

GENERAL PROJECT INFORMATION
PLAN CHECK NO: _____
JOB ADDRESS: _____ CITY: _____ ZIP: _____
REVIEWED BY: _____ PHONE: _____ DATE: _____

INSTRUCTIONS
CORRECTIONS WITH CIRCLED ITEM NUMBERS APPLY TO THIS PLAN CHECK.

IN THE LEFT HAND MARGIN OF THE CIRCLED CORRECTIONS, PLEASE INDICATE THE SHEET NUMBER AND DETAIL OR NOTE NUMBER ON THE PLANS WHERE THE CORRECTIONS ARE MADE. RESUBMIT MARKED ORIGINAL PLANS AND TWO CORRECTED SET OF PLANS, CALCULATIONS AND THIS PLAN REVIEW LIST.

INCOMPLETE, UNCLAR, OR FADED DRAWINGS OR CALCULATIONS WILL NOT BE ACCEPTED.

INCORPORATE ALL COMMENTS AS MARKED ON CHECKED SET OF PLANS AND CALCULATIONS AND THESE CORRECTIONS SHEETS.

A. APPLICATION AND ADMINISTRATION

- ALL AREAS OF NEWLY DESIGNED AND NEWLY CONSTRUCTED BUILDINGS AND FACILITIES AND ALTERED PORTIONS OF EXISTING BUILDING AND FACILITIES SHALL COMPLY WITH THESE REGULATIONS. (SECTION 11B-201.1)
- WHERE A SITE BUILDING, FACILITY, ROOM, OR SPACE CONTAINS MORE THAN ONE USE, EACH PORTION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS FOR THAT USE. (SECTION 11B-201.2)
- EACH ADDITION TO AN EXISTING BUILDING OR FACILITY SHALL COMPLY WITH THE REQUIREMENTS FOR NEW CONSTRUCTION AND SHALL COMPLY WITH 11B-202.4 PATH OF TRAVEL REQUIREMENTS. (SECTION 11B-202.2)
- WHERE EXISTING ELEMENTS OR SPACES ARE ALTERED, EACH ALTERED ELEMENT OR SPACE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF DIVISION 2, INCLUDING SECTION 11B-202.4 (SECTION 11B-202.3)
- IN ALTERATIONS WHERE THE ENFORCING AGENCY DETERMINES COMPLIANCE WITH APPLICABLE REQUIREMENT IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL PROVIDE EQUIVALENT FACILITATION OR COMPLY WITH THE REQUIREMENTS TO THE MAXIMUM EXTENT FEASIBLE. THE DETAILS OF THE FINDING THAT FULL COMPLIANCE WITH THE REQUIREMENTS IS TECHNICALLY INFEASIBLE SHALL BE RECORDED AND ENTERED INTO THE FILES OF THE ENFORCING AGENCY. (SECTION 11B-202)
- ALTERATIONS SHALL NOT DECREASE OR HAVE THE EFFECT OF DECREASING THE ACCESSIBILITY OF BUILDING OR FACILITY TO MEET THE REQUIREMENTS FOR NEW CONSTRUCTION AT THE TIME OF THE ALTERATION. (SECTION 11B-202.3)
- AN ALTERATION THAT DECREASES OF HAS THAT EFFECT OF DECREASING THE ACCESSIBILITY OF A BUILDING OR FACILITY BELOW THE REQUIREMENTS FOR NEW CONSTRUCTION AT THE TIME OF ALTERATION IS PROHIBITED. (SECTION 11B-202.3.1)
- WHEN ALTERATIONS OR ADDITIONS ARE MADE TO EXISTING BUILDINGS OR FACILITIES, AN ACCESSIBLE PATH OF TRAVEL TO THE SPECIFIC AREA OF ALTERATION OR ADDITION SHALL BE PROVIDED. THE PRIMARY ACCESSIBILITY PATH OF TRAVEL SHALL INCLUDE: (1) A PRIMARY ENTRANCE TO THE BUILDING OR FACILITY, (2) TOILET AND BATHING FACILITIES SERVING THE AREA, (3) DRINKING FOUNTAINS SERVING THE AREA, (4) PUBLIC TELEPHONES SERVING THE AREA, AND (5) SIGNS. (SECTION 11B-202.4)
- PRIMARY ACCESSIBLE PATH OF TRAVEL SHALL INCLUDE A PRIMARY ENTRANCE TO THE BUILDING OR FACILITY; TOILET AND BATHING FACILITIES SERVING THE AREA; DRINKING FOUNTAINS SERVING THE AREA; PUBLIC TELEPHONES SERVING THE AREA, AND SIGNS. (SECTION 11B-202.4)

