

TRANSMITTAL OF RULES ADOPTED

FROM: STATE BUILDING CODE ADVISORY COUNCIL  
(Name of Agency)

TO: CODE REVISER  
LEGISLATIVE BLDG. (Southwest Corner, Ground Floor)  
OLYMPIA 98504

The enclosed rules  Permanent rules  Emergency rules , being Order No. 77-02

relating to (Name of rules or description of subject matter)

Amended rules and regulations contained in WAC 51 - 10 Setting of Barrier Free Design Standards Making Buildings and Facilities Accessible to Physically Disabled Persons.

(ALTERNATIVE A. Use only for adoption of permanent rules)

pursuant to Notice No. 7490 ① filed with the code reviser on April 7, 1977 ② were regularly adopted as permanent rules of this agency at Sea Tac Airport on April 27, 1977 and are herewith filed in the office of the code reviser pursuant to chapter 34.04 RCW. The effective date of such rules shall be September 5, 1977 ③

(ALTERNATIVE B. Use only for adoption of emergency rules)

pursuant to its finding in the attached administrative order, that the immediate adoption of these rules is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to the public interest, were regularly adopted as emergency rules of this agency at \_\_\_\_\_ on \_\_\_\_\_ and \_\_\_\_\_ are herewith filed in the office of the code reviser pursuant to chapter 34.04 RCW.

The undersigned hereby certifies that the requirements of chapter 34.04 RCW and of the Open Public Meetings Act of 1971, chapter 42.30 RCW have been fulfilled.

Dated this 3rd day of August 1977.

STATE OF WASHINGTON  
**FILED**

AUG 3 1977

CODE REVISER'S OFFICE

DOCKET # 8362 FILE # 1

STATE BUILDING CODE ADVISORY COUNCIL  
(AGENCY)

*Arthur E. Knutson*

By  
Arthur E. Knutson  
Chairman

Title

- ① Notice number as appears on the copy of notice returned to you by reviser's office (if proceedings were continued, use no. of last notice)
- ② Stamped date as appears on the copy of notice returned to you by reviser's office (if proceedings were continued, use date of last notice)
- ③ Unless a later date is specified in this order or is prescribed in another statute, rules are effective 30 days after filing: RCW 34.04.040. Leave this space blank except in such special cases. [Order 9, filed 9/25/74, eff. 10/25/74] [Form CR-2: Rev. 9/21/74]

STATE OF WASHINGTON

STATE BUILDING CODE ADVISORY COUNCIL

Administrative Order No. 77-02

(1) Be it resolved by the State Building Code Advisory Council, State of Washington, after due notice and in a meeting open to the public, held at SeaTac Airport, Seattle, Washington, on April 27, 1977, as required by chapters 34.04 and 42.30 RCW, do promulgate and adopt as amended rules of this governing body, the annexed rules:

WAC 51-10 Setting of Barrier Free Design Standard Making Buildings and Facilities Accessible to Physically Disabled Persons.

(2) This rule is promulgated pursuant to RCW 19.27.020(6) and RCW 19.27.030(5) which directs that the State Building Code Advisory Council has authority to implement the provisions of the State Building Code Act of 1974.

(3) This order after being first recorded in the order register of this governing body shall be forwarded to the Code Reviser for filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

