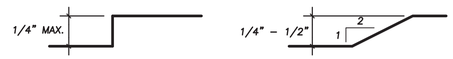
FLOORS & LEVELS

Ground and floor surfaces along accessible routes and in accessible rooms and spaces, including floors, walks, ramps, stairs, and curb ramps, shall be stable, firm, and slip–resistant.
Sec 1124B.1

Changes in level up to 1/4" may be vertical and without edge treatment.
Sec 1124B.2 Fig 11B–5E(c).

Changes in level between 1/4" and 1/2" shall be beveled with a slope no greater than 1:2.
Sec 1124B.2 Fig 11B–5E(d).

If carpet or carpet tile is used on a ground or floor surface, it shall be securely attached; have a firm cushion, pad or backing or no cushion or pad; and have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. The maximum pile height shall be 1/2". Exposed edges of carpet shall be fastened to floor surfaces and have trim along the entire length of the exposed edge. Carpet edge trim shall comply with Section 1124B.2.
Sec 1124B.3 Fig 11B–7B.



(c) CHANGE IN LEVEL (d) CHANGE IN LEVEL

FIGURE 11B-5E

FLOORS & LEVELS

SCALE: NONE | 3

ELECTRICAL

Controls and Operating Mechanisms shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. No greater than 5 lbs. force shall be required to activate controls. See also Sections 210–7(g), 380–8(c)and 760–9, California Electrical Code, for electrical installation (1117B.6.4).

GENERAL. Controls and Operating mechanisms required to be accessible by Section 101.17.11 shall comply with the requirements of this section (1117B.6.1).

CLEAR FLOOR SPACE. Clear floor space complying with Section 1118B.4 that allows a forward or parallel approach by a person using a wheelchair shall be provided at controls, dispensers, receptacles and other operable equipment (1117B.6.2)

The electrical and communication system receptacle outlets on branch circuits of 30 amperes or less shall be installed not more than 48" nor less than 15" above the floor or working platform. Sec 1117B.6.5.2

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. Sec 380–8(c). Sec. 1117B.6.5.1

The center of fire alarm initiating devices (boxes) shall be located 48" above the level of the floor, working platform, ground surface, or sidewalk. Sec 760–9.

The installation of fire alarm equipment and systems in any occupancy within the scope of these regulations shall be in accordance with the provisions of the California Electrical Code. Sec 7201.

Clear floor space. Clear floor space complying with Section 1118B.4 that allows a forward or parallel approach by a person using a wheelchair shall be provided at controls, dispensers, receptacles and other operable equipment (1117B.6.2).

The highest operable part of all controls, dispensers, receptacles, and other operable equipment shall be placed within at least one of the reach ranges specified in Sections 1118B.5 & 1118B.6. Sec 1117B.6.3

ELECTRICAL

SCALE: NONE | 4

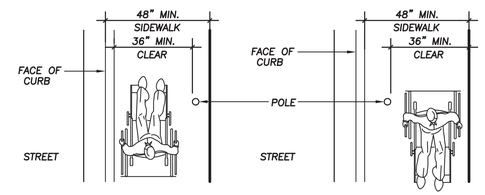
WALKS & SIDEWALKS

Walks and sidewalks shall 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. Sec. 1133B.7.1 Fig 11B–27(a).

Walk and sidewalk surface cross slopes shall not exceed 1/4" per foot except when the enforcing agency finds that due to local conditions it creates an unreasonable hardship, the cross slope can be increased to a maximum of 1/2" per foot for distances not to exceed 20'. Sec 1133B.7.1.3

Walks shall be provided with a level area not less than 60" by 60" at a door or gate that swings toward the walk, and not less than 48" wide by 44" deep at a door or gate that swings away from the walk. Sec 1133B.7.5

Walks shall extend a minimum of 24" to the side of the strike edge of a door or gate that swings toward the walk. Sec 1133B.7.5



(a) SIDEWALK OBSTRUCTIONS **FIGURE 11B-27**

WALKS & SIDEWALKS

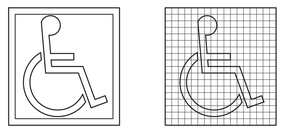
SCALE: NONE | 1

SIGNS & IDENTIFICATION

Contracted Grade 2 Braille shall be used wherever Braille symbols are specifically required in other portions of these regulations. Dots shall be 1/10" on centers in each cell with 2/10" space between cells. Dots shall be raised a minimum of 1/40" above the background.
Sec 1117B.5.6

All building entrances that are accessible to and usable by persons with disabilities and at every major junction along or leading to an accessible route of travel shall be identified with a sign displaying the International Symbol of Accessibility and with additional directional signs, as required, to be visible to persons along approaching pedestrian ways.
Sec 1117B.5.1.2, 1117B5.1.3 & 1127B.3

Where permanent identification is provided for rooms and spaces, raised letters shall be provided and shall be accompanied by Braille in conformance with Sections 1117B.5.5 through 1117B.5.5.4. Signs shall be installed on the wall adjacent to the latch side of the door. Where there is no wall space on the latch side, including at double leaf doors, signs shall be placed on the nearest adjacent wall, preferably on the right. Mounting height shall be 60" above the finished floor to the centerline of the sign. Mounting location shall be determined so that a person may approach within 3" of signage without encountering protruding objects or standing within the swing of a door.
Sec 1117B.5.7



PROPORTIONS
INTERNATIONAL SYMBOL OF ACCESSIBILITY

SIGNS & IDENTIFICATION

SCALE: NONE | 2

REGISTERED PROFESSIONAL ENGINEER
JUERGEN MILCZEWSKY
No. S2450
EXP. 3-31-13
STRUCTURAL
STATE OF CALIFORNIA

DWP DRAWING NUMBER

REV	DESCRIPTION	DWN	CHK	APP	DATE
A	100% SUBMITTAL	BP	JM	–	11.30.11

LOS ANGELES
DEPARTMENT OF WATER AND POWER

HAYNES GENERATING STATION
UNITS 11-16

Kiewit

Kiewit Power
9401 Renner Boulevard
Lenexa, Kansas 66219

STRUCTURAL ENGINEERS:
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JOB NUMBER 10–048

CONTROL BUILDING
ACCESSIBILITY DETAILS

DESIGNED –
DRAWN BAP
CHECKED JAM
APPROVED –

DRAWING NUMBER
AC1.2

Approved - Returned: 12/02/2011

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