- WHEN THE ADJUSTED PATH OF TRAVEL COST, AS DEFINED, IS LESS THAN OR EQUAL TO THE CURRENT VALUATION THRESHOLD (\$____), AS DEFINED, THE COST OF COMPLIANCE WITH SECTION 11B-202.4 SHALL BE LIMITED TO 20 PERCENT OF THE ADJUSTED CONSTRUCTION COST OF ALTERATIONS, STRUCTURAL REPAIRS OR ADDITIONS. WHEN THE COST OF FULL COMPLIANCE WITH SECTION 11B-202.4 WOULD EXCEED 20 PERCENT, COMPLIANCE SHALL BE PROVIDED TO THE GREATEST EXTENT POSSIBLE WITHOUT EXCEEDING 20 PERCENT. (SECTION 11B-202.4)
- WHEN THE ADJUSTED CONSTRUCTION COST, AS DEFINED, EXCEEDS THE CURRENT VALUATION THRESHOLD, AS DEFINED, AND THE ENFORCING AGENCY DETERMINES THE COST OF COMPLIANCE WITH SECTION 11B-202.4 IS AN UNREASONABLE HARSHIP, AS DEFINED, FULL COMPLIANCE WITH SECTION 11B-202.4 SHALL NOT BE REQUIRED. COMPLIANCE SHALL BE PROVIDED BY EQUIVALENT FACILITATION OR TO THE GREATEST EXTENT POSSIBLE WITHOUT CREATING AN UNREASONABLE HARSHIP, BUT IN NO CASE SHALL THE COST OF COMPLIANCE BE LESS THAN 20 PERCENT OF THE ADJUSTED CONSTRUCTION COST OF ALTERATIONS, STRUCTURAL REPAIRS OR ADDITIONS. THE DETAILS OF UNREASONABLE HARSHIP SHALL BE RECORDED AND ENTERED INTO THE FILES OF THE ENFORCING AGENCY AND SHALL BE SUBJECT TO CHAPTER 1, SECTION 19.1.5. SPECIAL CONDITIONS FOR PERSONS WITH DISABILITIES REQUIRING APPEALS ACTIONS RATIFICATION (SECTION 11B-202.4)

- IN CHOOSING WHICH ACCESSIBLE ELEMENTS TO PROVIDE, PRIORITY SHOULD BE GIVEN TO THOSE ELEMENTS THAT WILL PROVIDE THE GREATEST ACCESS IN THE FOLLOWING ORDER: (1) AN ACCESSIBLE ENTRANCE; (2) AN ACCESSIBLE ROUTE TO THE ALTERED AREA; (3) AT LEAST ONE ACCESSIBLE RESTROOM FOR EACH SEX OR ONE ACCESSIBLE UNISEX RESTROOM; (4) ACCESSIBLE TELEPHONES; (5) ACCESSIBLE DRINKING FOUNTAINS; AND (6) WHEN POSSIBLE, ADDITIONAL ACCESSIBLE ELEMENTS SUCH AS PARKING, STORAGE AND ALARMS. (SECTION 11B-202.4)
- WHEN THE ADJUSTED CONSTRUCTION COST EXCEEDS THE CURRENT VALUATION THRESHOLD (\$____) AND THE BUILDING OFFICIAL DETERMINES THE COST OF COMPLIANCE WITH THE PRIMARY ACCESSIBLE PATH OF TRAVEL REQUIREMENTS IS AN UNREASONABLE HARSHIP, COMPLIANCE SHALL BE PROVIDED EITHER BY EQUIVALENT FACILITATION OR TO THE GREATEST EXTENT POSSIBLE WITHOUT CREATING AN UNREASONABLE HARSHIP. (SECTION 11B-202.4)

