



ADA Compliance Program

Clark County Facilities Survey - Follow-up Survey - Salmon Creek Park and Ball Field

Date of Survey: October 3, 2006
Conducted by: Clark County Citizen ADA Advisory Board

- Wayne Yarnall
- Connie Brittain (Absent)
- Jesse Magana
- Bud Van Cleve
- Tim McVicker
- Teresa Guise

Note: A good-faith assessment was conducted of this building by the Clark County Citizen ADA Advisory Committee. Courtrooms and detention facilities were also surveyed.



Location: Parking Lot – Accessible Parking stalls
Item: Improper Signage for Disabled Parking
Requirements: Washington State signage is required.
Note: Signage for van accessible parking is also required for parking stalls specially designated for van parking.



Location: Parking Lot – Accessible Parking stalls
Item: No Access Aisle
The most westerly parking stall does not have an access aisle.

Note: Currently, there are 185 paved parking stalls. Four of the stalls are designated as disabled parking stalls.
Requirements: Per IBC Section 1106.1 and Table 1106.1, 6 parking stalls are required to ADA accessibly. Per the listed code, there should be 6 disabled parking stalls.
Requirements: Per IBC Section 1106.5 Van Spaces – For every six or fraction of six accessible parking spaces, at least one shall be a van-accessible parking space.
Per the listed codes, one of the 6 required stalls must be van accessible. Van accessible stalls must be 8 feet wide and have an access aisle that is also 8 feet wide.

Note: There is an overflow gravel parking lot on the west end of the paved lot. It is estimated that the gravel lot will accommodate approximately 100 additional parking spaces. If this area is to be used for parking, the number of ADA parking stalls and van accessible parking stalls will increase. The aforementioned section of the IBC, Section 1106.1, should be referenced to determine the number of ADA stalls based on the overall number of parking stalls for the entire park.



Location: Parking Lot – Accessible Parking Stalls – Pathway and Accessible Route Identification

Item: Painted Pathway.

Requirements – Though not required, it is highly recommended that a painted pathway be placed behind vehicles parked in the accessible parking stalls leading to the park entrance. This will provide persons using a path an increased measure of safety as well as alert motorists.

The photo inset below provides an example of a painted pathway.



Location: Entrance to Bridge from Parking Lot

Item: No detectable warnings from sidewalk to parking lot.

Requirements: Detectable Warnings

IBC- Section 1102 Definitions – Detectable Warnings – A standardized surface feature built in or applied to walking surfaces or other elements to warn visually impaired persons of hazards on a circulation path.

ANSI Code: 705.2 Standardization – Detectable warning surfaces shall be standard within a building, facility, site or complex of buildings

ANSI 705.5 Truncated Domes – Detectable warning surfaces shall have truncated domes complying with Section 705.5

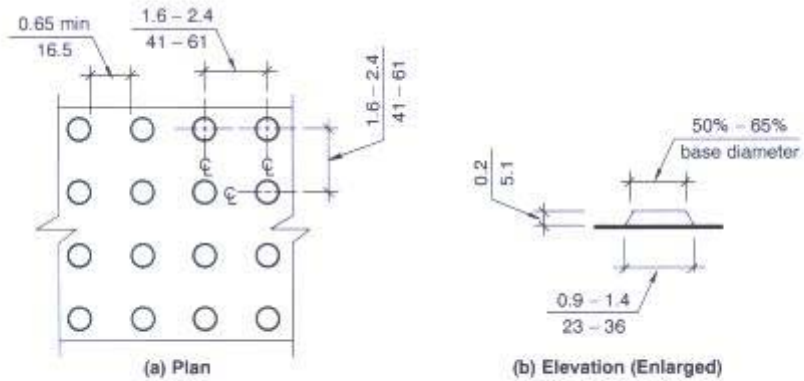


Fig. 705.5
Truncated Dome Size and Spacing



Location: North end of Bridge at Entrance to Park
 Item: Stability and Surface – Vertical distance exceeds ½ inch.
 Requirements: Surface Maintenance
 ANSI 302.1 – General
 Floor surfaces shall be stable, firm and slip resistant.
 ANSI 303.3 Beveled
 Changes in level greater than ¼ inch in height and not more than ½ inch maximum in height shall be beveled with a slope not steeper than 1:2.



