b. (Women's) - 12" diameter circle 1/4" thick with 1/4' thick

c. (Unisex)-12" diameter circle 1/4" thick with 1/4' thick triangle superimposed within circle. 1115B.5 4.30.4

d. The characters and background of the sign is eggshell, matte, or other non-glare finish and the color and contrast of the sign distinctively contrasts with the color and contrast of the door. 1115B.5 4.30.5

WALL MOUNTED SIGNAGE

a. The international symbol of accessibility is installed on the wall 4.1.2(7)(d)

b. Verbal description as to restroom usage (i.e. Men's Restroom, etc.), is placed directly below the symbol of accessibility. 1117B.5.6.3

c. The characters and background of the sign is eggshell, matte, or other non-glare finish and the color and contrast of the sign distinctively contrasts with the color and contrast of the wall. 1117B.5.5 4.30.5

d. Signs are centered on the wall 60" from the floor. 1117B.5.9 4.30.6 e. Letters and numerals are raised 1/32", are sans-serif uppercase characters and are accompanied by Grade 2 Braille. Characters are minimum 5/8" high and a maximum of 2" high. 1117B.5.6.1 8.2

f. Mounting locations allows a person to approach within 3" of the signage without encountering protruding objects or standing within the swing of a door. 1117B.5.9 4.30.6

B. SINGLE ACCOMMODATION TOILETS (Fig. 2)

- 1. Except at doors, the minimum clear width of an accessible route in facılıty ıs 36". 1115B.7.2
- 2. Entry door has privacy latch (push button-lever release) 4.1.6(e)
- 3. Sufficient space for wheelchair measuring 30" x 48" to enter room
- 4. A clear space of sufficient size top inscribe a 60" diameter circle is provided within the sanitary facility room. 1115B.7.2 4.23.3
- 5. 60" space is clear of objects from the floor to a height of 27". 1115B.7.2 4.23.3
- 7. 48" min. clear space is provided in front of the water closet.
- 1115B.7.2
- 9. 28" minimum dear space is provided from the water closet to any fixture, or a minimum 32" wide clear space to the opposite wall. 1115B.7.2 4.17.3
- 10. Top of toilet seat is 17"-19" from floor surface. 1502.0 4.16.3
- 11. Flush valve is on wide side of toilet area. 1502.0 4.16.5
- 12. 44" max. from floor to flush valve. 1502.0 4.16.5
- 14. Walls within compartment are smooth, hard and non-absorbent to 48" in height, and are not adversely affected by moisture. I I I 5B.9.5
- 15. Floor surfaces of toilet room are smooth, hard and non-absorbent extending upward a minimum of 5" onto walls. I I I 5B.9.5
- front of the water closet. III5B.81 4.17.6
- 17. The forward end of the side grab bar is a located a minimum of 54" from the back wall. 4.17.6
- 18. Side grab bar begins a maximum of 12" from the rear wall. 4.17.6
- 19. Rear grab bar is a minimum 36" long. 1115B.8.1 4.17.6
- wall on the toilet side. 4.17.6
- 21. Diameter of grab bar(s) is 1-1/4" to 1-1/2". 1115B.8.2
- 22. Clearance between the grab bar(s) and wall is 1-1/2". 11 15B.87.2 4.26.2
- 23. Grab bars are mounted at 33" to center of bar above and parallel to floor. (For tank type toilets, 36" may be allowed if tank obstructs
- 24. Bars are smooth with a min. radius of 1/8". 1115B.8.4
- 26. Grab bars do not rotate within their fittings. 1115B.8.3.5 4.26.3(5)
- elements. 1115B.8.4 4.26.4
- 28. Toilet paper dispenser is located on the wall within 12" of the front edge of the toilet seat. 1115B.9.3
- 29. 19" minimum height from floor to centerline of toilet paper dispenser.(location below grab bar suggested) 4.16.6
- 30. Toilet paper dispenser allows continuous paper flow and does not control delivery. 1115B.9.3 4.16.6
- C. LAVATORIES (Fig.3, 4)
- 1. Min. 30" x 48" clear space is provided in front of lavatory that allows forward approach. 1115B.9.1.1 4.19.3
- 2. Required clear space adjoins or overlaps an accessible route and
- 3. Lavatories adjacent to a side wall have a min. 18" distance to
- 4. 34" max. height of rim or counter above floor surface. I 504. I