- IF AN AREA HAS BEEN ALTERED WITHOUT PROVIDING AN ACCESSIBLE PATH OF TRAVEL TO THAT AREA, AND SUBSEQUENT ALTERATIONS OF THAT AREA OF A DIFFERENT AREA ON THE SAME PATH OF TRAVEL ARE UNDERTAKEN WITHIN THREE YEARS OF THE ORIGINAL ALTERATION, THE TOTAL COST OF ALTERATIONS TO THE AREAS ON THAT PATH OF TRAVEL DURING THE PRECEDING THREE-YEAR PERIOD SHALL BE CONSIDERED IN DETERMINING WHETHER THE COST OF MAKING THAT PATH OF TRAVEL ACCESSIBLE IS DISPROPORTIONATE. (SECTION 11B-202.4)
- WHEN THE ADJUSTED CONSTRUCTION COST EXCEEDS THE CURRENT VALUATION THRESHOLD (\$____) AND THE BUILDING OFFICIAL DETERMINES THE COST OF FULL COMPLIANCE WITH THE PRIMARY ACCESSIBLE PATH OF TRAVEL REQUIREMENTS IS AN UNREASONABLE HARSHIP, THE BUILDING OFFICIAL'S FINDINGS AND DETERMINATION OF UNREASONABLE HARSHIP MUST BE RATIFIED BY AN APPEALS PROCESS. (SECTION 11B-202.4)

- ALTERATIONS TO A QUALIFIED HISTORIC BUILDING OR FACILITY SHALL COMPLY WITH THE STATE HISTORICAL BUILDING CODE. (SECTION 11B-202.5)
- WHERE THE REQUIRED NUMBER OF ELEMENTS OR FACILITIES TO BE PROVIDED IS DETERMINED BY CALCULATIONS OR RATIOS OR PERCENTAGES AND REMAINDERS OR FRACTIONS RESULT, THE NEXT GREATER WHOLE NUMBER OF SUCH ELEMENTS OR FACILITIES SHALL BE PROVIDED. (SECTION 11B-104.2)

- WHERE THE DETERMINATION OF THE REQUIRED SIZE OR DIMENSION OF AN ELEMENT OR FACILITY INVOLVES RATIOS OR PERCENTAGES, ROUNDING DOWN FOR VALUES LESS THAN ONE HALF SHALL BE PERMITTED. (SECTION 11B-104.2)

B. BUILDING BLOCKS

FLOOR OR GROUND SURFACES

- FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT AND SHALL COMPLY WITH SECTION 11B-302 (SECTION 11B-302.1)

- 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. PILE HEIGHT SHALL BE $\frac{1}{2}$ " INCH MAXIMUM. (SECTION 11B-302.2, FIGURE 11B-302.2)
- EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH 11B-303. (SECTION 11B-302.2)
- OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGES OF A SPHERE MORE THAN $\frac{1}{2}$ " INCH IN DIAMETER EXCEPT AS ALLOWED IN SECTIONS 11B-407.4.3, 11B-409.4.3, 11B-410.4, 11B-810.5.3 AND 11B-810.10. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL. (SECTION 11B-303.2, FIGURE 11B-303.3)

CHANGES IN LEVEL

- CHANGES IN LEVEL OF $\frac{1}{4}$ " INCH HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL GREATER THAN $\frac{1}{4}$ " INCH AND NOT EXCEEDING $\frac{1}{2}$ " INCH IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. (SECTION 11B-303.2, FIGURES 11B-303.2 & 11B-303.3)
- CHANGES IN LEVEL GREATER THAN $\frac{1}{2}$ " INCH IN HEIGHT SHALL BE RAMPED AND SHALL COMPLY WITH THE REQUIREMENT OF 11B-405 RAMPS OR 11B-406 CURB RAMPS AS APPLICABLE. (SECTION 11B-303)
- ABRUPT CHANGES IN LEVEL EXCEEDING 4 INCHES IN A VERTICAL DIMENSION BETWEEN WALKS, SIDEWALKS OR OTHER PEDESTRIAN WAYS AND ADJACENT SURFACES OR FEATURES SHALL BE IDENTIFIED BY WARNING CURBS AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE. (SECTION 11B-303.5)

TURNING SPACE

- FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY WITH SECTION 11B-302. CHANGES IN LEVEL ARE NOT PERMITTED. (SECTION 11B-304.2)
- THE TURNING SPACE SHALL BE A SPACE OF 60 INCHES DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306. (SECTION 11B-304.3.1)
- THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH SQUARE MINIMUM WITH ARMS AND BASE 36 INCHES WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES MINIMUM ON EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM. (SECTIONS 11B-304.3.2, FIGURE 11B-304.3.2)
- T-SHAPED TURNING SPACES MAY INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306 KNEE AND TOE CLEARANCE ONLY AT THE END OF EITHER THE BASE OR ONE ARM. (SECTION 11B-304.3.2)

