

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 TRAVEL LANE, PARKING SPACES, OR PARKING ACCESSIBLE AREAS. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, INCLUDING ANY PARALLEL 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 FEEDERWAY FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE A CLEAR SPACE 48" MIN. OUTSIDE ACTIVE TRAFFIC LANE 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 CURB 24" LONG MIN. LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSINGS.

SECTION 406.7 - ISLANDS

RAISED ISLAND CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH ENDS. EACH CURB RAMP SHALL HAVE A LEVEL AREA 48" LONG MIN. BY 36" MIN. AT THE TOP OF THE CURB RAMP IN THE AREA 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. THESE 48" MIN. BY 36" MIN. AREAS AND THE ACCESSIBLE ROUTE SHALL BE PERMITTED TO OVERLAP.

410 - PLATFORM LIFTS

SECTION 410.1

GENERAL PLATFORM LIFTS SHALL COMPLY WITH ASME A18.1 (1999 EDITION OR 2003) INCORPORATE DRY 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. PLATFORM LIFTS SHALL HAVE LOW ENERGY POWER-OPERATED DOORS OR GATES COMPLYING WITH 404.3 DOORS SHALL REMAIN OPEN FOR 20 SEC. MIN. EXCEPT DOORS AND GATES 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 9'6" WIDE MIN. AND VAN PARKING SPACES SHALL BE 10'2" WIDE MIN. SHALL BE MARKED TO DEFINE THE WIDTH, AND SHALL HAVE AN ADJACENT ACCESSIBLE COMPETING WITH 502.3. SECTION VAN PARKING SPACES SHALL BE PERMITTED TO BE 9'6" WIDE MIN. WHERE THE ACCESS IS 9'6" WIDE MIN.

SECTION 502.6 - IDENTIFICATION

PARKING SPACE IDENTIFICATION SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 703.2.1. 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

PASSENGER LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 9'6" WIDE MIN. AND 20 FEET LONG MIN.

SECTION 503.3 - ACCESSIBLE

PASSENGER LOADING ZONES SHALL PROVIDE ACCESSIBLE CURBS WITH 503 ADJACENT TO THE VEHICULAR PULL-UP SPACE. ACCESSIBLE CURBS SHALL ADJOIN AND SHALL NOT OVERLAP THE VEHICULAR WAY.

SECTION 503.3.1 - WIDTH

ACCESSIBLE SERVING VEHICLE PULL-UP SPACES SHALL BE 67" WIDE MIN.

SECTION 503.3.2 - LENGTH

ACCESSIBLE SHALL EXTEND THE FULL LENGTH OF THE VEHICLE PULL-UP SPACES THEY SERVE.

SECTION 503.5 - VERTICAL CLEARANCE

VEHICLE PULL-UP SPACES, ACCESSIBLE 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 11'4" 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 ALONG COMPLYING WITH 403. 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 403.4). SECTIONS 505.2, 505.3 AND 505.4 DO NOT APPLY TO HANDRAILS PROVIDED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20 AS THOSE SECTIONS ONLY REFERENCE REQUIREMENTS FOR RAMPS AND STAIRS.

SECTION 505.2 - WHERE REQUIRED

HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS. SECTION IN ASSEMBLY AREAS. HANDRAILS SHALL NOT BE REQUIRED ON BOTH SIDES OF ASLE RAMPS WHERE A HANDRAIL IS PROVIDED AT EITHER SIDE OR WITHIN THE WALKWAY.

SECTION 505.3 - CONTINUITY

HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RAMP RUN. INSIDE HANDRAILS ON SWITCH-BACK OR DOGLEG STAIRS AND RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS. SECTION 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 304 SHALL BE PROVIDED.

SECTION 602.3 - OPERABLE PARTS

OPERABLE 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" FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPER.

SECTION 602.6 - WATER FLOW

THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" HIGH MIN. AND SHALL BE LOCATED 2" MAX. FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED RELATIVE TO THE VERTICAL. WHERE SPOTS ARE LOCATED LESS THAN 3" FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL NOT DECREASE MAX. WHERE SPOTS ARE LOCATED BETWEEN 3" AND 5" FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAX.

603 - TOILET AND BATHING ROOM

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.

DOORS 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 ACCESSIBLE 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 403.2.3. 2. WHERE THE TOILET ROOM OR BATHING ROOM IS FOR INDIVIDUAL USE AND A CLEAR FLOOR SPACE COMPLYING WITH 303.3 IS PROVIDED 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 LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTIVE SURFACE 36" MAX. ABOVE THE FINISH FLOOR OR GROUND.

