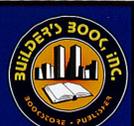




PARKING FACILITIES

Parking / Signage / Loading Zones / Sidewalks Based on 2013 CBC and 2010 ADA
CALIFORNIA ACCESSIBILITY Quick-Cards® A Unique Quick-Reference Guide

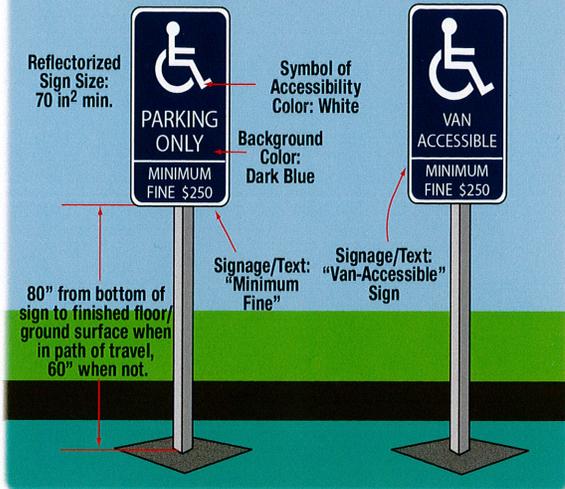
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SIGNAGE

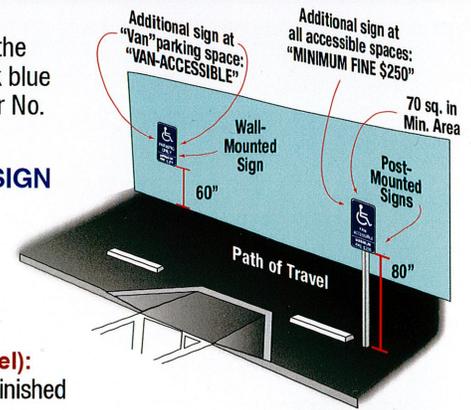
GENERAL SIGNAGE: Each parking space for persons with disabilities must be identified by a reflectorized sign permanently posted adjacent to and visible from each parking space, consisting of the International Symbol of Accessibility: a profile view of a wheelchair with an occupant in white on dark blue background. The symbol must consist of a white figure on a blue background. The blue must be Color No. 15090 in Federal Standard 595B.

CALIFORNIA PARKING SIGNS



PARKING SPACE IDENTIFICATION SIGN

- Sign Size:** 70 sq. in. min. area
- Sign Finish:** Reflectorized
- Height of Sign (when in path of travel):** 80" min. from the bottom of the sign to the finished floor or ground surface.
- Height of Sign (when not in path of travel):** 60" min. from the bottom of the sign to the finished floor or ground surface.
- Location:** Signs must be permanently posted either immediately adjacent to the parking space or within the projected parking space width at the head end of the parking space.
- Visibility:** A parking space identification sign must be visible from each parking space. Signs identifying accessible parking spaces must not be obscured by a vehicle parked in the space.



MINIMUM FINE SIGN

Additional language or an additional sign below the International Symbol of Accessibility must state: "Minimum Fine \$250"

WALL-MOUNTED SIGNS

Instead of post-mounting, general signage may be centered on the wall at the interior end of the parking space.



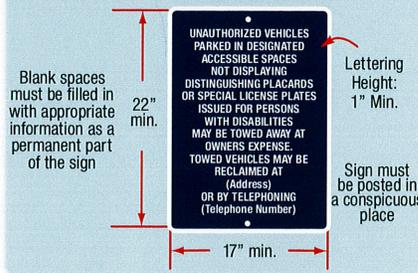
CA T24 11B-502.6; ADA 502.6

UNAUTHORIZED PARKING

Location: An additional sign must be posted either in a conspicuous place at each entrance to an off-street parking facility, OR immediately adjacent to on-site accessible parking and visible from each parking space.