- 5. Knee clearance under front lip is a min. of 27" high, 30" wide, and extends a min. of 8" in depth from the front of the lavatory 1504.1 4.19.2
- 6. Toe clearance under lavatory is a min. of 9" high. 30" wide, and extends a min. of 17" in depth from the front of the lavatory 1504.1 4.19.4
- 7. Drain and hot water piping is insulated or configured to prevent contact. 1504.2 4.19.4
- 8. There are no sharp or abrasive elements under lavatory. I 504.2
- 9. Faucets are lever type, electronically activated or approved self

closing valves (Min. 10 seconds open flow). 1504.3 4.19.5

- 10. Faucets are operable with one hand and do not require tight grasping, pinching or twisting of the wrist. 1504.3 4.27.4
- 11. 5 lb. max. force required to activate controls. 1604.3

INTERPRETATIONS: Possibly the most common design and construction error regarding lavatory must be a min. of 2T high and extend back a min. of 8" from the front edge. Lavatory bowls with excessive depth oftentimes restrict this required clearance even when the top of the bowl is mounted at the max. allowed 34". This situation is of particular importance in Alterations, as many older model lavatories simply cannot provide for both max. mounting height and required knee clearance. It is also important to understand that the drain piping cannot encroach into the required knee clearance. The fact that an individual's knees may be able to slip past the piping on either side is of no consequence: the min. required clearances must be provided. To prevent possible problems, it is highly recommended that plan drawings specify lavatory models that provide a full 8" clearance from the front of the unit to any piping and additionally provides for a max. allowable bowl depth of 6 1/2". The required clearances between lavatories and sinks are different and should not be confused. Although California's accessibility guidelines do not presently contain specific guidelines for sinks, the ADAAG does. Lavatories require min. knee clr. of 30"(w) x 27"(h) x 8"(d); sinks require min. knee clearances that are min. of 30" wide by 27" high, however the depth of this clearance must maintain an absolute distance of 19" from the front of the sink. In addition, federal guidelines restrict each sink to a max. depth of 6-12" for applicable requirement.

D. ACCESSORIES IN SANITARY FACILITIES

- 1. Minimum 30" x 48" clear floor or ground space is provided to allow forward or parallel approach to Accessories. 1115B. 8.4.1 4.22.7
- 2. One full unobstructed side of the dear floor or ground spaces adjoins or overlaps an accessible route or adjoins wheelchair clr. fl. space. 1115B. 8.4.2.4.2.
- 3. Mirror(s) is mounted with the bottom edge on higher than 40" from the floor. 11158. 9. 1. 2 4.19.6
- 4. Operable parts (including coin slots) of all fixtures or accessories are located a maximum of 40" above floor (i.e., soap dispensers, towels toilet seat covers, autodryers, sanitary napkin dispensers, waste receptacles, etc.). I I I 5B.9.2 4.23.7
- 5. Controls and operating mechanisms are operable with one hand and do not require tight grasping, pinching, or twisting of the wrist. 1117B. 6.4 4.27.4
- 6. The force required to activate controls is 5 lb. max. 1 1 17B.6.4
- 7. Coat hooks and shelving are located within appropriate reach ranges (48" max. above floor recommended). III8B. 4.1 thru B.6 4.2.5
- 8. If medicine cabinets are provided, at least one has a usable shelf no higher than 44" above floor. 4. 23. 9

E. DINING, BANQUET AND BAR FACILITIES

- a. At least 5 %, but not less than one of the seating spaces in each functional area is accessible as follows (1104B.5.4 5.1):
- Min. 30" x 48" clear floor spaces is provided. I I 22B.3 b. One full-unobstructed side of the clear floor space adjoins or overlaps an accessible route or another wheelchair clear floor space.
- c. Knee space at tables is at least 27" H 30" W 19" D. I I 22B
- d. Height of tables between 28"-34" from the floor or ground. I I 22B.4 e. Access to accessible seating space(s) is provided by main aisles a
- min. of 36" in width. 1104B5.4 f. Equivalent services and decor are provided at accessible seating
- space as for the public. I 104B.5.4

- a. Counters that exceed 34" in height, where food or drink is served, have a minimum 60" long portion that has the following: 5.2
- b. Top counter is between 28"-34" above the finish floor. I I 22B.4
- c. Knee clearance a min. 27" high, 30" wide and 19" deep 1122B.3
- d. Clear floor space a min. of 30" x 48". I I 22B.3 4.2.4 e. Clear floor space adjoins an accessible route. I I 22B.3 4.2.4.2
- FOOD SERVICE LINES/ AISLES
- a. Minimum clear width of 36" is provided. (42" preferred). I 104B.5.5
- b. Tray slides are mounted a max. of 34" above floor. 1104B5.5 5.5

