406 - CURB RAMPS, CONTINUED

SECTION 406.5 - LOCATION

CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES, OR PARKING ACCESS AISLES. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.

SECTION 406.6 - DIAGONAL CURB RAMPS

DIAGONAL OR CORNER TYPE CURB RAMPS WITH RETURNED CURB OR OTHER WELL-DEFINED EDGES SHALL HAVE THE EDGES PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE A CLEAR SPACE 48" MIN. OUTSIDE ACTIVE TRAFFIC LANES OF THE ROADWAY. DIAGONAL CURB RAMPS PROVIDED AT MARKED CROSSINGS SHALL PROVIDE THE 48" MIN. CLEAR SPACE WITHIN THE MARKINGS. DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENTED OF CURB 24" LONG MIN. LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSINGS.

SECTION 406.7 - ISLANDS

RAISED ISLAND IN CROSSING SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES. EACH CURB RAMP SHALL HAVE A LEVEL AREA 48" LONG MIN. BY 36" MIN. AT THE TOP OF THE CURB RAMP IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSINGS. EACH 48" MIN. BY 36" MIN. AREA SHALL BE ORIENTED SO THAT THE 48" MIN. LENGTH IS IN THE DIRECTION OF THE RUNNING SLOPE OF THE CURB RAMP IT SERVES. THE 48" MIN. BY 36" MIN. AREAS AND THE ACCESSIBLE ROUTE SHALL BE PERMITTED TO OVERLAP.

410 - PLATFORM LIFTS

SECTION 410.1

GENERAL. PLATFROM LIFTS SHALL COMPLY WITH ASME A18.1 (1999 EDITION OR 2003) (INCORPORATE DBY REFERENCE, SEE "REFERENCE STANDARDS" IN CHAPTER 1). PLATFORM LIFTS SHALL NOT BE ATTENDANT-OPERATED AND SHALL PROVIDE UNASSISTED ENTRY AND EXIT FROM THE LIFT.

SECTION 410.6

DOOR AND GATES. PLATFORMS LIFTS SHALL HAVE LOW-ENERGY POWER-OPERATED DOORS OR GATES COMPLYING WITH 404.3. DOORS SHALL REMAIN OPEN FOR 20 SEC. MIN. END DOORS AND GATRES SHALL PROVIDE A CLEAR WIDTH 32" MIN. SIDE DOORS AND GATES SHALL PROVIDE A CLEAR WIDTH 42" MIN.

502-503 - PARKING AND PASSENGER LOADING ZONES

SECTION 502.2 - VEHICLES SPACES

CAR PARKING SPACES SHALL BE 96" WIDE MIN. AND VAN PARKING SPACES SHALL BE 132" WIDE MIN., SHALL BE MARKED TO DEFINE THE WIDTH, AND SHALL HAVE AND ADJACENT ACCESS AISLE COMPLYING WITH 502.3.
EXCEPTION VAN PARKING SPACES SHALL BE PERMITTED TO BE 96" WIDE MIN. WHERE THE ACCESS AISLE IS 96" WIDE MIN.

SECTION 502.6 - IDENTIFICATION

PARKING SPACE IDENTIFICATION SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 703.7.2.1. SIGNS IDENTIFYING VAN PARKING SPACES SHALL CONTAIN THE DESIGNATION "VAN ACCESSIBLE". SIGNS SHALL BE 60" MIN. ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN.

SECTION 503 - PASSENGER LOADING ZONE

SECTION 503.2 - VEHICLE PULL-UP SPACE

PASSAGER LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 96" WIDE MIN. AND 20 FEET LONG MIN.

SECTION 503.3 - ACCESS AISLE

PASSENGER LOADING ZONES SHALL PROVIDE ACCESS AISLES COMPLYING WITH 503 ADJACENT TO THE VEHICLE PULL-UP SPACE. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE AND SHALL NOT OVERLAP THE VEHICULAR WAY.

SECTION 503.3.1 - WIDTH.

ACCESS AISLES SERVING VEHICLE PULL-UP SPACES SHALL BE 60" WIDE MIN.

SECTION 503.3.2 - LENGHT

ACCESS AISLES SHALL EXTEND THE FULL LENGHT OF THE VEHICLE PULL-UP SPACES THEY SERVE.

SECTION 503.5 - VERTICAL CLEARANCE

VEHICLE PULL-UP SPACES, ACCESS AISLES SERVING THEM AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER LOADING ZONE, AND FROM THE PASSENGER LOADING ZONE TO A VEHICULAR EXIT SHALL PROVIDE A VERTICAL CLEARANCE OF 114" MIN.

