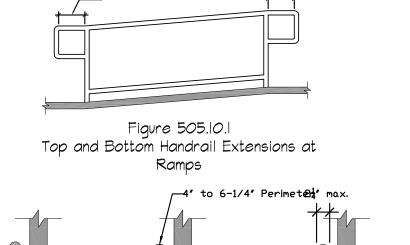
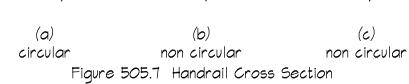
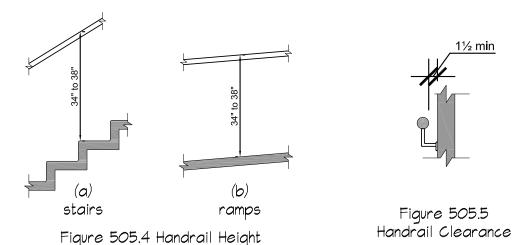
Required Minimum Dims. As Per ANSI 117.1-2009:

Figure 505.10.2 Figure 505.10.3 Top Handrail Extensions Bottom Handrail Extensions at at Stairs Stairs







505.1 General. Handrails required by Section 405.8 for ramps, or Section 504.6 for stairs, shall comply with Section 505. 505.2 Location. Handrails shall be provided on both sides of stairs and ramps.

505.3 Continuity. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs or ramps shall be continuous between flights or runs. Other handrails shall comply with Sections

505.4 Height. Top of gripping surfaces of handralls shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above stair nosings, ramp surfaces and walking surfaces. Handrails shall be at a consistent height above stair nosings, ramp surfaces and walking surfaces.

505.5 Clearance. Clearance between handrail gripping surface and adjacent surfaces shall be II 1/2 inches (38 mm) minimum. 505.6 Gripping Surface. Gripping surfaces shall be continuous, without interruption by newel posts, other construction elements, or

505.7.1 Circular Cross Section. Handrails with a circular cross section shall have an outside diameter of II/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 Noncircular Cross Sections. Handrails with a noncircular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 % inches (160 mm) maximum, and a cross-section dimension of 2 % inches (57 mm) maximum. 505.8 Surfaces. Handrails, and any wall or other surfaces adjacent to them, shall be free of any sharp or abrasive elements.

505.9 Fittings. Handrails shall not rotate within their fittings.

505.10 Handrail Extensions. Handrails shall extend beyond and in the same direction of stair flights and ramp runs in accordance

505.10.2 Top Extension at Stairs. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the landing nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

505.10.3 Bottom Extension at Stairs. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the bottom tread nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

505 Handrails

504 Stairways

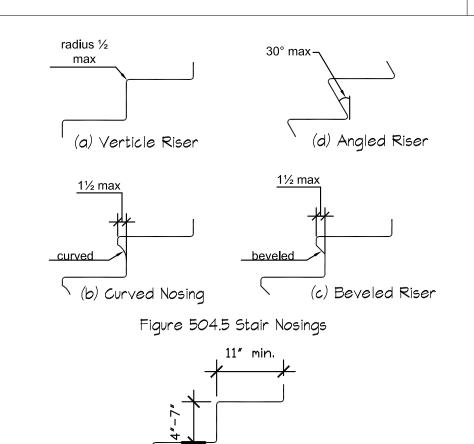
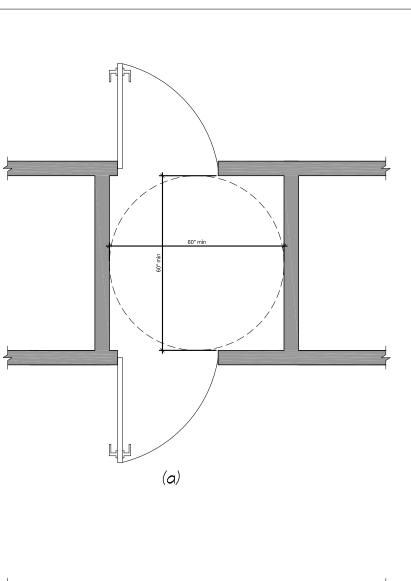