Location: Beach/Water Access
 Item: Stability and Surface
 Requirements: ANSI 302.1 – General
 Floor surfaces shall be stable, firm and slip resistant.
 Persons in wheelchairs and other mobility devices cannot access the water's edge. Wheelchairs will become stuck in the loose sand. All persons have a right to enjoy the services provided by local government. Accessing the water in parks is such a service. Concrete paths should be constructed from the main pathway to the water in at least areas of the beach. Persons with wheelchairs, canes or walkers should be able to enter and enjoy the water. The water access paths should lead into the water several feet. Hand rails should be placed on the side of the pathway as it enters the water.



Location: Picnic Tables
 Item: Stability and Surface
 Requirements: ANSI 302.1 – General
 Floor surfaces shall be stable, firm and slip resistant.
 It is recommended that the concrete pads be extended on the ends of the picnic tables where wheelchair users can access the tables. As noted in the photograph below and to the left, the



surface where wheelchairs access the tables is uneven and extends into the grass.



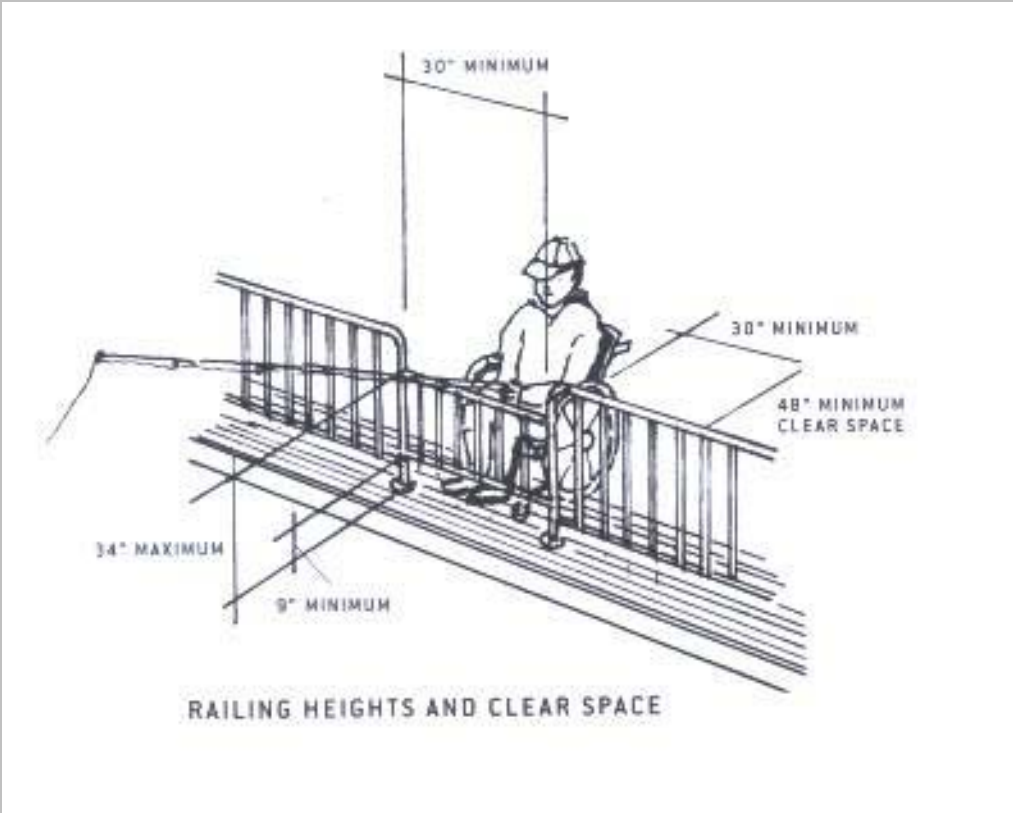
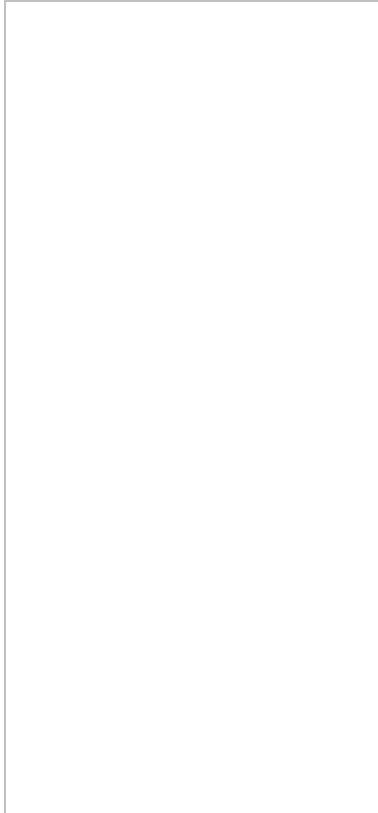
Location: Beach Access Area
Item: Stability and Surface
Requirements: ANSI 302.1 – General
Floor surfaces shall be stable, firm and slip resistant.