F. SITE ACCESSIBLE ROUTE OF TRAVEL

- a. At lease one accessible route within the boundary of the state is provided to an accessible building entrance from: Public transportation stops Accessible parking spaces
- Accessible passenger loading zones Public streets and sidewalks 1114B.1.2 4.3.2(1) ENTRANCE SIGNANGE

- a. At every primary public entrance and at every major junction along or leading to an accessible route of travel, there shall be a sign displaying the international symbol of accessibility. Signs shall indicate the direction to accessible building entrances and facilities and shall comply with the requirements: Accessible entrances and routes of travel have appropriate signage. 1127B.3 4.1.3(16)(b)
- G. ENTRANCES & EXITS, DOORS(Fig.5)
- I. All entrances and exterior ground-floor exit doors to buildings and facilities shall be made accessible to persons with disabilities. 1133B. I. I
- 2. Exit doors shall be operable from the inside without the use of a key or any special knowledge or effort. 1133B. 2. 2.1
- 3. Hand-activated door-opening hardware shall be centered between 30" and 44" above the floor. Latching and locking doors that are handactivated and which are in a path of travel shall be operable with a single effort by lever-type hardware, panic bars, push-pull

- activating bars, or other hardware designed to provide passage without requiring the ability to grasp the opening hardware. Locked exit doors shall operate as above in egress direction. I I 33B. 2. 2.4
- 4. Every required exit doorway shall be of a size as to permit the installation of a door not less than 36" in width and not less than 80" in height. When installed in exit doorways, exit doors shall be capable of opening at least 90 degrees and shall be so mounted that the clear width of the exit way is not less than 32". 1133B. 2. 3. 1
- 5. The floor or landing shall not be more than 1/2" lower then the threshold of the doorway. 1133B.2.4.1
- 6. The level area shall have a length in the direction of door swing of at least 60" and the length opposite the direction of door swing of 48" as measured at right angles to the plane of the door in its closed position. I 133B.2.4.2
- 7. The width of the level area on the side to which the door swing shall extend 24" past the strike edge of the door for exterior doors and 18" past the strike edge for interior doors. 1133B.2.4.3
- 8. Maximum effort to operate doors shall not exceed 8-1/2 pounds for interior doors, such pull or push effort being applied at right angles to hinged doors and at the center plane of sliding or folding doors. Compensating devices or automatic door operators may be meet the above standards. When fire doors are required, the max. Effort to operate the door may be increased to the min. allowable by the appropriate administrative authority, not to exceed 15 pounds. 1133B. 2.5.1
- 9. The bottom 10 Inches of all doors except automatic and sliding doors shall have a smooth, uninterrupted surface to allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition. 1133B.2.6. (DRP)

H. WALKS & SIDEWALKS

- 1. Walks and sidewalks shah have a continuous common surface not interrupted by steps or by abrupt changes in level exceeding 1/2", and shall be a minimum of 48" in width. 1023.1
- 2. When the slope in the direction of travel of any walk exceeds I vertical to 20 horizontal it shall comply with the provisions of Section 3307 as a pedestrian ramp. 1023.3
- 3. Walk and sidewalk surface cross slopes shall not exceed 1/4" per foot. 1023.1.3

I. ACCESSIBLE PARKING REQUIRED

- 1. Accessible parking spaces shall be located as near as practical to a primary entrance and shall be sized as follows in 1129B.4.1 through 1129B. 4.4.
- Where single spaces are provided, they shall be 14 feet wide and outlined to provide a 9-foot parking area and a 5-foot loading and unloading access aisle on the passenger side of the vehicle.
- 1. In every 8 accessible spaces, but not less than 1, shall be served by an access aisle 96 inches wide min. \$ shall be designated van accessible as required by 1129B.5
- 2. All such spaces may be grouped on I level of a parking structure. 1129B.4.2
- 1. The sign shall not be smaller than 70 square inches in area and, when in path of travel, shall be posted at a minimum height of 80 inches from the bottom of the sign to the parking space finished grade and shall be unobscured by a parked vehicle. TT29B.5
- 2. Signs may also be centered on the wall at the interior end of the parking space at a minimum height of 36 Inches from the parking space finished grade, ground or sidewalk. I I 29B.5
- 3. Spaces complying with 1129B.4.2 shall have an additional sign stating 'Van-Accessible' mounted below the symbol of accessibility.
- 4. The sign shall not be less than 17" x 22" in size with lettering not less than I -inch in height, which clearly and conspicuously states the following: 'Unauthorized vehicles parked in designated accessible spaces not displaying distinguishing placards or license plate issued for persons with disabilities may be towed away at owner's expense. Towed vehicles may be reclaimed at or by telephoning 1129B.5

