







**ACCESSIBILITY GENERAL NOTES**

**A. PUBLIC AND ADMINISTRATION**

1. PUBLIC ACCOMMODATIONS SHALL MAINTAIN IN OPERABLE WORKING CONDITION THOSE FEATURES OF FACILITIES AND EQUIPMENT THAT ARE REQUIRED TO BE ACCESSIBLE TO AND USEABLE BY PERSONS WITH DISABILITIES. ISOLATED OR TEMPORARY INTERRUPTIONS IN SERVICE OR ACCESSIBILITY DUE TO MAINTENANCE OR REPAIRS SHALL BE PERMITTED. **§11B-106**  
**B. BUILDING BLOCKS**  
**FLOOR OR GROUND SURFACES**  
 1. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. **§11B-302.1**  
 2. 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/UNTUCKED PILE TEXTURE. PILE HEIGHT SHALL BE . INCH MAXIMUM. **§11B-302.2, FIGURE 11B-302.2**  
**302.2 CHANGES IN LEVEL**  
 3. VERTICAL CHANGES IN LEVEL FOR FLOOR OR GROUND SURFACES MAY BE 1/4 INCH HIGH MAXIMUM AND WITHOUT EDGE TREATMENT, CHANGES IN LEVEL GREATER THAN 1/4 INCH AND NOT EXCEEDING 1/2 INCH IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. **§11B-303, FIGURES 11B-303.2 & 11B-303.3**  
 4. CHANGES IN LEVEL GREATER THAN 1/2 INCH IN HEIGHT SHALL BE RAMPED AND SHALL COMPLY WITH THE REQUIREMENTS OF 11B-405 RAMPS OR 11B-406 CURB RAMPS AS APPLICABLE. **§11B-303**  
 5. ABRUPT CHANGES IN LEVEL EXCEEDING 4 INCHES IN A VERTICAL DIMENSION BETWEEN WALLS, 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 OR BY GUARDS OR HANDRAILS WITH A GUIDE RAIL CENTERED 2 INCHES MINIMUM AND 4 INCHES MAXIMUM ABOVE THE SURFACE OF THE WALK OR SIDEWALK. THESE REQUIREMENTS DO NOT APPLY BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY. **§11B-303.5**  
**TURNING SPACE**  
 6. CIRCULAR TURNING SPACES SHALL BE A SPACE OF 60 INCHES DIAMETER MINIMUM AND MAY INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 11B-306 KNEE AND TOE CLEARANCE. **§11B-304.3.1**  
 7. T-SHAPED TURNING SPACES 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 IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES MINIMUM. **§11B-304.3.2, FIGURE 11B-304.3.2**  
**KNEE AND TOE CLEARANCE**  
 8. FOR LAVATORIES AND BUILT-IN DINING AND WORK SURFACES REQUIRED TO BE ACCESSIBLE, TOE CLEARANCE SHALL BE PROVIDED THAT IS 30 INCHES IN WIDTH AND 9 INCHES IN HEIGHT ABOVE THE FINISH FLOOR OR GROUND FOR A DEPTH OF 19 INCHES MINIMUM. **§11B-306.2.1**  
 9. TOE CLEARANCE SHALL EXTEND 19 INCHES MAXIMUM UNDER LAVATORIES FOR TOILET AND BATHING FACILITIES AND 25 INCHES MAXIMUM UNDER OTHER ELEMENTS. **§11B-306.2.2**  
 10. AT LAVATORIES IN TOILET AND BATHING FACILITIES, KNEE CLEARANCE SHALL BE PROVIDED THAT IS 30 INCHES IN WIDTH FOR A DEPTH OF 19 INCHES AND 19 INCHES ABOVE THE FINISH FLOOR OR GROUND FOR A DEPTH OF 8 INCHES AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND INCREASING TO 29 INCHES HIGH MINIMUM ABOVE THE FINISH FLOOR OR GROUND AT THE FRONT EDGE OF A COUNTER WITH A BUILT-IN LAVATORY OR AT THE FRONT EDGE OF A WALL-MOUNTED LAVATORY FIXTURE. **§11B-306.3.3, FIGURE 11B-306.3(C)**  
 11. AT DINING AND WORK SURFACES REQUIRED TO BE ACCESSIBLE, KNEE CLEARANCE SHALL BE PROVIDED THAT IS 30 INCHES IN WIDTH AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND FOR A DEPTH OF AT LEAST 19 INCHES. **§11B-306.3**  
**PROTRUDING OBJECTS**  
 12. EXCEPT FOR HANDRAILS, OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND LESS THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE NO MORE THAN 4 INCHES HORIZONTALLY INTO THE CIRCULATION PATH. HANDRAILS MAY PROTRUDE 4 1/2 INCHES MAXIMUM. **§11B-307.2, FIGURE 11B-307.2**  
 13. FREESTANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS NO MORE THAN 12 INCHES WHEN LOCATED FROM 27 TO 80 INCHES ABOVE THE FINISH FLOOR OR GROUND. **§11B-307.3, FIGURE 11B-307.3(A)**  
 14. PROTRUDING OBJECTS LOCATED FROM 27 TO 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE IDENTIFIED BY SIGN OR OTHER OBSTRUCTION, WHEN MOUNTED BETWEEN POSTS OR PYLONS SEPARATED WITH A CLEAR DISTANCE GREATER THAN 12 INCHES, SHALL BE LESS THAN 27 INCHES OR MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND. **§11B-307.3, FIGURE 11B-307.3(B)**  
 16. VERTICAL CLEARANCE SHALL BE AT LEAST 80 INCHES HIGH ON CIRCULATION PATHS EXCEPT AT DOOR CLOSERS AND DOOR STOPS.  
 17. GUARDRAILS OR OTHER BARRIERS WITH A LEADING EDGE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE ON CIRCULATION PATHS IS LESS THAN 80 INCHES HIGH. **§11B-307.4, FIGURE 11B-307.4**  
 18. 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 HAZARD OR AN OVERHEAD OBSTRUCTION. **§11B-307.4.1, FIGURE 11B-307.4.1**  
**REACH RANGES**  
 19. ELECTRICAL 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 VENTILATING EQUIPMENT SHALL BE LOCATED WITHIN ALLOWABLE REACH RANGES. LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. **§11B-308.1**  
 20. ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL BE LOCATED WITHIN ALLOWABLE REACH RANGES. LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. **§11B-308.1.2**  
 21. HIGH FORWARD REACH THAT IS UNOBSTRUCTED SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. **§11B-308.2.1, FIGURE 11B-308.2.1**  
 22. HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES OR LESS AND 44 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES. HIGH FORWARD REACH SHALL NOT EXCEED 25 INCHES IN DEPTH. **§11B-308.2.2, FIGURE 11B-308.2.2**  
 23. HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR WHERE THE SIDE REACH IS UNOBSTRUCTED OR THE DEPTH OF ANY OBSTRUCTION DOES NOT EXCEED 10 INCHES. **§11B-308.3.1, FIGURE 11B-308.3.1**  
 24. HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND WHERE THE HIGH SIDE REACH IS OVER AN OBSTRUCTION MORE THAN 10 INCHES BUT NOT MORE THAN 24 INCHES IN DEPTH. **§ 11B-308.3.2, FIGURE 11B-308.3.2**  
 25. OBSTRUCTIONS FOR HIGH SIDE REACH SHALL NOT EXCEED 34 INCHES IN HEIGHT AND 24 INCHES IN DEPTH. **§ 11B-308.3.2, FIGURE 11B-308.3.2**  
 26. OBSTRUCTED HIGH SIDE REACH FOR THE TOP OF WASHING MACHINES AND CLOTHES DRYERS SHALL BE PERMITTED TO BE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. **§11B-308.3.2**  
 27. OBSTRUCTED HIGH SIDE REACH FOR THE 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. **§11B-308.3.2**  
**OPERABLE PARTS**  
 28. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. **§ 11B-309.4**  
**C. ACCESSIBLE ROUTES**  
**DETECTABLE WARNING AND DETECTABLE DIRECTIONAL TEXTURE**  
 1. DETECTABLE WARNING SURFACES SHALL BE YELLOW AND APPROXIMATE FS 33538 OF FEDERAL STANDARD 595C. **§11B-705.1.1.3.1**  
 2. DETECTABLE WARNING SURFACES SHALL PROVIDE A 70 PERCENT MINIMUM VISUAL CONTRAST WITH ADJACENT WALKING SURFACES. CONTRAST IN PERCENT SHALL BE DETERMINED BY: CONTRAST PERCENT = (B1 - B2) / (B1 + B2) X 100 WHERE:  
 B1 = LIGHT REFLECTANCE VALUE (LRV) OF THE LIGHTER AREA AND  
 B2 = LIGHT REFLECTANCE VALUE (LRV) OF THE DARKER AREA  
**§11B-705.1.1.3.2 (SEE EXCEPTION)**  
**DOORS, DOORWAYS, AND GATES**  
 3. DOORS, DOORWAYS, AND GATES PROVIDING USER PASSAGE SHALL BE PROVIDED IN ACCORDANCE WITH 11B-206.5 DOORS, DOORWAYS, AND GATES. **§11B-206.5**  
 4. DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. **§11B-404.1**  
 5. 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. **§11B-404.2.3**  
 6. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 11B-404.2.4.1. **§11B-404.2.4.1**  
 7. DOORWAYS LESS THAN 36 INCHES WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 11B-404.2.4.2. **§11B-404.2.4.2**  
 8. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES OF THE LATCH SIDE 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. **§ 11B-404.2.4.3**  
 9. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 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. **§ 11B-404.2.5**  
 10. HANDLES, PULLS, LATCHES, LOOKS, 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. **§11B-404.2.7**  
 11. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: **§11B-404.2.9**  
 A. INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM.  
 B. SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM.  
 C. REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.