CLEAR FLOOR OR GROUND SPACE

- FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH SECTION 11B-302. CHANGES IN LEVEL ARE NOT PERMITTED. SLOPES NOT STEEPER THAN 1:4 SHALL BE PERMITTED. (SECTION 11B-305.2)
- CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES MINIMUM BY 48 INCHES MINIMUM. (SECTIONS 11B-305.3, FIGURE 11B-305.3)
- ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE. CLEAR FLOOR OR GROUND SPACE MAY OVERLAP AN ACCESSIBLE ROUTE, UNLESS SPECIFICALLY PROHIBITED ELSEWHERE. (SECTION 11B-305.6)
- UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT. (SECTION 11B-305.5, FIGURE 11B-305.5)
- UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306. (SECTION 11B-305.4)
- ALCOVES SHALL BE 36 INCHES WIDE MINIMUM IF THEIR DEPTH EXCEEDS 24 INCHES AND THE PROVIDE CLEAR FLOOR OR GROUND SPACE FOR A FORWARD APPROACH. (SECTION 11B-305.7, FIGURE 11B-305.7.1)
- ALCOVES SHALL BE 60 INCHES WIDE MINIMUM IF THEIR DEPTH EXCEEDS 15 INCHES AND THE PROVIDE CLEAR FLOOR OR GROUND SPACE FOR A PARALLEL APPROACH. (SECTION 11B-305.7, FIGURE 11B-305.7.2)

KNEE AND TOE CLEARANCE

- SPACE UNDER AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE, THE SPACE SHALL COMPLY WITH SECTION 11B-306. ADDITIONAL SPACE SHALL NOT BE PROHIBITED BENEATH AN ELEMENT BUT SHALL NOT BE CONSIDERED AS PART OF THE CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE. (SECTION 11B-306.2.1)
- WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES MINIMUM UNDER THE ELEMENT. (SECTION 11B-306.2.3)
- SPACE EXTENDING GREATER THAN 6 INCHES BEYOND THE AVAILABLE TOE CLEARANCE AT 9 INCHES ABOVE THE FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE. (SECTION 11B-306.2.4)
- TOE CLEARANCE SHALL EXTEND 19 INCHES MAXIMUM UNDER LAVATORIES, FOR TOILET AND BATHING FACILITIES AND 25 INCHES MINIMUM UNDER OTHER ELEMENTS. (SECTIONS 11B-306.2.2)

- WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES DEEP MINIMUM AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND, AND 8 INCHES DEEP MINIMUM AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND. (SECTION 11B-306.3, FIGURE 11B-306.3(C))
- AT DINING AND BREAK SURFACES REQUIRED TO BE ACCESSIBLE BY SECTION 11B-226.1, KNEE CLEARANCE SHALL EXTEND 19 INCHES DEEP MINIMUM AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND. (SECTION 11B-306.3)
- AT LAVATORIES REQUIRED TO BE ACCESSIBLE BY SECTION 11B-213.3.4, SPACE BETWEEN 9 INCHES AND 20 INCHES ABOVE THE FINISH FLOOR OR GROUND, SHALL BE CONSIDERED KNEE CLEARANCE. (SECTION 11B-306.3, FIGURE 11B-306.3(A))
- BEHIND 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1 INCH IN DEPTH FOR 6 INCHES HEIGHT. (SECTION 11B-306.3.4, FIGURE 11B-306.3)

- KNEE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND. (SECTION 11B-306.3.2 PROTRUDING OBJECTS)
- OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH. HANDRAILS SHALL BE PERMITTED TO PROTRUDE $\frac{1}{2}$ " INCHES MAXIMUM. (SECTION 11B-307.2, FIGURE 11B-307.2)
- FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES MAXIMUM WHEN LOCATED 27 INCHES MINIMUM AND 80 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN OBJECTS IS GREAT THAN 12 INCHES, THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 INCHES MAXIMUM OR 80 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. (SECTION 11B-307.3, FIGURE 11B-307.3)
- PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES. (SECTION 11B-307.5)

- THE SLOPING PORTIONS OF HANDRAILS SERVING STAIRS AND RAMPS SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 11B-307.3. (SECTION 11B-307.3)

- FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT AND SHALL COMPLY WITH SECTION 11B-302 (SECTION 11B-302.1)

