

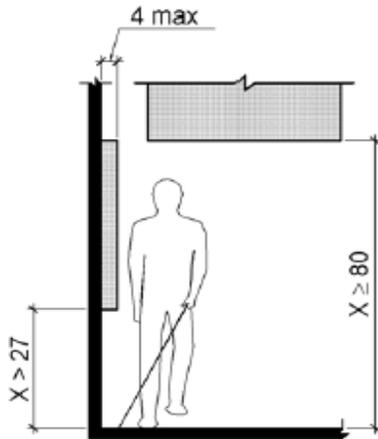
CITY OF HAWAIIAN GARDENS
 DEPARTMENT OF COMMUNITY DEVELOPMENT
 BUILDING AND SAFETY DIVISION
 21815 Pioneer Boulevard
 Hawaiian Gardens, Ca 90716
 (562) 420 2641

A-006

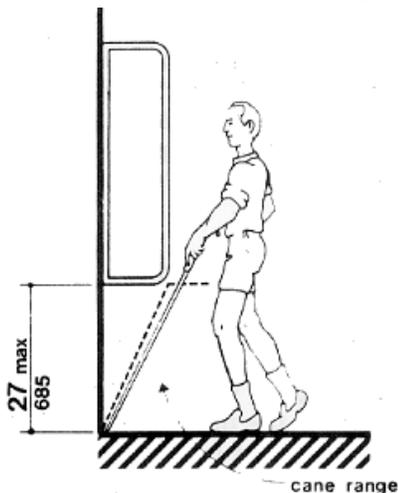
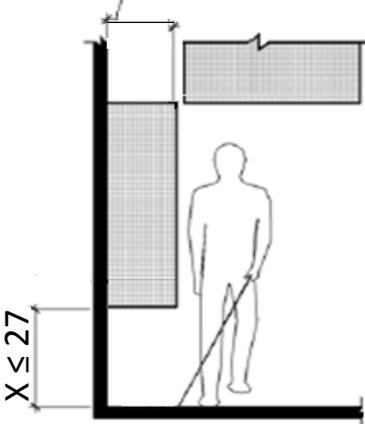
EFFECTIVE :
 1-05-2015

ACCESSIBILITY DETAILS FOR PROTRUDING OBJECTS AND REACH RANGES

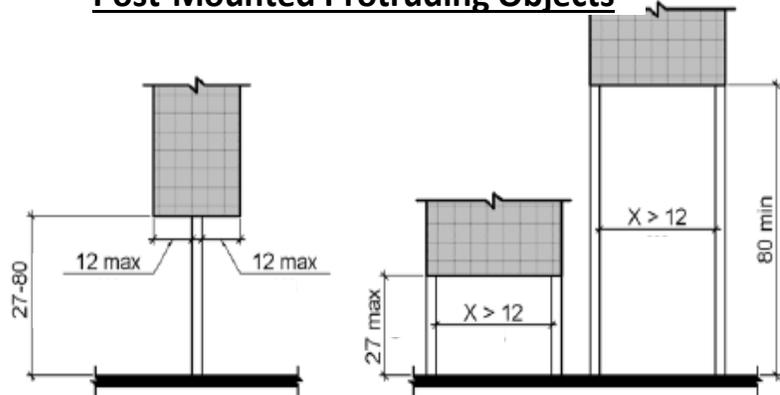
Limits of Protruding Objects



ANY



Post-Mounted Protruding Objects



11B-307.2 Protrusion limits. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor or ground shall protrude 4 inches maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches maximum.

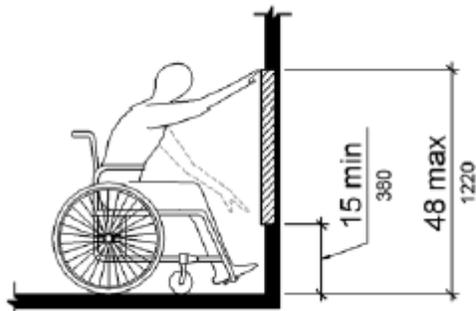
11B-307.3 Post-Mounted Objects. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches maximum when located 27 inches minimum and 80 inches maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches, the lowest edge of such sign or obstruction shall be 27 inches maximum or 80 inches minimum above the finish floor or ground.

EXCEPTION: The sloping portions of handrails serving stairs and ramps shall not be required to comply with 307.3.

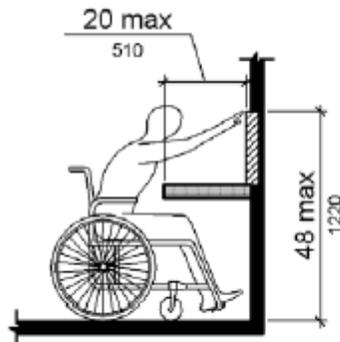
11B-307.4 Vertical Clearance. Vertical clearance shall be 80 inches high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches high. The leading edge of such guardrail or barrier shall be located 27 inches maximum above the finish floor or ground.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches minimum above the finish floor or ground.