D. EXTERIOR HINGED DOORS: 5 POUNDS MAXIMUM.  
 12. 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 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED. **§11B-404.2.10**

**RAMPS**

13. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%) **§11B-405.2**  
 14. CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48 (2.083%) **§11B-405.3**  
 15. FLOOR OR GROUND SURFACES OF RAMP RUNS SHALL COMPLY WITH 11B-302 FLOOR OR GROUND SURFACES. CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE AND CROSS SLOPE ARE NOT PERMITTED ON RAMP RUNS. **§11B-405.4**  
 16. THE CLEAR WIDTH OF A RAMP RUN SHALL BE 48 INCHES MINIMUM. **§11B-405.5**  
 17. THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAXIMUM. **§11B-405.6**  
 18. RAMPS SHALL HAVE LANDINGS AT THE TOP AND THE BOTTOM OF EACH RAMP RUN. **§11B-405.7**  
 19. LANDINGS SHALL COMPLY WITH 11B-302 FLOOR OR GROUND SURFACES. CHANGES IN LEVEL ARE NOT PERMITTED. **§11B-405.7.1**  
 20. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING. **§11B-405.7.2**  
 21. TOP LANDINGS SHALL BE 60 INCHES WIDE MINIMUM. **§11B-405.7.2.1**  
 22. THE LANDING CLEAR LENGTH SHALL BE 60 INCHES LONG MINIMUM. **§11B-405.7.3**  
 23. BOTTOM LANDINGS SHALL EXTEND 72 INCHES MINIMUM IN THE DIRECTION OF RAMP RUN. **§11B-405.7.3.1**  
 24. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING 60 INCHES MINIMUM BY 72 INCHES MINIMUM IN THE DIRECTION OF DOWNWARD TRAVEL FROM THE UPPER RAMP RUN. **§11B-405.7.4**  
 25. HANDRAIL DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY 11B-404.2.4 AND 11B-404.3.2 SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA. DOORS, WHEN FULLY OPEN, SHALL NOT REDUCE THE REQUIRED RAMP LANDING WIDTH BY MORE THAN 3 INCHES. DOORS, IN ANY POSITION, SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE RAMP LANDING TO LESS THAN 42 INCHES. **§11B-405.7.5**  
 26. RAMP HANDRAILS SHALL HAVE CURBS PER 11B-405.5 HANDRAILS. **§11B-405.8**  
 27. EDGE PROTECTION COMPLYING WITH 11B-405.3 CURB OR BARRIER SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDINGS. **§11B-405.9 (SEE EXCEPTIONS)**  
 28. A CURB, 2 INCHES HIGH MINIMUM, OR BARRIER SHALL BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4 INCH DIAMETER SPHERE, WHERE ANY PORTION OF THE SPHERE IS WITHIN 4 INCHES OF THE FINISH FLOOR OR GROUND SURFACE. TO WHEEL ENTRAPMENT, THE CURB OR BARRIER SHALL PROVIDE A CONTINUOUS AND UNINTERRUPTED BARRIER ALONG THE LENGTH OF THE RAMP. **§11B-405.9.2**  
 29. LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER. **§11B-405.10**

