

2010 ADA Standards for Accessible Design for Public Accommodations and Commercial Facilities: Title III

CHAPTER 3: BUILDING BLOCKS (CONT.)

301 General. 301.1 Scope. The provisions of Chapter 3 shall apply where required by Chapter 2 or where referenced by a requirement in this document.

302 Floor or Ground Surfaces. 302.1 General. Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302. EXCEPTIONS: 1. Within animal containment areas, floor and ground surfaces shall not be required to be stable, firm, and slip resistant. 2. Areas of sport activity shall not be required to comply with 302.

302.2 Carpet. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/nap pile surface. Pile height shall be 1/2 inch (13 mm) maximum. Exposed edges of carpet shall be fastened to floor surfaces and shall have trim on the entire length of the exposed edge. Carpet edge trim shall comply with 303.

302.3 Openings. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (13 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

303 Changes in Level. 303.1 General. Where changes in level are permitted in floor or ground surfaces, they shall comply with 303. EXCEPTIONS: 1. Animal containment areas shall not be required to comply with 303. 2. Areas of sport activity shall not be required to comply with 303.

303.2 Vertical. Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical. 303.3 Beveled. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

303.4 Ramps. Changes in level greater than 1/2 inch (13 mm) high shall be ramped, and shall comply with 405.4 and 406. 304 Turning Space. 304.1 General. Turning space shall comply with 304.

304.2 Floor or Ground Surfaces. Floor or ground surfaces of a turning space shall comply with 302. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

304.3 Size. Turning space shall comply with 304.3.1 or 304.3.2. 304.3.1 Circular space. 304.3.1.1 New buildings and facilities. In new buildings and facilities, the turning space shall be a circular space with a 67-inch (1700 mm) minimum diameter.

304.3.1.1.1 Overlap. Turning spaces shall be permitted to include knee and toe complying with Section 306. Where the turning space includes knee and toe clearances under an obstruction, the overlap shall comply with all of the following: 1. The depth of the overlap shall not be more than 10 inches (255 mm). 2. The depth shall not exceed the depth of the knee and toe clearances provided, and 3. The overlap shall be permitted only in the turning circle area shown shaded in Figure 304.3.1.

304.3.1.2 Existing buildings and facilities. In existing buildings and facilities, the turning space shall be a circular space with 60-inch (1525 mm) minimum diameter. 304.3.1.2.1 Overlap. Turning spaces shall be permitted to include knee and toe clearance complying with Section 306.

304.3.2 T-Shaped Space. 304.3.2.1 New Buildings and Facilities. In new buildings and facilities, the turning space shall be a T-shaped space complying with one of the following:

1. A T-shaped space, clear of obstruction, that fits within an area 68 inches (1725 mm) wide and 60 inches (1525 mm) deep, with two arms and one base that are all 36 inches (915 mm) minimum in width. Each arm shall extend 16 inches (405 mm) minimum from each side of the base located opposite the other, and the base shall extend 24 inches (610 mm) minimum from the arms. At the intersection of each arm and the base, the interior corners shall be chamfered for 8 inches (205 mm) minimum along both the arm and along the base.

2. A T-shaped space, clear of obstruction, that fits within an area 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms 38 inches (965 mm) minimum in width and a base 42 inches (1065 mm) minimum in width. Each arm shall extend 11 inches (280 mm) minimum from each side of the base, located opposite the other, and the base shall extend 22 inches (560 mm) minimum from each arm.

3. A T-shaped space, clear of obstruction, 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms and one base 40 inches (1015 mm) minimum in width. Each arm shall extend 12 inches (305 mm) minimum from each side of the base and the base shall extend 20 inches (510 mm) minimum from each arm.

304.3.2.2 Existing buildings and facilities. In existing buildings and facilities, the turning space shall be a circular space with 60-inch (1525 mm) minimum diameter. 304.3.2.2.1 Overlap. Turning spaces shall be permitted to include knee and toe clearance complying with Section 306.

304.3.2.2 T-Shaped Space. 304.3.2.2.1 New Buildings and Facilities. In new buildings and facilities, the turning space shall be a T-shaped space complying with one of the following:

1. A T-shaped space, clear of obstruction, that fits within an area 68 inches (1725 mm) wide and 60 inches (1525 mm) deep, with two arms and one base that are all 36 inches (915 mm) minimum in width. Each arm shall extend 16 inches (405 mm) minimum from each side of the base located opposite the other, and the base shall extend 24 inches (610 mm) minimum from the arms. At the intersection of each arm and the base, the interior corners shall be chamfered for 8 inches (205 mm) minimum along both the arm and along the base.