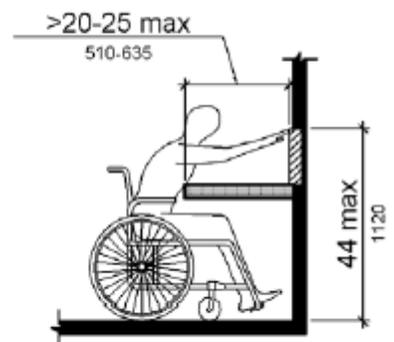
307.5 Required Clear Width. Protruding objects shall not reduce the clear width required for accessible routes.



Unobstructed Forward Reach



(a)



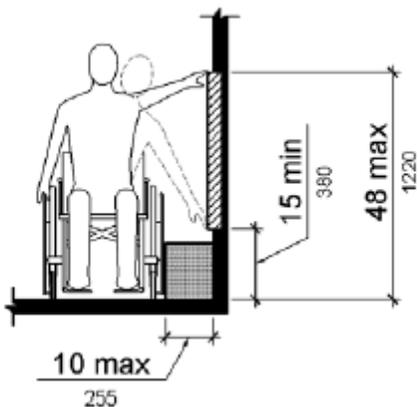
(b)

Obstructed High Forward Reach

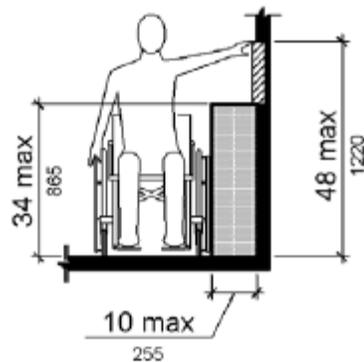
11B-308.2 Forward Reach.

11B-308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground.

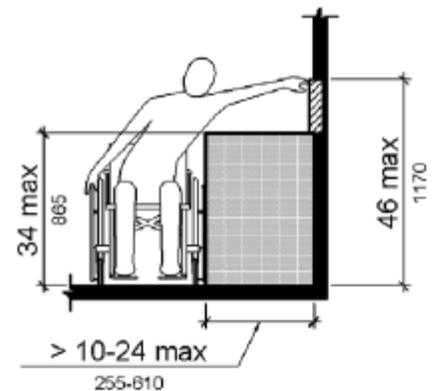
11B-308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches maximum where the reach depth is 20 inches maximum. Where the reach depth exceeds 20 inches, the high forward reach shall be 44 inches maximum and the reach depth shall be 25 inches maximum.



Unobstructed Side Reach



(a)



(b)

Obstructed High Side Reach

904.4.1 Parallel Approach. A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch minimum length of counter.

EXCEPTION: Where the provided counter surface is less than 36 inches long, the entire counter surface shall be 36 inches high maximum above the finish floor.

904.4.2 Forward Approach. A portion of the counter surface that is 30 inches long minimum and 36 inches high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.

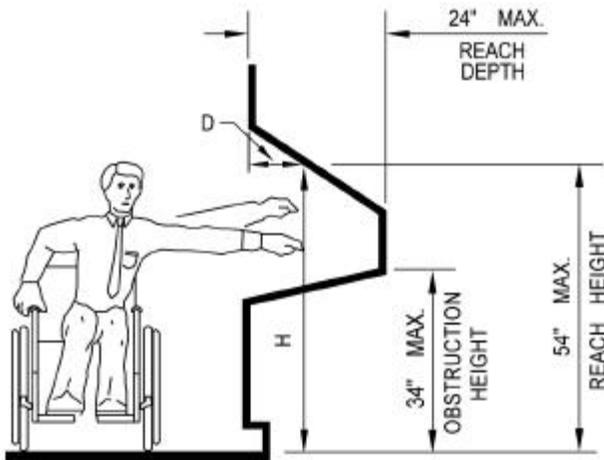
904.5 Food Service Lines. Counters in food service lines shall comply with 904.5.

904.5.1 Self-Service Shelves and Dispensing Devices. Self-service shelves and dispensing devices for tableware, dishware, condiments, food and beverages shall comply with 308.

904.5.2 Tray Slides. The tops of tray slides shall be 28 inches minimum and 34 inches maximum above the finish floor or ground.

305.7.1 Forward Approach. Alcoves shall be 36 inches wide minimum where the depth exceeds 24 inches.

305.7.2 Parallel Approach. Alcoves shall be 60 inches wide minimum where the depth exceeds 15 inches.



(d) ATM REACH RANGE LIMITS

CORRESPONDING REACH HEIGHTS FOR GIVEN DEPTHS :

WHEN D = 10" OR LESS,	H = 54" MAX.
WHEN D = 10",	H = 53.5" MAX.
WHEN D = 12",	H = 53.0" MAX.
WHEN D = 13",	H = 52.5" MAX.
WHEN D = 14",	H = 51.5" MAX.
WHEN D = 15",	H = 51.0" MAX.
WHEN D = 16",	H = 50.5" MAX.
WHEN D = 17",	H = 50.0" MAX.
WHEN D = 18",	H = 49.5" MAX.
WHEN D = 19",	H = 49.0" MAX.
WHEN D = 20",	H = 48.5" MAX.
WHEN D = 21",	H = 47.5" MAX.
WHEN D = 22",	H = 47.0" MAX.
WHEN D = 23",	H = 46.5" MAX.
WHEN D = 24",	H = 46.0" MAX.

THIS DIAGRAM ILLUSTRATES THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND IS INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION