

4.10.8 Door Delay for Car Calls. The minimum time for 4.10.1 General. Accessible elevators shall be on an accessible route and shall comply with 4.10 and with ASME A elevator doors to remain fully open in response to a car call 17.1.1990. Safety Code for Elevators and escalators. shall be 3 seconds. Freight elevators shall not be considered as meeting the requirements of this section unless the only elevators

4.10. Elevators.

provided are used as combination passenger and freight

4.10.2 Automatic Operation. Elevator operation shall be

automatic. Each car shall be equipped with a self-levellin

loading conditions. This self-leveling feature shall be

feature that will automatically bring the car to floor landings

automatic and independent of the operating device and shall

4.10.3 Hall Call Buttons. Call buttons in elevator lobbies

and halls shall be centered at 42 in (1065 mm) above the floor.

Such call buttons shall have visual signals to indicate when

buttons shall be a minimum of 3/4 in (19 mm) in the smallest

dimension. The button designating the up direction shall be on

each call is registered and when each call is answered. Call

top. (see fig. 20) Buttons shall be raised or flush. Objects

4.10.4 Hall Lanterns. A visible and audible signal shall sound once for the top direction and twice for the down

(1) Hall lantern fixtures shall be mounted so that their

centerline is at least 72 in (1830 mm) above the lobby floor (see

(2) Visual elements shall be at least 2 1/2 in (54 mm) in the

(3) Signals shall be visible from the vicinity of the hall call

button (see fig. 20). In-car lanterns located in cars, visible

Visible signs shall have the following features.

direction or shall have verbal announcers say up or down.

mounted beneath hall call buttons shall not project into the

within a tolerance of 1/2 in (13 mm) under rated loading to zero

elevators for the public and employees.

correct the overtravel or undertravel.

elevator lobby more than 4 in (100 mm).

smallest dimension.

4.10.9 Floor Plan of Elevator Cars. The floor area of elevator cars shall provide space for wheelchair users to enter the car, maneuver with in reach of controls, and exit from the car. Acceptable door opening and inside dimensions shall be as shown in Fig 22. The clearance between the car platform sill and the edge of any hoistway landing shall be no greater than 1 1/4"(32mm).

4.10.10 Floor Surfaces. Floor surfaces comply with

 $\underline{\text{4.10.11 Illumination Levels. The level of Illumination at the}} \\ \text{car controls, platform, and car threshold and landing sill shall}$

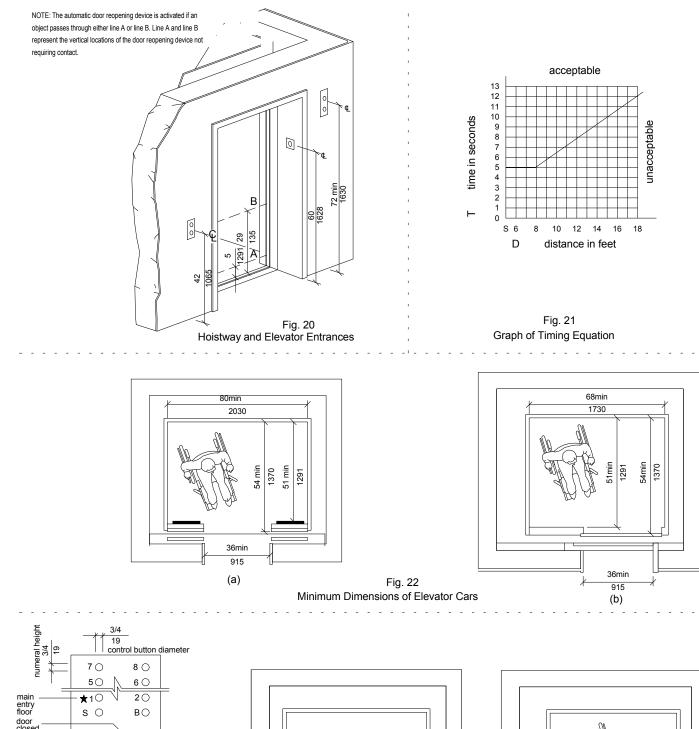
be at least 5 footcandles (53.8 lux.) 4.10.12* Car Controls. Elevator control panels shall have

their smallest dimension. They shall be raised or flush.

(1) Buttons. All control buttons shall be at least 3/4"(19mm) in

(2) Tactile. Braille, and visual control Indicators. All control buttons shall be designated by Braille and by raised standard alphabet characters for letters, Arabic characters for numerals, or standard symbols as shown in fig.23 (a), and as required in ASME A 17.1-1990. Raised and Braille characters and symbols shall comply with 4.30. The call button for the main entry floor shall be designated by a raised star at the left of the floor designation (see Fig.23 (a)). All raised designations for control buttons shall be placed immediately to the left of the button to which they apply. Applied plates, permanently attached, are an acceptable means to provide raised control designations. Floor buttons shall be provided with visual indicators to show when each call is registered. The visual indicators shall be extinguished when each call is answered.

