12/19/2017 2:49:41 PM

GENERAL ASSOCIATED NOTES:

CORRIDORS & AISLES
THE TERM CORRIDOR SHALL INCLUDE EXTERIOR EXIT BALCONIES AND ANY COVERED OR ENCLOSED EXIT PASSAGEWAY, INCLUDING WALKWAYS, TUNNELS AND MALLS. PARTITIONS, RAILS, COUNTERS, AND OTHER SIMILAR SPACE DIVIDERS NOT OVER 5'-9" IN HEIGHT ABOVE THE FLOOR SHALL NOT BE CONSTRUED TO FORM CORRIDORS.
1. EVERY CORRIDOR SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL NOT BE LESS THAN 44" IN WIDTH.
2. CORRIDORS SERVING AN OCCUPANT LOAD OF LESS THAN 10 SHALL NOT BE LESS THAN 36" IN WIDTH.
3. CIRCULATION AISLES AND PEDESTRIAN WAYS SHALL BE SIZED ACCORDING TO FUNCTIONAL REQUIREMENTS AND IN NO CASE SHALL BE LESS THAN 36" IN CLEAR WIDTH.
4. EVERY AISLE SHALL BE NOT LESS THAN 36" WIDE IF SERVING ONLY ONE SIDE AND NOT LESS THAN 42" WIDE IF SERVING BOTH SIDES.

FLOORS & LEVELS
NOTE: LEVEL AREA IS DEFINED AS "A SPECIFIED SURFACE THAT DOES NOT HAVE A SLOPE IN ANY DIRECTION EXCEEDING 1/4 INCH IN ONE FOOT FROM THE HORIZONTAL (2.083% GRADIENT)".
1. IN BUILDINGS AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS, OR SPECIAL ACCESS LIFTS.
2. GROUND AND FLOOR SURFACES ALONG ACCESSIBLE ROUTES AND IN ACCESSIBLE ROOMS AND SPACES, INCLUDING FLOORS, WALKS, RAMPS, STAIRS, AND CURB RAMPS, SHALL BE STABLE, FIRM, AND SLIP-RESISTANT.
3. CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT.
4. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A RAMP NO STEEPER THAN 1 VERTICAL TO 2 HORIZONTAL.
5. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A RAMP.
6. IF CARPET OR CARPET TILE IS USED ON A GROUND OR FLOOR SURFACE, IT SHALL BE SECURELY ATTACHED; HAVE A FIRM CUSHION, PAD OR BACKING OR NO CUSHION OR PAD; AND HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. THE MAXIMUM PILE HEIGHT SHALL BE 1/2". EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH CODE.

SANITARY FACILITIES (GENERAL)
1. SANITARY FACILITIES THAT SERVE BUILDINGS, FACILITIES OR PORTIONS OF BUILDINGS OR FACILITIES THAT ARE REQUIRED TO BE ACCESSIBLE TO PERSONS WITH DISABILITIES ARE REQUIRED TO BE ACCESSIBLE.
2. WHERE SEPARATE FACILITIES ARE PROVIDED FOR NON-DISABLED PERSONS OF EACH SEX, SEPARATE FACILITIES SHALL BE PROVIDED FOR PERSONS WITH DISABILITIES OF EACH SEX ALSO. WHERE UNISEX FACILITIES ARE PROVIDED FOR PERSONS WITHOUT DISABILITIES, AT LEAST ONE UNISEX FACILITY SHALL BE PROVIDED PERSONS WITH DISABILITIES WITHIN CLOSE PROXIMITY TO THE NON-ACCESSIBLE FACILITY.

SINGLE ACCOMMODATION SANITARY FACILITIES
NOTE: SINGLE ACCOMMODATION SANITARY FACILITY IS DEFINED AS "A ROOM THAT HAS NOT MORE THAN ONE OF EACH TYPE OF SANITARY FIXTURE, IS INTENDED FOR USE BY ONLY ONE PERSON AT A TIME, HAS NO PARTITION AROUND THE TOILET, AND HAS A DOOR THAT CAN BE LOCKED ON THE INSIDE BY THE ROOM OCCUPANT".
1. THERE SHALL BE SUFFICIENT SPACE IN THE TOILET ROOM FOR A WHEELCHAIR MEASURING 30" WIDE BY 48" LONG TO ENTER THE ROOM AND PERMIT THE DOOR TO CLOSE.
2. THERE SHALL BE IN THE ROOM A CLEAR FLOOR SPACE OF AT LEAST 60" IN DIAMETER, OR A T-SHAPED SPACE OR (B). NO DOOR SHALL ENCROACH INTO THIS SPACE FOR MORE THAN 12" EXCEPT FOR THE PANEL DOOR TO ANY WATER CLOSET COMPARTMENT IF THERE IS ONE.
3. THE WATER CLOSET SHALL BE LOCATED IN A SPACE WHICH PROVIDES A MINIMUM 28" WIDE CLEAR SPACE FROM A FIXTURE OR A MINIMUM 32" WIDE CLEAR SPACE FROM A WALL AT ONE SIDE. THE OTHER SIDE SHALL PROVIDE 18" FROM THE CENTERLINE OF THE WATER CLOSET TO THE WALL. A MINIMUM 48" CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET.
4. ALL DOORS, FIXTURES AND CONTROLS SHALL BE ON AN ACCESSIBLE ROUTE WITH A MINIMUM CLEAR WIDTH OF 36" EXCEPT AT DOORS. IF A PERSON IN A WHEELCHAIR MUST MAKE A TURN AROUND AN OBSTRUCTION, THE MINIMUM CLEAR WIDTH OF THE ACCESSIBLE ROUTE SHALL BE PER CODE.

