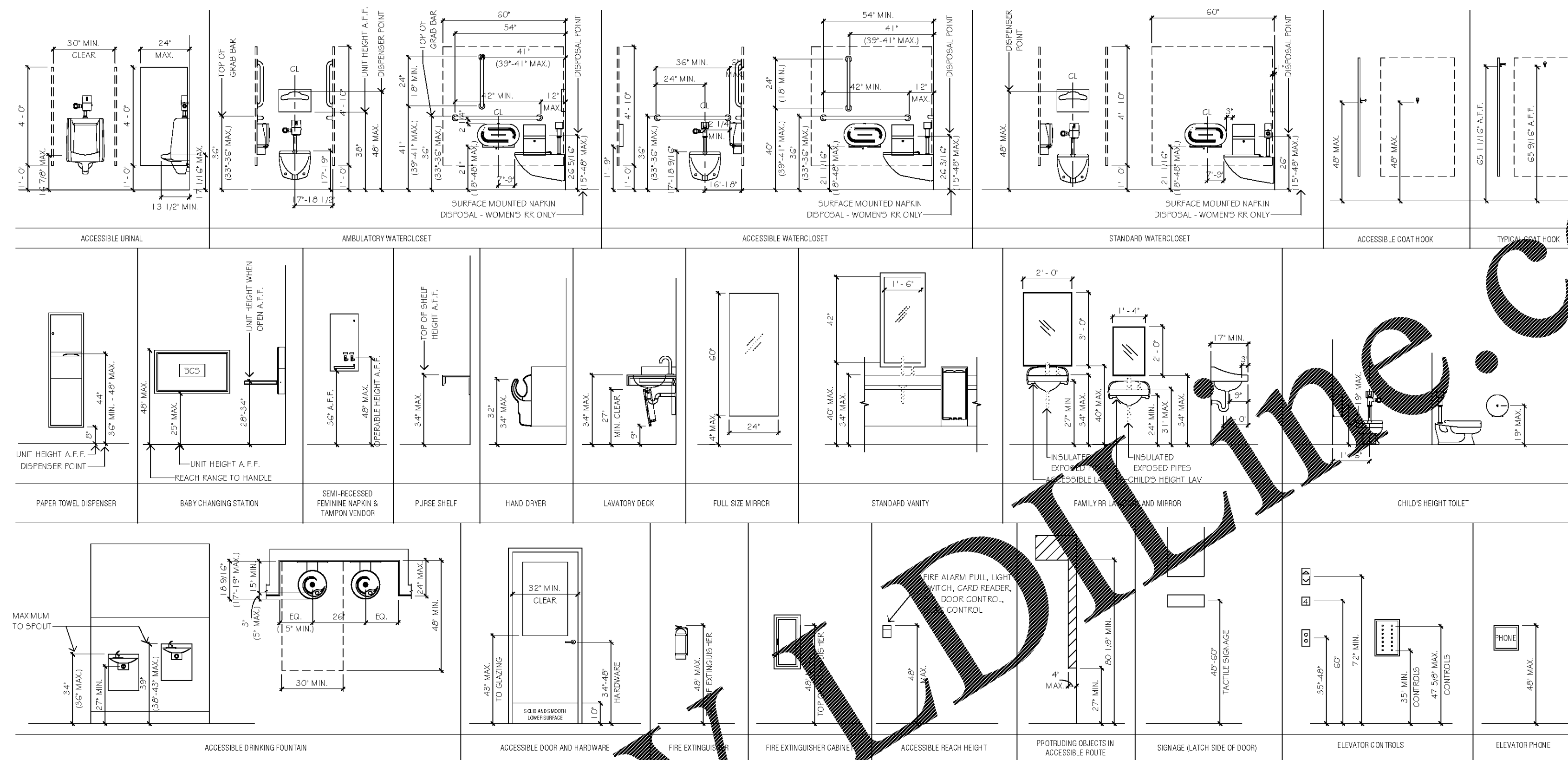

L7 ACCESSIBILITY FIXTURE NOTES

3/8" = 1'-0"

