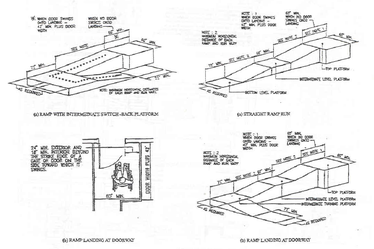
ACCESSIBILITY DETAILS FOR RAMPS, STAIRS & ELEVATORS



(c) RAMP WITH INTERMEDIATE SWITCH-BACK PLATFORM — (a) STRAIGHT RAMP RUN

(b) RAMP LANDING AT DOORWAY — (b) RAMP LOADING AT DOORWAY

FIGURE 11B -35 -RAMP LANDING AND DOORWAY — FIGURE 11B 36 -RAMP DIMENSIONS

As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities. For efficient handling of information internally and in the internet, conversion to this new format of code related and administrative information bulletins including MOD and RSA that were previously issued will also allow flexibility and timely distribution of information to the public.

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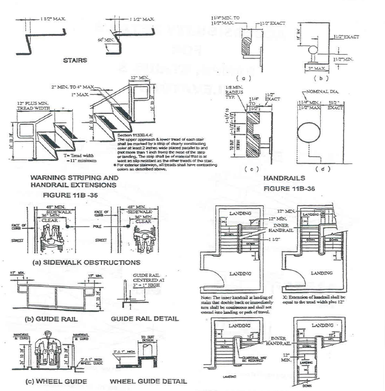
RAMPS & STAIRS

THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.



STAIRS

WARNING STRIPING AND HANDRAIL EXTENSIONS
FIGURE 11B -36

HANDRAILS
FIGURE 11B-36

(a) SIDEWALK OBSTRUCTIONS

(b) GUIDE RAIL — GUIDE RAIL DETAIL

(c) WHEEL GUIDE — WHEEL GUIDE DETAIL

RAMPS AND SIDEWALKS
FIGURE 11B -27

STAIR HANDRAILS
FIGURE 11B -37

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ELEVATOR

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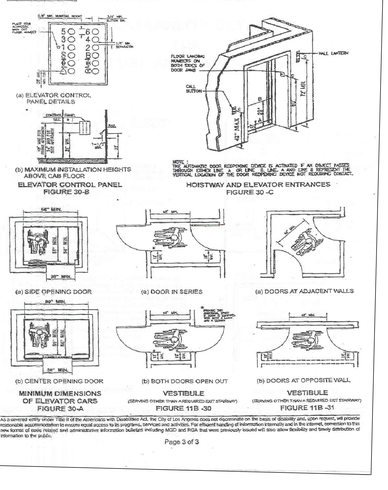