**HANDRAILS**

30. HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS. **§11B-505.2**  
 31. HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RAMP RUN. INSIDE HANDRAILS OR SWITCHBACK OR DOGLEG STAIRS AND RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS. **§11B-505.3**  
 32. TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. **§11B-505.4**  
 33. CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACES AND ADJACENT SURFACES SHALL BE 1 1/2 INCHES MINIMUM. HANDRAILS MAY BE LOCATED IN A RECESS IF THE RECESS IS 3 INCHES MAXIMUM DEEP AND 18 INCHES MINIMUM CLEAR ABOVE THE TOP OF THE HANDRAIL. **§11B-505.5**  
 34. HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOMS OF HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20 PERCENT OF THEIR LENGTH. WHERE PROVIDED, HORIZONTAL PROJECTIONS SHALL OCCUR 1 1/2 INCHES MINIMUM BELOW THE BOTTOM OF THE HANDRAIL GRIPPING SURFACE. **§11B-505.6**  
 35. HANDRAIL GRIPPING SURFACES WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM. **§11B-505.7.1**  
 36. HANDRAIL GRIPPING SURFACES WITH A NON-CIRCULAR CROSS SECTION SHALL HAVE A PERIMETER DIMENSION OF 4 INCHES MINIMUM AND 6 1/4 INCHES MAXIMUM, AND A CROSS-SECTION DIMENSION OF 2 1/4 INCHES MAXIMUM. **§11B-505.7.2**  
 37. HANDRAIL GRIPPING SURFACES SHALL EXTEND BEYOND AND IN THE SAME DIRECTION OF STAIR FLIGHTS AND RAMP RUNS IN ACCORDANCE WITH SECTION 11B-505.10 HANDRAIL EXTENSIONS. **§11B-505.10**  
 38. RAMP HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEYOND THE TOP AND BOTTOM OF RAMP RUN. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT RAMP RUN. **§11B-505.10.1**  
 39. AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM 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. **§11B-505.10.2**  
 40. AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING. THE HORIZONTAL EXTENSION OF A HANDRAIL SHALL BE 12 INCHES LONG MINIMUM AND A HEIGHT EQUAL TO THAT OF THE SLOPING PORTION OF THE HANDRAIL AS MEASURED ABOVE THE STAIR NOSINGS. EXTENSION SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT. **§11B-505.10.3**  
**STAIRWAYS**  
 41. A STAIR IS DEFINED AS A CHANGE IN ELEVATION, CONSISTING OF ONE OR MORE RISERS. **§11B-202**  
 42. ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4 INCHES HIGH MINIMUM AND 7 INCHES HIGH MAXIMUM. TREADS SHALL BE 11 INCHES DEEP MINIMUM. CURVED STAIRWAYS WITH WINDER TREADS ARE PERMITTED AT STAIRS WHICH ARE NOT PART OF A REQUIRED MEANS OF EGRESS. (SEE EXCEPTION) **§11B-504.2**  
 43. OPEN RISERS ARE NOT PERMITTED. **§11B-504.3 (SEE EXCEPTIONS)**  
 44. INTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND LOWER TREAD MARKED BY A STRIPE PROVIDING CLEAR VISUAL CONTRAST.  
 EXTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND ALL TREADS MARKED BY A STRIPE PROVIDING CLEAR VISUAL CONTRAST. THE STRIPE SHALL BE A MINIMUM OF 2 INCHES WIDE TO A MAXIMUM OF 4 INCHES WIDE PLACED PARALLEL TO, AND NOT MORE THAN 1 INCH FROM, THE NOSE OF THE STEP OR UPPER APPROACH. THE STRIPE SHALL EXTEND THE FULL WIDTH OF THE STEP OR UPPER APPROACH AND SHALL BE OF MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR. A PAINTED STRIPE SHALL BE ACCEPTABLE. GROOVES SHALL NOT BE USED TO SATISFY THIS REQUIREMENT. **§11B-504.4.1**  
 45. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE 1/2 INCH MAXIMUM. NOSINGS THAT PROJECT BEYOND RISERS SHALL HAVE THE UNDERSIDE OF THE LEADING EDGE CURVED OR BEVELED. RISERS SHALL BE PERMITTED TO SLIGHTLY UNDERLAP THE TREAD AT AN ANGLE OF 30 DEGREES MAXIMUM FROM THE VERTICAL. THE PERMITTED PROJECTION OF THE NOSING SHALL EXTEND 1 1/4 INCHES MAXIMUM OVER THE TREAD BELOW. **§11B-504.5 (SEE EXCEPTION FOR EXISTING BUILDINGS)**  
 46. STAIRS SHALL HAVE HANDRAILS COMPLYING WITH SECTION 11B-505 HANDRAILS. **§11B-504.6**  
 47. STAIR TREADS AND LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER. **§11B-504.7**  
 48. FLOOR IDENTIFICATION SIGNS REQUIRED BY CHAPTER 10, SECTION 1022.9 COMPLYING WITH SECTIONS 11B-703.1 SIGNS GENERAL, 11B-703.2 RAISED CHARACTERS, 11B-703.3 BRAILLE AND 11B-703.5 VISUAL CHARACTERS SHALL BE LOCATED AT THE LANDING OF EACH FLOOR LEVEL, PLACED ADJACENT TO THE DOOR ON THE LATCH SIDE, IN ALL ENCLOSED STAIRWAYS IN BUILDINGS TWO OR MORE STORIES IN HEIGHT TO IDENTIFY THE FLOOR LEVEL. AT THE EXIT DISCHARGE LEVEL, THE SIGN SHALL INCLUDE A RAISED FIVE POINTED STAR LOCATED TO THE LEFT OF THE IDENTIFYING FLOOR LEVEL. THE OUTSIDE DIAMETER OF THE STAR SHALL BE THE SAME AS THE HEIGHT OF THE RAISED CHARACTERS. **§11B-504.8**  
**CURB RAMPS, BLENDED TRANSITIONS AND ISLANDS**  
 49. PERPENDICULAR RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%) **§11B-406.2.1**  
 50. FOR PERPENDICULAR RAMPS, WHERE PROVIDED, CURB RAMP FLARES SHALL NOT BE STEEPER THAN 1:10. **§11B-406.2, FIGURE 11B-406.2.2**  
 51. THE RUNNING SLOPE OF THE CURB RAMP SEGMENTS SHALL BE IN-LINE WITH THE DIRECTION OF SIDEWALK TRAVEL. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%) **§11B-406.3.1, FIGURE 11B-406.3.2**  
 52. A TURNING SPACE 48 INCHES MINIMUM BY 48 INCHES MINIMUM SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP. THE SLOPE OF THE TURNING SPACE IN ALL DIRECTIONS SHALL BE 1:48 MAXIMUM (2.083%). **§11B-406.3.2**  
 53. BLENDED TRANSITION RAMPS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:20 (5%). **§11B-406.4.1**  
 54. CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAVEL LANES, PARKING SPACES, OR PARKING ACCESS AISLES. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES. **§11B-406.5.1**  
 55. THE CLEAR WIDTH OF CURB RAMP RUNS (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITIONS, AND TURNING SPACES SHALL BE 48 INCHES MINIMUM. **§11B-406.5.2**  
 56. LANDINGS SHALL BE PROVIDED AT THE TOPS OF CURB RAMPS AND BLENDED TRANSITIONS (PARALLEL CURB RAMPS SHALL NOT BE REQUIRED TO COMPLY). THE LANDING CLEAR LENGTH SHALL BE 48 INCHES MINIMUM. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING ANY FLARED SIDES, OR THE BLENDED TRANSITION LEADING TO THE LANDING. THE SLOPE OF THE LANDING IN ALL DIRECTIONS SHALL BE 1:48 (2.083%) MAXIMUM. **§11B-406.5.3**  
 57. GRADE BREAKS AT THE BOTTOM OF CURB RAMP RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH. **§11B-406.5.6**  
 58. THE CROSS SLOPE OF CURB RAMPS AND BLENDED TRANSITIONS SHALL BE 1:48 (2.083%) MAXIMUM. **§11B-406.5.7**  
 59. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO AND WITHIN 24 INCHES OF THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20 (5%). THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALKS, GUTTERS, AND STREETS SHALL BE AT THE SAME LEVEL. **§11B-406.5.8**  
 60. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE A CLEAR SPACE 48 INCHES MINIMUM OUTSIDE ACTIVE TRAFFIC LANES OF THE ROADWAY. DIAGONAL CURB RAMPS PROVIDED AT MARKED CROSSINGS SHALL PROVIDE THE 48 INCHES MINIMUM CLEAR SPACE WITHIN THE MARKINGS. **§11B-406.5.9**  
 61. CURB RAMPS AND BLENDED TRANSITIONS SHALL HAVE DETECTABLE WARNINGS COMPLYING WITH 11B-705 DETECTABLE WARNINGS. **§11B-406.5.12**  
 62. RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES. THE CLEAR WIDTH OF THE ACCESSIBLE ROUTE AT ISLANDS SHALL BE 60 INCHES WIDE MINIMUM, WHERE CURB RAMPS ARE PROVIDED WITH 11B-406.5.9. RAISED ISLANDS SHALL BE PERMITTED TO OVERLAP CURB RAMPS AND ISLANDS. LANDINGS COMPLYING WITH 11B-406.5.3 LANDINGS AND THE ACCESSIBLE ROUTE SHALL BE PERMITTED TO OVERLAP. ISLANDS SHALL HAVE DETECTABLE WARNINGS COMPLYING WITH 11B-705 DETECTABLE WARNINGS AND DETECTABLE DIRECTIONAL TEXTURE. **§11B-406.6, FIGURE 11B-406.6**