The beach area is bordered by a concrete sidewalk. The sand has eroded and is well below the curb surface. It is suggested that additional sand be brought in to fill this area thereby elevating the beach to make it even with the sidewalk. This will reduce trip and fall hazards.



Location: Fishing Piers
Item: Access
Requirements: See Notes
There are two fishing piers in the park. The pier shoulders to the water are protected by fences that are 45.5 inches high. As noted in the photo to the left, the height of the fence is excessive for individuals in wheelchairs who may wish to fish. It is suggested that at least two areas of the fence on each fishing pier be lowered to a height of 34 inches. These areas should also be mark as ADA accessible areas. (See diagram below)



Location: Concession Window
Item: Service Counter Height
Requirements: ANSI 904.3 Sales and Service Counters
ANSI 904.3.1 Parallel Approach – A portion of the counter surface 36 inches minimum in length and 36 inches maximum in height above the floor shall be provided. Where the counter surface is less than 36 inches in length, the entire counter surface shall be 36 inches maximum in height above the floor. A clear floor space complying with Section 305, positioned for approach to the accessible counter, shall be provided.

Note: The current counter or service area height is 42.5 inches. Until such time that renovations are or can be made, employees should be instructed to assist persons with disabilities when asked.



Location: Men's and Women's Restrooms
Item: Exposed Pipes
Requirements: ANSI 606.6 - Exposed Pipes and Surfaces – Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.



Location: Men's and Women's Restrooms

Item: Reach Range

Requirements: ANSI 308-2-1 Parallel Reach - Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the floor and 15 inches minimum above the floor.

ANSI 308.3.1 Side Reach – Unobstructed – Where a clear floor 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 floor.

Note: The electric hand driers push buttons are 51 inches high at the center of the button. Units in both restrooms need to be lowered.



Location: Men's Restroom

Item: Clearance

Requirements: ANSI – Section 605.3 Clear floor space – A clear floor space complying with Section 305, positioned for forward approach, shall be provided.

ANSI 305.3 Size – the clear floor space shall be 48 inches minimum on length and 30 inches minimum in width.

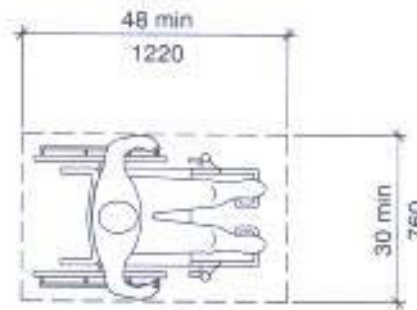


Fig. 305.3
Size of Clear Floor Space

Note: The width of the three urinal stalls shown in the photo to the left are, from left to right: 30"; 23" and 20". Per ANSI Section 305.3 - Size, the minimum width must be 30 inches. However, the urinal on the left side of the photo which has a 30 inch opening is not centered within this space. This makes a forward approach in a wheelchair almost impossible. Possible solution would be to remove the far right urinal and replace it with the lower level urinal. The partitions could be repositioned to permit centered space.



Location: Women's Restroom

Item: Stability and Surface

Requirements: ANSI 302.1 – General

Floor surfaces shall be stable, firm and slip resistant.

The north side seat in the women's restroom should be extended a minimum of 6 inches to the south. There is a trench just under the seat. The width of the trench extends slightly into the floor space below the seat. An individual in a wheel chair could easily drop a wheel into the trench during a parallel approach to the bench.



Location: Playground Area

Item: Stability and Surface

Requirements: ANSI 302.1 – General

Floor surfaces shall be stable, firm and slip resistant.