Sign Size: Min. 17" wide x 22" high

CALIFORNIA TOW-AWAY SIGN



Sign Content:

"Unauthorized vehicles parked in designated accessible spaces not displaying distinguishing placards or special license plates issued for persons with disabilities will be towed away at owner's expense. Towed vehicles may be reclaimed at < PROVIDE ADDRESS > or by telephoning < PROVIDE PHONE NO. >"



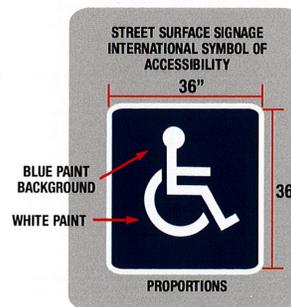
Insert appropriate information in the blank spaces as a permanent part of the sign.

PAVEMENT SURFACE IDENTIFICATION

Paving/Surface Identification: Each accessible car and van parking space must have a surface identification complying with either Option 1 or Option 2.

Option 1

The parking space must be marked with an International Symbol of Accessibility in white on a blue background a min. 36" wide x 36" high.

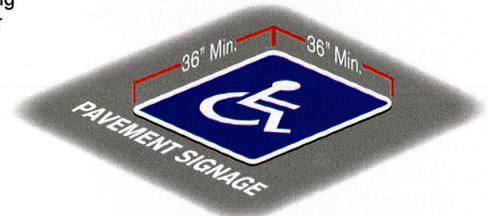


The centerline of the International Symbol of Accessibility must be a max. of 6" from the centerline of the parking space, its sides parallel to the length of the parking space and its lower corner at, or lower side aligned with, the end of the parking space length.

Option 2

The parking space must be outlined or painted blue and must be marked with an International Symbol of Accessibility a min. 36" wide x 36" high in white or a suitable contrasting color.

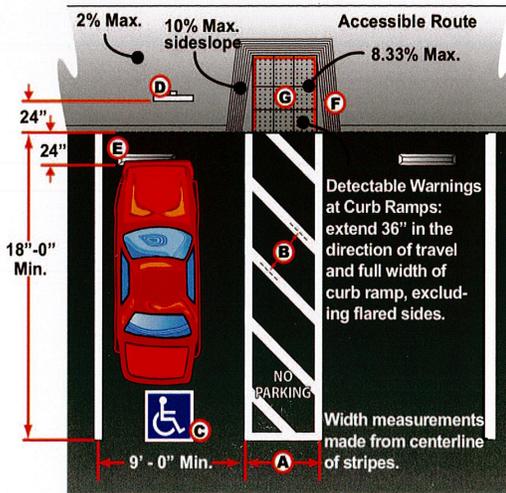
The centerline of the International Symbol of Accessibility must be a max. of 6" from the centerline of the parking space, its sides parallel to the length of the parking space and its lower corner at, or lower side aligned with, the end of the parking space.