(a) ELEVATOR CONTROL PANEL DETAILS

(b) MAXIMUM INSTALLATION HEIGHTS ABOVE CAR FLOOR

ELEVATOR CONTROL PANEL
FIGURE 30-B

HOISTWAY AND ELEVATOR ENTRANCES
FIGURE 30 -C

(a) SIDE OPENING DOOR — (a) DOOR IN SERIES — (a) DOORS AT ADJACENT WALLS

(c) CENTER OPENING DOOR — (b) BOTH DOORS OPEN OUT — (b) DOORS AT OPPOSITE WALL

MINIMUM DIMENSIONS OF ELEVATOR CARS
FIGURE 30-A

VESTIBULE (SERVED BY OTHER THAN A REQUIRED EXIT STAIRWAY)
FIGURE 11B -30

VESTIBULE (SERVING A OTHER THAN A REQUIRED EXIT STAIRWAY)
FIGURE 11B -31

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ACCESSIBILITY DETAILS FOR TUBS AND SHOWERS

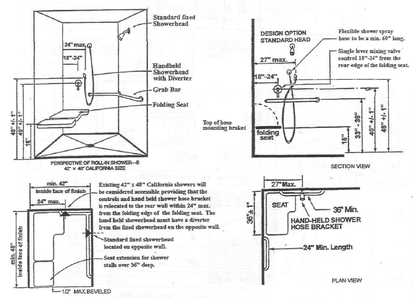

FIGURE 11B-28 -PLAN VIEW OF ROLL -IN SHOWER — FIGURE 11B-3C -OPEN SHOWER

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TUBS AND SHOWERS

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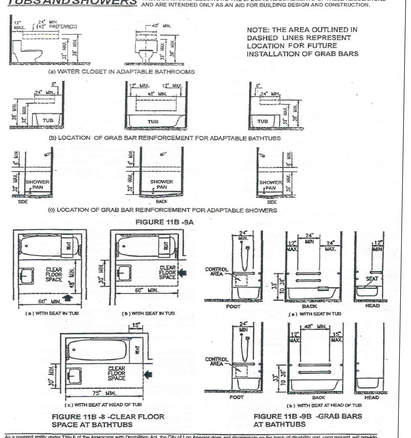

FIGURE 11B -8 -CLEAR FLOOR SPACE AT BATHTUBS — FIGURE 11B -9B -GRAB BARS AT BATHTUBS

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g. A visual and audible signal shall be provided at each hoistway entrance indicating to the prospective passenger the car answering the call and its direction of travel as follows: *(1110A.1.11, 1116B.1.14)*

i. The visual signal for each direction shall be a minimum of 2-1/2" high by 2-1/2" wide, and visible from the proximity of the hall call button.

ii. The audible signal shall sound once for the up direction and twice for the down direction of a configuration which distinguishes between up and down elevator travel.

iii. The center line of the fixture shall be located a minimum of 6' in height from the lobby floor.

h. The use of in-car lanterns, located in or on the car door jambs, visible from the proximity of the hall call button and conforming to Sections *1110A.11 or 1116B.1.14* will be acceptable. *(1110A.1.11, 1116B.1.14)*

i. The use of arrow shapes is preferred for visible signals. *(1110A.1.11, 1116B.1.14)*

j. Passenger elevator landing jambs on all elevator floors shall have the number of the floor on which the jamb is located designated by raised Arabic numerals which are a minimum of 2" in height and raised Braille symbols which conform to Section 1117B.5.6 located approximately 5' above the floor on the jamb panels on both sides of the door so that they are visible from within the elevator. Raised Braille symbols shall be placed directly to the left of the corresponding raised Arabic numerals. The raised characters shall be on a contrasting background. *(1110A.1.12, 1116B.1.15)*

k. Power-operated horizontally sliding car and hoistway doors opened and closed by automatic means shall be provided. (3003.4.3)

l. Doors closed by automatic means shall be provided with a door reopening device which will function to stop and reopen a car door and adjacent hoistway door in case the car door is obstructed while closing. This reopening device shall also be capable of sensing an object or person in the path of the closing door without requiring contact for activation at a normal 5" and 29" above the floor. Door reopening devices shall remain effective for a period of not less than 20 seconds. After such an interval the doors may close in accordance with the requirements of ANSI 17.1-85 of the American Society of Mechanical Engineers (ASME) document ASME 17.1-1990. *(1110A.1.4, 1116B.1.5 Fig 11B-40B)*

m. The minimum acceptable time from notification that a car is answering a call (lantern and audible signal) until the doors of the car start to close shall be calculated in accordance with *Sections 1110A.1.5 and1116B.1.6.* *(1110A.1.5, 1116B.1.6. Fig 11A-C)*

n. For cars with in-car lanterns, the total time, T, as calculated in accordance with Section *1116B.1.6*, begins when the lantern is visible from the vicinity of hall call buttons and an audible signal is sounded. *(1110A.1.5, 1116B.1.6, Fig 11A-C)*

o. The minimum acceptable time for doors to remain fully open shall not be less than 5 seconds. (1110A.1.6, 1116B.1.7)

p. The elevator shall be automatic and be provided with a self-leveling feature that will automatically bring the car to the floor landings with a tolerance of ± 1/2" under normal loading and unloading conditions. This self-leveling shall, within its zone, be entirely automatic and independent of the operating device and shall correct the overtravel or undertravel. The car shall also be maintained approximately level with the landing irrespective of load. The clearance between the car platform sill and the edge of the hoistway landing shall be no greater than 1-1/4". *(1110A.1.3, 1116B.1.2)*