504- STAIRS

SECTION 504.2 - TREADS AND RISERS

ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4" HIGH MIN. AND 7" HIGH MAX. TREADS SHALL BE 11" DEEP MIN.

SECTION 504.3 - OPEN RISERS

OPEN RISERS ARE NOT PERMITTED.

505 - HANDRAILS

SECTION 505.1 - GENERAL

HANDRAILS PROVIDED ALONG WALKING SURFACES COMPLYING WITH 403, REQUIRED AT RAMPS COMPLYING WITH 405, AND REQUIRED AIRS COMPLYING WITH 504 SHALL COMPLY WITH 505.
ADVISORY 505.1 GENERAL: HANDRAILS ARE REQUIRED ON RAMP RUNS WITH A RISE GREATER THAN 6 INCHES AND ON CERTAIN STAIRWAYS. HANDRAILS ARE NOT REQUIRED ON WALKWAY SURFACES WITH RUNNING SLOPES LESS THAN 1:20. HOWEVER, HANDRAILS ARE REQUIRED TO COMPLY WITH 505 WHEN THEY ARE PROVIDED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20 (SEE 403.6). SECTIONS 505.2, 505.3 AND 505.10 DO NOT APPLY TO HANDRAILS PROVIDED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20 AS THESE SECTIONS ONLY REFERENCE REQUIREMENTS FOR RAMPS AND STAIRS.

SECTION 505.2 - WHERE REQUIRED

HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS.
EXCEPTION: IN ASSEMBLY AREAS, HANDRAILS SHALL NOT BE REQUIRED ON BOTH SIDES OF AISLE RAMPS WHERE A HANDRAILS IS PROVIDED AT EITHER SIDE OR WITHIN THE AISLE WIDTH.

SECTION 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 AND RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS.
EXCEPTION: IN ASSEMBLY AREAS, HANDRAILS ON RAMPS SHALL NOT BE REQUIRED TO BE CONTINUOUS IN AISLES SERVING SEATING.

SECTION 505.10.2 - TOP EXTENSIONS AT STAIRS

AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12" MIN. BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING.
EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.

SECTION 505.10.3 - BOTTOM EXTENSION AT STAIRS

AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FOR A HORIZONTAL DISTANCE AT LEAST EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING. EXTENSION SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.

602 - DRINKING FOUNTAINS

SECTION 602.2 CLEAR FLOOR SPACE

UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED.

SECTION 602.3 - OPERABLE PARTS

OPERABLES PARTS SHALL COMPLY WITH 309.

SECTION 602.4 - SPOUT HEIGHT

SPOUT OUTLETS SHALL BE 36" MAX. ABOVE THE FINISH FLOOR OR GROUND.

SECTION 602.5 - SPOUT LOCATION

THE SPOUT SHALL BE LOCATED 15" MIN. FROM THE VERTICAL SUPPORT AND 5" MAX. FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS.

SECTION 602.6 - WATER FLOW

THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" HIGH MIN. AND SHALL BE LOCATED 5" MAX. FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURE HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3" OF THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAX. WHERE SPOUTS ARE LOCATED BETWEEN 3" AND 5" MAX. FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAX.

603 - TOILET AND BATHING ROOMS

SECTION 603.2.1. TURNING SPACE.

TURNING SPACE COMPLYING WITH 304 SHALL BE PROVIDED WITHIN THE ROOM

SECTION 603.2.2. OVERLAP.

REQUIRED CLEAR FLOOR SPACES, CLEARANCE AT FIXTURES, AND TURNING SPACE SHALL BE PERMITTED TO OVERLAP

SECTION 603.2.3. DOOR SWING.

DOOR S SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS SHALL BE PERMITTED TO SWING INTO THE REQUIRED TURNING SPACE.
EXCEPTION: 1. DOORS TO A TOILET ROOM OR BATHING ROOM FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE PROVIDED THE SWING OF THE DOOR CAN BE REVERSED TO COMPLY WITH 603.2.3.
2. WHERE THE TOILET ROOM OR BATHING ROOM IS FOR INDIVIDUAL USE AND A CLEAR FLOOR SPACE COMPLYING WITH 305.3. IS PORVIDED WITH THE ROOM BEYOND THE ARC OF DOOR SWING, DOORS SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE.