APPROVED AND ADOPTED April 27, 1977

By



Arthur E. Knutson, Chairman  
STATE BUILDING CODE ADVISORY COUNCIL

AMENDATORY SECTION

WAC 51-10

CHAPTER 4

Sec. 402. Accessibility. The combination of factors which create an environment free of barriers to the mobility of able bodied persons and disabled persons. For the purposes of this code the environment consists of Routes of Travel to and through Buildings and Structures. 195  
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Accessible Building. A building with accessible route(s) of travel interconnecting primary public building entrances, designated major floor areas, accessible building facilities, and primary exits. 202  
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Accessible Building Facilities. Accessible fixed facilities inside the building, such as toilets, water fountains, telephones, counters, tables, desks and other work surfaces, shelving, equipment, signaling devices and switching devices, but excluding accessible routes of travel and major floor areas. 207  
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Accessible Dwelling Unit. A dwelling unit in which all habitable spaces, bathrooms, toilet compartments, closets, halls, storage and utility spaces customarily used by an occupant are connected, through an accessible opening, to an accessible route of travel or to an accessible space. 213  
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Accessible Opening. An opening not less than 32 inches clear in width and not less than ((80)) 79 inches in height, without a sill or threshold greater than 1/2 inch in height above the walking surface. A door or gate in the open position may not reduce the required opening. 221  
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Accessible Route of Travel. A path, not less than 32 inches in unobstructed width nor less than ((80)) 79 inches in unobstructed height at any point, providing accessibility from one or more primary public site entrance(s), connecting to any accessible parking and any other accessible site facilities, to one or more primary public building entrances and through the interior of buildings to all major floor areas, accessible interior facilities, and primary exits. 227  
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Accessible Site. A site that has accessible route(s) of travel interconnecting primary public site entrances and primary public building entrance(s) and accessible site facilities. 236  
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Accessible Site Facilities. Accessible facilities outside buildings, abutting accessible routes of travel, including accessible parking, waiting areas, drop-off zones, and rest areas. 241  
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Accessible Space. A space, within a building, which is connected to an accessible route of travel by an accessible opening. 247

Administrative Authority. The building department of each county, city, or town of this state. 251  
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CHAPTER 17

Sec. 1711. (b) Toilet Facilities. Water closet compartments other than those required by Subsection 1711(c) shall be not less than 30 inches in width and shall have a clear space in front of the water closet of not less than 24 inches. 455  
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(c) Provisions for disabled persons. On every floor where toilet rooms are provided, one toilet room for each sex where required by the Uniform Building Code but in no case less than one, shall meet the requirements of this section, except in I and J occupancies, and in H occupancies where the requirements of Sec. 1302 are otherwise satisfied. 480  
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1. Doorways. Every doorway shall permit the installation of a door which, when fully open, shall provide not less than 32 inches clear opening. An unobstructed floor space 18 inches wide shall adjoin the strike jamb on the side of the direction of doorswing. 488  
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2. Vestibules. When provided, vestibules and partitioned entrance spaces shall contain an unobstructed floor space a minimum of 4 feet by 4 feet. 496  
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3. Toilet Room. An unobstructed floor space 5 feet square shall be provided. 501  
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EXCEPTION: In toilet rooms with one water closet, doors in any position may reduce the unobstructed floor space to 32 inches by 60 inches, but shall not reduce any dimension by more than 3 1/2 inches when fully open. 504  
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4. Water Closets. Water closets shall be mounted with the top of the seat 16 to 18 inches from the finished floor. Water closets shall allow a minimum toe space of 6 inches measured horizontally from the front leading edge to the base, by 6 inches in height. The lateral distance from the center line of the water closet seat to the nearest obstruction shall be not less than 15 inches on one side and 36 inches on the opposite side. 510  
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EXCEPTIONS: Lavatories meeting the requirements of paragraph 1711(c)7. 521

5. Grab Bars. Grab bars shall be not less than 1 1/4 inches nor more than 1 1/2 inches in diameter, and if wall mounted shall have one and one-half inches clearance from the wall. A grab bar, a minimum length of 36 inches, shall be mounted 32 to 34 inches above the floor, at right angles to the centerline of the water closet and not more than 9 inches behind the seat. A grab bar, a minimum length of 36 inches, shall also be mounted 32 to 34 inches above the floor, parallel to and 15 inches to 18 inches from the centerline of the water closet, and shall extend 18 inches forward of the seat. Grab bars shall be capable of supporting a 300 pound live load without permanent deflection. 524  
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6. Water Closet Compartments. Toilet rooms which have more than one water closet or which have water closet compartments shall have at least one compartment for every 20 or fractional portion thereof meeting the requirements of this subsection.	541 542 543 544
a. The compartment shall have a minimum area of 4 feet 6 inches wide by 4 feet 9 inches.	547
b. The compartment door shall have a clear opening of not less than 32 inches. Doors shall slide or swing out so as not to obstruct path of travel. The swinging door shall have an automatic closing device.	550 551 553
c. An unobstructed floor space 42 inches square shall be provided outside the compartment door.	555 556
7. Lavatories. At least one lavatory shall have a rim height of 33 inches to 34 inches and shall have a 29 inch minimum clearance from the bottom of the apron to the floor. Faucets shall be lever type and shall be no more than 17 inches from the front edge of the lavatory or counter.	559 560 562 563 564
Exposed drain pipes and hot water pipes under a lavatory shall be recessed, insulated or guarded. Protection shall be provided to prevent burns from contact with hot water piping and waste lines where the water temperature exceeds 120 degrees Fahrenheit (49 degrees Celsius).	567 568 569 571
8. Mirrors or Shelves. Where provided, at least one shall be placed at a height not to exceed 40 inches above the floor, measured from the top of the shelf and the bottom of the mirror.	574 575 576
9. Urinals. Where men's urinals are provided, at least one in each toilet room shall be a wall-mounted urinal with the opening of the basin 15 inches from the finished floor, or shall be floor mounted urinals that are level with the finished floor.	579 581 582 583
10. Towel Racks, Towel and Other Dispensers. Where provided at least one shall be mounted so as not to exceed 40 inches above the finished floor to any rack, operating controls, mechanism, or dispenser.	586 587 588
(h) Showers. Where showers are provided, 2 per cent, but in no case less than one, shall be at least 3 feet by 3 feet inside dimensions. Thresholds shall be flush, or beveled with a maximum edge height of 1/2 inch, and shall not slope more than 1 in 2.	591 592 593 594
Showers equipped for disabled persons shall have a <del>((non-slip))</del> <u>slip-resistant</u> floor surface. Where stalls are used, a grab bar a minimum length of 31 3/4 inches and 1 1/4 to 1 1/2 inches in diameter and 1 1/2 inches from the wall shall be mounted 33 inches to 36 inches above and parallel to the finished floor, centered behind and beneath the shower head. A grab	597 599 600 601 603