FIRE NOTES

INCLUDED AS A DEPARTMENT OF FIRE PREVENTION REQUIREMENT

1. THE MAXIMUM FLAME SPREAD CLASSIFICATION OF FINISH MATERIAL USED ON INTERIOR WALLS AND CEILINGS SHALL NOT EXCEED THAT SET FORTH IN THE INTERNATIONAL BUILDING CODE (IBC)
2. PROVIDE FIRE STOPPING TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AT 10'-0" O.C. EACH WAY.
3. PROVIDE A COMPLETE SUPERVISED AUTOMATIC FIRE SPRINKLER SYSTEM IN STRICT ACCORDANCE WITH THE FIRE DEPARTMENT REGULATIONS. SUBMIT PLANS BY A LICENSED FIRE SPRINKLER CONTRACTOR DIRECTLY TO THE FIRE DEPARTMENT, BUILDING DEPARTMENT AND TENANT INSURANCE COMPANY FOR REVIEW AND APPROVAL. SUBMIT SHOP DRAWINGS TO THE ARCHITECT PRIOR TO INSTALLATION, WITH ALL APPROVALS STAMPED THEREON.
4. EXIT SIGNS SHALL MEET THE REQUIREMENTS OF THE BUILDING AND FIRE CODES. SEE FLOOR PLANS, REFLECTED CEILING PLANS, AND ELECTRICAL LIGHTING PLANS FOR LOCATION OF EXIT LIGHTING. PROVIDE EXIT PATH LIGHTING GIVING A VALUE OF 1 FOOT-CANDLE MINIMUM AT FLOOR LEVEL. ILLUMINATED EXIT SIGNS SHALL BE POWERED FROM SEPARATE CIRCUITS AND SEPARATE SOURCES.
5. ALL EXIT DOORS SHALL BE OPEN-ABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. ONLY THE MAIN EXIT DOOR MAY HAVE A KEY OPERATED HARDWARE AND SHALL BE LABELED "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" IN BLOCK LETTERS A MINIMUM OF 1" HIGH ON CONTRASTING BACKGROUND. EFFORT TO OPERATE IS NOT TO EXCEED 8.5 LBS FOR EXTERIOR DOORS, 5 LBS FOR INTERIOR DOORS AND 15 LBS FOR FIRE RATED DOORS.
6. WITHIN A STRUCTURE, MAINTAIN AISLES LEADING TO REQUIRED EXITS CONTINUOUSLY TO A PUBLIC WAY OR AN APPROVED REFUGE AREA.
7. ONE HOUR FIRE RATED CORRIDORS SHALL HAVE DOOR OPENINGS PROTECTED BY TIGHT-FITTING SMOKE AND DRAFT CONTROL ASSEMBLIES RATED WITH A 20 MINUTE LABEL EXCEPT OPENINGS IN INTERIOR WALLS OF EXTERIOR EXIT BALCONIES. DOORS SHALL BE MAINTAINED SELF-CLOSING OR BE AUTOMATIC CLOSING BY THE ACTION OF A SMOKE DETECTOR. DOORS SHALL BE GRASKETED TO PROVIDE A SMOKE AND DRAFT SEAL WHERE THE DOOR MEETS THE STOP ON SIDES AND TOP.
8. PROVIDE FIRE DAMPERS WHERE DUCTWORK PENETRATES A FIRE RATED WALL OR CEILING ASSEMBLY.
9. DURING CONSTRUCTION AND/OR DEMOLITION, PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2A OR 2A10BC WITHIN 75' TRAVEL DISTANCE OF ALL PORTIONS OF THE BUILDING ON EACH FLOOR.
10. AT THE TIME OF THE OCCUPANCY PERMIT, PROVIDE EXTINGUISHERS OF THE SIZE AND TYPE REQUESTED BY THE FIRE OFFICIAL. FIRE EXTINGUISHER LOCATIONS SHALL BE DETERMINED BY FIELD INSPECTION IF NOT INDICATED ON THE APPROVED PLANS. LOCATIONS SHALL BE AGREED UPON BY THE INDIVIDUAL TENANTS AND THE FIRE OFFICIAL. ALL FIRE EXTINGUISHERS TO HAVE U.L. APPROVAL.
11. PRIOR TO DELIVERY OF COMBUSTIBLE MATERIAL TO THE PROJECT SITE, THE SITE WATER SYSTEM SHALL PASS ALL REQUIRED TESTS AND BE CONNECTED TO THE PUBLIC WATER SUPPLY SYSTEM. IN ADDITION, AN APPROVED ALL WEATHER ROAD SHALL BE IN PLACE TO PROVIDE ADEQUATE AND PERMANENT ACCESS FOR EMERGENCY VEHICLES.
12. MAINTAIN GOOD HOUSEKEEPING AT ALL TIMES. ACCUMULATION OF COMBUSTIBLE WASTE MATERIALS IN THE BUILDING IS NOT ALLOWED.
13. CLEARLY IDENTIFY FIRE PROTECTION EQUIPMENT AND FIRE HYDRANTS, IN A MANNER APPROVED BY THE FIRE MARSHAL, TO PREVENT OBSTRUCTION BY PARKING AND OTHER OBSTRUCTIONS.
14. ALL INSULATION MATERIALS INCLUDING FACINGS SUCH AS VAPOR BARRIERS OR BREATHER PAPERS INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES OR ATTICS SHALL HAVE A FLAME-SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450.