603 - TOILET AND BATHING ROOMS, CONTINUED

SECTION 603.3 - MIRRORS

MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTIVE SURFACE 40" MAX. ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35" MAX. ABOVE THE FINISH FLOOR OR GROUND.

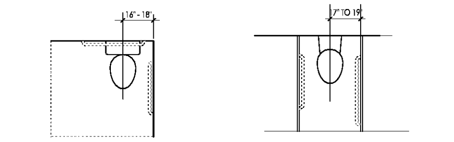
SECTION 603.4. - COAT HOOKS AND SHELVES

COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN 308. SHELVES SHALL BE LOCATED 40" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR.

604 - WATER CLOSETS AND TOILET COMPARTMENTS

SECTION 604.2. - LOCATION

THE WATER CLOSET SHALL BE POSITION WITH A WALL OR PARTITION TO THE REAR AND THE ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16" MIN. TO 18" MAX. FROM THE SIDE OF WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17" MIN. AND 19" MAX. FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN 604.8.2. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT HAND APPROACH.



WHEELCHAIR ACCESS. WATER CLOSET (A) AMBULATORY ACCESSIBLE WATER CLOSETS (B)

SECTION 604.3 - CLEARANCE

SECTION 604.3.1. - SIZE

CLEARANCE AROUND A WATER CLOSET SHALL BE 60" MIN. MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56" MIN. MEASURE PERPENDICULAR FROM THE REAR WALL.

SECTION 604.4 - SEATS

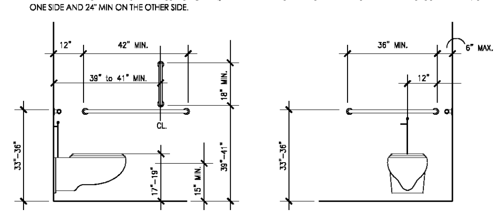
THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17" MIN. AND 19" MAX. MEASURED TO THE TOP PF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION.

SECTION 604.5.1 - GRAB BARS - SIDE WALL

THE SIDE WALL GRAB BAR SHALL BE 42" LONG MIN., LOCATED 12" MAX. FROM THE REAR WALL AND EXTENDING 54", MINIMUM FROM THE REAR WALL.

SECTION 604.5.2 - GRAB BARS - REAR WALL

THE REAR WALL GRAB BAR SHALL BE 36" LONG MIN., AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12" MIN. ON ONE SIDE AND 24" MIN ON THE OTHER SIDE.



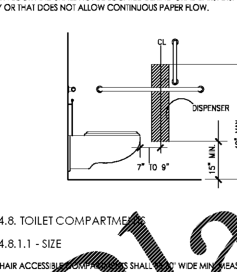
NOTE:
1. *VERTICAL MEASUREMENTS FOR HORIZONTAL GRAB-BARS ARE TO TOP OF BAR SURFACE.*
2. *VERTICAL 18" (MIN.) GRAB-BAR IS REQUIRED BY ANSI 117 AS REFERENCED BY THE IBC.*

SECTION 604.6 - FLUSH CONTROLS

FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH 604.8.2.

SECTION 604.7 - DISPENSERS

TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4. AND SHALL BE 7" MIN. AND 9" MAX. IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 15" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW.



SECTION 604.8. TOILET COMPARTMENTS

SECTION 604.8.1.1 - SIZE

WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60" WIDE MIN. MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56" DEEP MINIMUM FOR WALL HUNG WATER CLOSETS AND 59" DEEP MINIMUM FOR FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. WHEELCHAIR ACCESSIBLE COMPARTMENTS FOR CHILDREN'S USE SHALL BE 60" WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 59" DEEP MINIMUM FOR WALL HUNG AND FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL.

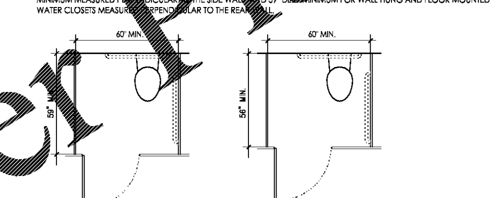
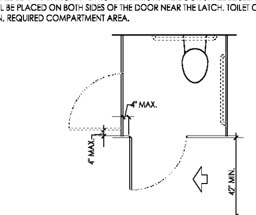


FIGURE 604.8.1.1
SIZE OF WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT

SECTION 604.8.1.2 - DOORS

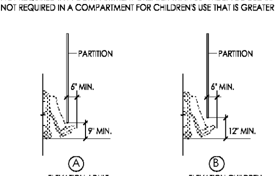
TOILET COMPARTMENTS DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42" MIN. DOORS SHALL BE LOCATED IN THE FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. WHERE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4" MAX. FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. WHERE LOCATED IN THE SIDE WALL OR PARTITION, THE DOOR OPENING SHALL BE 4" MAX FROM THE FRONT PARTITION. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH 404.2.7 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MIN. REQUIRED COMPARTMENT AREA.



