

MASTER ACCESSIBLE CHECKLIST 2012

Date: Completed by: D. Novack (DMS) Disability Management System	The purpose of the checklist is to provide a ready reference when assessing designs and/or site locations for alteration and new construction projects in order to satisfy Duke's obligations under 42 U.S.C. 12182(b)(2)(A)(ii), . 12182(b)(2)(A)(iii), . 12182(b)(2)(A)(iv), and 42 U.S.C. 12183 (a). It outlines the ADA accessibility "elements" which need to be considered and provides links to the enforceable standards, ADA, Accessibility Guidelines (ADAAG). Places of public accommodation and commercial facilities covered by Title III of the ADA are required by 28 CFR 36.401, 36.402, 36.406 to comply with ADAAG. The ADAAG provides detailed requirements which are likewise reflected in the NC Accessibility Building Code, Volume 1-C. It should be noted that final accountability for inclusion of all ADA requirements rests with design professionals in all phases of new construction and alteration design projects.
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PROJECT INFORMATION

BUILDING NUMBER		BASEMENT	
BUILDING/AREA NAME		1 ST FLOOR	
DIVISION		2 ND FLOOR	
CONTACT PERSON		3 RD FLOOR	
CONTACT NUMBER		4 TH FLOOR	
NEW CONSTRUCTION		5 TH FLOOR	
ALTERATIONS		6 TH FLOOR	
ADDITIONS		7 TH FLOOR	
HISTORICAL PRESERVATIONS		HIGHER	
BARRIER REMOVAL		LEASED PROPERTY	

PROGRAM ELEMENTS	2010 ADAAG	NC ACCESS CODE	COMMENTS
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ACCESSIBLE PARKING

Van/Regular		208,502	502	
Closest Space (s) to accessible entrance		208.3.1	1106.6	
Located on accessible route		502.3	502.4.1	
Van spaces 1 in 6 (more stringent)		208.2.4	1106.5	
Width of space/access aisle				
Regular car 96" wide min		502.2	502.2	
Van space 132" wide min		208.2.4	502.2	Can be 96" wide if access is 96" wide
Access aisle 60" min (or 8'x8')		502.3.1	502.4.2	
Access aisle marked		502.3.3	503.3.4	
Access aisle full length of p.s.		502.3.2	503.3.3	ADAAG=Full length NC=20' min
Vertical signage w/international symbol		216.5, 502.6	507.7, 1110.1	Fewer than 4 spaces including accessible, signage not required
60" min to bottom of sign		502.6	502.7	
Van accessible indicated		502.6	502.7	

BUS SHELTERS

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PROGRAM ELEMENTS		2010 ADAAG	NC ACCESS CODE	COMMENTS
ACCESSIBLE PATHWAY - EXTERIOR				
From Parking Lot to Accessible Entrance		206.2	1104.1	
Running slope no steeper than 1:20		403.3	403.3	
Cross slope no steeper than 1:48		403.3	403.3	
Curb ramp		406	406	
Ramp run no steeper than 1:12 (w/exception)		405.2	405.2	
Cross slope no steeper than 1:48		405.3	405.3	
Curb ramp flares no steeper than 1:10		406.3	406.3	
Landing provided at top of curb ramp (w/exception)		406.4	406.7	
Landing length = 36"		406.4	406.7	
Landing width = width of ramp		406.4	406.7	
Tactile Warnings		705, 810.5.2	705, 406.12, 406.13, 805.5.2	NC CODE requires continuing use of truncated dome areas. Fed Code use of truncated domes pending.
Signage		216.6	1110.1	
RAMPS				
Edge Protection		405.9	405.9	
Slope				
Running slope no steeper than 1:12		405.2	405.2	
Cross slope no steeper than 1:48		405.3	405.3	
Rise 30" maximum		405.6	405.6	
Landings TOP		405.7	405.7	
BOTTOM		405.7	405.7	
Length 60" min		405.7.3	405.7.3	
Width=width of widest ramp run		405.7.2	405.7.2	
Handrails (when rise 76")		405.8	405.8	Both Sides
Height 34"min to 38"max		505.4	505.4	
Top Extension 12"		505.10	505.10	
Bottom Extension 12"		505.10	505.10	
EXTERIOR DOORS				
Clear Width 32"min		404.2.3	404.2.2	
Maneuvering Clearances		404.2.4	404.2.3	
Door Closers		404.2.8.1	404.2.7	
Automatic Door Opener		404.3	404.3	
Signage		216.6	1110.1	
Lever Hardware		404.2.7	404.2.6	
Mounting Heights		404.2.7	404.2.6	
Door Pressure		404.2.9	404.2.8	
Thresholds		404.2.5, 303	404.2.4, 303	
½" high max w ¼" vertical ¼" beveled		404.2.5, 303	404.2.4, 303	