CA T24 11B-502.6.4, 502.8; ADA 502.6.4, 502.8

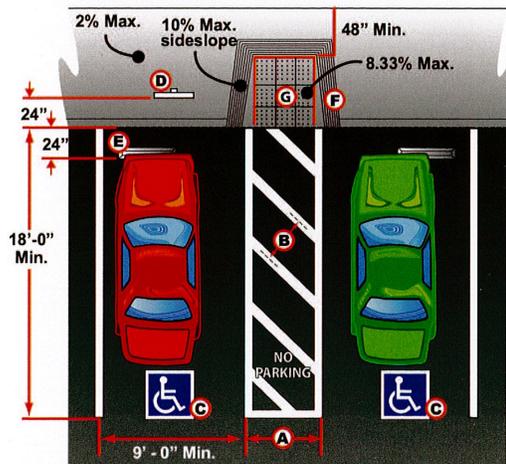
PARKING SPACES: NUMBER & ARRANGEMENT

SINGLE PARKING STALL



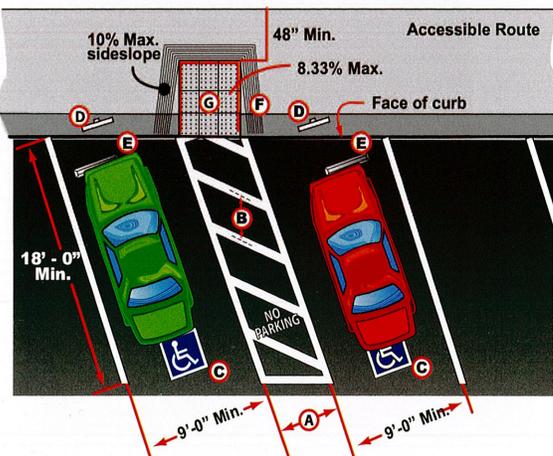
NOTE: Curb ramp required when walk is at different level than parking elevation.

DOUBLE PARKING



NOTE: Curb ramp required when walk is at different level than parking elevation.

DOUBLE-DIAGONAL PARKING



NOTE: Curb ramp required when walk is at different level than parking elevation.

- Each parking facility provided for the public as clients, guests, employees or residents must provide accessible parking.
- The required number of accessible parking spaces must comply with this table.
- Accessible parking spaces must be located on the shortest accessible route from parking to an accessible entrance.
- Parking spaces and access aisles must be designed so that cars and vans when parked, cannot obstruct the required clear width of adjacent accessible routes.
- The disabled must not be forced to travel behind parking spaces other than their own.
- Curb ramps are not permitted to project into access aisles and parking spaces.
- The maximum surface slope within accessible parking spaces must not exceed 2% (1:48) in any direction.
- A curb or wheel stop must be provided if required to prevent encroachment of vehicles over the required clear width of adjacent accessible routes.
- Parking spaces, access aisles and vehicular routes serving them must provide a vertical clearance of 98" min.

ACCESSIBLE SPACES REQUIRED	
Total Number of Parking Spaces Provided in Parking Facility	Minimum Number of Required Accessible Spaces
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 1,000	2% of total
1,001 and over	20 plus 1 for each 100 or fraction thereof over 1,001

Parking spaces complying with this section must be provided in accordance with this table except as required by Hospital Outpatient Facilities, Rehabilitation Facilities and Outpatient Physical Therapy Facilities.

Hospital Outpatient Facilities: 10% of patient and visitor parking must be accessible.

Rehabilitation Facilities and Outpatient Physical Therapy Facilities: 20% of patient and visitor parking must be accessible.

CA T24 11B-208.2, 502.4 - 502.7; ADA 208.2, 502.4 - 502.7

SINGLE PARKING SPACES

- Length of parking space: 18" Min.
- Parking space min. dimensions: 9' wide x 18' long.
- Access aisle min. dimensions: 5' wide x 18' long.
- Surface slope within accessible parking spaces: 2% (1:48) max. in any direction.
- The parking access aisles must adjoin accessible route.
- The loading and unloading Access Aisle must comply with the requirements under that heading.

CA T24 11B-502.2 - 502.3; ADA 502.2 - 502.3

DOUBLE & DIAGONAL PARKING SPACES

- Length of parking space: 18" Min.
- Parking space min. dimensions: 9' wide x 18' long.
- Access aisle min. dimensions: 5' wide x 18' long.
- Two spaces can be provided within a 23' wide area, lined to provide a 9' parking area on each side of a 5' loading access aisle. See Double and Double-Diagonal illustrations.
- Two parking spaces are permitted to share a common access aisle; the access aisle must be in the middle of the two accessible parking spaces.
- Surface slope within accessible parking spaces: 2% (1:48) max. in any direction.
- The parking access aisles must adjoin an accessible route.
- The loading and unloading Access Aisle must comply with the requirements under that heading.