604 - WATER CLOSETS AND TOILET COMPARTMENTS, CONTINUED

SECTION 604.8.1.3 - TOE CLEARANCES

THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9" MIN. ABOVE THE FINISH FLOOR AND 6" DEEP MIN. BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS. COMPARTMENTS FOR CHILDREN'S USE SHALL PROVIDE A TOE CLEARANCE OF 12" MIN. ABOVE FINISH FLOOR.
EXCEPTION: TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 62" DEEP WITH A WALL-HUNG WATER CLOSET OR 65" DEEP WITH A FLOOR-MOUNTED WATER CLOSET. TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66" WIDE. TOE CLEARANCE AT THE THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT FOR CHILDREN'S USE THAT IS GREATER THAN 65" DEEP.



(A) ELEVATION ADULT (B) ELEVATION CHILDREN

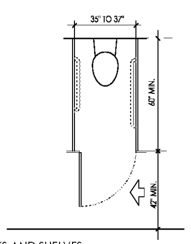
SECTION 604.8.2. - AMBULATORY ACCESSIBLE COMPARTMENTS

SECTION 604.8.2.1. - SIZE

AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 60" MIN. AND A WIDTH OF 35" MIN. AND 37" MAX.

SECTION 604.8.2.2. - DOORS

TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH 404, EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42" MIN. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH 404.2.7 SHALL BE PLACED OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA.



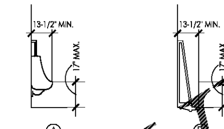
SECTION 604.8.3. - COAT HOOKS AND SHELVES

COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN 308. SHELVES SHALL BE LOCATED 40" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR.

605 - URINALS

SECTION 605.2 - HEIGHT AND DEPTH

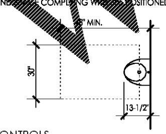
URINALS SHALL BE STALL-TYPE OR WALL-HUNG WITH THE RIM AT 17" MAXIMUM ABOVE THE FINISHED FLOOR OR GROUND. URINALS SHALL BE 13 1/2" DEEP MIN. MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE.



(A) WALL HUNG TYPE (B) STALL TYPE

SECTION 605.3 - CLEAR FLOOR SPACE

A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED



SECTION 605.4 - FLUSH CONTROLS

FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309.

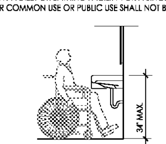
606 - LAVATORIES & SINKS

SECTION 606.2 - CLEAR FLOOR SPACE

A CLEAR FLOOR SPACE COMPLYING WITH 305, POSITION FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED.
EXCEPTION: 1. A PARALLEL APPROACH COMPLYING WITH 305 SHALL BE PERMITTED TO A KITCHEN SINK IN A SPACE WHERE A COOK TOP OR CONVENTIONAL RANGE IS NOT PROVIDED AND TO WET BARS
2. A LAVATORY IN A TOILET ROOM OR BATHING FACILITY FOR A SINGLE OCCUPANT ACCESED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE SHALL NOT BE REQUIRED TO PROVIDE KNEE AND TOE CLEARANCE COMPLYING WITH 306.

SECTION 606.3 - HEIGHT

LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34" MAX. ABOVE THE FINISH FLOOR OR GROUND.
EXCEPTIONS: 1 A LAVATORY IN A TOILET OR BATHING FACILITY FOR A SINGLE OCCUPANT ACCESSED ONLY TROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE SHALL NOT BE REQUIRED TO COMPLY WITH 606.3.



SECTION 606.4 - FAUCETS

CONTROLS FOR FAUCETS SHALL COMPLY WITH 309. HAND-OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MIN.

SECTION 606.5 - EXPOSED PIPESS AND SURFACES

WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE LAVATORIES AND SINKS.

609 - GRAB BARS

SECTION 609.2 - CROOS SECTION

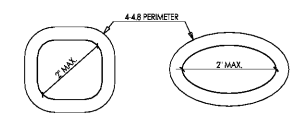
GRAB BARS SHALL HAVE A CROSS SECTION COMPLYING WITH 609.2.1 OR 609.2.2.