PASSENGER DROP-OFF & LOADING ZONES
1. WHEN PROVIDED, PASSENGER DROP-OFF AND LOADING ZONES SHALL BE LOCATED ON AN ACCESSIBLE ROUTE OF TRAVEL.
2. WHERE PROVIDED, ONE PASSENGER DROP-OFF AND LOADING ZONE SHALL PROVIDE AN ACCESS AISLE AT LEAST 60" WIDE AND 20' LONG ADJACENT AND PARALLEL TO THE VEHICLE PULL-UP SPACE. SUCH ZONES SHALL BE LOCATED ON A SURFACE WITH A SLOPE NOT EXCEEDING 1 VERTICAL IN 50 HORIZONTAL. IF THERE ARE CURBS BETWEEN THE ACCESS AISLE AND THE VEHICLE PULL-UP SPACE, THEN A CURB RAMP SHALL BE PROVIDED.
3. PROVIDE MINIMUM VERTICAL CLEARANCE OF 9'-6" AT ACCESSIBLE PASSENGER LOADING ZONES AND ALONG AT LEAST ONE VEHICLE ACCESS ROUTE TO SUCH AREAS FROM SITE ENTRANCES AND EXITS.
4. VALET PARKING FACILITIES SHALL PROVIDE A PASSENGER LOADING ZONE AND SHALL BE LOCATED ON AN ACCESSIBLE ROUTE TO THE ENTRANCE OF THE FACILITY.

PEDESTRIAN GRADE SEPARATIONS
1. PEDESTRIAN RAMPS ON PEDESTRIAN GRADE SEPARATIONS SHALL COMPLY WITH THE REQUIREMENTS FOR RAMPS.
2. WHERE PEDESTRIAN GRADE SEPARATIONS CROSS STREETS OR OTHER VEHICULAR TRAFFIC WAYS, AND WHERE A STREET LEVEL CROSSING CAN REASONABLY AND SAFELY BE USED BY PERSONS WITH DISABILITIES, THERE SHALL BE PROVIDED CONFORMING CURB RAMPS AND A USABLE PATHWAY.
3. CROSS SLOPES OF WALKING SURFACES SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 1/4" PER FOOT. THE SLOPE OF ANY APPRECIABLY WARPED WALKING SURFACE SHALL NOT EXCEED 1 VERTICAL IN 12 HORIZONTAL IN ANY DIRECTION.

ELECTRICAL
1. THE CENTER OF JUNCTION BOXES FOR RECEPTACLE OUTLETS SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION MEETING THE CLEARANCES AND REACH RANGE REQUIREMENTS OF BUILDING CODE.
2. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF CONTROLS OR SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES, OR COOLING, HEATING, AND VENTILATING EQUIPMENT SHALL MEET THE REQUIREMENTS OF BUILDING CODE.
3. THE CENTER OF FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE, OR SIDEWALK.
4. THE INSTALLATION OF FIRE ALARM EQUIPMENT AND SYSTEMS IN ANY OCCUPANCY WITHIN THE SCOPE OF THESE REGULATIONS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE ELECTRICAL CODE.

MULTIPLE ACCOMMODATION SANITARY FACILITIES
NOTE: MULTIPLE ACCOMMODATION SANITARY FACILITY IS DEFINED AS "A ROOM THAT HAS MORE THAN ONE SANITARY FIXTURE, IS INTENDED FOR THE USE OF MORE THAN ONE PERSON AT A TIME, AND WHICH USUALLY IS PROVIDED WITH PRIVACY COMPARTMENTS OR SCREENS SHIELDING SOME FIXTURES FROM VIEW".
1. A CLEAR SPACE MEASURED FROM THE FLOOR TO A HEIGHT OF 27" ABOVE THE FLOOR, WITHIN THE SANITARY FACILITY ROOM, OF SUFFICIENT SIZE TO INSCRIBE A CIRCLE WITH A DIAMETER NOT LESS THAN 60", OR A CLEAR SPACE 56" BY 63" IN SIZE, SHALL BE PROVIDED FOR WHEELCHAIR MANEUVERING. DOORS OTHER THAN DOOR TO THE ACCESSIBLE TOILET COMPARTMENT IN ANY POSITION MAY ENCROACH THE INTO THIS SPACE BY NOT MORE THAN 12".
2. DOORS SHALL NOT SWING INTO THE FLOOR SPACE REQUIRED FOR ANY FIXTURE.
3. A WATER CLOSET FIXTURE LOCATED IN A COMPARTMENT SHALL PROVIDE A MINIMUM 28" WIDE CLEAR SPACE FROM A FIXTURE OR A MINIMUM 32" WIDE CLEAR SPACE FROM A WALL AT ONE SIDE OF THE WATER CLOSET. THE OTHER SIDE OF THE WATER CLOSET SHALL PROVIDE 18" FROM THE CENTERLINE OF THE WATER CLOSET TO THE WALL. GRAB BARS SHALL NOT PROJECT MORE THAN 3" INTO THESE CLEAR SPACES.
4. A MINIMUM 48" LONG CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET IF THE COMPARTMENT HAS AN END OPENING DOOR (FACING THE WATER CLOSET) AND A MINIMUM 60" LONG CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET IF THE COMPARTMENT HAS A DOOR LOCATED AT THE SIDE. GRAB BARS SHALL NOT PROJECT MORE THAT 3" INTO THESE CLEAR SPACES.