- WHERE SIGNS OR OTHER OBJECTS ARE MOUNTED ON POSTS OR PYLONS, AND THEIR BOTTOM EDGES ARE LESS THAN 80 INCHES ABOVE THE FINISH FLOOR SURFACE, THE EDGES OF SUCH SIGNS AND OBJECTS SHALL BE ROUNDED OR EASED AND THE CORNERS SHALL HAVE A MINIMUM RADIUS OF $\frac{1}{4}$ " INCH. (SECTION 11B-307.3.1)
- VERTICAL CLEARANCE SHALL BE AT LEAST 80 INCHES HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. (SECTION 11B-307.4, FIGURE 11B-307.4)
- DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. (SECTION 11B-307.4)
- WHERE A GUY SUPPORT IS USED WITHIN EITHER THE WIDTH OF A CIRCULATION PATH OR 24 INCHES MAXIMUM OUTSIDE OF A CIRCULATION PATH, A VERTICAL GUY BRACE, SIDEWALK GUY OR SIMILAR DEVICE SHALL BE USED TO PREVENT A HAZARDOUS OR AN OVERHEAD OBSTRUCTION. (SECTION 11B-307.4.1)

REACH RANGES

- CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF A ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATION EQUIPMENT, SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. (SECTION 11B-308.1-1.1)
- ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. (SECTION 11B-308.1.2)
- WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. (SECTION 11B-308.2.1, FIGURE 11B-308.2.1)
- WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES MAXIMUM. (SECTION 11B-308.2.2, FIGURE 11B-308.2.2)

- WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. (SECTION 11B-308.3.1, FIGURE 11B-308.3.1)
- WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 24 INCHES MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR THE REACH DEPTH OF 10 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR A REACH DEPTH OF 24 INCHES MAXIMUM. (SECTION 11B-308.3.2, FIGURE 11B-308.3.2)
- THE TOP OF WASHING MACHINES AND CLOTHES DRYERS SHALL BE PERMITTED TO BE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. (SECTION 11B-308.3.2)
- OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54 INCHES MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSERS ARE INSTALLED ON EXISTING CURBS. (SECTION 11B-308.3.2)

OPERABLE PARTS

- A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 11B-305 SHALL BE PROVIDED. (SECTION 11B-309.2)
- OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. FORCE REQUIRED TO OPERATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. (SECTION 11B-309.3)
- CLEATS AND OTHER BOAT SECUREMENTS SHALL NOT BE REQUIRED TO COMPLY WITH ONE OR MORE OF THE REACH RANGES SPECIFIED IN SECTION 11B-309.3 REACH RANGES. (SECTION 11B-205.1)
- OPERABLE PARTS THAT ARE INTENDED FOR USE ONLY BY SERVICE OR MAINTENANCE PERSONNEL SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 11B-309. (SECTION 11B-205.1)

C. ACCESSIBLE ROUTE

- AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PASSING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES, PUBLIC STREETS AND SIDEWALKS, AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE ROUTE. WHERE MORE THAN ONE ROUTE IS AVAILABLE, AT LEAST ONE ROUTE IS PROVIDED, ALL ROUTES MUST BE ACCESSIBLE. (SECTION 11B-206.2.1 - SEE EXCEPTIONS)
- AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE. (SECTION 11B-2-6.2.2 - SEE EXCEPTION)
- AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT EACH STORY AND MEZZANINE IN MULTI-STORY BUILDINGS AND FACILITIES. (SECTION 11B-206.2.3 - SEE EXCEPTIONS)
- IN ALTERATIONS AND ADDITIONS, WHERE AN ESCALATOR OR STAIR IS PROVIDED WHERE NONE EXISTED PREVIOUSLY AND MAJOR STRUCTURAL MODIFICATIONS ARE NECESSARY FOR THE INSTALLATION, AN ACCESSIBLE ROUTE SHALL BE PROVIDED BETWEEN THE LEVELS SERVED BY THE ESCALATOR OR STAIR.
- IN NEW CONSTRUCTION OF BUILDINGS WHERE ELEVATORS ARE REQUIRED BY 11B-206.2.3 MULTI-STORY BUILDINGS AND FACILITIES, AND WHICH EXCEED 10,000 SQUARE FEET ON ANY FLOOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT SHALL BE PROVIDED WITHIN 200 FEET OF TRAVEL OF EACH STAIR AND EACH ESCALATOR. (SECTION 11B-206.2.3.2)