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PROGRAM ELEMENTS	2010 ADAAG	NC ACCESS CODE	COMMENTS
EXTERIOR DOORS cont...			
Turnstiles			
INTERIOR			
Accessible Pathway	402, 403	402, 403	
Maneuvering Clearances	404.2.4	404.2.4	
Interior Room Signage	216, 703	703	
Carpeting	302.2	302.2	
Protruding Objects	204, 307	204, 307	
4" max between 27" and 80" above floor	307	307	
Doors	404	404	
32" width min	404.2.3	404.2.2	
Door closure 5lb pressure max	404.2.9	404.2.8	
Lever handle hardware	404.2.7	404.2.6	
RECEPTION/WAITING AREAS			
Maneuvering Clearances	404.2.4	404.2.3	
Registration Counters	227.3, 904.4	904	
Parallel approach-36"min length 36"max height	904.4.1	904.3.1	
30"x48" clear floor space	305	305	
Forward approach-30"min length 36"max height	904.4.2	904.3.2	
30"x48" clear floor space	305	305	
Knee & Toe clearance	306	306	
Check-In Kiosks			Counter Dimensions applicable
Parallel approach-36"min length 36"max height			Counter Dimensions applicable
30"x48" clear floor space			Counter Dimensions applicable
48"max to top of touch screen			
Brochure Racks			
48"max from floor	308	308	
Controls/Dispensers/Operating/ Mechanisms	205.1, 308, 309	308, 309	
WATER FOUNTAINS			
Clearances	211, 602	1109.5, 602	
Clear floor space 30"x48" forward approach	305	305	
Clear floor space 30"x48" parallel approach	305	305	
Spout Height	602.4	602.4	
36"max above the floor – wheelchair	602.4	602.4	
38"min - standing	602.7	602.7	
Controls one-hand operation	309.4	309.4	
PUBLIC RESTROOMS			
Located on accessible route	213.1	1109.2	
Toilet Rooms	213, 603	1109.2, 603	
60"min circular turning space	603.2.1, 304.3.1	603.2, 304	
T-Shaped turning space	603.2.1, 304.3.2	304.3.2	

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PROGRAM ELEMENTS	2010 ADAAG	NC ACCESS	COMMENTS
PUBLIC RESTROOMS cont...			
Toilet Stalls-Wheelchair Access.	213.3.1, 604.8	1109.2.2, 604	
60" w x 56" d wall hung wc	604.8.1.1	604.8.2	
60" w x 59" d floor mounted	608.8.1.1	604.8.2	
Toe clearance 9" min above floor	604.8.1.4	604.8.5	
Doors	604.8.1.2	604.8.3	
Shall not swing into cfs/clearance for any fixture	603.2.3	603.2.3	
Water Closets	213.3.2, 604	604	
Centerline of toilet 16"-18" from wall/partition	604.2	604.2	
Top of toilet 17" to 19" fm floor	604.2	604.2	
Flush control operable w/1 hand or automatic	604.6, 309.4	604.6, 309	
Located on open side of wc	604.6	604.6	
Urinals	213.3.3, 605	605	
Lavatories	213.3.4, 606	606	
Counter no more than 34" from floor	606.3	606.3	
Clear floor space 30"x48"	305, 306, 606.2	305, 306, 606.2	
CFS measured under lav	306	306	
Hot water and drain pipes insulatd	606.5	606.6	
Faucet one hand operation	309.4		
Maneuvering Clearances	404.2.4	404.2.3	
Turning Space	603.2.1	603.2.1	
Unobstructed 60" turning space in toilet room	304.3.1	304.3.1	
Mirrors	213.3.5, 603.3	603.3	
Bottom edge no more than 40" from floor	603.3	603.3	
Grab Bars	604.8.2.3, 609	604.5	
Cross Section 1 1/4" – 2"	609.2	609.2	
Spacing 1 1/2"	609.3	609.3	
Rear grab bar min 36" Water Closet	604.5.2	604.5.2	
Side grab bar min 42" Water Closet	604.5.1	604.5.1	
Vertical grab bar min 18"L, 39- 41 to bottom of bar 39-41 r. wall		604.5.1	ADAAG does not require Vertical grab bar. Only NC Code requires.
Grab bars 33" to 36" from floor	609.4	609.4	
Clear Floor Space	306	306	
30"x48" at fixtures	306	306	
No door swing into cfs at fixture	603.2.3	603.2.3	
Specimen Receptacles at 48"	308	308	
Dispensers	604.7, 309.4	604.7, 309.4	
Toilet Paper 7"- 9" in front of wc outlet 15" min – 48 max above fl	604.7, 309.4	604.7, 309.4	