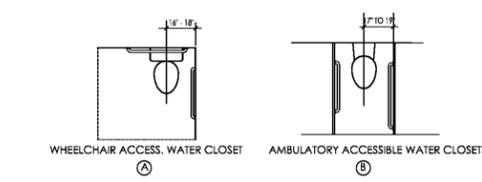
SECTION 603.4 - COAT HOOKS AND SHELVES

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 POSITIONED 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 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 604.2. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH.



SECTION 604.3. - CLEARANCE

CLEARANCE ABOVE A WATER CLOSET SHALL BE 67" MIN. MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56" MIN. MEASURED PERPENDICULAR FROM THE REAR WALL.

SECTION 604.4. - SEATS

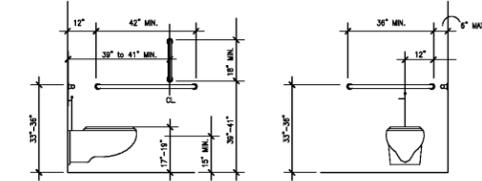
THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17" MIN. AND 19" MAX. MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO REVEIN TO A LIFTED POSITION.

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. NOTE: HEIGHT ABOVE THE FINISH FLOOR TO BE 38" - 36" TO THE TOP OF THE BAR. NOTE: IN 117 (REQUIRE) A VERTICAL GRAB-BAR OF 18" (MIN.) LOCATED FROM THE FLOOR AT 39"-41"

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: HEIGHT ABOVE THE FINISH FLOOR TO BE 38" - 36" TO THE TOP OF THE BAR.

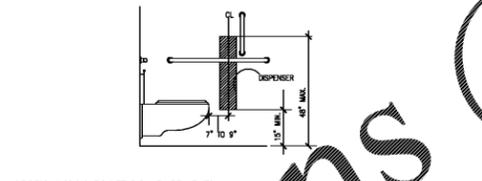


SECTION 604.6. - FLUSH CONTROLS

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 604.2.

SECTION 604.7. - DISPENSERS

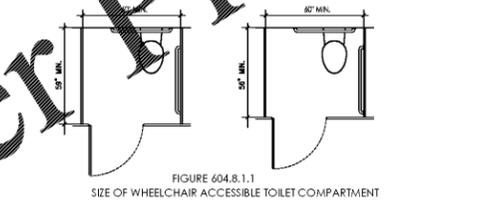
TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4. AND SHALL BE 7" MIN. AND 9" MAX. IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 15" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSERS SHALL NOT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



SECTION 604.8. TOILET COMPARTMENTS

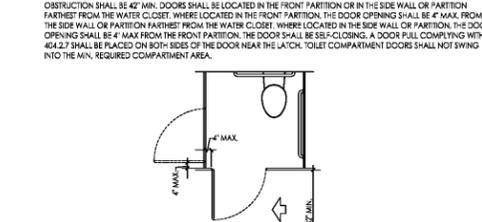
SECTION 604.8.1.1 - SIZE

WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60" WIDE MIN. MEASURED PERPENDICULAR TO THE SIDE WALL AND 56" DEEP MINIMUM FROM THE WATER CLOSET. EXCEPT FOR TOILET ROOMS LOCATED IN AMBULATORY ACCESSIBLE COMPARTMENTS FOR CHILDREN'S USE SHALL BE 60" WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56" DEEP MINIMUM FROM WALL HUNG AND FLOOR MOUNTED WATER CLOSETS. HANDRAILS SHALL BE PROVIDED PER 505.



SECTION 604.8.1.2 - DOORS

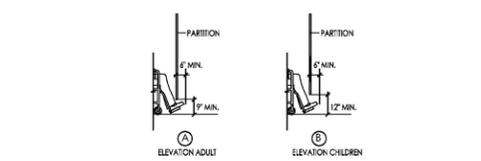
TOILET COMPARTMENTS DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42" MIN. DOORS SHALL BE LOCATED IN THE FRONT PARTITION OR IN THE SIDE WALL OR PARTITION PARTIALLY FROM THE WATER CLOSET. WHERE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4" MAX. FROM THE SIDE WALL OR PARTITION PARTIALLY 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 4" 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. EXCEPT: TOE CLEARANCE AT THE FRONT PARTITION SHALL NOT BE REQUIRED IN A COMPARTMENT GREATER THAN 67" DEEP WITH A WALL HUNG WATER CLOSET OR 48" DEEP WITH A FLOOR MOUNTED WATER CLOSET. TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66" WIDE. TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT FOR CHILDREN'S USE THAT IS GREATER THAN 48" DEEP.