PEDESTRIAN GRADE SEPARATIONS
1. PEDESTRIAN RAMPS ON PEDESTRIAN GRADE SEPARATIONS SHALL COMPLY WITH THE REQUIREMENTS FOR RAMPS.
2. WHERE PEDESTRIAN GRADE SEPARATIONS CROSS STREETS OR OTHER VEHICULAR TRAFFIC WAYS, AND WHERE A STREET LEVEL CROSSING CAN REASONABLY AND SAFELY BE USED BY PERSONS WITH DISABILITIES, THERE SHALL BE PROVIDED CONFORMING CURB RAMPS AND A USABLE PATHWAY.
3. CROSS SLOPES OF WALKING SURFACES SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 1/4" PER FOOT. THE SLOPE OF ANY APPRECIABLY WARPED WALKING SURFACE SHALL NOT EXCEED 1 VERTICAL IN 12 HORIZONTAL IN ANY DIRECTION.
4. ALL LAVATORIES THAT ARE DESIGNATED TO BE ACCESSIBLE SHALL BE MOUNTED WITH THE RIM OR COUNTER EDGE NO HIGHER THAN 34" ABOVE THE FINISHED FLOOR AND WITH A VERTICAL CLEARANCE MEASURED FROM THE BOTTOM OF THE APRON OR OUTSIDE BOTTOM EDGE OF THE LAVATORY OF 29", REDUCING TO 27" AT A POINT LOCATED 8" BACK FROM THE FRONT EDGE. KNEE CLEARANCE BELOW THE LAVATORY SHALL EXTEND A MINIMUM OF 30" IN WIDTH BY 17" IN DEPTH. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR AND A MINIMUM OF 17" DEEP FROM THE FRONT OF THE LAVATORY.
5. HOT WATER AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
6. WHERE URINALS ARE PROVIDED, AT LEAST ONE SHALL HAVE A CLEAR FLOOR SPACE 30" BY 48" IN FRONT OF THE URINAL TO ALLOW FORWARD APPROACH.
7. URINALS SHALL BE FLOOR MOUNTED OR WALL HUNG. WHERE ONE OR MORE WALL HUNG URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTING A MINIMUM OF 14" FROM THE WALL AND AT A MAXIMUM OF 17" ABOVE THE FLOOR SHALL BE PROVIDED.
8. CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS.
9. WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE OPERABLE WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST, AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR.
10. THE FORCE REQUIRED TO ACTIVATE WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE NO GREATER THAN 5 LBF. ELECTRONIC OR AUTOMATIC FLUSHING CONTROLS ARE ACCEPTABLE AND PREFERABLE.
11. SELF-CLOSING FAUCET CONTROL VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
12. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NO HIGHER THAN 40" FROM THE FLOOR.
13. WHERE TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES, AND OTHER SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40" FROM THE FINISHED FLOOR.
14. TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL WITHIN 12" OF THE FRONT EDGE OF THE TOILET SEAT AND NO LOWER THAN 19" FROM THE FLOOR. DISPENSERS THAT CONTROL DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED.
15. TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER APPROVED MATERIAL WHICH EXTENDS UPWARD ONTO THE WALLS AT LEAST 5". WALLS WITHIN WATER CLOSET COMPARTMENTS AND WALLS WITHIN 24" OF THE FRONT AND SIDES OF URINALS SHALL BE SIMILARLY FINISHED TO A HEIGHT OF 48" AND, EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE A TYPE WHICH IS NOT ADVERSELY AFFECTED BY MOISTURE.