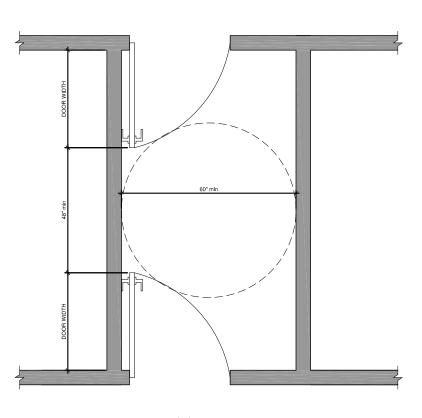
Figure 504.2 Treads and Risers for Accessible Stairways 504.2 Treads and Risers. All steps on a flight of stairs shall have uniform riser height and uniform tread depth. Risers shall be 4 inches (100 mm) minimum and 7 inches (180 mm) maximum in height. Treads shall be 11 inches (280 mm) minimum in depth. 504.3 Open Risers. Open risers shall not be permitted.

504.4 Tread Surface. Stair treads shall comply with Section 302 and shall have a slope not steeper than 1:48.

504.5 Nosings. The radius of curvature at the leading edge of the tread shall be 1/2 inch (13 mm) maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall be 11/2 inches (38

504.5.1 Visual contrast. The leading 2 inches (51 mm) of the tread shall have visual contrast of dark-on-light or light-on-dark





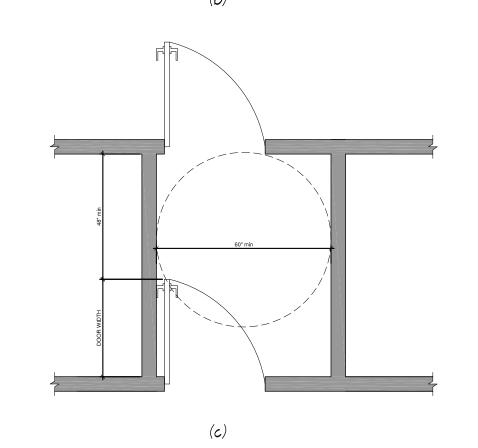
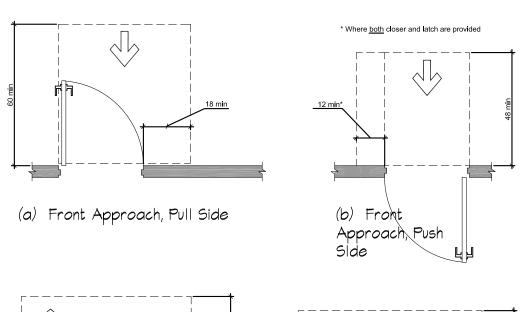
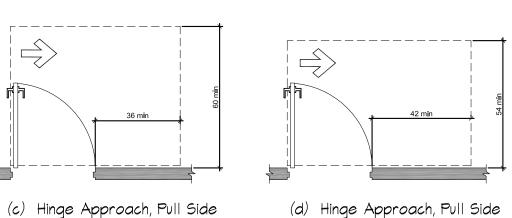
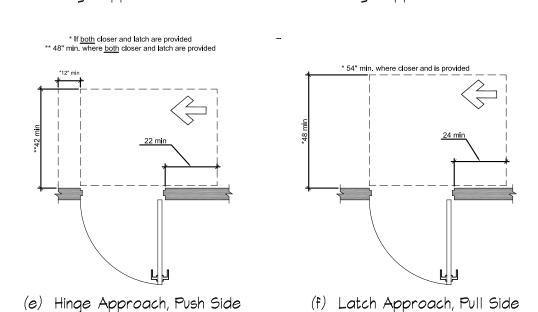


Figure 404.2.5

Two Doors in Series







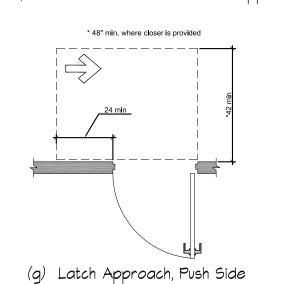


Figure 404.2.3.2 Maneuvering Clearances at Manual Swinging

Perpendicular to Door (1)

MINIMUM CLEARANCES

Beyond Latch Parallel to Door

(d) Doorways without Door

Figure 404.2.2

Clear Width of Doorways

TYPE OF USE

Approach

Direction

From Front	Pull	60"	18"
From Front	Push	48"	O" (3)
From Hinge	Pull	60" 54"	36" 42"
From Hinge	Push	42"(1)	22" (3\$4)
From Latch	Pull	48"	24"
From Latch	Push	42" (2)	24"
	Cl	Table 404.2.3.2 Mo earances of Manual Sv	
	32 min		(c) Folding Door
			36 min
(a)	Hinged Do	oor	***