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PROGRAM ELEMENTS		2010 ADAAG	NC ACCESS CODE	COMMENTS
PUBLIC RESTROOMS cont...				
Paper towel		309.4	309.4	
Seat Cover		309.4	309.4	
Sanitary Napkin		309.4	309.4	
Coat Hooks & Shelves at 48"		603.4, 308	603.4	
Signage		216, 703	703	
EXAM ROOMS				
Note: Not all exam rooms need to meet following criteria. At least one exam room per general area should meet accessibility standards. This can include special procedures room.				
Located on accessible route		213.1	1109.2	
Maneuvering Clearances		404.2.4	404.2.3	
Turning Space		603.2.1	603.2.1	
Unobstructed 60" turning space		304.3.1	304.3.1	
Clothing Hooks 40" to 48"		603.4, 308	603.4	
Accessible Exam Table				
DRESSING/FITTING ROOMS				
Clothing Hooks		304.3.1	304.3.1	
Maneuvering Clearances		404.2.4	404.2.3	
Turning Space		603.2.1	603.3.1	
Lockers (if provided)		811, 308	905, 308	
SHOWER ROOMS				
Located on accessible route		608	608	
Shower Stalls		608	608	
Bathtubs		607	607	
ELEVATORS				
General		206.6, 407	1109.6, 407	
Clear Floor Space 30"x48"		305	305	
Cab		407.4	407.4	
Doors =horizontal sliding		407.3.1	407.3.1	
Central door = 42"		407.4.1	407.4.1	
Side door = 36"		407.4.1	407.4.1	
Center door – Cab =80"x51" w/exception		407.4.1	407.4.1	
Side door – Cab =68"x51" w/ex		407.4.1	407.4.1	
Communication		407.2	407.2	
Call button visible signals		407.2.1	407.2.1	
Hall visible & audible signal		407.2.2	407.2.2	
Audible/Visible Car position indicators		407.2.2.1	407.2.2.1	
Controls		407.2.1	407.2.1	
Forward reach = 48"		308.2	308.2	
Side reach = 48"		308.3	308.3	
Up button above Down button		407.2.1.4	407.2.1.4	
EMERGENCY FIRE ALARMS				
Audio		215, 702	702	
Visual		215, 702	702	
STAIRWAYS				
General		210, 504	504	
Railings		504, 505	504, 505	

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PROGRAM ELEMENTS	2010 ADAAG	NC ACCESS CODE	COMMENTS
AREA OF ASSEMBLY			
Fixed aisle seating	221, 802.1	802	
Signage	802.4.2	802.8.2	
Types of Seats	221, 802.1	802	
Assistive Listening System (s)	219, 706	706	
Wheelchair Seating Dispersed	221.2.3, 802.2	802.10	
Wheelchair Companion Seating	221.3, 802.3	802.7	
Wheelchair Line of Sight	221.2.3, 802.2	802.9	
LIFTS (Wheelchair)			
Use and Features	206.7, 410	410	
MEDICAL CARE FACILITIES			
	Hospitals- general purpose hospitals, psychiatric facilities, detox – at least 10% of patient bedrooms and toilets, and all public use and common use areas are required to be designed and constructed to be accessible.		For Patient Bedrooms, Toilet Rooms, Clearances and other ADA elements as identified above apply.
	Hospitals and rehabilitation facilities specializing in tx conditions that affect mobility – All patient bedrooms and toilets, and all public use and common use areas are required to be designed and constructed accessible.		
Patient Bedrooms:			
Adjustable Bed			
Accessible Call Signal			
Accessible Bed Control, Television Control, telephone, and means to drink water for those with spinal cord injury.			
Turning Space			
Clear Floor Space			
Entry			
Circulation Path			
Patient Toilet Rooms:			
Water Closets			
Grab Bars			

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MEDICAL CARE FACILITIES CONT...			
Toilet Paper Dispensers			
Located on Accessible Route			
Toilet Stalls			
Urinals			
Portable Toilets			Many accessible portable toilets do not comply with the requirements for landings at doors. Please make sure that temporary landings are provided if this is a problem.
Lavatories and Mirrors			
Shower rooms			
Located on accessible route			
Shower Stalls			
Bathtubs			
Turning Space			
Floor Surfaces			
Size			
Door Swing			
Coat Hooks & Shelves			
General Equipment:			
Oversized Wheelchairs (Bariatric)			
Wheelchair Scales			
Assistive Listening Devices			
Patient Lifts			
Adjustable Radiological and exam equipment, tables, procedure chairs adjusting 17" to 19" AFF			

- OK =No action necessary
- NA =NA
- B =Pre-1993 Building Readily Achievable Barrier Removal element identified
- X =Post-1993 New Construction Barrier Identified
- R =Post-1993 Renovation Barrier Identified
- BR =Post-1993 Barrier Removal Project Identified