EGRESS AND AREAS FOR EVACUATION ASSISTANCE

NOTE: Area of Evacuation Assistance is an accessible space which is protected from fire and smoke and which facilitates a delay in egress.

NOTE: Areas of Evacuation Assistance are not required in buildings or facilities having a supervised automatic sprinkler system. (1114B.2.1, Exc.1)

NOTE: In alterations of existing buildings, Areas of Evacuation Assistance are not required. (1114B.2.1, Exc.2)

1. In buildings or portions of buildings required to be accessible, accessible means of egress shall be provided in the same number as required for exits by Chapter 10. (1114B.2.1)

2. When an exit required by Chapter 10 is not accessible, an area for evacuation assistance shall be provided and shall adjoin an accessible route of travel. (1114B.2.1)

3. An area for evacuation assistance shall be one of the following: (1114B.2.2.1)

a. A portion of a stairway landing within a smoke-proof enclosure, complying with Section 1005.3.3. (1114B.2.2.1.1)

b. A portion of an exterior exit balcony located immediately adjacent to an exit stairway when the exterior exit balcony complies with Section 1006.3. Openings to the exterior of the building located within 20' of the area for evacuation assistance shall be protected with fire assemblies having a 3/4 hour fire protection rating. (1114B.2.2.1.2)

c. A portion of a one-hour fire-resistive corridor complying with Section 1004.3.4 located immediately adjacent to an exit enclosure. (1114B.2.2.1.3)

d. A vestibule located immediately adjacent to an exit enclosure and constructed to the same fire-resistive standards as required by Section 1004.3.4. (1114B.2.2.1.4)

e. A portion of a stairway landing within an exit enclosure which is vented to the exterior and is separated from the interior of the building by not less than one-hour fire-resistive door assemblies. (1114B.2.2.1.5)

f. When approved by the Building Official, an area or room which is separated from other portions of the building by a smoke barrier. Smoke barriers shall have a fire-resistive rating of not less than one hour and shall completely enclose the area or room. Doors in the smoke barrier shall be tight-fitting smoke- and draft-control assemblies having a fire-protection rating of not less than 20 minutes and shall be self-closing or automatic closing. The area or room shall be provided with an exit directly to an exit enclosure. When the room or area exits into an exit enclosure which is required to be of more than one-hour fire-resistive construction, the room or area shall have the same fire-resistive construction, including the same opening protection, as required for the adjacent exit enclosure. (1114B.2.2.1.6)

g. An elevator lobby complying with Section 1114B.2.3. See Item No. 7 below. (1114B.2.2.1.7)

4. Each area for evacuation assistance shall provide at least two accessible areas that are not less than 30" by 48". The area for evacuation assistance shall not encroach on any required exit width. The total number of such 30" by 48" areas per story shall not be less than one for every 200 persons of calculated occupant load served by the area for evacuation assistance. (1114B.2.2.2)

5. Each stairway adjacent to an area for evacuation assistance shall have a minimum clear width of 48" between handrails. (1114B.2.2.3)

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architecture
15 HUBBLE IRVINE
CALIFORNIA 92618
(949) 752-9333
FAX (949) 752-1207

CONSULTANT

CLIENT

Saticoy Realty Investments, LLC
LOS ANGELES, CALIFORNIA

PROJECT

APARTMENT BUILDING
20223-20237 W. SATICOY STREET
WINNETKA, CALIFORNIA

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REVISION

STAMP

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