(3) Height. All floor buttons shall be no higher than 54" (1370mm) above the finish floor for side approach and 48" (1220mm) for front approach. Emergency controls, including



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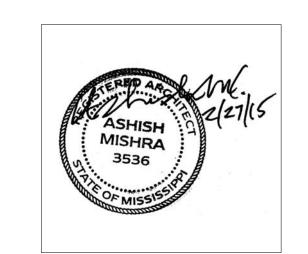
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KEY PLAN

Shiva Southaven

Holiday Inn Express & Suites

Lot 16 (Rev Lot 3) Southcrest Pkwy. Southcrest Subdivision

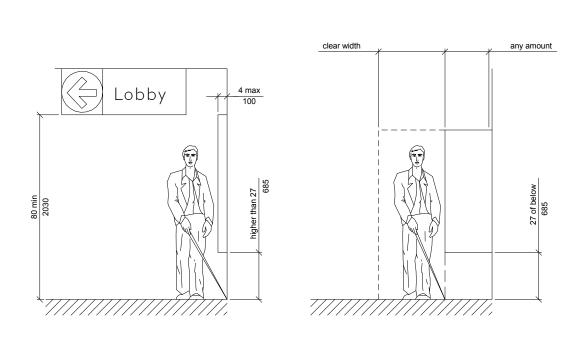
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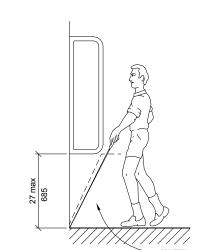
Drawing Title **ADA Details**

Construction Documents

14-081 Author Checked by Checker Date Feb. 27, 2015

Review





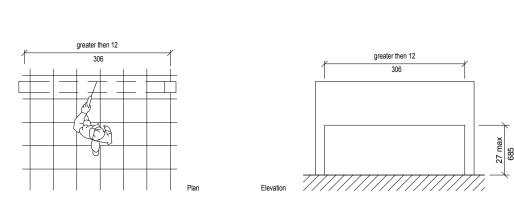


Fig. 8 (c) Free-Standing Overhanging Objects

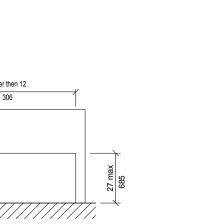


Fig. 8 (c-1) Overhead Hazards

Example of Protection around Wall-Mounted Objects and Measurements of Clear Widths

PROTRUDING OBJECTS

4.2 Space allowance and Reach Ranges.

4.2.1* Wheelchair Passage Width. The minimum clear width for single wheelchair (815mm) and 36 in.(915 mm) continuously (see fig. 1 and 24 (e)).

4.2.2 Width for Wheelchair Passing. The minimum width for two wheelchairs to pass is 60 in. (1525 mm) (see fig. 2).

4.2.3* Wheelchair turning space. The space required for a wheelchair to make a 180 degree turn is a clear space of 60 in.(1525 mm) diameter (see fig.3 (a)) or a T-shaped space (see fig. 3 (b)).

4.2.4* Clear floor or Ground Space for Wheelchairs.

4.2.4.1 Size and Approach. The minimum clear floor or ground space required to accommodate a single, stationary wheelchair and occupant is 30 in. by 48 in.(760mm by 1220 mm)(see fig.4 (a)). The minimum clear floor or ground space for wheelchairs may be positioned for forward or parallel approach to an object. (see fig.4 (b) and (c)). Clear floor or ground space for wheelchairs may be part of the knee space required under some objects.

4.2.4.2 Relationship of Maneuvering Clearance to Wheelchair Spaces. One full unobstructed side of the clear floor or ground space for a wheelchair shall adjoin or overlap

an accessible route or adjoin another wheelchair clear floor space. If a clear floor space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearances shall be provided as shown in fig. 4

4.2.4.3. Surfaces for Wheelchair Spaces. Clear floor or ground spaces for wheelchairs shall comply with 4.5.

4.2.5* Forward Reach. If the clear floor space only allows forward approach to an object, the maximum high forward reach allowed shall be 48 in.(1220 mm) see fig.5 (a). The minimum low forward reach is 15 in.(380 mm). If the high forward reach is over an obstruction, reach and clearances shall be as shown in fig. 5(b).