GENERAL NOTE:
ACCESSIBILITY CLEARANCE NOTES LIMITED TO SCOPE OF WORK ONLY.

RAMPS

NOTE: ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1 FT. RISE IN 20 F. OF HORIZONTAL RUN.
1. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION SHALL BE 1 TO 12. THE MAXIMUM RISE FOR ANY RUN SHALL BE 30 INCHES.
EXCEPTION: CURB RAMPS AND INTERIOR OR EXTERIOR RAMPS TO BE CONSTRUCTED ON SITES OR IN EXISTING BUILDINGS OR FACILITIES WHERE SPACE LIMITATIONS PROHIBIT THE USE OF A 1:12 SLOPE OR LESS MAY HAVE SLOPES AND RISES AS FOLLOWS:
(a) A SLOPE BETWEEN 1:10 AND 1:12 IS ALLOWED FOR A MAXIMUM RISE OF 6 INCHES.
(b) A SLOPE BETWEEN 1:8 AND 1:10 IS ALLOWED FOR A MAXIMUM RISE OF 3 INCHES. A SLOPE STEEPER THAN 1:8 IS NOT ALLOWED.
2. THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50 (1/4" / FT.).
3. THE MINIMUM CLEAR WIDTH OF A RAMP SHALL BE 36 INCHES.
EXCEPTION: RAMPS THAT ARE PART OF A REQUIRED MEANS OF EGRESS SHALL BE NOT LESS THAN 44 INCHES WIDE.
4. RAMPS SHALL HAVE LEVEL LANDINGS AT BOTTOM AND TOP OF EACH RAMP AND EACH RAMP RUN. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:
(a) THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.
(b) ALL LANDINGS ON RAMPS SHALL BE NOT LESS THAN 60 INCHES CLEAR, AND THE BOTTOM OF EACH RAMP SHALL HAVE NOT LESS THAN 72 INCHES OF STRAIGHT AND LEVEL CLEARANCE.
(c) IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60 INCHES BY 60 INCHES.
5. IF A RAMP RUN HAS A RISE GREATER THAN 6 INCHES OR A HORIZONTAL PROJECTION GREATER THAN 72 INCHES, THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS OR ADJACENT TO SEATING IN ASSEMBLY AREAS. HANDRAILS SHALL HAVE THE FOLLOWING FEATURES:
(a) HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
(b) HANDRAILS ON RAMPS WHICH ARE NOT CONTINUOUS SHALL EXTEND NOT LESS THAN 18 INCHES BEYOND THE SLOPED SEGMENT AT BOTH THE TOP AND BOTTOM, AND SHALL BE PARALLEL TO THE FLOOR OR GROUND SURFACE.
(c) THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE 1.5 INCHES.
(d) GRIPPING SURFACES SHALL BE CONTINUOUS.
(e) TOP OF HANDRAIL GRIPPING SURFACES SHALL BE MOUNTED BETWEEN 34 INCHES AND 38 INCHES ABOVE RAMP SURFACES.
(f) ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.
(g) HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
6. THE GRIP PORTION OF HANDRAILS SHALL NOT BE LESS THAN 1-1/4" OR GREATER THAN 1-1/2" IN CROSS SECTIONAL DIMENSION, OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACES, AND ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS.
7. 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".