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3. A T-shaped space, clear of obstruction, 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms and one base 40 inches (1015 mm) minimum in width. Each arm shall extend 12 inches (305 mm) minimum from each side of the base and the base shall extend 20 inches (510 mm) minimum from each arm.

304.3.2.2.2 Existing buildings and facilities. In existing buildings and facilities, the turning space shall be a circular space with 60-inch (1525 mm) minimum diameter. 304.3.2.2.2.1 Overlap. Turning spaces shall be permitted to include knee and toe clearance complying with Section 306.

304.3.2.2.2 T-Shaped Space. 304.3.2.2.2.1 New Buildings and Facilities. In new buildings and facilities, the turning space shall be a T-shaped space complying with one of the following:

1. A T-shaped space, clear of obstruction, that fits within an area 68 inches (1725 mm) wide and 60 inches (1525 mm) deep, with two arms and one base that are all 36 inches (915 mm) minimum in width. Each arm shall extend 16 inches (405 mm) minimum from each side of the base located opposite the other, and the base shall extend 24 inches (610 mm) minimum from the arms. At the intersection of each arm and the base, the interior corners shall be chamfered for 8 inches (205 mm) minimum along both the arm and along the base.

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3. A T-shaped space, clear of obstruction, 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms and one base 40 inches (1015 mm) minimum in width. Each arm shall extend 12 inches (305 mm) minimum from each side of the base and the base shall extend 20 inches (510 mm) minimum from each arm.

304.3.2.2.2.2 Existing buildings and facilities. In existing buildings and facilities, the turning space shall be a circular space with 60-inch (1525 mm) minimum diameter. 304.3.2.2.2.2.1 Overlap. Turning spaces shall be permitted to include knee and toe clearance complying with Section 306.

304.3.2.2.2.2 T-Shaped Space. 304.3.2.2.2.2.1 New Buildings and Facilities. In new buildings and facilities, the turning space shall be a T-shaped space complying with one of the following:

1. A T-shaped space, clear of obstruction, that fits within an area 68 inches (1725 mm) wide and 60 inches (1525 mm) deep, with two arms and one base that are all 36 inches (915 mm) minimum in width. Each arm shall extend 16 inches (405 mm) minimum from each side of the base located opposite the other, and the base shall extend 24 inches (610 mm) minimum from the arms. At the intersection of each arm and the base, the interior corners shall be chamfered for 8 inches (205 mm) minimum along both the arm and along the base.

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304.3.2.2.2.2.2 Existing buildings and facilities. In existing buildings and facilities, the turning space shall be a circular space with 60-inch (1525 mm) minimum diameter. 304.3.2.2.2.2.2.1 Overlap. Turning spaces shall be permitted to include knee and toe clearance complying with Section 306.

304.3.2.2.2.2.2 T-Shaped Space. 304.3.2.2.2.2.2.1 New Buildings and Facilities. In new buildings and facilities, the turning space shall be a T-shaped space complying with one of the following:

304.3.2.2.2.2.2.2 Existing buildings and facilities. In existing buildings and facilities, the turning space shall be a T-shaped space complying with one of the following:

304.3.2.2.2.2.2.2.1 Overlap. Turning spaces shall be permitted to include knee and toe clearance complying with Section 306 only at the end of either the base or one arm.

304.4 Door Swing. Doors shall be permitted to swing into turning spaces. 305 Clear Floor or Ground Space. 305.1 General. Clear floor or ground space shall comply with 305.

305.2 Floor or Ground Surfaces. Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

305.3 Size. The clear floor or ground space shall be 30 inches (760 mm) minimum by 48 inches (1220 mm) minimum. 305.4 Knee and Toe Clearance. Unless otherwise specified, clear floor or ground space shall be permitted to include knee and toe clearance complying with 306.

305.5 Position. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. 305.6 Approach. One full unobstructed side of the clear floor or ground space shall not be prohibited beneath an accessible route or adjacent another clear floor or ground space.

305.7 Maneuvering Clearance. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided in accordance with 305.7.1 and 305.7.2. 305.7.1 Forward Approach. Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

305.7.2 Parallel Approach. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm). 306 Knee and Toe Clearance. 306.1 General. Where space beneath an element is included as part of clear floor or ground space or turning space, the space shall comply with 306. Additional space shall not be prohibited beneath an element but shall not be considered as part of the clear floor or ground space or turning space.