4.2.6* Side Reach. If the clear floor space allows parallel approach by a person in a wheelchair, the maximum high side reach allowed shall be 54 in 91370mm) and the low side reach shall be no less than 9 in.(230 mm) above the floor (fig.6 (a)

and (b)). If the side reach is over an obstruction, the reach

and clearances shall be as shown in fig.6 (c).

4.3 Accessible Route.

4.3.1* General. All walks, halls, corridors, aisles, skywalks, tunnels, and other spaces that are part of an accessible route shall comply with 4.3.

4.3.2 Location.

(1) At least one accessible route within the boundary of the site shall be provided from public transportation shops, accessible parking, and accessible passenger loading zones, and public streets or sidewalks to the accessible building entrance they serve. The accessible route shall, to the maximum extent feasible coincide with the route for the general public.

(2) At least one accessible shall connect accessible buildings, facilities, elements, and spaces that are on the same

(3) At least one accessible route shall connect accessible building or facility entrances with all accessible spaces and elements and with all accessible dwelling units within the building or facility.

(4) An accessible route shall connect at least one accessible entrance of each accessible dwelling unit with those exterior and interior spaces and facilities that serve the accessible dwelling unit.

 $\underline{\text{4.3.3 Width. The minimum clear width of an accessible route}}$ shall be 36 in.(915 mm) except at doors (see 4.13.5 and 4.13.6). Obstruction, the minimum clear width of the accessible route shall be as shown in fig.7 (a) and (b).

4.3.4 Passing Space. If an accessible route has less than 60 in. 91525mm) clear width, then passing spaces at least 60 in. by 60 in.(1525mm by 1525mm) shall be located at reasonable intervals not to exceed 200 ft. (61 m), A T-intersection of two corridors or walks is an acceptable passing place.

4.3.5 Head Room. Accessible routes shall comply with 4.4.2.

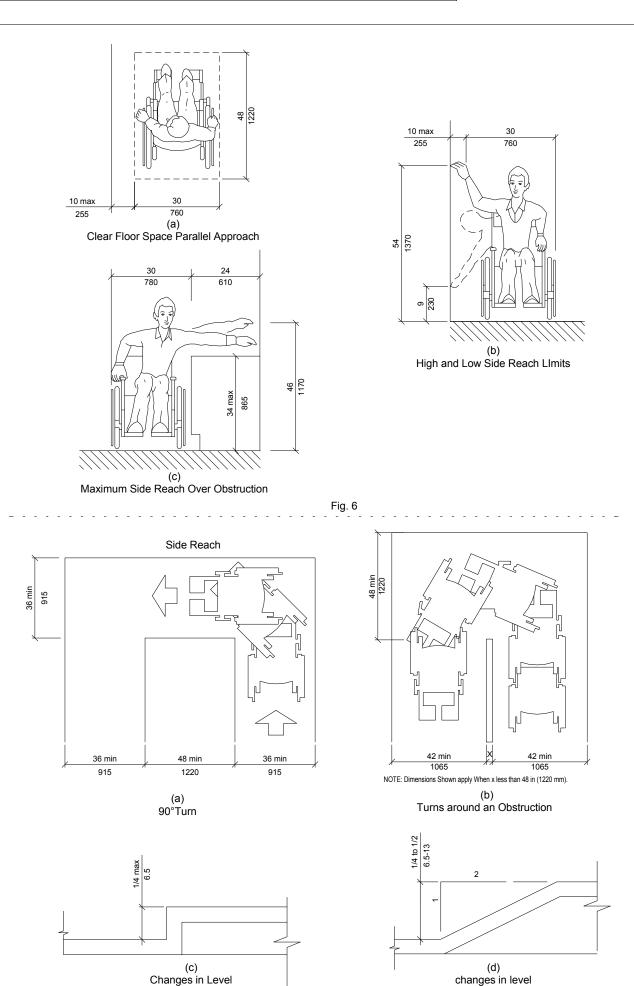
4.3.6 Surface Textures. The surface of an accessible route

4.3.7 Slope. An accessible route with running slope greater than 1:20 is a ramp and shall comply with 4.8. Nowhere shall the cross slope of an accessible route exceed 1:50.

4.3.8 Changes in Levels. Changes in levels along an accessible route shall comply with 4.5.2. If an accessible route has changes in level greater than 1/2"(13mm), then a curb ramp, ramp, elevator, or platform lift (as permitted in 4.1.3 and 4.1.6) shall be provided that complies with 4.7, 4.8, 4.10, or 4.11, respectively. An accessible route does not include stairs, steps, or escalators. See definition of "egress, means of" in

4.3.9 Doors. Doors along an accessible route shall comply

4.3.10 Egress. Accessible routes serving any accessible space or element shall also serve as a means of egress for emergencies or connect to an accessible area of rescue



Accessible Route

SPACE ALLOWANCES & REACH RANGES