The playground area is bordered by a concrete sidewalk. The wood chip level is well below the curb surface. It is suggested that additional wood chips be brought in to fill this area thereby elevating the play area to make it even with the sidewalk. This will reduce trip and fall hazards.

Ball Fields



Location: Parking Lot – Accessible Parking stalls

Item: Improper Signage for Disabled Parking

Requirements: Washington State signage is required.

Note: Signage for van accessible parking is also required for parking stalls specially designated for van parking.

Note: Current parking stalls are not lined properly. There is no van accessible stall, and the current vehicle stalls are too narrow.

Note: There are 245 parking stalls for the ball fields. Only 4 of the stalls are designated as disabled parking stalls.

Requirements: Per IBC Section 1106.1 and Table 1106.1, 7 parking stalls are required to ADA accessibly.

Requirements: Per IBC Section 1106.5 Van Spaces – For every six or fraction of six accessible parking spaces, at least one shall be a van-accessible parking space.

Note: Per the listed codes, two of the 7 required stalls must be van accessible. Van accessible stalls must be 8 feet wide and

have an access aisle that is also 8 feet wide.



Location: Ball Field Parking Lot

Item: No detectible warnings on Curb Cuts for Disabled Parking Access Aisles.

Requirements: Detectable Warnings

IBC- Section 1102 Definitions – Detectable Warnings – A standardized surface feature built in or applied to walking surfaces or other elements to warn visually impaired persons of hazards on a circulation path.

ANSI Code: 705.2 Standardization – Detectable warning surfaces shall be standard within a building, facility, site or complex of buildings

ANSI 705.5 Truncated Domes – Detectable warning surfaces shall have truncated domes complying with Section 705.5

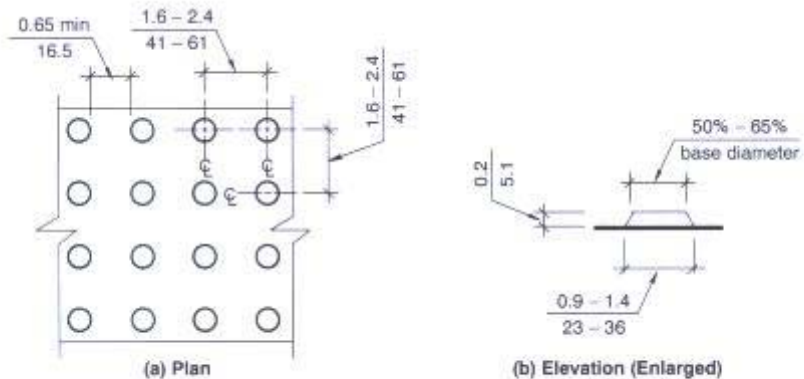


Fig. 705.5
Truncated Dome Size and Spacing



Location: Ball Field Parking Lot Islands

Item: No detectible warnings on the two island located in the parking lot

Requirements: Detectable Warnings

IBC- Section 1102 Definitions – Detectable Warnings – A standardized surface feature built in or applied to walking surfaces or other elements to warn visually impaired persons of hazards on a circulation path.

ANSI Code: 705.2 Standardization – Detectable warning surfaces shall be standard within a building, facility, site or complex of buildings

ANSI 705.5 Truncated Domes – Detectable warning surfaces shall have truncated domes complying with Section 705.5

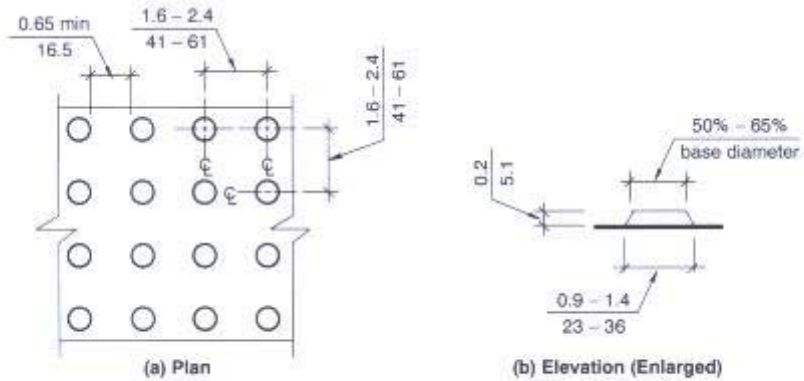


Fig. 705.5
Truncated Dome Size and Spacing



Item: Drinking Fountain – Ball Field Restroom - Protrusion Limits

ANSI 307.2 Protrusion Limits. Objects with leading edges more than 27 inches and not more than 80 inches above the floor shall protrude 4 inches maximum horizontally into the circulation path. The drinking fountain shown protrudes 18.5 inches and the height shown is 32.75 inches.