**D. GENERAL SITE AND BUILDING ELEMENTS**

1. WHERE PARKING SPACES ARE PROVIDED, ACCESSIBLE PARKING SPACES SHALL BE PROVIDED IN NUMBER AND KIND REQUIRED PER SECTION 11B-208 PARKING SPACES. **§11B-208.1**  
 2. WHERE PASSENGER LOADING ZONES, DROP-OFF ZONES, AND/OR BUS STOPS ARE PROVIDED, ACCESSIBLE PARKING SPACES, DROP-OFF ZONES, AND/OR BUS STOPS ARE PROVIDED. **§11B-208.2**  
 3. WHERE ELECTRIC VEHICLE CHARGING STATIONS (EVCS) ARE PROVIDED, THEY SHALL COMPLY WITH SECTION 11B-812 AS REQUIRED BY SECTION 11B-228.3.  
 4. EVCS COMPLYING WITH SECTION 11B-812 THAT SERVE A PARTICULAR BUILDING OR FACILITY SHALL BE LOCATED ON AN ACCESSIBLE ROUTE TO AN ENTRANCE COMPLYING WITH SECTION 11B-206.4. WHERE EVCS DO NOT SERVE A PARTICULAR BUILDING OR FACILITY, EVCS COMPLYING WITH SECTION 11B-812 SHALL BE LOCATED ON AN ACCESSIBLE ROUTE TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE EV CHARGING FACILITY.