DINING, BANQUET, & BAR FACILITIES
1. EACH AREA WHERE A DIFFERENT TYPE OF FUNCTIONAL ACTIVITY OCCURS SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES. PROVIDE WHEELCHAIR ACCESS TO BANQUET ROOMS.
2. PROVIDE SEATS/SPACES FOR PEOPLE USING WHEELCHAIRS (AT LEAST ONE FOR EACH 20 SEATS, WITH AT LEAST ONE PER FUNCTIONAL AREA) INTEGRATED WITH GENERAL SEATING TO AVOID HAVING ONE AREA SPECIFICALLY HIGHLIGHTED AS THE AREA FOR PERSONS WITH DISABILITIES.
3. ACCESS TO DISABLED SEATING SHALL BE PROVIDED WITH MAIN AISLES NOT LESS THAN 36" IN CLEAR WIDTH.
4. FOOD SERVICE AISLES SHALL BE A MINIMUM OF 36" IN CLEAR WIDTH WITH A PREFERRED WIDTH OF 42" WHERE PASSAGE OF STOPPED WHEELCHAIRS BY PEDESTRIANS IS DESIRED. TRAY SLIDES SHALL BE MOUNTED NO HIGHER THAN 34" ABOVE THE FLOOR. IF SELF SERVICE SHELVES ARE PROVIDED, A REASONABLE PORTION MUST BE WITHIN 34" OF THE FLOOR.
5. TABLEWARE, DISHWARE, CONDIMENTS, AND FOOD AND BEVERAGE DISPLAY AND DISPENSING DEVICES, WHEN LOCATED ON TABLES OR COUNTER TOPS, SHALL BE PLACED 28" TO 34" ABOVE THE ADJACENT FLOOR. THESE ITEMS, WHEN LOCATED ON SHELVES, SHALL BE PLACED NO HIGHER THAN 54" ABOVE THE ADJACENT FLOOR, WHERE NOT REQUIRED TO REACH OVER AN OBSTRUCTION, AND NO HIGHER THAN 46" ABOVE THE ADJACENT FLOOR WHEN REQUIRED TO REACH OVER AN OBSTRUCTION. AN OBSTRUCTION WHICH A DISABLED PERSON IS REQUIRED TO REACH OVER SHALL BE NO HIGHER THAN 34" ABOVE THE ADJACENT FLOOR WITH A HORIZONTAL REACH OVER THE OBSTRUCTION OF NO MORE THAN 24".
6. ACCESS TO FOOD PREPARATION AREAS SHALL COMPLY WITH THE PROVISIONS FOR ENTRANCE DOORS, DOORWAYS, AND AISLES

GRAB BARS
1. GRAB BARS SHALL BE LOCATED ON EACH SIDE, OR ON ONE SIDE AND THE BACK OF THE ACCESSIBLE TOILET STALL OR COMPARTMENT.
2. GRAB BARS AT THE SIDE SHALL BE AT LEAST 42" LONG WITH THE FRONT END POSITIONED 24" IN FRONT OF THE WATER CLOSET STOOL AND WITH THE BACK END POSITIONED NO MORE THAN 12" FROM THE REAR WALL. GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36" LONG.
3. GRAB BARS SHALL BE SECURELY ATTACHED 33" ABOVE AND PARALLEL TO THE FLOOR, EXCEPT THAT WHERE A TANK-TYPE TOILET IS USED WHICH OBSTRUCTS PLACEMENT AT 33", THE GRAB BAR MAY BE AS HIGH AS 36".
4. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4" TO 1-1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2".
5. THE STRUCTURAL STRENGTH OF GRAB BARS, TUB AND SHOWER SEATS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS:
5.1. BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
5.2. SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT, AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
5.3. SHEAR FORCE INDUCED IN FASTENER OR MOUNTING DEVICES FROM THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER HAS THE SMALLER ALLOWABLE LOAD.
5.4. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF A 250-LB POINT LOAD, PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF A 250-LB POINT LOAD, SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND SUPPORTING STRUCTURE.
5.5. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
6. A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".

CONTROLS & OPERATING MECHANISMS & ELECTRICAL
1. CONTROLS AND OPERATING MECHANISMS REQUIRED TO BE ACCESSIBLE. REFER TO CODE.
2. CLEAR FLOOR SPACE THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT.
3. THE HIGHEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN 48" OF THE FLOOR BUT NOT LOWER THAN 15" IF FORWARD APPROACHED AND WITHIN 54" BUT NOT LOWER THAN 9" IF SIDE APPROACHED.

LOCKERS
1. AT LEAST ONE AND NOT LESS THAN 1 % OF ALL LOCKERS SHALL BE MADE ACCESSIBLE TO PERSONS WITH DISABILITIES, INCLUDING CLEAR SPACE, REACH RANGE REQUIREMENTS, AND A PATH OF TRAVEL NOT LESS THAN 36" IN CLEAR WIDTH TO THESE LOCKERS.

FIXED OR BUILT-IN SEATING
1. WHERE FIXED OR BUILT-IN SEATING, TABLES, OR COUNTERS ARE PROVIDED FOR THE PUBLIC, AND IN GENERAL EMPLOYEE AREAS, 5%, BUT NEVER LESS THAN 1 MUST BE ACCESSIBLE.
2. THE TOPS OF TABLES AND COUNTERS SHALL BE 28" TO 34" FROM THE FLOOR OR GROUND.
3. IF SEATING FOR PEOPLE IN WHEELCHAIRS IS PROVIDED AT FIXED TABLES OR COUNTERS, KNEE SPACES AT LEAST 27" HIGH, 30" WIDE, AND 19" DEEP SHALL BE PROVIDED.
4. IF SEATING SPACES FOR PEOPLE IN WHEELCHAIRS ARE PROVIDED AT FIXED TABLES OR COUNTERS, CLEAR FLOOR SPACE SHALL BE PROVIDED. SUCH CLEAR FLOOR SPACE SHALL NOT OVERLAP KNEE SPACE BY MORE THAN 19".
5. WHERE A SINGLE COUNTER CONTAINS MORE THAN ONE TRANSACTION STATION, SUCH AS (BUT NOT LIMITED TO) A BANK COUNTER WITH MULTIPLE TELLER WINDOWS OR A RETAIL SALES COUNTER WITH MULTIPLE CASH REGISTER STATIONS, AT LEAST 5%, BUT NEVER LESS THAN 1, OF EACH TYPE OF STATION SHALL BE LOCATED AT A SECTION OF COUNTER THAT IS AT LEAST 36" LONG AND NO MORE THAN 28" TO 34" HIGH.