STAIRWAYS

1. ON ANY GIVEN FLIGHT OF STAIRS, ALL STEPS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD WIDTHS. STAIR TREADS SHALL BE NO LESS THAN 11 INCHES WIDE, MEASURED FROM RISER TO RISER. OPEN RISERS ARE NOT PERMITTED.
2. THE UNDERSIDES OF NOSING SHALL NOT BE ABRUPT. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE NO GREATER THAN 1/2". RISERS SHALL BE SLOPED OR THE UNDERSIDE OF THE NOSING SHALL HAVE AN ANGLE NOT LESS THAN 60 DEGREES FROM THE HORIZONTAL. NOSING SHALL PROJECT NO MORE THAN 1-1/2 INCHES.
3. STAIRWAYS SHALL HAVE HANDRAILS AT BOTH SIDES OF ALL STAIRS. HANDRAILS SHALL HAVE THE FOLLOWING FEATURES:
(a) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES OF STAIRS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG STAIRS SHALL ALWAYS BE CONTINUOUS.
(b) IF HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12 INCHES BEYOND THE TOP RISER AND AT LEAST 12 INCHES PLUS THE WIDTH OF ONE TREAD BEYOND THE BOTTOM RISER. AT THE TOP, THE EXTENSION SHALL BE PARALLEL WITH THE FLOOR OR GROUND SURFACE. AT THE BOTTOM, THE HANDRAIL SHALL CONTINUE TO SLOPE FOR A DISTANCE OF THE WIDTH OF ONE TREAD FROM THE BOTTOM RISER; THE REMAINDER OF THE EXTENSION SHALL BE HORIZONTAL.
(c) THE CLEAR SPACE BETWEEN HANDRAILS AND WALL SHALL BE 1-1/2 INCHES.
(d) GRIPPING SURFACES SHALL BE UNINTERRUPTED BY NEWEL POSTS, OTHER CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS.
(e) TOP OF HANDRAIL GRIPPING SURFACE SHALL BE MOUNTED BETWEEN 34 INCHES AND 38 INCHES ABOVE STAIR NOSING.
(f) ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL OR POST.
(g) HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

CONTROLS & OPERATING MECHANISMS

1. CLEAR FLOOR SPACE COMPLYING WITH SECTION 11-4.2.4 THAT ALLOWS A FORWARD OR A PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT.
2. THE HIGHEST OPERABLE PART OF CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN AT LEAST ONE OF THE REACH RANGES SPECIFIED IN SECTIONS 11-4.2.5 AND 11-4.2.6. ELECTRICAL AND COMMUNICATIONS SYSTEM RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15 INCHES ABOVE THE FLOOR.
EXCEPTION: THESE REQUIREMENTS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL AND COMMUNICATIONS SYSTEMS RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.
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 LBF (22.2 N).

ENTRANCES AND EXITS

1. ENTRANCES SHALL BE CONNECTED BY AN ACCESSIBLE ROUTE TO PUBLIC TRANSPORTATION STOPS, TO ACCESSIBLE PARKING AND PASSENGER LOADING ZONES, AND TO PUBLIC STREETS OR SIDEWALKS IF AVAILABLE. THEY SHALL ALSO BE CONNECTED BY AN ACCESSIBLE ROUTE TO ALL ACCESSIBLE SPACES OR ELEMENTS WITHIN THE BUILDING OR FACILITY.
2. A SERVICE ENTRANCE SHALL NOT BE THE SOLE ACCESSIBLE ENTRANCE UNLESS IT IS THE ONLY ENTRANCE TO A BUILDING OR FACILITY (FOR EXAMPLE, IN A FACTORY OR GARAGE).
3. ALL REQUIRED WALK THROUGH OPENINGS IN BUILDINGS SHALL HAVE AT LEAST 29 INCHES OF CLEAR WIDTH.
4. REVOLVING DOORS OR TURNSTILES SHALL NOT BE THE ONLY MEANS OF PASSAGE AT AN ACCESSIBLE ENTRANCE OR ALONG AN ACCESSIBLE ROUTE. AN ACCESSIBLE GATE OR DOOR SHALL BE PROVIDED ADJACENT TO THE TURNSTILE OR REVOLVING DOOR AND SHALL BE SO DESIGNED AS TO FACILITATE THE SAME USE PATTERN.
5. TURNSTILES SHALL NOT BE USED IN OCCUPANCIES WHICH SERVE FEWER THAN 100 PERSONS, BUT TURNSTILES MAY BE USED IN OCCUPANCIES WHICH SERVE AT LEAST 100 PERSONS IF THERE IS AN UNLOCKED ALTERNATE PASSAGEWAY ON AN ACCESSIBLE ROUTE AFFORDING NOT LESS THAN 32 INCHES OF CLEARANCE, EQUIPPED WITH LATCHING DEVICES IN ACCORDANCE WITH THIS CODE.
6. DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES WITH THE DOOR OPEN 90 DEGREES, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP.
EXCEPTION: DOORS NOT REQUIRING FULL USER PASSAGE, SUCH AS SHALLOW CLOSETS, MAY HAVE THE CLEAR OPENING REDUCED TO 20 INCHES MINIMUM.
7. THE MINIMUM SPACE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES SHALL BE 48 INCHES PLUS THE WIDTH OF ANY DOOR SWINGING INTO THE SPACE. DOORS IN SERIES SHALL SWING EITHER IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS.
8. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4 INCH IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2 INCH FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
9. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. WHEN SLIDING DOORS ARE FULLY OPEN, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48 INCHES ABOVE FINISH FLOOR.
10. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
11. THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:
(a) FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
(b) EXTERIOR HINGED DOORS SHALL BE SO DESIGNED THAT SUCH DOORS CAN BE PUSHED OR PULLED OPEN WITH A FORCE NOT EXCEEDING 8.5 LBF (37.8 N).
(c) INTERIOR HINGED DOORS: 5 LBF (22.2 N)
(d) SLIDING OR FOLDING DOORS: 5 LBF (22.2 N)
THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT MAY HOLD THE DOOR IN A CLOSED POSITION.
12. IF AN AUTOMATIC DOOR IS USED, THEN IT SHALL COMPLY WITH ANSI/BHMA A156.10-1985. SLOWLY OPENING, LOW-POWERED, AUTOMATIC DOORS SHALL COMPLY WITH ANSI A156.19-1984. SUCH DOORS SHALL NOT OPEN TO BACK CHECK FASTER THAN 3 SECONDS AND SHALL REQUIRE NO MORE THAN 15 LBF (66.6 N) TO STOP DOOR MOVEMENT. IF A POWER-ASSISTED DOOR IS USED, ITS CLOSING SHALL CONFORM TO THE REQUIREMENTS IN ANSI A156.19-1984.