**E. PLUMBING FIXTURES AND FACILITIES**

**DRINKING FOUNTAINS**  
 1. DRINKING FOUNTAINS SHALL COMPLY WITH SECTIONS 11B-307 PROTRUDING OBJECTS AND 11B-602 GENERAL REQUIREMENTS. **§11B-602.1**  
 2. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 11B-305 CLEAR FLOOR OR GROUND SPACE POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306 KNEE AND TOE CLEARANCE SHALL BE PROVIDED. **§11B-602.2**  
 3. SPOUT OUTLETS SHALL BE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. **§11B-602.4**  
 4. THE SPOUT SHALL BE LOCATED 15 INCHES MINIMUM FROM THE VERTICAL SUPPORT AND 5 INCHES MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. **§11B-602.5**  
 5. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES HIGH MINIMUM AND SHALL BE LOCATED 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3 INCHES FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM. **§11B-602.6**  
 6. SPOUT OUTLETS FOR DRINKING OR FOR STANDING PERSONS SHALL BE 38 INCHES MINIMUM AND 43 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. **§11B-602.7**  
 7. WALL AND POST-MOUNTED CANTILEVERED DRINKING FOUNTAINS SHALL BE 18 INCHES MINIMUM AND 19 INCHES MAXIMUM IN DEPTH. **§11B-602.8**  
 8. ALL DRINKING FOUNTAINS SHALL EITHER BE LOCATED COMPLETELY WITHIN ALCOVES, POSITIONED COMPLETELY BETWEEN WING WALLS, OR OTHERWISE POSITIONED SO AS NOT TO ENCROACH INTO PEDESTRIAN WAYS. THE PROTECTED AREA WITHIN SUCH A DRINKING FOUNTAIN IS LOCATED SHALL BE 32 INCHES WIDE MINIMUM AND 18 INCHES DEEP MINIMUM, AND SHALL COMPLY WITH SECTION 11B-305.7 MANEUVERING CLEARANCE. WHEN USED, WING WALLS OR BARRIERS SHALL PROTECT HORIZONTALLY AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6 INCHES VERTICALLY FROM THE FLOOR OR GROUND SURFACE. **§11B-602.9**  
**TOILET AND BATHING ROOM CLEARANCES**  
 9. DOORS TO UNISEX TOILET ROOMS AND UNISEX BATHING ROOMS SHALL HAVE PRIVACY LATCHES. **§11B-213.2.1**  
 10. MIRRORS LOCATED ABOVE THE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITHIN THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE THE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. **§11B-603.4**  
 11. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION 11B-308. SHELVES SHALL BE LOCATED 40 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR. MEDICINE CABINETS SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR. **§11B-603.5**  
 12. WHERE TOWEL OR SANITARY NAPKIN DISPENSERS, WASTE RECEPTACLES, OR OTHER ACCESSORIES ARE PROVIDED IN TOILET FACILITIES, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED ON AN ACCESSIBLE ROUTE. ALL OPERABLE PARTS, INCLUDING COIN SLOTS, SHALL BE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR. BABY CHANGING STATIONS ARE NOT REQUIRED TO COMPLY WITH SECTION 11B-603.5 (SEE EXCEPTION) **§11B-603.5**  
**WATER CLOSETS AND TOILET COMPARTMENTS**  
 13. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309.4 OPERATION EXCEPT THEY SHALL BE LOCATED 44 INCHES MAXIMUM ABOVE THE FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 11B-604.8.2 AMBULATORY ACCESSIBLE COMPARTMENTS. **§11B-604.6**  
 14. TOILET ROOMS SHALL COMPLY WITH SECTION 11B-309.4 OPERATION AND SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE BELOW THE GRAB BAR, 19 INCHES MINIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND THE GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW. **§11B-604.7**  
 15. SANITARY NAPKIN DISPOSAL UNITS, IF PROVIDED, SHALL COMPLY WITH SECTION 11B-309.4 AND SHALL BE WALL MOUNTED AND LOCATED ON THE SIDEWALL BETWEEN THE REAR WALL OF THE TOILET AND THE TOILET PAPER DISPENSER, ADJACENT TO THE TOILET PAPER DISPENSER. THE DISPOSAL UNIT SHALL BE LOCATED BELOW THE GRAB BAR WITH THE OPENING OF THE DISPOSAL UNIT 19 INCHES MINIMUM (483 MM) ABOVE THE FINISH FLOOR. **§11B-604.7.2**  
 16. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 13 1/2 INCHES DEEP MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE. **§11B-605.2**  
 17. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309.4 OPERATION EXCEPT THAT THE FLUSH CONTROL SHALL BE MOUNTED AT A MAXIMUM HEIGHT OF 44 INCHES ABOVE THE FINISH FLOOR. **§11B-605.4**  
 18. FOR LAVATORIES AND SINKS, A CLEAR FLOOR SPACE COMPLYING WITH SECTION 11B-305 CLEAR FLOOR OR GROUND SURFACES, POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306 KNEE AND TOE CLEARANCE SHALL BE PROVIDED. **§11B-606.2**  
 19. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. **§11B-606.3**  
 SIGNS RELATED TO TOILETS AND BATHING FACILITIES  
 20. ENTRANCES LEADING TO TOILET ROOMS AND BATHING ROOMS COMPLYING WITH 11B-603 TOILET AND BATHING ROOMS SHALL BE IDENTIFIED BY A GEOMETRIC SYMBOL COMPLYING WITH 11B-703.7.2.6 TOILET AND BATHING ROOM GEOMETRIC SYMBOLS, WHERE EXISTING TOILET ROOMS OR BATHING ROOMS DO NOT COMPLY WITH 11B-603 TOILET AND BATHING ROOMS. SIGN INDICATORS SHALL BE LOCATED AT THE NEAREST COMPANIMENT TOILET ROOM OR BATHING ROOM WITHIN THE FACILITY SHALL BE PROVIDED. SIGNS SHALL COMPLY WITH 11B-703.5 VISUAL CHARACTERS AND SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 11B-703.2.1 ISA. WHERE EXISTING TOILET ROOMS OR BATHING ROOMS DO NOT COMPLY WITH 11B-603 TOILET AND BATHING ROOMS, THE TOILET ROOMS OR BATHING ROOMS COMPLYING WITH 11B-603 TOILET AND BATHING ROOMS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 11B-703.2.1 ISA. WHERE CLUSTERED SINGLE USER TOILET ROOMS OR BATHING FACILITIES ARE PERMITTED TO USE EXCEPTIONS TO 11B-213.2 TOILET AND BATHING ROOMS, TOILET ROOMS OR BATHING FACILITIES COMPLYING WITH 11B-603 TOILET AND BATHING ROOMS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 11B-703.2.1 ISA UNLESS ALL TOILET ROOMS AND BATHING FACILITIES COMPLY WITH 11B-603 TOILET AND BATHING ROOMS. EXISTING BUILDINGS THAT HAVE BEEN REMODELED TO PROVIDE SPECIFIC TOILET ROOMS OR BATHING ROOMS FOR PUBLIC USE THAT COMPLY WITH THESE BUILDING STANDARDS SHALL HAVE THE LOCATION OF AND THE DIRECTIONS TO THESE ROOMS POSTED IN OR NEAR THE BUILDING LOBBY OR ENTRANCE ON A SIGN COMPLYING WITH 11B-703.5 VISUAL CHARACTERS, INCLUDING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 11B-703.2.1 ISA. **§11B-216.8**  
 21. PICTOGRAMS SHALL COMPLY WITH THE FOLLOWING:  
 A. PICTOGRAMS SHALL HAVE A HEIGHT OF 8 INCHES MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. **§11B-703.6.1**  
 B. 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. **§11B-703.6.2**  
 C. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL





