J. ELECTRICAL

- 1. The center of electrical and communication system receptacle outlets shall be installed not less than 15" above the floor or working platform. 1117B.6.3
- 2. The center of the grip of the operating handle of controls or switches intended to be used by the occupant of the room or area to control lighting and receptacle outlets, appliances, or cooling, heating, and ventilating equipment shall not be more than 48" above the floor or working platform. CEC308.8(c)



REVISIONS: DATE CHK.BY

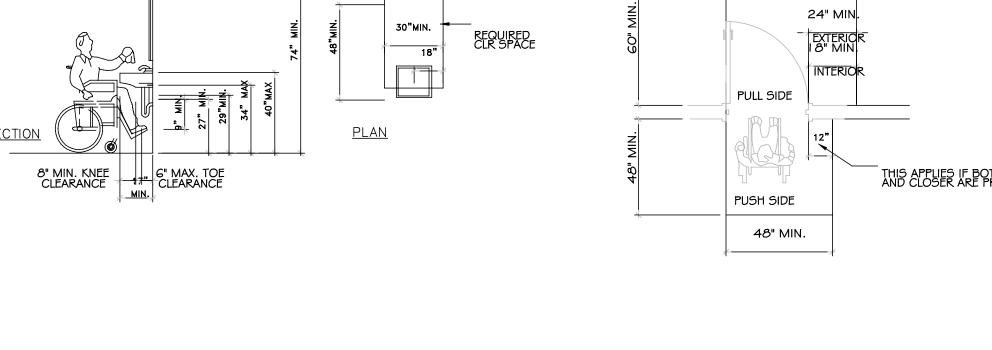
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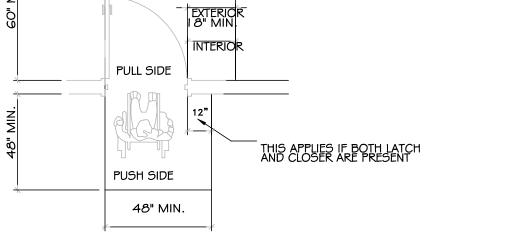
DATE PLOTTED: SCALE: 1/4" = 1'-0"

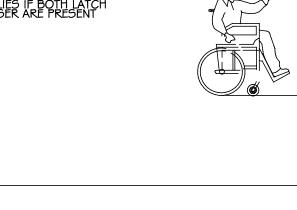
U11Ø3 SHEET NO.

T-1.1

OF - SHEETS







PROPORTIONS

INTERNATIONAL SYMBOL ACCESSIBILITY

ACCESSIBLE PARKING SIGN DETAIL

HANDICAPPED ONLY

VAN ACCESSIBLE

TO BE IDENTIFIED BY A PERMANENT, REFLECTORIZED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE SIGN IS TO BE EQUAL TO A PORCELAIN ON STEEL SIGN WITH BEADED TEXT: TO BE A MINIMUM SIZE OF 70 SQUARE INCHES; AND IS TO BE EITHER 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE SURFACE OF THE PARKING SPACE IF MOUNTED ON A POLE, OR 36 INCHES ABOVE THE SURFACE OF THE PARKING SPACE, FINISHED GRADE, GROUND OR SIDE-WALK, IF MOUNTED ON A WALL. THE SIGN IS TO BE CENTERED AT THE 'INTERIOR' END OF THE PARKING 2. THE SURFACE OF EACH PARKING SPACE FOR THE DISABLED IS REQUIRED TO HAVE A 3 FOOT SQUARE

I. EACH PARKING SPACE FOR THE DISABLED IS REQUIRED

DOOR HARDWARE

STENCILED IN BLUE PAINT. DISPLAY CONDITIONS: THE SYMBOL IS A WHITE FITURE ON A BLUE BACKGROUND (COLOR NO. 15090 IN FEDERAL

70 SQUARE INCH MIN.

PARKING SPACE PER

PAINTED METAL SIGN AT

TITLE 24 SECTION 2-7102(e)

WITH WHITE INTERNATIONAL

SYMBOL OF ACCESSIBILITY

I 1/2"Ø GALV. STEEL POST

IN CONCRETE FOOTING

MTL. COVER PLATE W/

- 3 SET SCREWS

FINISH GRADE

CONCRETE FOOTING

3"Ø X 12" GALV

- COMPACTED FILL

- PIPE SLEEVE FILL W/

EPOXY GROUT, TYP.