404.2 Manual Doors. Manual doors and doorways, and manual gates, including ticket gates, shall comply with Section 404.2. EXCEPTION: Doors, doorways, and gates designed to be operated only by security personnel shall not be required to comply with Sections 404.2.6, 404.2.7, and 404.2.8. 404.2.1 Double-Leaf Doors and Gates. At least one of the active leaves of doorways with two leaves shall comply with Sections 404.2.2 and 404.2.3.

404.2.2 Clear Width. Doorways shall have a clear opening width of 32 inches (815 mm) minimum. Clear opening width of doorways with swinging doors shall be measured between the face of door and stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) in depth at doors and doorways without doors shall provide a clear opening width of 36 inches (915 mm) minimum. There shall be no projections into the clear opening width lower than 34 inches (865 mm) above the floor. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the floor shall not exceed 4 inches (100 mm).

Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the floor. In alterations, a projection of 5/s inch (16mm) maximum into the required clear opening width shall be permitted for the latch side stop.

404.2.3 Maneuvering Clearances. Minimum maneuvering clearances at doors shall comply with Section 404.2.3 and shall include the full clear opening width of the doorway. Required door I maneuvering clearances shall not include knee and toe clearance. 404.2.4 Thresholds. If provided, thresholds at doorways shall be 1/2 inch (13 mm) maximum in height. Raised thresholds and changes in level at doorways shall comply with Sections 302 and 303.

404.2.5 Two Doors in Series. Distance between two hinged or pivoted doors in series shall be 48 inches (1220 mm) minimum plus the width of any door swinging into the space. The space between the doors shall provide a turning space complying with Section 304. Chapter 4. Accessible Routes 404.2.6 Door Hardware. Handles, pulls, latches, locks, and other operable parts on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, pinching, or twisting of the wrist to operate. Operable parts

of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the floor. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. EXCEPTION: Locks used only for security purposes and not used for normal operation shall not 1 be required to comply with Section 404.2.6.

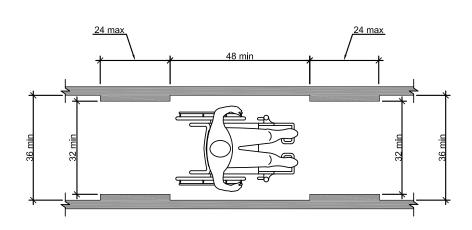


Figure 403.5 Clear Width of an Accessible Route

Segment Length	Minimum Segment Width				
Less Than or Equal to 24"	32″ (See Note)				
Greater Than 24"	36″				
lote: Consecutive segments of 32" wide must be separated by a route segment 48" long minimum and 36" wide minimum.					

Table 403.5 Clear Width of an Accessible Route

F 305 Clear Ground Space **403.5** Clear Width of an Accessible Route

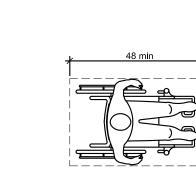
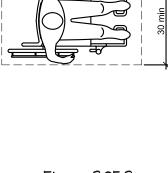


Figure 305.3 Size of Clear Ground Space

305.2 Floor Surfaces. Floor surfaces of a clear floor space shall comply with Section 302. Changes in level are not permitted within the clear floor space.

305.3 Size. The clear floor space shall be 48 inches (1220 mm) minimum in length and 30 inches (760 mm) minimum in width. 305.4 Knee and Toe Clearance. Unless otherwise specified, clear floor space shall be permitted to include knee and toe



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KITCHEN CONSULTANT

TriMark 505 Collins Street South Attelboro, MA 02703-8039 Telephone: (508) 399-6000 Contact: Ed Dresser