**INTERIOR FINISHES GENERAL NOTES**

- GENERAL CONTRACTOR TO PREPARE ALL WALLS - NEW AND EXISTING - TAPED, SANDED AND SMOOTH TO RECEIVE PAINT.
- ALL SURFACES TO BE PAINTED TO RECEIVE ONE COAT OF PRIMER AND TWO FINISH COATS OF PAINT PER SPECIFICATIONS.
- GENERAL CONTRACTOR TO SUBMIT SAMPLES OF ALL PAINT TO ARCHITECT OR DESIGNER FOR APPROVAL PRIOR TO ORDERING.
- WALLS, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.9.
- INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS SHALL COMPLY WITH CBC 804.2 THROUGH 804.4.1.
- AT COMPLETION OF PROJECT GC TO PERFORM A FINAL CLEANING

**FINISH FLOOR LEGEND**

 POLISHED CONCRETE

**POWER / DATA LEGEND**

- DUPLIX ELECTRICAL OUTLET 
- QUADRUPLIX ELECTRICAL OUTLET 
- ELECTRICAL AND DATA OUTLET 
- GFI ELECTRICAL RECEPTACLE 

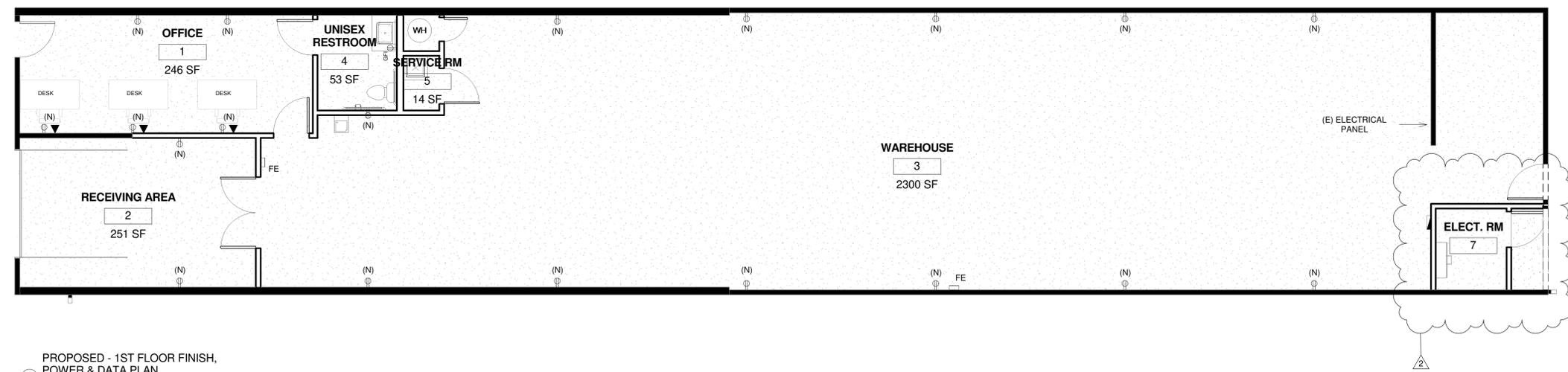
**NOTE:**  
SEE ELECTRICAL DRWS FOR COMPLETE DETAILS

**POWER / DATA GENERAL NOTES**

- ELECTRICAL CONTRACTOR TO FIELD VERIFY THAT ALL CIRCUITS AT THE MAIN PANEL ARE ADEQUATE FOR NEW REQUIREMENTS (INSTALL NEW CONDUIT, OR PANELS IF NEEDED).
- CONTRACTOR MUST COORDINATE ALL ELECTRICAL OUTLETS FOR FURNITURE W/ FURNITURE CONTRACTOR BEFORE PLACEMENT IN FIELD.
- CONTRACTOR SHALL PROVIDE ELECTRICAL AND MECHANICAL DRAWINGS STAMPED AND SIGNED BY LICENSE ENGINEERS. PROVIDE COMPLETE WORKING DRAWINGS, CALCULATIONS AND DESCRIPTIVE DATA AS REQUIRED TO OBTAIN PERMITS FOR TENANT ELECTRICAL WORK.
- LANDLORD MUST REVIEW PLANS PRIOR TO START OF INSTALLATION.
- LABEL ALL JUNCTION BOXES WITH CIRCUITS.
- LABEL PANELS WITH PREPRINTED TYPEWRITTEN PANEL SCHEDULE.
- PROVIDE SUPPORT FOR ALL CONDUITS ABOVE THE CEILING AS REQUIRED BY CODE.
- ALL MISCELLANEOUS HOLES AND DAMAGE IN DRYWALL TO BE REPAIRED OTHER THAN THOSE INDICATED FRO ELECTRICAL AND TELEPHONE/DATA.
- CABLE TRAYS, ELECTRICAL CONDUITS AND PIPING SHALL BE INDEPENDENTLY SUPPORTED AND INDEPENDENTLY BRACED FROM THE STRUCTURE.