- IN EXISTING BUILDINGS THAT EXCEED 10,000 SQUARE FEET ON ANY FLOOR AND IN WHICH ELEVATORS ARE REQUIRED BY 11B-206.2.3 MULTI-STORY BUILDINGS AND FACILITIES, MAJOR NEWLY CONSTRUCTED MEANS OF VERTICAL ACCESS IS PROVIDED VIA STAIRS OR AN ESCALATOR OR LIFT SHALL BE PROVIDED WITHIN 200 FEET OF TRAVEL OF EACH NEW STAIR OR ESCALATOR. (SECTION 11B-206.2.3.2)
- AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDING OR FACILITY ENTRANCES WITH ALL ACCESSIBLE SPACES AND ELEMENTS WITHIN THE BUILDING OR FACILITY, INCLUDING MEZZANINES, WHICH ARE OTHERWISE CONNECTED BY A CIRCULATION PATH. (SECTION 11B-206.2.4 - SEE EXCEPTIONS)
- ACCESSIBLE ROUTES SHALL COINCIDE WITH OR BE LOCATED IN THE SAME AREA AS GENERAL CIRCULATION PATHS, WHERE CIRCULATION PATHS ARE INTERIOR, REQUIRED ACCESSIBLE ROUTES SHALL ALSO BE INTERIOR; AN ACCESSIBLE ROUTE SHALL NOT PASS THROUGH KITCHENS, BREAK ROOMS, RESTROOMS, CLOSETS OR OTHER SPACES USED FOR SIMILAR PURPOSES, EXCEPT AS PERMITTED BY CHAPTER 10. (SECTION 11B-206.3)
- SECURITY BARRIERS, INCLUDING BUT NOT LIMITED TO, SECURITY BOLLARDS AND SECURITY CHECK POINTS, SHALL NOT OBSTRUCT A REQUIRED ACCESSIBLE ROUTE OR ACCESSIBLE MEANS OF EGRESS. (SECTION 11B-206.6 - SEE EXCEPTION)
- COMMON USE CIRCULATION PATHS WITHIN EMPLOYEE WORK AREAS SHALL COMPLY WITH 11B-402 ACCESSIBLE ROUTES. (SECTION 11B-206.2.8 - SEE EXCEPTION)

ENTRANCES

- ENTRANCES SHALL BE PROVIDED IN ACCORDANCE WITH 11B-206.4. ENTRANCE DOORS, DOORWAYS, AND GATES SHALL COMPLY WITH 11B-404 AND SHALL BE ON AN ACCESSIBLE ROUTE COMPLYING WITH 11B-402 ACCESSIBLE ROUTES. (SECTION 11B-206.4)

- MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH 11B-404.2.4 AND MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE. (SECTION 11B-404.2.4)
- SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 11B-404.2.4.1. (SECTION 11B-404.2.4.1)
- SECURITY BARRIERS, INCLUDING BUT NOT LIMITED TO, SECURITY BOLLARDS AND SECURITY CHECK POINTS, SHALL NOT OBSTRUCT A REQUIRED ACCESSIBLE ROUTE OR ACCESSIBLE MEANS OF EGRESS. (SECTION 11B-206.6 - SEE EXCEPTION)
- COMMON USE CIRCULATION PATHS WITHIN EMPLOYEE WORK AREAS SHALL COMPLY WITH 11B-402 ACCESSIBLE ROUTES. (SECTION 11B-206.2.8 - SEE EXCEPTION)

- ENTRANCES SHALL BE PROVIDED IN ACCORDANCE WITH 11B-206.4. ENTRANCE DOORS, DOORWAYS, AND GATES SHALL COMPLY WITH 11B-404 AND SHALL BE ON AN ACCESSIBLE ROUTE COMPLYING WITH 11B-402 ACCESSIBLE ROUTES. (SECTION 11B-206.4)

- ALL ENTRANCES AND EXTERIOR GROUND-FLOOR EXITS TO BUILDINGS AND FACILITIES SHALL COMPLY WITH 11B-404. (SECTIONS 11B-206.4.1)

- WHERE DIRECT ACCESS IS PROVIDED FOR PEDESTRIANS FROM A PARKING STRUCTURE TO A BUILDING OR FACILITY ENTRANCE, EACH DIRECT ACCESS TO THE BUILDING OR FACILITY ENTRANCE SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. (SECTION 11B-206.4.2)