FLOORS AND LEVELS

1. 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.
2. CHANGES IN LEVEL UP TO 1/4 INCHES MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2 INCH SHALL BE ACCOMPLISHED BY MEANS OF A RAMP.
3. IF CARPET OR CARPET TILE IS USED ON A GROUND OR FLOOR SURFACE, THEN 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 THICKNESS SHALL BE 1/2 INCH. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.

GRAB BARS

1. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A HANDRAIL OR GRAB BAR SHALL BE 1-1/4 INCHES TO 1-1/2 INCHES, OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF HANDRAILS OR GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2 INCHES. HANDRAILS MAY BE LOCATED IN A RECESS IF THE RECESS IS A MAXIMUM OF 3 INCHES DEEP AND EXTENDS AT LEAST 18 INCHES ABOVE THE TOP OF THE RAIL.
2. THE STRUCTURAL STRENGTH OF GRAB BARS, TUB AND SHOWER SEATS, FASTENERS AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATION:
(a) BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF 250 LBF (1112 N) SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
(b) SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF 250 LBF (1112 N) SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT. IF THE CONNECTION BETWEEN 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 BE TOTALED FOR THE COMBINED SHEAR STRESS, WHICH SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
(c) SHEAR FORCE INDUCED IN A FASTENER OR MOUNTING DEVICE FROM THE APPLICATION OF 250 LBF (1112 N) SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER IS THE SMALLER ALLOWABLE LOAD.
(d) TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 250 LBF (1112 N) PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF 250 LBF (1112N) SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND THE SUPPORTING STRUCTURE.
(e) GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
3. A HANDRAIL OR 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 INCHES (3.2 MM).

SANITARY FACILITIES

1. ALL DOORS TO ACCESSIBLE TOILET ROOMS SHALL COMPLY WITH SECTION 11-4.13. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE REQUIRED FOR ANY FIXTURE.
2. THE ACCESSIBLE FIXTURES AND CONTROLS REQUIRED IN SECTIONS 11-4.22.4, 11-4.22.5, 11-4.22.6 AND 11-4.22.7 SHALL BE ON AN ACCESSIBLE ROUTE. AN UNOBSTRUCTED TURNING SPACE COMPLYING WITH SECTION 11-4.2.3 SHALL BE PROVIDED WITHIN AN ACCESSIBLE TOILET ROOM. THE CLEAR FLOOR SPACE AT FIXTURES AND CONTROLS, THE ACCESSIBLE ROUTE, AND THE TURNING SPACE MAY OVERLAP.
3. IF TOILET STALLS ARE PROVIDED, THEN AT LEAST ONE SHALL BE A STANDARD TOILET STALL COMPLYING WITH SECTION 11-4.17; WHERE SIX OR MORE STALLS ARE PROVIDED, IN ADDITION TO THE STALL COMPLYING WITH SECTION 11-4.17.3, AT LEAST ONE STALL 36 INCHES WIDE WITH AN OUTWARD SWINGING, SELF-CLOSING DOOR AND PARALLEL GRAB BARS COMPLYING WITH SECTION 11-4.26 SHALL BE PROVIDED. WATER CLOSETS IN SUCH STALLS SHALL COMPLY WITH SECTION 11-4.16. IF WATER CLOSETS ARE NOT IN STALLS, THEN AT LEAST ONE SHALL COMPLY WITH SECTION 11-4.16.
4. IF URINALS ARE PROVIDED, THEN AT LEAST ONE SHALL COMPLY WITH SECTION 11-4.18.
5. IF LAVATORIES AND MIRRORS ARE PROVIDED, THEN AT LEAST ONE OF EACH SHALL COMPLY WITH SECTION 11-4.19.
6. IF CONTROLS, DISPENSERS, RECEPTACLES, OR OTHER EQUIPMENT ARE PROVIDED, THEN AT LEAST ONE OF EACH SHALL BE ON AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH SECTION 11-4.27.