ON BLUE BACKGROUND.

STANDARD 595a)

INTERNATIONAL SYMBOL OF ACCESSIBILITY

(RECLAMATION SITE & TELEPHONE TO BE DETERMINED BY CONTRACTOR PRIOR TO INSTALLATION)

ACCESSIBLE PARKING 0'-8 3/4"

SHEET METAL SIGN WITH BAKED ENAMEL

I" MINIMUM HEIGHT LETTERS TO READ:

UNAUTHORIZED VEHICLES NOT DISPLAYING

DISABILITIES WHICH ARE FOUND PARKING

DISTINGUISHING PLACARDS OR LICENSE

IN DESIGNATED SPACES MAY BE TOWED

AT OWNER'S EXPENSES, TOWED VEHICLES

PLATES ISSUED FOR PERSONS WITH

BACKGROUND AND LETTERING - ANCHOR TO

/ I'-5"

PLACARDS OR LICENSE PLATES

ISSUED FOR PERSONS WITH DISABILITIES WHICH ARE FOUND

PARKING IN DESIGNATED SPACES MAY BE TOWED AT

VEHICLES MAY BE CLAIMED
AT ______ OR BY
TELEPHONING _____

EXISTING CMU WALL

MAY BE CLAIMED AT _

OR BY TELEPHONING

CURB RAMP PROVIDE WHEN WALK -IS DIFFERENT LEVEL THAN PARKING ELEVATION PARKING SIGN, TYP. CONC. WHEEL 4" WIDE PAINTED 4" WIDE WHITE STRIPE LINE PAINTED TYP. AT ALL BLUE LINE ORTHOGONAL AND (TYP.) FOR ANGLED PARKING H.C. ONLY STALLS

ACCESSIBILITY SYMBOL, EQ. EQ.

5'-0" MIN 8'-0" @ VAN 9'-0" MIN 9'-0" MIN

PREDOMINANT DIRECTION

ACCESSIBLE PARKING STRIPING

OF TRAFFIC

GRATINGS

GRATINGS AND ORIENTATION

1/2"

PERPENDICULAR TO ROUTE OF TRAVEL

GRATING ORIENTATION

LONG DIMENSION

FLARED SIDE FLARED SIDES

NOTE: IF X IS LESS THAN 4' THEN THE SLOPE OF THE FLARED SIDE SHALL NOT EXCEED 1:12.

SIDES OF CURB RAMPS

N.T.S.

RETURNED CURB

PLANTING OR

OTHER NON-

WALKING

SURFACE

a. (Men's) - Equilateral triangle 1/4" thick with edges 12" long and a

vertex pointing upward. 1115B.5 4.30.4

triangle superimposed within circle. 1115B.5 4.30.4

e. Signs are centered on the door 60" from the floor. 1115B.5

adjacent to the latch side of the door. The border dimension of this pictogram shall be a minimum of 6" height. | | 17B.5.1.1 \ \dagger.5.6.3

and permit the door to dose is provided. 1115B.7.2 4.17.3

6. No door encroaches into required 60" clear space. 1115B.7.2

8. 18" between center of water closet and side-wall comer. 1115B.7.2

13. 5 Lb. Max. force to operate flush valve 1502.0 4.27.4

16. Side grab bar is a minimum 42" long and extends 24" beyond the

20. Rear grab bar begins a maximum of 6" from the corner of the

27. Surface of wall adjacent to grab bar(s) is free of sharp or abrasive

extends a max. of 19" underneath the lavatory. 1115B.9.1.1 4.19.3

placement of bar). 1115B.8.14.17.6

25. Min. structural strength of grab bar(s) will support a 250 lb. point load. 1115B.8.3.1 thru .4 4.26.3

center of fixture. 1504.1

5. 29" min. clearance from bottom of apron to the floor. I 504. I