NOTES FOR SINGLE, DOUBLE & DIAGONAL PARKING SPACES

A. Access Aisle 5' wide x 18' long
B. Access Aisle Border: Border painted around perimeter of access aisle in blue.
 Stripes Color: Preferably blue or white.
 Access Aisle Hatched Lines: 36" Max. on center blue or white.
 Words: "NO PARKING" must be painted in white letters a min. of 12" in height.

C. Surface Signage 36" x 36"
D. Parking Reflectorized Sign: 70 in² min.
E. Wheel stop
F. Curb Ramp
G. Detectable Warnings

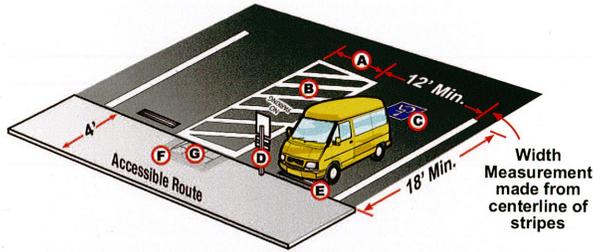


NOTE: Signage, Parking Spaces: Number & Arrangement, and Access Aisle requirements are applicable to Single, Double and Diagonal Parking Spaces.

CA T24 11B-502.1, 502.3; ADA 502.1, 502.3

VAN ACCESSIBLE PARKING SPACES

- Length of parking space: 18' Min.
- Parking space min. dimensions: 12' wide x 18' long; or 9' wide where access aisle is a min. of 8' wide.
- Access aisle min. dimensions: 5' wide x 18' long.
- Surface slope within accessible parking spaces: 2% (1:48) max. in any direction.



CA T24 11B-208.2.4, 502; ADA 208.4, 502

- The parking access aisles must adjoin an accessible route.
- The loading and unloading access aisle must comply with the requirements under that heading.
- Number of Van Accessible Spaces: For every 6 or fraction of 6 accessible parking spaces at least 1 must be a van accessible parking space.

NOTES FOR VAN PARKING SPACES

- A:** Access Aisle: 5' wide x 18' long
- B:** Access Aisle Border: Border painted around perimeter of access aisle in blue. Stripes Color: Preferably blue or white. Access Aisle Hatched Lines: 36" max. on center in blue or white.
- Words: "NO PARKING" must be painted in white letters a min. of 12" in height.

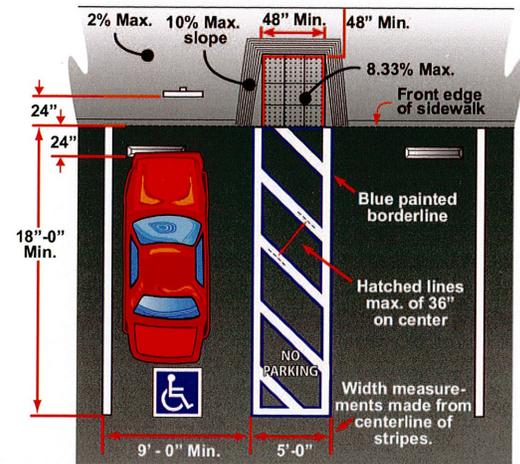


- C:** Surface Signage: 36" x 36"
- D:** Parking Reflectorized Sign: 70 in² min.
- E:** Wheel stop
- F:** Curb Ramp
- G:** Detectable Warnings