SIGNS & IDENTIFICATION

LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10. 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.

MINIMUM CHARACTER HEIGHT IS 3 INCHES.

LETTERS AND NUMERALS SHALL BE RAISED 1/32 INCHES, UPPER CASE, SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8 INCHES HIGH, BUT NO HIGHER THAN 2 INCHES. PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6 INCHES MINIMUM IN HEIGHT.

THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE, OR OTHER NONGLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND—EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

FACILITIES AND ELEMENTS REQUIRED TO BE IDENTIFIED AS ACCESSIBLE BY SECTION 11-4.1 SHALL USE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.

TELEPHONES REQUIRED TO HAVE A VOLUME CONTROL BY SECTION 11-4.1.3(17)(B) SHALL BE IDENTIFIED BY A SIGN CONTAINING A DEPICTION OF A TELEPHONE HANDSET WITH RADIATING SOUND WAVES.

TEXT TELEPHONES. TEXT TELEPHONES REQUIRED BY SECTION 11-4.1.3(17)(C) SHALL BE IDENTIFIED BY THE INTERNATIONAL TDD SYMBOL. IN ADDITION, IF A FACILITY HAS A PUBLIC TEXT TELEPHONE, DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF THE NEAREST TEXT TELEPHONE SHALL BE PLACED ADJACENT TO ALL BANKS OF TELEPHONES WHICH DO NOT CONTAIN A TEXT TELEPHONE. SUCH DIRECTIONAL SIGNAGE SHALL INCLUDE THE INTERNATIONAL TDD SYMBOL. IF A FACILITY HAS NO BANKS OF TELEPHONES, THE DIRECTIONAL SIGNAGE SHALL BE PROVIDED AT THE ENTRANCE (E.G., IN A BUILDING DIRECTORY).

ASSISTIVE LISTENING SYSTEMS. IN ASSEMBLY AREAS WHERE PERMANENTLY INSTALLED ASSISTIVE LISTENING SYSTEMS ARE REQUIRED BY SECTION 11-4.1.3(19)(B) THE AVAILABILITY OF SUCH SYSTEMS SHALL BE IDENTIFIED WITH SIGNAGE THAT INCLUDES THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS.

A7 ACCESSIBILITY NOTES

12" = 1'-0"

A1 NOT USED

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STATE OF GEORGIA REGISTERED ARCHITECT

SIGNATURE DATE: 05/22/18

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SHEET LEGEND

G000's	GENERAL INFORMATION & SCOPE OF WORK
N100's	EGRESS / ADA PLANS & DETAILS
A100's	FLOOR PLANS & CEILING PLANS
A200's	EXTERIOR & INTERIOR ELEVATIONS
A300's	BUILDING SECTIONS
A400's	ENLARGED PLANS
A500's	EXTERIOR & INTERIOR DETAILS
A600's	DOOR SCHEDULE, DOOR DETAILS, FINISH SCHEDULE, FINISH PLANS
Q100's	AUDITORIUM SIGHT LINE SECTIONS
S's	STRUCTURAL
M's	MECHANICAL
P's	PLUMBING
E's	ELECTRICAL
WF's	WAYFINDING DETAILS
FS's	CASEWORK & EQUIPMENT
PLF's	PLF AUDITORIUM

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No.	Date	Description

Project Issue Date: 05/22/2018

KEY PLAN:

SHEET TITLE:
ACCESSIBILITY NOTES

SHEET NUMBER:
N120