306.2 Toe Clearance. 306.2.1 General. Space under an element between the finish floor or ground and 9 inches (230 mm) above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. 306.2.2 Maximum Depth. Toe clearance shall extend 25 inches (635 mm) maximum under an element.

306.2.3 Minimum Required Depth. Where toe clearance is required at an element as part of a clear floor or ground space, the toe clearance shall extend 17 inches (430 mm) minimum under the element. 306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 9 inches (230 mm) above the finish floor or ground shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum. 306.3 Knee Clearance. 306.3.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

306.3.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 306.3.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

306.3.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 306.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

307 Protruding Objects. 307.1 General. Protruding objects shall comply with 307. 307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) horizontally into the circulation path. EXCEPTION: Handrails shall be permitted to protrude to 1/2 inches (11 mm) maximum.

307.3 Post-Mounted Objects. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (685 mm) minimum and 80 inches (2030 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground. EXCEPTION: The skirting portions of handrails serving floors and ramps shall not be required to comply with 307.3.

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

307.5 Required Clear Width. Protruding objects shall not reduce the clear width required for accessible routes. 308 Reach Ranges. 308.1 General. Reach ranges shall comply with 308.

308.2 Forward Reach. 308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.

308.2.3 Obstructed Side Reach. 308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element on the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground. EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10 inches (255 mm) maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.

309 Operable Parts. 309.1 General. Operable parts shall comply with 309. 309.2 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided. 309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in 308.

309.4 Operation. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. EXCEPTION: Gas pump nozzles shall not be required to provide operable parts that have an activating force of 5 pounds (22.2 N) maximum.

309.5 Forward Approach. Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm). 309.5.2 Parallel Approach. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm).

309.6 Knee and Toe Clearance. 309.6.1 General. Where space beneath an element is included as part of clear floor or ground space or turning space, the space shall comply with 306. Additional space shall not be prohibited beneath an element but shall not be considered as part of the clear floor or ground space or turning space.

309.6.2 Toe Clearance. 309.6.2.1 General. Space under an element between the finish floor or ground and 9 inches (230 mm) above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. 309.6.2.2 Maximum Depth. Toe clearance shall extend 25 inches (635 mm) maximum under an element.

309.6.2.3 Minimum Required Depth. Where toe clearance is required at an element as part of a clear floor or ground space, the toe clearance shall extend 17 inches (430 mm) minimum under the element. 309.6.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 9 inches (230 mm) above the finish floor or ground shall not be considered toe clearance.

309.6.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum. 309.6.3 Knee Clearance. 309.6.3.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

309.6.3.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

309.6.3.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 309.6.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

309.6.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum. 309.6.3.5.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

309.6.3.5.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.5.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

309.6.3.5.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 309.6.3.5.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

309.6.3.5.5.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

309.6.3.5.5.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.5.5.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

309.6.3.5.5.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 309.6.3.5.5.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

309.6.3.5.5.5.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

309.6.3.5.5.5.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.5.5.5.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

309.6.3.5.5.5.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 309.6.3.5.5.5.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

309.6.3.5.5.5.5.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

309.6.3.5.5.5.5.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.5.5.5.5.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

309.6.3.5.5.5.5.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 309.6.3.5.5.5.5.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

309.6.3.5.5.5.5.5.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

309.6.3.5.5.5.5.5.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.5.5.5.5.5.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

309.6.3.5.5.5.5.5.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 309.6.3.5.5.5.5.5.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

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309.6.3.5.5.5.5.5.5.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.5.5.5.5.5.5.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

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309.6.3.5.5.5.5.5.5.5.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.5.5.5.5.5.5.5.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

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309.6.3.5.5.5.5.5.5.5.5.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 309.6.3.5.5.5.5.5.5.5.5.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

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309.6.3.5.5.5.5.5.5.5.5.5.5.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum above the finish floor or ground. 309.6.3.5.5.5.5.5.5.5.5.5.5.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor or ground space, the knee clearance shall be 11 inches (280 mm) deep minimum at 8 inches (205 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

309.6.3.5.5.5.5.5.5.5.5.5.5.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height. 309.6.3.5.5.5.5.5.5.5.5.5.5.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

309.6.3.5.5.5.5.5.5.5.5.5.5.5.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.