LOADING/UNLOADING ACCESS AISLE

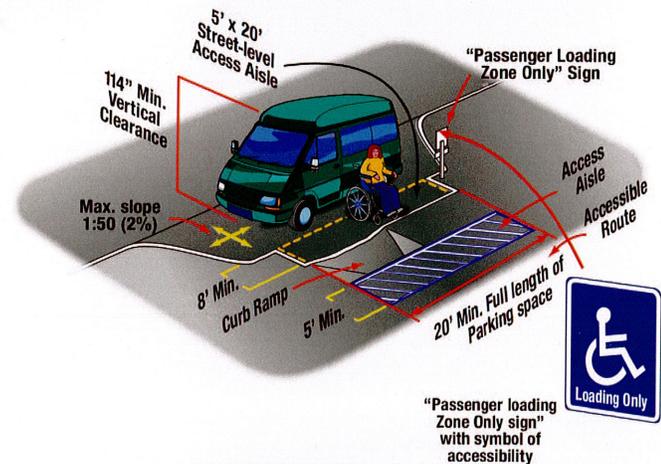
- Access aisle min. dimensions: 5' wide x full length of parking space.
- Access aisles must be marked with a blue painted borderline around their perimeter; markings may extend beyond the minimum required length.
- The area within the blue borderlines must be marked with hatched lines a max. of 36" on center in a color contrasting with that of the aisle surface, preferably blue or white.
- The words "NO PARKING" must be painted on the surface within each access aisle in white letters a min. of 12" in height and located to be visible from the adjacent vehicular way.
- Access aisles must be permitted to be placed on either side of the parking space except for van parking spaces which must have access aisles located on the passenger side of the parking spaces.
- Two parking spaces are permitted to share a common access aisle.
- Access aisles must not overlap the vehicular way.
- Access aisles must adjoin an accessible route.

CA T24 11B-502.3; ADA 502.3



PASSENGER DROP-OFF & LOADING ZONES

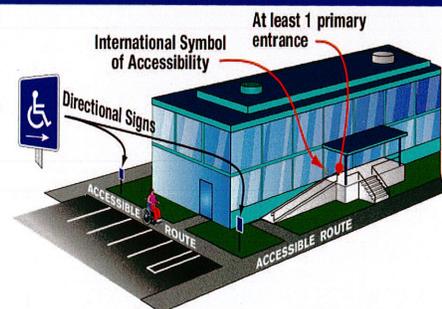
- Passenger drop-off and loading zones must provide a vehicular pull-up space.
- Vehicular pull-up space dimensions: 8' wide min. and 20' long min.
- Passenger drop-off and loading zones must provide access aisles; for access aisle requirements see requirements under Access Aisle heading.
- Access aisles must be adjacent and parallel to the vehicle pull-up space.
- Each accessible passenger drop-off and loading zone designated for persons with disabilities must be identified with a reflectorized sign complying with the requirements of this section.
- Sign must be permanently posted immediately adjacent to and visible from passenger loading zone.
- Sign must state: "Passenger Loading Zone Only" and include the International Symbol of Accessibility, in white on a dark blue background.
- The blue must be Color No. 15090 in Federal Standard 595B
- Parking spaces, access aisles and vehicular routes serving them must provide a vertical clearance of 98" min.



CA T24 11B-209.4, 503.2; ADA 209.4, 503.2

ACCESSIBLE ROUTE OF TRAVEL

- An accessible route is a continuous unobstructed path connecting accessible elements and spaces of an accessible site, building or facility that can be negotiated by a person with a disability using a wheelchair and that is also safe for and usable by persons with other disabilities.
- Interior accessible routes may include corridors, hallways, floors, ramps, elevators and lifts.
- Exterior accessible routes may include parking access aisles, curb ramps, crosswalks at vehicular ways, walks, ramps and lifts.



NOTE: Directional signs containing the International Symbol of Accessibility must be located at every primary public entrance and every major exterior junction with the exterior route of travel.

CA T24 Section 202, Definitions

WALKS AND WALKWAYS

CLEAR WIDTH – SIDEWALKS & WALKS

- Clear width for sidewalks and walks: 48" min.
- The clear width may be reduced to 36" when right-of-way restrictions, natural barriers or other existing conditions don't allow compliance with the 48" clear sidewalk width because it would create an unreasonable hardship.

SLOPE

- The running slope of sidewalks must not exceed the general grade established for the adjacent street or highway.