The fountain should be recessed into an alcove or protected with warning barriers.

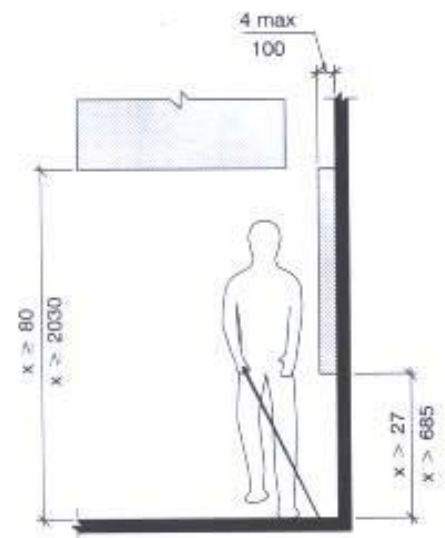


Fig. 307.2
Limits of Protruding Objects



Item – Ball Fields - Men’s and Women’s Restrooms

ANSI 606.6 - Exposed Pipes and Surfaces – Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.



Item: Signage Location

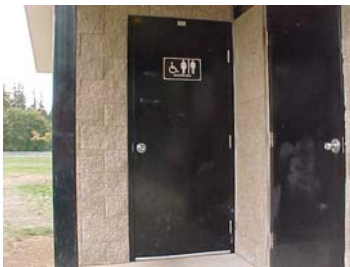
Location: Men's and Women's Restrooms

Requirements: ANSI 703 Signs – Please refer to ANSI standards for complete sign requirements

ANSI – 703.3.11 Location – Where a tactile sign is provided at a door, the sign shall be alongside the door at the latch side.

ANSI – 703.3.10 – Height Above Floor – Tactile characters shall be 48 inches minimum above the floor, measured to the baseline of the lowest tactile character and 60 inches maximum above the floor, measured to the baseline of the highest tactile character.

Note: Signs need to be moved as indicated per code.



Item: Accessible Door Handles

Location: Men's and Women's Restrooms

Requirements: ANSI Section 309.4 Operation – Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5.0 pounds maximum.

Note: Replace door knobs with latch-type handles on restroom doors.

Date: Initial Survey June 30, 2005				Estimated Cost:
Facility: Salmon Creek Reg. Park				Department Notified:
Survey by: Robert Phipps				Date of Notification:
Parking and Drop-off Areas				
The following violation(s) were observed at the above listed parking facility:				
See County Parking Compliance Assessment				
ITEM				RECOMMENDATIONS
Accessible Routes¹	n/a	Yes	No	Accessible Routes
1. Does the park have accessible routes to all accessible facilities within the park?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Expand existing accessible routes as needed <input type="checkbox"/> Construct accessible routes <input checked="" type="checkbox"/> Note: picnic tables
2. Where court sports are provided (i.e. tennis, basketball, and volleyball) are there accessible routes to each court? (Routes must connect both sides of the court)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Expand existing accessible routes as needed <input type="checkbox"/> Construct accessible routes <input type="checkbox"/> Note:
3. Are there accessible routes to any and all animal containment areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Expand existing accessible routes as needed <input type="checkbox"/> Construct accessible routes <input type="checkbox"/> Note:
4. Are there detectable warnings anywhere a route crosses a traffic way?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
Team Player Seating Areas	n/a	Yes	No	Team Player Seating Areas
5. Do fixed team or player seating areas contain the required number of wheelchair spaces and companion seats required by ADAAG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as needed <input type="checkbox"/> Install accessible seating area <input type="checkbox"/> Note
Restrooms	n/a	Yes	No	Restrooms
6. If rest rooms are available to the public, is at least one rest room (either one for each sex, or unisex) fully accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Reconfigure rest room. <input type="checkbox"/> Combine rest rooms to create one unisex accessible rest room. <input type="checkbox"/> Note:
7. Are there signs at inaccessible rest rooms that give directions to accessible ones?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install accessible signs. <input type="checkbox"/> Note:
8. Is there tactile signage identifying rest rooms? <i>Note: Mount signs on the wall, on the latch side of the door, complying with the permanent signage.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Add accessible signage, placed to the side of the door, 60 inches to centerline (not on the door itself). <input type="checkbox"/> If symbols are used, add supplementary verbal signage. <input type="checkbox"/> Note:
9. Are pictograms or symbols used to identify rest rooms, and, if used, are raised characters and braille included below?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> If symbols are used, add supplementary verbal signage with raised characters and braille below pictogram symbol. <input type="checkbox"/> Note:
10. Is the doorway at least 32 inches clear?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install offset (swing-clear) hinges.