- WHERE DIRECT ACCESS IS PROVIDED FOR PEDESTRIANS FROM A PARKING STRUCTURE TO A BUILDING OR FACILITY ENTRANCE, EACH DIRECT ACCESS TO THE BUILDING OR FACILITY FROM EACH TUNNEL OR WALKWAY SHALL COMPLY WITH SECTION 11B-404. (SECTION 11B-206.4.3)

- DIRECT CONNECTIONS TO OTHER FACILITIES SHALL PROVIDE AN ACCESSIBLE ROUTE COMPLYING WITH 11B-404 DOORS, DOORWAYS, AND GATES FROM THE POINT OF CONNECTION TO BOARDING PLATFORMS AND ALL TRANSPORTATION SYSTEM ELEMENTS REQUIRED TO BE ACCESSIBLE. ANY ELEMENTS PROVIDED TO FACILITATE FUTURE DIRECT CONNECTIONS SHALL BE ON AN ACCESSIBLE ROUTE CONNECTING BOARDING PLATFORMS AND ALL TRANSPORTATION SYSTEM ELEMENTS TO BE ACCESSIBLE. (SECTION 11B-206.4.4.2 - SEE EXCEPTION)

- ALL ENTRANCES TO EACH TENANCY IN A FACILITY SHALL COMPLY WITH SECTION 11B-404. (SECTION 11B-206.4.5)
- WHERE RESTRICTED ENTRANCES ARE PROVIDED TO A BUILDING OR FACILITY, ALL RESTRICTED ENTRANCES TO THE BUILDING OR FACILITY SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. (SECTION 11B-206.4.7)
- IF A SERVICE ENTRANCE IS THE ONLY ENTRANCE TO A BUILDING OR TO A TENANCY IN A FACILITY, THAT ENTRANCE SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. IN EXISTING BUILDINGS AND FACILITIES, A SERVICE ENTRANCE SHALL NOT BE THE SOLE ACCESSIBLE ENTRANCE. (SECTION 11B-206.4.8)

TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTES

- ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20 (5%), DOORWAYS, RAMPS, CURB RAMPS EXCLUDING THE FLARED SIDES, ELEVATORS, AND PLATFORMS. ALL COMPONENTS OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF DIVISION 4. (SECTION 11B-402.2)
- THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2.083%). (SECTION 11B-403.3)
- EXCEPT AS PROVIDED IN SECTIONS 11B-403.5.2 AND 11B-403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES MINIMUM. (SECTION 11B-403.5.1)
- THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES MINIMUM FOR A LENGTH OF 18 INCHES MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES LONG MINIMUM AND 36 INCHES WIDE MINIMUM. (SECTION 11B-403.5.1 - EXCEPTION 1)

- THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES MINIMUM FOR A LENGTH OF 18 INCHES MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES LONG MINIMUM AND 36 INCHES WIDE MINIMUM. (SECTION 11B-403.5.1 - EXCEPTION 1)
- THE CLEAR WIDTH OF WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44 INCHES MINIMUM. (SECTION 11B-403.5.1 - EXCEPTION 2)
- THE CLEAR WIDTH OF SIDEWALKS AND VEHICLES SHALL BE 48 INCHES MINIMUM, WHEN, BECAUSE OF RIGHT-OF-WAY RESTRICTIONS, NATURAL BARRIERS, OR OTHER EXISTING CONDITIONS, THE ENFORCING AGENCY DETERMINES THAT COMPLIANCE WITH THE 48 INCH CLEAR SIDEWALK WIDTH WOULD CREATE AN UNREASONABLE HARSHIP, THE CLEAR WIDTH MAY BE REDUCED TO 36 INCHES. (SECTION 11B-403.5.1 - EXCEPTION 3)
- THE CLEAR WIDTH OF AISLES MUST BE 36 INCHES MINIMUM IF SERVING ELEMENTS ON ONLY ONE SIDE, AND 44 INCHES MINIMUM IF SERVING ELEMENTS ON BOTH SIDES. (SECTION 11B-403.5.1 - EXCEPTION 4)

- WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48 INCHES WIDE, CLEAR WIDTH SHALL BE 42 INCHES MINIMUM APPROACHING THE TURN, 48 INCHES MINIMUM AT THE TURN AND 42 INCHES MINIMUM LEAVING THE TURN. (SECTION 11B-403.5.2)
- FOR PASSING SPACES, AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET MAXIMUM. PASSING SPACES SHALL BE EITHER A SPACE 60 INCHES MINIMUM BY 80 INCHES MINIMUM, OR AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE COMPLYING WITH 11B-304.3.2 T-SHAPED SPACE WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48 INCHES MINIMUM BEYOND THE INTERSECTION. (SECTION 11B-403.5.3)