SECTION 609.2.1 - CIRCULAR CROOS SECTION

GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4" MINIMUM AND 2" MAX.

SECTION 609.2.2 - NON-CIRCULAR CROOS SECTION

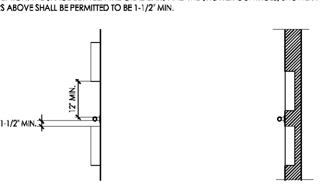
GRAB BARS WITH NON-CIRCULAR CROSS SECTIONS SHALL HAVE A CROSS-SECTION DIMENSIONS OF 2" MAX. AND A PERIMETER DIMENSION OF 4" MIN. AND 4.8" MAX.



609 - GRAB BARS, CONTINUED

SECTION 609.3. - SPACING

THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2". THE SPACE BETWEEN THE GRAB BAR AND THE PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1-1/2" MIN. THE SPACE BETWEEN THE GRAB BAR AND THE PROJECTING OBJECTS ABOVE SHALL BE 12" MIN.
EXCEPTION: THE SPACE BETWEEN THE GRAB BARS AND THE SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE SHALL BE PERMITTED TO BE 1-1/2" MIN.



PROJECTING OBJECTS (A) RECESSED OBJECTS (A)

SECTION 609.4 - POSITION OF GRAB BARS

GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33" MIN. AND 36" MAX. ABOVE THE FINISH FLOOR MEASURE D TO THE TOP OF THE GRIPPING SURFACE, EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S USE COMPLYING 604.9, GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18" MIN. AND 27" MAX. ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE. THE HEIGHT OF THE LOWER GRAB BAR ON THE BACK WALL OF A BATHTUB SHALL COMPLY WITH 607.4.1.1 OR 607.4.2.1.

SECTION 609.5 - SURFACE HAZARDS.

GRAB BARS AND ANY WALL OR OTHER SURFACES ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.

SECTION 609.6 - FITTINGS.

GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS

SECTION 609.7. - INSTALLATION

GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE AT THE SPECIFIED LOCATIONS AND THAT DOES NOT OBSTRUCT THE REQUIRED CLEAR FLOOR SPACE.

SECTION 609.8. - STRUCTURAL STRENGTH

ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.

702 - FIRE ALARM SYSTEMS

SECTION 702.1 - GENERAL

FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH nfpa 72 (1999 or 2002 EDITION) (INCORPORATED BY REFERENCE, SEE "REFERENCE STANDARDS" IN CHAPTER 1), EXCEPT THAT THE MAXIMUM ALLOWABLE SOUND LEVEL OF AUDIBLE NOTIFICATIONS APPLIANCES COMPLYING WITH SECTION 4-3.2.1 OF NFPA 72 (1999 EDITION) SHALL HAVE A SOUND LEVEL NO MORE THAN 110 dB AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. IN ADDITION, ALARMS IN GUEST ROOMS REQUIRED TO PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH SECTIONS 4-3 AND 4-4 OF NFPA 72 (1999 EDITION) OR SECTIONS 7.4 AND 7.5 OF NFPA 72 (2002 EDITION).
EXCEPTION: FIRE ALARM SYSTEMS IN MEDICAL CARE FACILITIES SHALL BE PERMITTED TO BE PROVIDED IN ACCORDANCE WITH INDUSTRY PRACTICE.

703 - SIGNS

SECTION 703.1 - GENERAL

SIGNS SHALL COMPLY WITH 703. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.

SECTION 703.2 - RAISED CHARACTERS

RAISED CHARACTERS SHALL COMPLY WITH 703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 703.3. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH 703.4.

ADVISORY 703.2 - RAISED CHARACTERS.

SIGNS THAT ARE DESIGNATED TO BE READ BY TOUCH SHOULD NOT HAVE SHARP OR ABRASIVE EDGES.

SECTION 703.2.1 - DEPTH.

RAISED CHARACTERS SHALL BE 1/32" MIN. ABOVE THE BACKGROUND.

SECTION 703.2.2 - CASE.

CHARACTERS SHALL BE UPPERCASE.

SECTION 703.2.3 - STYLE.

CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.

SECTION 703.2.4 - CHARACTER PROPORTIONS.

CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55 PERCENT MIN. AND 110 PERCENT MAX OF THE HEIGHT OF THE UPPER CASE LETTER "I".