ENTRANCES & EXITS
NOTE 1: EXITS IN EXCESS OF THOSE REQUIRED BY CODE AND WHICH ARE MORE THAN 24" ABOVE GRADE ARE NOT REQUIRED TO BE ACCESSIBLE. SUCH DOORS SHALL HAVE SIGNS WARNING THAT THEY ARE NOT ACCESSIBLE. WARNING SIGNS SHALL COMPLY WITH BUILDING CODE.
NOTE 2: FOR THE PURPOSES OF ADA, THE USE OF THE TERM EXIT DOOR APPLIES TO ALL DOORS THAT PROVIDE ACCESS, THAT IS, ENTRANCES, PASSAGE
1. ALL ENTRANCES AND ALL EXTERIOR GROUND FLOOR EXIT DOORS TO BUILDINGS AND FACILITIES SHALL BE MADE ACCESSIBLE TO PERSONS WITH DISABILITIES.
2. REVOLVING DOORS SHALL NOT BE USED AS A REQUIRED ENTRANCE FOR PERSONS WITH DISABILITIES.
3. DURING PERIODS OF PARTIAL OR RESTRICTED USE OF A BUILDING OR FACILITY, THE ENTRANCES USED FOR PRIMARY ACCESS SHALL BE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES.
4. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
5. BARS,GRILLES, GRATES,OR SIMILAR DEVICES PLATED OVER DOORS, SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, OR ANY SPECIAL KNOWLEDGE OR EFFORT. SUCH BARS, GRILLES, GRATES, OR SIMILAR DEVICES SHALL BE EQUIPPED WITH AN APPROVED RELEASE DEVICE FOR USE BY THE FIRE DEPARTMENT ONLY ON THE EXTERIOR SIDE FOR THE PURPOSE OF FIRE DEPARTMENT EMERGENCY ACCESS, WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
6. MANUALLY OPERATED EDGE- OR SURFACE-MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED. WHEN EXIT DOORS ARE USED IN PAIRS AND APPROVED AUTOMATIC FLUSH BOLTS ARE USED, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOORKNOB OR HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE SURFACE-MOUNTED OPERATION.

ASSEMBLY OCCUPANCIES
1. ASSEMBLY AREAS WITH AUDIO-AMPLICATION SYSTEMS SHALL HAVE A LISTENING SYSTEM COMPLYING WITH ADA 4.33 TO ASSIST A REASONABLE NUMBER OF PEOPLE, BUT NO FEWER THAN TWO, WITH SEVERE HEARING LOSS. FOR ASSEMBLY AREAS WITHOUT AMPLIFICATION SYSTEMS AND FOR SPACES USED PRIMARILY AS MEETING AND CONFERENCE ROOMS, A PERMANENCY INSTALLED OR PORTABLE LISTENING SYSTEM SHALL BE PROVIDED. IF PORTABLE SYSTEMS ARE USED FOR CONFERENCE OR MEETING ROOMS, THE SYSTEM MAY SERVE MORE THAN ONE ROOM.