- WHERE HANDRAILS ARE PROVIDED ALONG WALKING SURFACES WITH RUNNING SLOPES NOT STEEPER THAN 1:20 (5%) THEY SHALL COMPLY WITH HANDRAIL REQUIREMENTS OF 11B-505 HANDRAILS. (SECTION 403.6)
- ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE RESTING AREAS, 5 FEET IN LENGTH, AT INTERVALS OF 400 FEET MAXIMUM. THE RESTING AREA SHALL BE AT LEAST AS WIDE AS THE WALK. THE SLOPE OF THE RESTING AREA IN ALL DIRECTIONS SHALL BE 1:48 (2.083%) MAXIMUM. (SECTION 11B-403.7)

DOORS, DOORWAYS AND GATES

- DOORS, DOORWAYS AND GATES PROVIDING USER PASSAGE SHALL BE PROVIDED IN ACCORDANCE WITH 11B-206.5 DOORS, DOORWAYS AND GATES. (SECTION 11B-206.5)
- EACH ENTRANCE TO A BUILDING OR FACILITY REQUIRED TO COMPLY WITH 11B-206.4, ENTRANCES SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS AND GATES. (SECTION 11B-206.5.1)
- WITHIN A BUILDING OR FACILITY, EVERY DOOR, DOORWAY OR GATE SERVING ROOMS AND SPACES COMPLYING WITH THIS CHAPTER SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS AND GATES. (SECTION 11B-206.5.2)
- DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS AND GATES. (SECTIONS 11B-404.1)
- MANUAL DOORS AND DOORWAYS AND MANUAL GATES INTENDED FOR USER PASSAGE SHALL COMPLY WITH 11B-404.2 MANUAL DOORS, DOORWAYS AND MANUAL GATES. (SECTION 11B-404.2)

- REVOLVING DOORS, REVOLVING GATES AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE. (SECTION 11B-402.2.1)
- AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL COMPLY WITH 11B-4.4.2.3 CLEAR WIDTH AND 11B-404.2.4 MANEUVERING CLEARANCES. (SECTION 11B-404.2.2)
- DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES. (SECTION 11B-404.2.3)
- MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH 11B-404.2.4 AND MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE. (SECTION 11B-404.2.4)
- SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 11B-404.2.4.1. (SECTION 11B-404.2.4.1)

- DOORWAYS LESS THAN 36 INCHES WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES WITH TABLE 11B-404.2.4.2. (SECTION 11B-404.2.4.2)
- MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES OF THE LATCH SIDE OF AN INTERIOR DOORWAY, OR WITHIN 24 INCHES OF THE LATCH SIDE OF AN EXTERIOR DOORWAY, PROJECTS MORE THAN 8 INCHES BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE. (SECTION 11B-404.2.4.3)
- FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH SECTION 11B-302 FLOOR OR GROUND SURFACES. CHANGES IN LEVEL ARE NOT PERMITTED AT DOOR LANDINGS. (SECTION 11B-404.2.4.4)

- LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNATED TO PREVENT THE ACCUMULATION OF WATER. (SECTION 11B-405.10)

- THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE $\frac{1}{2}$ " INCH HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 11B-302 FLOOR OR GROUND SURFACES AND 11B-303 CHANGES IN LEVEL. (SECTION 11B-404.2.5)

- THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48 INCHES MINIMUM PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE. (SECTION 11B-404.2.8)
- HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH 11B-309.4 OPERATION. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND, WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. (SECTION 11B-404.2.7)
- DOOR AND GATE CLOSING SPEED SHALL COMPLY WITH THE FOLLOWING. (SECTION 11B-404.2.8)
 - DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM. (SECTION 11B-404.2.8.1)
 - DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION TO 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM. (SECTION 11B-404.2.8.2)
- THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS. (SECTION 11B-404.2.9)
 - INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM.
 - SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM.
 - REQUIRED TO OPEN DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.
 - EXTERNAL HINGED DOORS: 5 POUNDS MAXIMUM.

- SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND, MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN $\frac{1}{8}$ " INCH OF THE SAME PLANE