wrist** to operate.