RAMPS
NOTE: ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1' RISE IN 20' OF HORIZONTAL RUN.
1. THE MAXIMUM SLOPE OF A RAMP THAT SERVES ANY EXITWAY, PROVIDES ACCESS FOR PERSONS WITH DISABILITIES, OR IS IN THE PATH OF TRAVEL SHALL BE 1' RISE IN 12' OF HORIZONTAL RUN.
2. THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.
3. THE WIDTH OF RAMPS SHALL BE AS REQUIRED FOR STAIRWAYS AND EXITS.
4. PEDESTRIAN RAMPS SERVING PRIMARY ENTRANCES TO BUILDINGS HAVING AN OCCUPANT LOAD OF 300 OR MORE SHALL HAVE A MINIMUM CLEAR WIDTH OF 60".
5. RAMPS SERVING GROUP R OCCUPANCIES MAY BE 36" CLEAR WIDTH WHEN THE OCCUPANT LOAD IS 50 OR LESS.
6. ALL OTHER PEDESTRIAN RAMPS SERVING PRIMARY ENTRANCES SHALL HAVE A MINIMUM CLEAR WIDTH OF 48".
7. LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF EACH RAMP.
8. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30" OF VERTICAL RISE AND AT EACH CHANGE OF DIRECTION.
9. TOP LANDINGS SHALL BE NOT LESS THAN 60" WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60" IN THE DIRECTION OF RAMP RUN.
10. DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE RAMP LANDING TO LESS THAN 42" AND SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 3" WHEN FULLY OPEN.
11. THE WIDTH OF THE LANDING SHALL EXTEND 24" PAST THE STRIKE EDGE OF ANY DOOR OR GATE FOR EXTERIOR RAMPS AND 18" PAST THE STRIKE EDGE FOR INTERIOR RAMPS.
12. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR THE RAMP.
13. INTERMEDIATE LANDING AT A CHANGE OF DIRECTION IN EXCESS OF 30 DEGREES AND BOTTOM LANDINGS SHALL HAVE A DIMENSION IN THE DIRECTION OF RAMP RUN OF NOT LESS THAN 72" TO ACCOMMODATE THE HANDRAIL EXTENSION.
14. OTHER INTERMEDIATE LANDINGS SHALL HAVE A DIMENSION IN THE DIRECTION OF RAMP RUN OF NOT LESS THAN 60".
15. RAMP LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP.
16. HANDRAILS ARE REQUIRED ON RAMPS THAT PROVIDE ACCESS IF THE RAMP SLOPE EXCEEDS 1' RISE IN 20' OF HORIZONTAL RUN, EXCEPT THAT AT EXTERIOR DOOR LANDINGS, HANDRAILS ARE NOT REQUIRED ON RAMPS LESS THAN 6" RISE OR 72" IN LENGTH.
17. HANDRAILS SHALL BE PLACED ON EACH SIDE OF EACH RAMP, SHALL BE CONTINUOUS THE FULL LENGTH OF THE RAMP, SHALL BE 34" TO 36" ABOVE THE RAMP SURFACE, SHALL EXTEND A MINIMUM OF 1' BEYOND THE TOP AND BOTTOM OF THE RAMP, AND THE ENDS SHALL BE RETURNED.
18. THE GRIP PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1-1/4" NOR MORE THAN 1-1/2", OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE, AND ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS. HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
19. HANDRAILS PROJECTING FROM A WALL SHALL HAVE A SPACE OF 1-1/2" BETWEEN THE WALL AND THE HANDRAIL.
20. HANDRAILS MAY BE LOCATED IN A RECESS IF THE RECESS IS A MAXIMUM OF 3" DEEP AND EXTENDS AT LEAST 18" ABOVE THE TOP OF THE RAIL.
21. ANY WALL OR OTHER SURFACE ADJACENT TO HANDRAILS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".
22. WHERE THE RAMP LANDING IS NOT BOUNDED BY A WALL OR FENCE, THERE SHALL BE PROVIDED ON EACH SIDE OF THE RAMP LANDING WHERE THERE IS A VERTICAL DROP EXCEEDING 4", ONE OF THE FOLLOWING:
22.1. A GUIDE CURB, A MINIMUM OF 2" IN HEIGHT, OR
22.2. A WHEEL GUIDE RAIL SHALL BE PROVIDED, CENTERED 3" ± 1" ABOVE THE SURFACE OF THE RAMP LANDING.
23. WHERE THE RAMP SURFACE IS NOT BOUNDED BY A WALL OR FENCE AND THE RAMP EXCEEDS 10' IN LENGTH, THE RAMP SHALL COMPLY WITH ONE OF THE FOLLOWING REQUIREMENTS:
23.1. A GUIDE CURB, A MINIMUM OF 2" IN HEIGHT; OR
23.2. A WHEEL GUIDE RAIL SHALL BE PROVIDED, CENTERED 3" ± 1" ABOVE THE SURFACE OF THE RAMP.
24. OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED AND CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.

SPACE ALLOWANCE & REACH RANGES
1. THE MINIMUM CLEAR FLOOR OR GROUND SPACE REQUIRED TO ACCOMMODATE A SINGLE, STATIONARY WHEELCHAIR AND OCCUPANT IS 30" BY 48". (THE MINIMUM FLOOR OR GROUND SPACE SHALL BE INCREASED TO 42" BY 48" WHEN SUCH SPACE IS PERPENDICULAR TO AN ADJACENT SEATING SPACE). THE MINIMUM CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH TO AN OBJECT. CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE PART OF THE KNEE SPACE REQUIRED UNDER SOME OBJECTS.
2. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE FOR A WHEELCHAIR SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER WHEELCHAIR CLEAR FLOOR SPACE. IF A CLEAR FLOOR OR GROUND SPACE FOR A WHEELCHAIR IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCES SHALL BE PROVIDED.
3. THE SPACE REQUIRED FOR A WHEELCHAIR TO MAKE A 180 DEGREE TURN IS A CLEAR SPACE OF 60" DIAMETER OR A T-SHAPED SPACE.
4. THE MINIMUM CLEAR WIDTH REQUIRED FOR A WHEELCHAIR TO TURN AROUND AN OBSTRUCTION SHALL BE 36" WHERE THE OBSTRUCTION IS 48" OR MORE IN LENGTH AND 42" AND 48" WHERE THE OBSTRUCTION IS LESS THAN 48" IN LENGTH.
5. THE MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR PASSAGE SHALL BE 32" AT A POINT (24" MAXIMUM LENGTH) AND 36" CONTINUOUSLY.
6. OPENINGS MORE THAN 24" IN DEPTH SHALL COMPLY WITH CODE. THE MINIMUM WIDTH FOR TWO WHEELCHAIRS TO PASS IS 60".
7. IF THE CLEAR FLOOR SPACE ONLY ALLOWS FORWARD APPROACH TO AN OBJECT, THE MAXIMUM HIGH FORWARD REACH ALLOWED SHALL BE 48". THE MINIMUM LOW FORWARD REACH IS 15". IF THE HIGH FORWARD REACH IS OVER AN OBSTRUCTION, REACH AND CLEARANCES SHALL BE PER BUILDING CODE.
8. IF THE CLEAR FLOOR SPACE ALLOWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HIGH SIDE REACH ALLOWED SHALL BE 54" AND THE LOW SIDE REACH SHALL BE NO LESS THAN 9" ABOVE THE FLOOR AS SHOWN IN FIGURES 11B-5D(A) & (B). IF THE SIDE REACH IS OVER AND OBSTRUCTION, THE REACH AND CLEARANCES SHALL BE AS SHOWN IN FIGURE 11B-5D(C).