CONTINUOUS GRADIENT

- All walks with continuous gradients must have resting areas, 5' in length, at intervals of 400' max.
- The resting area must be at least as wide as the walk.
- The slope of the resting area in all directions must be 1:48 max.

OPENINGS

- Openings in floor or ground surfaces must not allow passage of a sphere more than 1/2" diameter.
- Elongated openings must be placed so that the long dimension is perpendicular to the dominant direction of travel.

Long dimension of gratings perpendicular to direction of travel



1/2 Max. opening

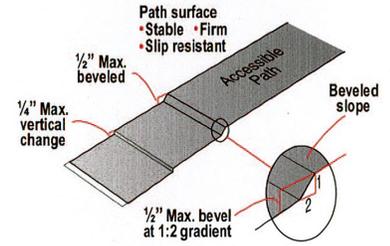
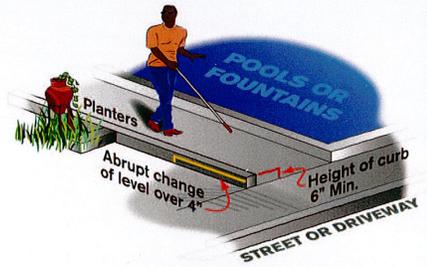
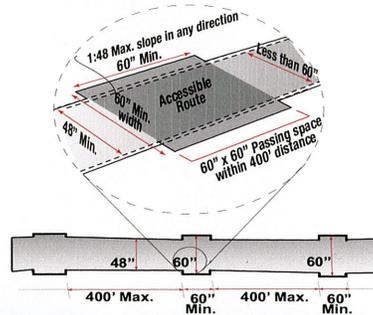


WARNING CURBS

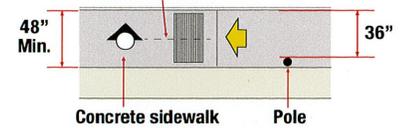
- Abrupt changes in level exceeding 4" in a vertical dimension between walks, sidewalks or other pedestrian ways and adjacent surfaces or features must be identified by warning curbs at least 6" in height above the walk or sidewalk surface.
- A warning curb is not required between a walk or sidewalk and an adjacent street or driveway.
- A warning curb is not required when a guard or handrail is provided with a guide rail centered 2" min. and 4" max. above the surface of the walk or sidewalk.

CHANGES IN LEVEL

- Changes in level of 1/4" high max. are permitted to be vertical and without edge treatment.
- Changes in level between 1/4" high min. and 1/2" high max. must be beveled with a slope not steeper than 1:2.
- Changes in level greater than 1/2" high must be ramped.



Long dimension perpendicular to route of travel



CA T24 11B-302.3-303, 403; ADA 302.3-303, 403

CURB RAMPS

CURB RAMPS - TYPE

- Curb ramps may be perpendicular, parallel or a combination of perpendicular and parallel.

LOCATION

- Curb ramps and the flared sides of curb ramps must be located so that they do not project into vehicular traffic lanes, parking spaces or parking access aisles.
- Curb ramps at marked crossings must be wholly contained within the markings, excluding any flared sides.

CURB WIDTH

- The clear width of curb ramp runs (excluding any flared sides), blended transitions, and turning spaces must be 48" min.

LANDINGS

- Landings must be provided at the tops of curb ramps and blended transitions.
- The landing clear length must be 48" min.
- The landing clear width must be at least as wide as the curb ramp, excluding any flared sides or the blended transition leading to the landing.
- The slope of the landing in all directions must be 1:48 max.