¹ Accessible routes must comply with ADAAG provisions for the location, width (minimum 36 inches) passing space, head room, surface, slope (Maximum 1:12 (or 8.33%). Accessible routes must connect all accessible elements within the facility. Accessible routes must be stable, firm and slip resistant. There is no requirement to change the surface of a playing field to an accessible surface.

				<input type="checkbox"/> Widen the doorway. <input type="checkbox"/> Note:
11. Are doors equipped with accessible handles (operable with a closed fist), 48 inches high or less?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Lower handles. <input type="checkbox"/> Replace knobs or latches with lever or loop handles. <input type="checkbox"/> Add lever extensions. <input type="checkbox"/> Install power-assisted or automatic door openers. <input type="checkbox"/> Note:
12. Can doors be opened easily (5 lbf maximum force)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Adjust or replace closers. <input type="checkbox"/> Install lighter doors. <input type="checkbox"/> Install power-assisted or automatic door openers. <input type="checkbox"/> Note:
13. Does the entry configuration provide adequate maneuvering space for a person using a wheelchair? <i>Note: A person using a wheelchair needs 36 inches of clear width for forward movement, and a 5-foot diameter clear space or a T-shaped space to make turns. A minimum distance of 48 inches clear of the door swing is needed between the two doors of an entry vestibule.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rearrange furnishings such as chairs and trash cans. <input type="checkbox"/> Remove inner door if there is a vestibule with two doors. <input type="checkbox"/> Move or remove obstructing partitions. <input type="checkbox"/> Note:
14. Is there a 36-inch-wide path to all fixtures?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Remove obstructions. <input type="checkbox"/> Note:
15. Is the stall door operable with a closed fist, inside and out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Replace inaccessible knobs with lever or loop handles. <input type="checkbox"/> Add lever extensions. <input type="checkbox"/> Note:
16. Is there a wheelchair-accessible stall that has an area of at least 5 feet by 5 feet, clear of the door swing, OR is there a stall that is less accessible but that provides greater access than a typical stall (either 36 by 69 inches or 48 by 69 inches)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Move or remove partitions. <input type="checkbox"/> Reverse the door swing if it is safe to do so. <input type="checkbox"/> Note:
17. In the accessible stall, are there grab bars behind and on the side wall nearest to the toilet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Add grab bars. <input type="checkbox"/> Note:
18. Is the toilet seat 17 to 19 inches high?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Add raised seat. <input type="checkbox"/> Note:
19. Does one lavatory have a 30-inch-wide by 48-inch-deep clear space in front? <i>Note: A maximum of 19 inches of the required depth may be under the lavatory.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rearrange furnishings. <input type="checkbox"/> Replace lavatory. <input type="checkbox"/> Remove or alter cabinetry to provide space underneath. Make sure hot pipes are covered. <input type="checkbox"/> Move a partition or wall. <input type="checkbox"/> Note:
20. Is the lavatory rim no higher than 34 inches?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Adjust or replace lavatory. <input type="checkbox"/> Note:
21. Is there at least 29 inches from the floor to the bottom of the lavatory apron? (Excluding pipes)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Adjust or replace lavatory. <input type="checkbox"/> Note:
22. Can the faucet be operated with one closed fist?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Replace faucet handles with paddle type. <input type="checkbox"/> Note:

23. Are soap and other dispensers and hand dryers within reach ranges (see page 7) and usable with one closed fist?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Lower dispensers. <input type="checkbox"/> Replace with or provide additional accessible dispensers. <input checked="" type="checkbox"/> Note: 51"
24. Is the mirror mounted with the bottom edge of the reflecting surface 40 inches high or lower?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Lower or tilt down the mirror. <input type="checkbox"/> Add a larger mirror anywhere in the room. <input type="checkbox"/> Note:
Pit Toilets	n/a	Yes	No	Pit Toilets
25. Is there a clear space of 60 inches by 60 inches adjacent to the toilet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
26. Does the height of the pit toilet riser comply with ADAAG 4.16.3?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
27. Is the maneuvering space less than or equal to 1:50? (1:33 maximum allowed for drainage)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
28. If the pit toilet has walls, are grab bars installed consistent with ADAAG 4.16.4?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
29. Is the surface adjacent to the pit toilet firm and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
Utilities	n/a	Yes	No	Utilities
30. Is the maneuvering space less than or equal to 1:50? (1:33 maximum allowed for drainage)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
31. Is the surface adjacent to the utility firm and stable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
32. Are fixed water spouts located 28 inches minimum to 36 inches maximum above the ground or floor space?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Repair as needed <input checked="" type="checkbox"/> Note: 24" ht.
33. Is the maneuvering space less than or equal to 1:50? (1:33 maximum allowed for drainage)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
Drinking Fountains	n/a	Yes	No	Drinking Fountains
34. Is there at least one fountain with clear floor space of at least 30 by 48 inches in front?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Clear more room by rearranging or removing furnishings. <input type="checkbox"/> Note:
35. Is there one fountain with its spout no higher than 36 inches from the ground, and another with a standard height spout (or a single "hi-lo" fountain)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Provide cup dispensers for fountains with spouts that are too high. <input type="checkbox"/> Provide accessible water cooler. <input type="checkbox"/> Note:
36. Are controls mounted on the front or on the side near the front edge, and operable with one closed fist?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Replace the controls. <input type="checkbox"/> Note:
37. Is each water fountain cane-detectable (located within 27 inches off the floor or protruding less than 4 inches from the wall, into the circulation path)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Place a planter or other cane-detectable barrier on each side at floor level. <input type="checkbox"/> Note:
Telephones	n/a	Yes	No	Telephones
38. If pay or public use phones are provided, is there clear floor space of at least 30 by 48 inches in front of at least one?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Move furnishings. <input type="checkbox"/> Replace booth with open station. <input type="checkbox"/> Note:
39. Is the highest operable part of the phone no higher than 48 inches (up to 54 inches if a side approach is possible)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Lower telephone. <input type="checkbox"/> Note:

40. Does the phone protrude no more than 4 inches into the circulation space?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Place a cane-detectable barrier on each side at floor level. <input type="checkbox"/> Note:
41. Does the phone have push-button controls?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Contact phone company to install push-buttons. <input type="checkbox"/> Note:
42. Is the phone hearing-aid compatible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Contact phone company to replace with hearing-aid compatible phone. <input type="checkbox"/> Note:
43. Is the phone adapted with volume control?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Contact the phone company to add volume control. <input type="checkbox"/> Note:
44. Is the phone with volume control identified with appropriate signage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Add signage. <input type="checkbox"/> Note:
45. If there are four or more public phones in the building, is one of the phones equipped with a text telephone (TT or TDD)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install a text telephone. <input type="checkbox"/> Have a portable text telephone available. <input type="checkbox"/> Provide a shelf and outlet next to phone. <input type="checkbox"/> Note:
46. Is the location of the text telephone identified by accessible signage bearing the International TDD Symbol?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Add signage. <input type="checkbox"/> Note:
Directional and Informational Signage	n/a	Yes	No	Directional and Informational Signage
47. If mounted about 80 inches, do they have letters at least 3 inches high, with high contrast, and non-glare finish?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Review requirements and replace signs as needed, meeting the requirements for character size, contrast, and finish. <input type="checkbox"/> Note:
48. Do directional and informational signs comply with legibility requirements? 49. (Building directories or temporary signs need not comply.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Review requirements and replace signs as needed, meeting the requirements for character size, contrast, and finish. <input type="checkbox"/> Note:
Seats, Tables and Counters	n/a	Yes	No	Seats, Tables and Counters
50. Are the spaces for wheelchair seating distributed throughout? (Cover or uncovered gathering areas, bleachers)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Rearrange tables to allow room for wheelchairs in seating areas throughout the area. <input type="checkbox"/> Remove some fixed seating. <input checked="" type="checkbox"/> Note: Picnic shelter only access
51. If picnic tables are provided, are at least 50% and no less than two of the tables, accessible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Replace as needed <input checked="" type="checkbox"/> Note: 6 of 31 are accessible. Add routes to other picnics. See site plan.
52. Are knee spaces at accessible picnic tables at least 27 inches high, 30 inches wide, and 19 inches deep?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Replace or raise tables. <input type="checkbox"/> Note:
53. Are picnic tables spaced such that all areas of the table are accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Rearrange tables to allow room for wheelchairs in seating areas throughout the area. <input type="checkbox"/> Remove some fixed seating. <input checked="" type="checkbox"/> Note: accessible tables are accessible on all sides
54. At each type of cashier counter, is there a portion of the main counter that is no more than 36 inches high?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Provide a lower auxiliary counter or folding shelf. <input type="checkbox"/> Arrange the counter and surrounding furnishings to create a space to hand items back and forth.