**ABBREVIATIONS AND OTHERS**

- (E) DENOTES EXISTING ITEMS
- (N) DENOTES NEW ITEMS
- NIC NOT IN CONTRACT
- TBD TO BE DETERMINED
- FE FIRE EXTINGUISHER



PROPOSED - 1ST FLOOR FINISH,  
POWER & DATA PLAN  
1  
3/16" = 1'-0"

**APPROVED**  
By phyin at 12:21 pm, Apr 18, 2023

**FINISH SCHEDULE**

ROOM NUMBER	ROOM NAME	AREA	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS
1	OFFICE	246 SF	POLISHED CONCRETE	RUBBER BASE 4"	PAINT: WHISPER WHITE - DEW340 (FLAT)	PAINT: WHISPER WHITE - DEW340 (FLAT)	
2	RECEIVING AREA	251 SF	POLISHED CONCRETE	WOOD BASE	PAINT: COLOR TBD	CLEAR FINISH EXPOSED JOISTS	
3	WAREHOUSE	2300 SF	POLISHED CONCRETE	WOOD BASE	PAINT: COLOR TBD	CLEAR FINISH EXPOSED JOISTS	
4	UNISEX RESTROOM	53 SF	POLISHED CONCRETE	TILE BASE 6"	PAINT: WHISPER WHITE - DEW340 (SEMI-GLOSS)	PAINT: WHISPER WHITE - DEW340 (SEMI-GLOSS)	
5	SERVICE RM	14 SF	POLISHED CONCRETE	TILE BASE 6"	PAINT: WHISPER WHITE - DEW340 (SEMI-GLOSS)	PAINT: WHISPER WHITE - DEW340 (SEMI-GLOSS)	
6	WATER HEATER RM	9 SF	POLISHED CONCRETE	WOOD BASE	PAINT: WHISPER WHITE - DEW340 (SEMI-GLOSS)	PAINT: WHISPER WHITE - DEW340 (SEMI-GLOSS)	
7	ELECT. RM	41 SF	POLISHED CONCRETE	WOOD BASE	PAINT: WHISPER WHITE - DEW340 (SEMI-GLOSS)	PAINT: WHISPER WHITE - DEW340 (SEMI-GLOSS)	

**FLOOR FINISH DESCRIPTION**

POLISHED CONCRETE  
ITEM NAME: EXISTING CONCRETE  
MANUFACTURER: TBD  
COLOR: CLEAR FINISH (SATIN)  
INSTALLATION: PER MANUFACTURER SPEC  
PATTERN: N/A

No.	Description	Date
2	Revision 2	3/28/2023

**1ST FLOOR  
FINISH, POWER  
& DATA PLAN -  
PROPOSED**

Issue Date: 5/31/2022  
Job: 15  
Drawn by: JR VAN DIJS  
Scale: As indicated

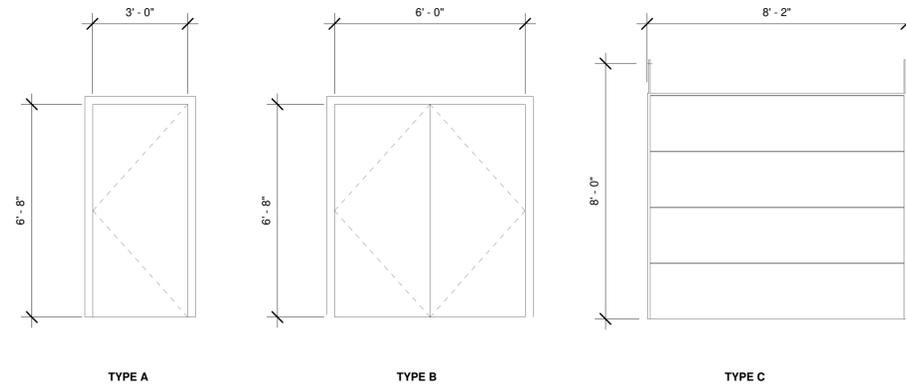


DOOR SCHEDULE											
Mark	Phase Created	Type Style	Width	Height	Thickness	Material	Finish	Fire Rating	Frame Material	Hardware	Comments
1	Existing	A	3' - 0"	6' - 8"	0' - 2"	WOOD	PAINT (COLOR TBD)	N/A	HOLLOW METAL	LEVER / DOUBLE KEYED DEADBOLT	PRIMARY EXIT DOOR (SEE DOOR NOTE 13 & 15)
2	Existing	C	9' - 0"	8' - 0"	0' - 1 1/2"	METAL	PAINT (COLOR TBD)	N/A	HOLLOW METAL	N/A	
4	New Construction	A	3' - 0"	6' - 8"	0' - 2"	WOOD	PAINT (COLOR TBD)	N/A	HOLLOW METAL	LEVER	
5	New Construction	A	3' - 0"	6' - 8"	0' - 2"	WOOD	PAINT (COLOR TBD)	N/A	HOLLOW METAL	LEVER	
6	New Construction	B	6' - 0"	7' - 0"	0' - 2"	WOOD	PAINT (COLOR TBD)	N/A	HOLLOW METAL	LEVER	
7	New Construction	A	3' - 0"	6' - 8"	0' - 2"	WOOD	PAINT (COLOR TBD)	N/A	HOLLOW METAL	LEVER	
8	New Construction	A	2' - 0"	6' - 8"	0' - 2"	WOOD	PAINT (COLOR TBD)	N/A	HOLLOW METAL	LEVER	
9	New Construction	A	3' - 0"	6' - 8"	0' - 2"	WOOD	PAINT (COLOR TBD)	N/A	HOLLOW METAL	PANIC DEVICE	SECONDARY EXIT DOOR (SEE DOOR NOTE 14)
10	New Construction	A	3' - 0"	6' - 8"	0' - 2"	METAL	PAINT (COLOR TBD)	N/A	HOLLOW METAL	LEVER	