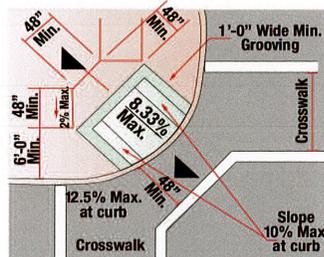
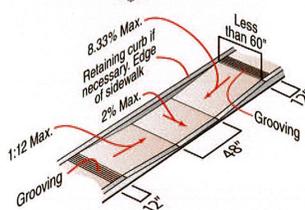
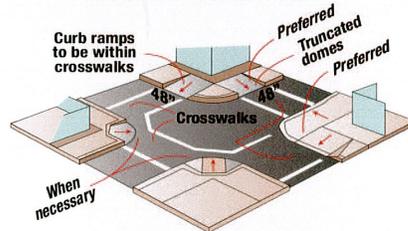
GROOVED BORDER

- Curb ramps must have a grooved border 12" wide along the top of the curb ramp at the level surface of the top landing and at the outside edges of the flared sides.

- The grooved border must consist of a series of grooves 1/4" wide x 1/4" inch deep, at 3/4" on center.
- At parallel curb ramps, the grooved border must be on the upper approach immediately adjacent to the curb ramp across the full width of the curb ramp.
- A grooved border is not required at blended transitions.

DETECTABLE WARNINGS

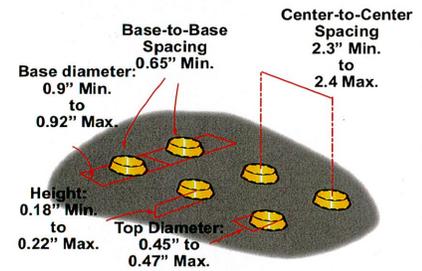
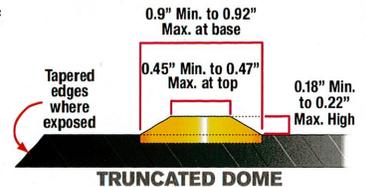
- Detectable warnings at curb ramps must extend 36" in the direction of travel and the full width of the ramp run excluding any flared sides.
- Detectable warnings must be located so the edge nearest the curb is 6" min. and 8" max. from the line at the face of the curb marking the transition between the curb and the gutter, street or highway.
- On parallel curb ramps, detectable warnings must be placed on the turning space at the flush transition between the street and sidewalk.



DETECTABLE WARNING SURFACES

TRUNCATED DOMES

- Detectable warnings must consist of a surface of truncated domes.
- Truncated domes in a detectable warning surface must have a base diameter of 0.9" min. and 0.92" max., a top diameter of 0.45" min. and 0.47" max. and a height of 0.18" min. and 0.22" max.
- Truncated domes in a detectable warning surface must have a center-to-center spacing of 2.3" min. and 2.4" max., and a base-to-base spacing of 0.65" min., measured between the most adjacent domes on a square grid.
- Where installed in a radial pattern, truncated domes must have a center-to-center spacing of 1.6" min. to 2.4" max.



CONTRAST

- Detectable warning surfaces must contrast visually with adjacent walking surfaces either light-on-dark, or dark-on-light.
- The material used to provide contrast must be an integral part of the surface.
- Contrast must be determined by:

Contrast = $\frac{B1-B2}{B1} \times 100$ percent where
 B1 = light reflectance value (LRV) of the lighter area and
 B2 = light reflectance value (LRV) of the darker area.

- Where the detectable warning surface does not adequately contrast with adjacent surfaces, a 1" wide black strip must separate yellow detectable warning from adjacent surfaces.

RESILIENCY

- Detectable warning surfaces must differ from adjoining surfaces in resiliency or sound-on-cane contact.

COLOR

- Detectable warning surfaces must be yellow conforming to FS 33538 of Federal Standard 595C.
- Detectable warning surfaces at curb ramps, islands or cut-through medians must not be required to comply with the color requirement.

CA T24 11B-406.1, 406.5, 705.1.2.2; ADA 406.1; 406.5

CA T24 11B-705; ADA 705



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ISBN - 10: 1889892300

ISBN - 13: 978 - 1 - 889892 - 30 - 6



U.S. \$7.95

9781889892306