HAZARDS & PROTRUDING OBJECTS
1. ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4" IN A VERTICAL DIMENSION, SUCH AS AT PLANTERS OR FOUNTAINS LOCATED IN OR ADJACENT TO WALKS, SIDEWALKS, OR OTHER PEDESTRIAN WAYS, SHALL BE IDENTIFIED BY WARNING CURBS PROJECTING AT LEAST 6" IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL DROP OFF.
2. WHEN A GUARDRAIL OR HANDRAIL IS PROVIDED, NO WARNING CURB IS REQUIRED WHEN A GUIDERAIL IS PROVIDED CENTERED 3" + 1" ABOVE THE SURFACE OF THE WALK OR SIDEWALK, THE WALK IS 5 PERCENT OR LESS GRADIENT, OR NO ADJACENT HAZARD EXISTS.
3. OBJECTS PROJECTING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES.
4. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27" ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS OR AISLES.
5. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE GROUND OR FINISHED FLOOR.
6. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.
7. WALKS, HALLS, CORRIDORS, PASSAGEWAYS, AISLES OR OTHER CIRCULATION SPACES SHALL HAVE 80" MINIMUM CLEAR HEAD ROOM.
8. ANY OBSTRUCTION THAT OVERHANGS A PEDESTRIAN WAY SHALL BE A MINIMUM OF 80" ABOVE THE WALKING SURFACE AS MEASURED FROM THE BOTTOM OF THE OBSTRUCTION.
9. WHERE A GUY SUPPORT IS USED PARALLEL TO A PATH OF TRAVEL, INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, A GUY BRACE, SIDEWALK GUY OR SIMILAR DEVICE SHALL BE USED TO PREVENT AN OVERHANGING OBSTRUCTION AS DEFINED.
10. TRANSIT BOARDING PLATFORMS SHALL HAVE A DETECTABLE WARNING TEXTURE EXTENDING THE FULL LENGTH OF THE LOADING AREA. THIS DETECTABLE WARNING TEXTURE SHALL HAVE THE FOLLOWING FEATURES:
10.1. WIDTH 24" TO 36", PLACED AT THE EDGE OF THE DROP OFF OR SAFE AREA.
10.2. DURABLE, SLIP-RESISTANT MATERIAL HAVING A SURFACE TEXTURE COMPOSED OF RAISED, TRUNCATED DOMES IN A STAGGERED PATTERN WITH A DIAMETER OF NOMINAL 0.9" AT THE BASE TAPERING TO 0.45" AT THE TOP, A HEIGHT OF NOMINAL 0.2", AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35". THE DETECTABLE WARNING SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT ON DARK OR DARK ON LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. WARNING SURFACES SHALL DIFFER FROM ADJOINING WALKING SURFACES IN RESILIENCY OR SOUND ON CANE CONTACT. THIS SURFACE SHALL BE RESERVED FOR WARNING.
10.3. COLOR YELLOW CONFORMING TO FEDERAL COLOR NO.33538, AS SHOWN IN TABLE IV OF STANDARD NO. 595B. WHERE THE COLOR VALUE CONTRAST BETWEEN THE YELLOW WARNING AND THE MAIN WALKING SURFACE IS LESS THAN 70 %, A 1" WIDE BLACK STRIP SHALL SEPARATE THE YELLOW WARNING FROM THE MAIN WALKING SURFACE.
11. AT TRANSIT BOARDING PLATFORMS, THE PEDESTRIAN ACCESS SHALL BE IDENTIFIED WITH A DETECTABLE DIRECTIONAL TEXTURE. THIS DETECTABLE DIRECTIONAL SHALL BE 0.1" IN HEIGHT THAT TAPERS TO 0.0", WITH BARS RAISED 0.2" FROM THE SURFACE. THE RAISED BARS SHALL BE 1.3" WIDE AND 3.0" FROM CENTER-TO-CENTER OF EACH BAR. THIS SURFACE SHALL DIFFER FROM ADJOINING WALKING SURFACES IN RESILIENCY OR SOUND ON CANE CONTACT. THE COLOR OF THE DIRECTIONAL TEXTURE SHALL COMPLY WITH BUILDING CODE. THIS SURFACE WILL BE PLACED DIRECTLY BEHIND THE YELLOW DETECTABLE WARNING TEXTURE, ALIGNING WITH ALL DOORS OF THE TRANSIT VEHICLES, WHERE PASSENGERS WILL EMBARK. THE WIDTH OF THE DIRECTIONAL TEXTURE SHALL BE EQUAL TO THE WIDTH OF THE TRANSIT VEHICLE'S DOOR OPENING. THE DEPTH OF THE TEXTURE SHALL NOT BE LESS THAN 36".
12. IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS, OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36" WIDE.