Figure 308.2.1 Unobstructed Forward Reach

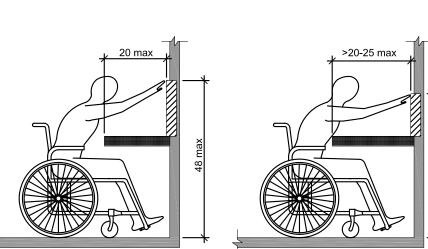
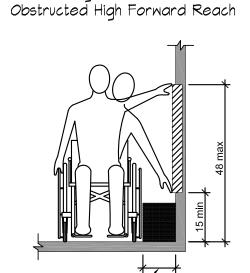
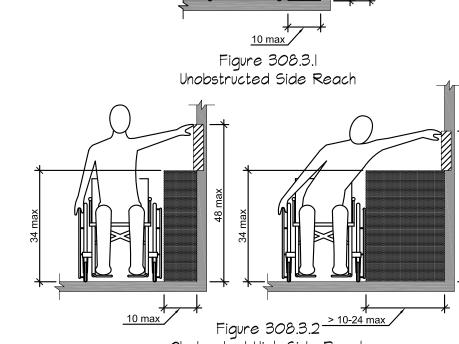


Figure 308.2.2



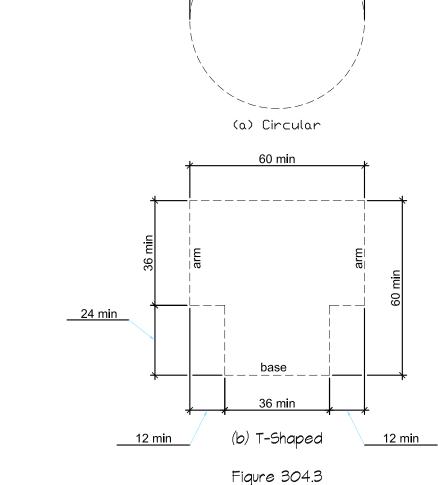


308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the floor.

Obstructed High Side Reach

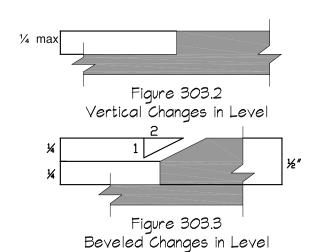
308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space complying with Section 305 shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 40 inches (1220 mm) maximum above the floor where the reach depth is 20 inches (510mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum above the floor, and the reach depth shall be 25 inches (635 mm) maximum.

308.3.1 Unobstructed. Where a clear floor space complying with Section 305 allows a parallel approach to an element and in level in floor surfaces shall comply with Section 303. the edge of the clear floor space is 10 inches (255 mm) maximum from the element, 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 floor.



304.2 Floor or Ground Surface. Floor or ground surfaces of a wheelchair turning space shall have a slope not steeper than 1:48 and shall comply with ICC/ANSI AII7.I-2009 Section 302. 304.3 Size. Wheelchair turning space shall comply with ICC/ANSI A-117.1-2009 Sections 304.3.1 or 304.3.2. (Fig.

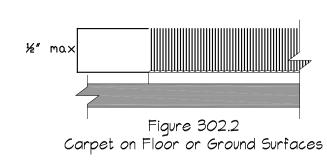
304 Wheelchair Turning Space



Size of Wheelchair Turning Space

303.2 Vertical. Changes in level of 1/4 inch (6.4 mm) maximum in height shall be permitted to be vertical. 303.3 Beveled. Changes in level greater than 1/4 inch (6.4 mm) in height and not more than 1/2 inch (13 mm) maximum in height shall be beveled with a slope not steeper than 1:2. 303.4 Ramps. Changes in level greater than 1/2 inch (13 mm) in height shall be ramped and shall comply with Section 405 or

303 Changes in Level



302 General. 302.1 General. Floor surfaces shall be stable, firm, and slip resistant, and shall comply with Section 302. Changes

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/uncut pile texture. The pile shall be 1/2 inch (13 mm) maximum in height. Exposed edges of carpet shall be fastened to the floor and shall have trim along the entire length of the exposed edge. Carpet edge trim shall comply with Section 303.

DATE COMMENTS

General Notes: Sheet One

Bob's Clam Hut 109 Cumberland Avenue Portland, Maine

G-101.00

SEAL & SIGNATURE 2 OF 13 N/A 29-DECEMBER-201

REVISION

PAUL BENNETT ARCHITECT PC 25 WEST 31ST STREET, NEW YORK, NEW YORK 10014 TEL (212) 209-1177

H 404 Doors and Doorways

(b) Sliding Door

G 308 Reach Ranges

E 302 Floor or Ground Surfaces