bar shall be similarly mounted at one end of, and at right angles to, 604  
the above grab bar. These bars may be joined at the corner. The 606  
water control shall be lever operated, and mounted 40 inches above the 607  
finished floor of the shower. A hand held shower spray on flexible 609  
hose shall be provided. Temperature of water discharged from the 610  
shower head shall not exceed 120 degrees Fahrenheit (49 degrees 611  
Celsius). A recessed soap tray shall be placed at a height of 40 612  
inches above the finished floor. 613

CHAPTER 55	1105
Equipment, Hardware, and Specialties	1107
Hardware	1109
Sec. 5501. All hardware used in accessible buildings or facilities shall conform to the following requirements:	1112
(a) Door operations. 1. Door closers or power operators shall be operable as required by Sec. 3303(g).	1115 1116
EXCEPTION: Floor pad or electric eye actuated power operators.	1119
2. Power operated doors. All power operated doors shall remain in the fully open position for no less than 6 seconds before closing.	1122 1124
Touch-switch actuated doors. Touch switches shall be mounted 36 inches above the floor and not less than 18 inches nor more than 36 inches horizontally from the nearest point of travel of the moving door.	1127 1129 1130
Other power operated doors must be actuated from a location no nearer than 36 inches from the nearest point of travel of the moving door.	1133 1134
(b) Locksets and latchsets. Locksets and latchsets shall have lever or other devices which will permit operation by wrist or arm pressure or action.	1137 1139
EXCEPTION: This provision is not requisite at mechanical, electrical, or janitor rooms.	1141 1142
Height of center of spindle or actuating device shall be 36 to 42 inches above the <u>finished</u> floor.	1145
Knobs or handles or other operating hardware on doors leading to stairs, loading platforms, stages, mechanical equipment rooms, fire escapes or other areas hazardous to the blind shall be knurled or otherwise rough to the touch.	1148 1149 1150 1151
(c) <del>((Pulls))</del> <u>Door pulls</u> . <del>((Pulls))</del> <u>Door pulls</u> shall be mounted so as to be pulled at a height 42 inches above the floor.	1154
(d) Window hardware. In accessible dwelling units, operable window hardware shall have lever type or other handles operable by wrist, arm	1156 1157

or shoulder. Such handles shall be located above an unobstructed floor space, and operable from a point ((36)) not less than 18 inches nor more than 48 inches above the floor. 1159  
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(e) Lighting and ventilation switches. In accessible dwelling units, switches which control lighting or ventilation shall be located not more than 48 inches above the finished floor. 1163  
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(f) Electrical convenience outlets. In accessible dwelling units, electrical convenience outlets shall be located not less than ((24)) 18 inches above the finished floor. 1167  
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(g) Cabinet hardware. Door and drawer pulls in accessible dwelling units shall enable the user to operate them without grasping. 1172  
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