EMPLOYEE WORK AREAS & WORK STATIONS
NOTE 1: GENERAL EMPLOYEE AREAS ARE "THOSE AREAS COMMONLY USED BY MULTIPLE EMPLOYEES, SUCH AS RESTROOMS, BREAK ROOMS, CONFERENCE AND MEETING SPACE, ETC.". EVEN WHEN THESE AREAS ARE RESTRICTED FOR EMPLOYEE USE ONLY, THEY MUST COMPLY WITH ADA ACCESSIBILITY REQUIREMENTS.
NOTE 2: SPECIFIC WORK STATIONS IS INTENDED TO MEAN "PLACES WHERE INDIVIDUALS DO THEIR WORK, SUCH AS A CHEF'S CHOPPING BLOCK IN A COMMERCIAL RESTAURANT OR A COMPUTER TERMINAL IN AN OFFICE". THESE WORK STATIONS ARE NOT REQUIRED TO BE ACCESSIBLE THEMSELVES, EXCEPT THAT AISLE AND FLOOR AND LEVEL REQUIREMENTS MUST BE MET AND ENTRYWAYS MUST BE AT LEAST 32" IN CLEAR WIDTH.
1. SPECIFIC WORK STATIONS, WITH THE EXCEPTION OF WORK STATIONS IN SALES FACILITIES, CHECKSTANDS, TICKET BOOTHS, AND OTHER WORK STATIONS WITH SPECIFIC REQUIREMENTS CONTAINED IN OTHER PORTIONS OF THE REGULATIONS, NEED ONLY COMPLY WITH AISLE WIDTH AND FLOORS AND LEVELS, AND ENTRY-WAYS SHALL BE 32 " IN CLEAR WIDTH.
2. EMPLOYEE WORK AREAS SHALL BE ACCESSIBLE BY MEANS OF A 36" MINIMUM AISLE AND A 32" MINIMUM CLEAR OPENING DOOR WIDTH.
3. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS OF FORCE.
4. NON-COMMERCIAL KITCHEN AND COUNTER BAR SINKS LOCATED IN COMMON USE AREAS SHALL HAVE FAUCET CONTROLS AND OPERATING MECHANISMS OPERABLE WITH ONE HAND IN ACCORDANCE WITH SECTION 1118B AND SHALL NOT REQUIRE GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 PLF. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
5. VENDING MACHINES SHALL BE INSTALLED IN COMPLIANCE WITH BUILDING CODE.

STORAGE FACILITIES & AREAS
1. IF FIXED STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS, OR DRAWERS ARE PROVIDED WHERE ACCESS IS REQUIRED, AT LEAST ONE OF EACH TYPE SHALL BE ACCESSIBLE IN TERMS OF CLEAR SPACE, REACH RANGES, AND HARDWARE. ADDITIONAL STORAGE MAY BE PROVIDED OUTSIDE OF REQUIRED REACH RANGES.
2. A CLEAR FLOOR SPACE AT LEAST 30" BY 48" THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE FACILITIES.
3. ACCESSIBLE STORAGE SPACES SHALL BE WITHIN AT LEAST ONE OF THE HEIGHT RANGES SPECIFIED IN BUILDING CODE.
4. HARDWARE FOR ACCESSIBLE STORAGE FACILITIES SHALL BE WITHIN AT LEAST ONE OF THE HEIGHT RANGES SPECIFIED IN BUILDING CODE AND SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE THE HARDWARE SHALL BE NO GREATER THAN 5 POUNDS. TOUCH LATCHES AND U-SHAPED PULLS ARE ACCEPTABLE.
5. CLOTHES RODS SHALL BE A MAXIMUM OF 54" FROM THE FLOOR FOR A SIDE APPROACH. WHERE THE DISTANCE FROM THE WHEELCHAIR TO THE CLOTHES ROD OR SHELF EXCEEDS 10", AS IN CLOSETS WITHOUT ACCESSIBLE DOORS, THE HEIGHT AND DEPTH TO THE ROD OR SHELF SHALL COMPLY WITH BUILDING CODE.
6. THE DOORWAY PROVIDING ACCESS TO STORAGE AREAS SHALL BE NOT LESS THAN 32" IN CLEAR WIDTH. STORAGE AREAS SHALL BE MADE ACCESSIBLE AS REQUIRED.

SIGNS & IDENTIFICATION
NOTE: THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH IN ADA AND AS SPECIFICALLY REQUIRED BELOW.
1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 599B.
2. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10.
3. CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE, THE MINIMUM CHARACTER HEIGHT SHALL BE 3".
4. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
5. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE BUILDING CODE.
5.1. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
5.2. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH.
5.3. PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.
6. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS. DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND.
7. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.
8. WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH CODE. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
9. POLE SUPPORTED PEDESTRIAN TRAFFIC CONTROL BUTTONS SHALL BE IDENTIFIED WITH COLOR CODING CONSISTING OF A TEXTURED HORIZONTAL YELLOW BAND 2" IN WIDTH ENCIRCLING THE POLE, AND A 1" WIDE DARK BORDER BAND ABOVE AND BELOW THIS YELLOW BAND. COLOR CODING SHOULD BE PLACED IMMEDIATELY ABOVE THE CONTROL BUTTON. CONTROL BUTTONS SHALL BE LOCATED NO HIGHER THAN 48" ABOVE THE SURFACE ADJACENT TO THE POLE.

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NO.	DATE	DESCRIPTION

PROJECT NUMBER: 17111
RELEASE DATE: 12/19/2017

ACCESSIBILITY NOTES

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