**DOOR NOTES**

- ALL DOORS WITHIN THE SCOPE OF WORK ARE TO BE NEW OR REUSED EXISTING WITH NEW LEVER OR PANIC HARDWARE. REFER TO DRAWINGS
- ALL DOORS AND INTERIOR WINDOW FRAMES ARE TO BE AS NOTED IN THE DRAWINGS.
- ALL DOORS HARDWARE AND FINISHES ARE TO MATCH BUILDING STANDARDS OR AS SPECIFIED. PROVIDE HARDWARE ON ALL DOORS. PROVIDE LATCHES, BUTTS, STOPS, STRIKES AND CLOSERS AS REQUIRED FOR COMPLETE OPERATION OF ALL DOORS. PROVIDE HARDWARE FOR FIRE RATED ASSEMBLIES AS REQUIRED BY BUILDING CODE. PROVIDE LOCKSETS WHERE NOTED IN THE DOOR SCHEDULE AND CODES. COORDINATE WITH THE BUILDING OWNER AND TENANT FOR KER SCHEDULE
- ALL DOORS SHOULD BE OPERABLE BY A SINGLE EFFORT BY LEVERS-TYPE OR PANIC HARDWARE. UNLESS APPROVED OTHERWISE BY THE GOVERNING BUILDING AUTHORITIES. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE. PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. THE CENTER OF HARDWARE SHALL BETWEEN 30 AND 40 INCHES ABOVE THE FINISHED FLOOR AND SHALL MATCH HEIGHT OF EXISTING HARDWARE OR AS SPECIFIED
- THRESHOLDS SHALL NOT PROVIDE GREATER THAN A 1/2" CHANGE IN ELEVATION. THE FLOOR OR LANDING SHALL BE NOT MORE THAN A 1/2" LOWER THAN THE THRESHOLD OF THE DOOR WAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 1:2.
- DOOR OPENINGS IN DRYWALL PARTITIONS NOT DIMENSIONED ARE TO BE LOCATED IN THE CENTER OF THE SPACE OR SHALL START 4" FROM THE INTERSECTING PARTITION, UNLESS NOTED OTHERWISE. ALL INTERIOR DOORS SHALL PROVIDE AN ADJECENT 18" CLEAR DEMENSION BESIDE THE OPENING SIDE OF THE DOOR AND ALL EXTERIOR DOORS SHALL PROVIDE AN ADJECENT 24" CLEAR DEMENSION BESIDE THE OPENING SIDE OF THE DOOR
- MANUALLY OPERATED EDGE OR SURFACE-MOUNTED FLUSH BOLTS SHALL NOT BE INSTALLED. WHEN EXIT DOORS ARE USED IN PAIRS, AUTOMATIC FLUSH BOLTS SHALL BE PROVIDED. THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE-MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.
- EVERY REQUIRED ENTRANCE, PASSAGE, OR EXIT DOORWAY SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3'-0" IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT, WHEN INSTALLED, EXIT DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE CAPABLE OF PROVIDING A CLEAR OPENING OF NOT LESS THAN 32"
- THE BOTTOM 10" OF ALL DOORS, EXCEPT AUTOMATIC AND SLIDING DOORS, SHALL HAVE A SMOOTH AN INTERRUPTED SURFACE IN ORDER TO ALLOW THE DOOR TO BE OPEN BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION
- THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS WHEN SUCH PULL OR PUSH EFFORT IS APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THESE STANDARDS. WHEN FIRE-RATED DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE MAY BE INCREASED UP TO 15 POUNDS WITH CLOSER.
- WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION
- THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE SHALL BE LEVEL AND CLEAR. THE LEVEL AND CLEAR AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF TH SWING OF 44" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.
- PROVIDE A READILY VISIBLE DURABLE SIGN ABOVE THE MAIN ENTRANCE DOOR STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED."
- FEAR EXIT DOOR SHALL BE PROVIDED WITH SIGNAGE STATING: "EXIT DOOR DO NOT BLOCK"
- NO THUMB TURN LOCKS
- THE MEANS OF EGRESS SYSTEM SHALL BE ILLUMINATED WITH AT LEAST ONE FOOT CANDLE AT THE FLOOR LEVEL

**APPROVED**  
By phyin at 12:21 pm, Apr 18, 2023



**DOOR HARDWARE:**

- ALL OTHER REQUIRED EXITS EXCEPT MAIN ENTRANCES SHALL HAVE VALID EXIT DOOR HARDWARE
  - SELF-RELEASING DOOR HARDWARE WITH INTERCONNECTED SINGLE LOCKING HARDWARE; SINGLE DEADBOLT PROTECTION WITH A SINGLE MOTION EXITING (CO-ACTIVATION) WHEN THE LEVER IS TURNED. THE DEADBOLT RETRACTS WHEN THE INTERIOR LEVER IS TURNED.
  - SELF-RELEASING DOOR HARDWARE; THE OUTSIDE LEVER IS LOCKED AND UNLOCKED BY A KEY FROM THE EXTERIOR. THE INSIDE LEVER IS ALWAYS UNLOCKED AND PROVIDES A SINGLE MOTION EXITING WHEN THE INTERIOR LEVER IS TURNED.
- OTHER THAN THE MAIN ENTRANCE, REQUIRED EXIT DOORS AND DOOR SCHEDULES SHALL MATCH EITHER NUMBER 1 OR 2 BELLOW AS APPLICABLE.
- IF ONLY ONE EXIT IS REQUIRED AND A SECOND (2ND) DOOR IS PROVIDED, THE SECOND DOOR SHOULD NOT HAVE AN EXIT SING ABOVE AND DOUBLE KEYED LOCKING HARDWARE.
- IF ONLY ONE EXIT IS REQUIRED AND THEY ARE CALLING OUT 2 EXITS PROVIDED, THE MAIN ENTRANCE SHALL HAVE THE SING AND DOUBLE KEYED LOCKING SYSTEM. THE SECOND DOOR WITH AN EXIT SIGN SHALL BE PROVIDED WITH HARDWARE TYPE 1 OR 2.
- NO THUMB TURN LOCKS ARE ALLOWED.

VALID EXIT DOOR HARDWARE WHERE ANIC IS NOT REQUIRED.

SELF-RELEASING DOOR HARDWARE WITH INTERCONNECTED SINGLE LOCKING HARDWARE.

SINGLE DEADBOLT PROTECTION WITH A SINGLE MOTION EXITING (CO-ACTIVATING) WITHN THE LEVER IS TURNED. THE DEADBOLT RETRACTS WHEN THE INTERIOR LEVER IS TURNED.



SELF-RELEASING DOOR HARDWARE:

THE OUTSIDE LEVER IS LOCKED AND UNLOCKED BY A KEY FROM THE EXTERIOR. THE INSIDE LEVER IS ALWAYS UNLOCKED AND PROVIDES A SINGLE MOTION EXITING WHEN THE INTERIOR LEVER IS TURNED.



NEVER ALLOWED ON ANY "EXIT" DOOR.



COMMERCIAL DOOR EXIT HARDWARE



ALLOWED ON MAIN ENTRANCE ONLY ALONG WITH THE FOLLOWING SIGN.



THIS DOOR TO REMAIN UNLOCKED WHEN SPACE IS OCCUPIED

No.	Description	Date
1	Revision 1	9/26/2022
2	Revision 2	3/28/2023

**PROPOSED - SCHEDULES**

Issue Date:	5/31/2022
Job:	15
Drawn by :	JR VAN DIJS
Scale	As indicated