SECTION 703.2.5 - CHARACTER HEIGHT.

CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" MIN. AND 2" MAX BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".
EXCEPTION: WHERE SEPARATE RAISED AND VISUAL CHARACTERS WITH THE SAME INFORMATION ARE PROVIDED, RAISED CHARACTER HEIGHT SHALL BE PERMITTED TO BE 1/2" MIN.

SECTION 703.2.6 - STROKE THICKNESS

STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAX. OF THE HEIGHT OF THE CHARACTER.

SECTION 703.2.7 - CHARACTER SPACING

CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16" MIN. AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8 " MIN. AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAX. AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8" MIN.

SECTION 703.2.8 - LINE SPACING

SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MIN. AND 170 PERCENT MAX. OF THE RAISED CHARACTER HEIGHT.

SECTION 703.3 - BRAILLE

BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH 703.3. AND 703. 4

SECTION 703.3.1 - DIMENSIONS AND CAPITALIZATION.

BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS.

SECTION 703.3.2 - POSITION.

BRAILLE SHALL BE POSITION BELOW CORRESPONDING TEXT. IF THE TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8" MIN. FROM ANY OTHER TACTILE CHARACTERS AND 3/8" MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS.

SECTION 703.4 - INSTALLATION HEIGHT AND LOCATION

SECTION 703.4.1 - HEIGHT ABOVE FINISH FLOOR OR GROUND

TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48" MIN. ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60" MAX. ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER.
EXCEPTION: TACTILE CHARACTERS FOR ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED TO COMPLY WITH 703.4.1.

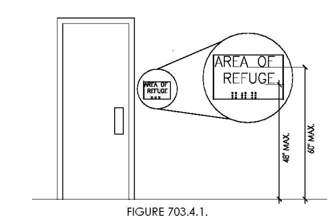


FIGURE 703.4.1.
HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GROUND

703 - SIGNS, CONTINUED

SECTION 703.4.2. -LOCATION

WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT A DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT A DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT SIDE OF DOUBLE DOORS, WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" MIN. BY 18" MIN. , CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.
EXCEPTION: SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES

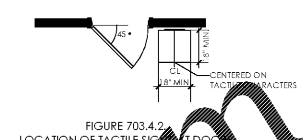


FIGURE 703.4.2.
LOCATION OF TACTILE SIGNS AT DOORS

SECTION 703.5. -VISUAL CHARACTERS

SECTION 703.5.1. -FINISH AND CONTRAST.

CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

SECTION 703.5.2. -HEIGHT FROM FINISH FLOOR OR GROUND.

VISUAL CHARACTERS SHALL BE 40" MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

SECTION 703.5.3. -CASE.

CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A COMBINATION OF BOTH.

SECTION 703.5.5. -STYLE.

CHARACTERS SHALL BE CONVENTIONAL IN FORM. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.

SECTION 703.5.6. -HEIGHT FROM FINISH FLOOR OR GROUND.

VISUAL CHARACTERS SHALL BE 40" MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

SECTION 703.6 - PICTOGRAMS

SECTION 703.6.1 - PICTOGRAMS FIELD

PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD.

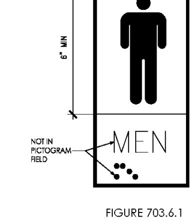


FIGURE 703.6.1
PICTOGRAM FIELD

SECTION 703.6.2 - FINISH AND CONTRAST

PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD

SECTION 703.6.2 - FINISH AND CONTRAST

PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL COMPLY WITH 703.2, 703.3, 703.4.

SECTION 703.7 - SYMBOLS OF ACCESSIBILITY

SECTION 703.7.1 - FINISH AND CONTRAST

SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND.

SECTION 703.7.2 - SYMBOLS

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 703.7.2.1

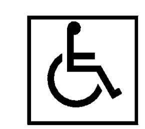


FIGURE 703.7.2.1.
INTERNATIONAL SYMBOL OF ACCESSIBITY

902 - DINING SURFACES AND WORK SURFACES

SECTION 902.2 - CLEAR FLOOR OR GROUND SPACE

A CLEAR FLOOR SPACE COMPLYING WITH 305 POSITIONED FOR A FORWARD APPROACH SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDE.

SECTION 902.3 - HEIGHT

THE TOPS OF DINNING SURFACE AND WORK SURFACES SHALL BE 28" MIN. AND 34" MAX ABOVE THE FINISH FLOOR OR GROUND.

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