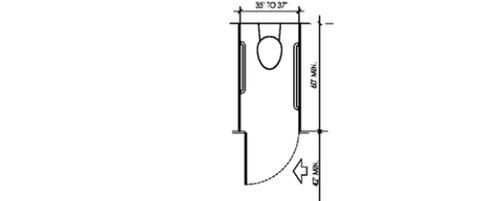
SECTION 604.8.2. - AMBULATORY ACCESSIBLE COMPARTMENTS

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 ON THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA.



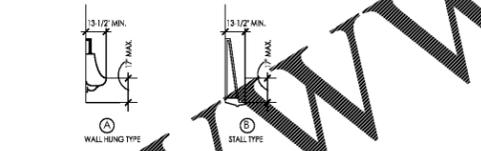
SECTION 604.8.3. - COAT HOOKS AND SHELVES

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

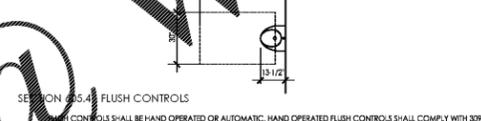
SECTION 605.2. - HEIGHT AND DEPTH

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 URINAL.



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.

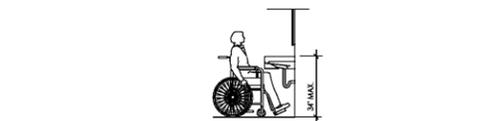
606 - LAVATORIES & SINKS

SECTION 606.2. - CLEAR FLOOR SPACE

A CLEAR FLOOR SPACE COMPLYING WITH 305. POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE COMPLYING WITH 304 SHALL BE PROVIDED. EXCEPT: 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 THE BATH. 2. A LAVATORY IN A TOILET ROOM OR BATHING FACILITY FOR A SINGLE OCCUPANT ACCESSIBLE 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 304.

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 ACCESSIBLE ONLY THROUGH 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 PIPES 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. - CROSS SECTION

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

SECTION 609.2.1 - CIRCULAR CROSS 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 CROSS SECTION

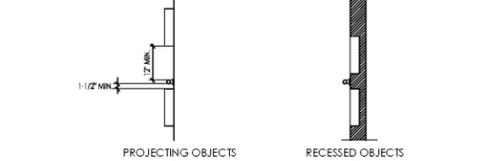
GRAB BARS WITH NON-CIRCULAR CROSS SECTIONS SHALL HAVE A CROSS SECTION DIMENSIONS OF 2" MAX. AND A PERIMETER DIMENSION OF 4" MIN. AND 4.8" MAX.



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. EXCEPT: THE SPACE BETWEEN THE GRAB BARS AND THE SHOWER CONTROLS, SHOWER FIXTURES, AND OTHER GRAB BARS ABOVE SHALL BE PERMITTED TO BE 1-1/2" MIN.



SECTION 609.4. - POSITION OF GRAB BARS

GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33" MIN. AND 38" MAX. ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE. EXCEPT THAT WATER CLOSETS FOR CHILDREN'S USE COMPLYING WITH 604.8. 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 OR 607.4.2.

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 ROUND EDGES.

SECTION 609.6. - FITTINGS.

GRAB BARS SHALL NOT ROTATE WITH THEIR FITTINGS.

SECTION 609.7. - INSTALLATION

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

SECTION 609.8. - STRUCTURAL STRENGTH

ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MAXIMUM ALLOWED WEIGHTS. VERTICAL OR HORIZONTAL FORCES UP TO 250 LBS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENERS, OR SUPPORTING STRUCTURES.

702 - FIRE ALARM SYSTEMS

SECTION 702.1. - GENERAL

FIRE ALARM SYSTEMS SHALL BE PERMANENTLY INSTALLABLE AND VISIBLE ALARMS COMPLYING WITH 702.1 (1999 OR 2003 EDITION) INCORPORATED. EXCEPT THAT THE MAXIMUM SOUND LEVEL OF ALL NOTIFICATIONS OF ALARMS COMPLYING WITH SECTION 4.3.2.1 OF NFPA 72 (1999 EDITION) SHALL HAVE A SOUNDING DISTANCE OF 15 DB AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE ALARM. IN ADDITION, ALARMS IN PUBLIC AREAS SHALL BE REQUIRED TO PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH SECTION 4.3 AND 4.4 OF NFPA 72 (1999 EDITION) OR SECTION 7.4 AND 7.5 OF NFPA 72 (2002 EDITION). EXCEPT: THE ALARMS IN HEALTH CARE FACILITIES SHALL BE PERMITTED TO BE PROVIDED IN ACCORDANCE WITH INDUSTRY PRACTICES.

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.