				<input checked="" type="checkbox"/> Note: 43"
55. Is there a portion of food-ordering counters that is no more than 36 inches high, or is there space at the side for passing items to customers who have difficulty reaching over a high counter?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Lower section of counter. <input type="checkbox"/> Arrange the counter and surrounding furnishings to create a space to pass items. <input checked="" type="checkbox"/> Note: see above
Fire Rings	n/a	Yes	No	Fire Rings
56. Do all fire rings have a clear space extending a minimum 48" deep by 48" wide at all usable portions of the ring?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install clear spaces as needed <input type="checkbox"/> Note:
57. Are the clear spaces around the fire pit on a firm and stable surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Correct as needed <input type="checkbox"/> Note:
58. Is the fire surface height a minimum of 9" above the ground/floor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Construct or renovate pits to meet clearances <input type="checkbox"/> Note:
59. Are the slopes around fire pits not more than 1:50?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Construct or renovate pits to meet clearances <input type="checkbox"/> Note:
Cooking Surfaces, Grills, Pedestal Grills²	n/a	Yes	No	Cooking Surfaces, Grills, Pedestal Grills
60. Are accessible cooking features dispersed throughout the area and among the types provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Evenly disperse cooking features <input checked="" type="checkbox"/> Note: not accessible
61. Are accessible cooking feature surfaces installed between 15 inches and 34 inches above the ground/floor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install as required <input type="checkbox"/> Note:
62. Do operating controls and mechanisms comply with current ADAAG 4.27.1 (General) 4.27.2 (Clear Floor Space and 4.27.3 (Height)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install as required <input type="checkbox"/> Note:
Fixed Trash/Recycling Containers	n/a	Yes	No	Fixed Trash/Recycling Containers
63. Are trash and recycling containers accessible and do they comply with ADAAG 4.27?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Replace as needed <input type="checkbox"/> Note:
Overlooks/Viewing Areas	n/a	Yes	No	Overlooks/Viewing Areas
64. Are all viewing areas on an accessible route?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install accessible paths as needed <input type="checkbox"/> Note:
65. Are all viewing areas constructed to provide an unobstructed view?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
66. Is there at least one maneuvering space that complies with ADAAG 4.2.3?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
67. Is the ground surface firm and stable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
68. Is the maneuvering space less than or equal to 1:50? (1:33 maximum allowed for drainage)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
Telescopes/Periscopes	n/a	Yes	No	Telescopes/Periscopes
69. Are at least 20%, but not less than one,	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed

² Where there is only one cooking surface, grill or pedestal grill in a provided picnic area, it shall be accessible. Where multiple cooking features are provided in a picnic area, 50 percent, but no less than 2 shall be accessible.

telescope or periscope that complies with ADAAG 4.27?				<input type="checkbox"/> Note:
70. Are the eye pieces usable from a seated position?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
71. Is the ground surface firm and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
72. Is the maneuvering space less than or equal to 1:50? (1:33 maximum allowed for drainage)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
Benches	n/a	Yes	No	Benches
73. Where multiple benches are provided, are at least 50% consistent with this section?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Repair as needed <input checked="" type="checkbox"/> Note: 2 of 2 no armrests
74. Are accessible benches dispersed evenly throughout the park?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Disperse benches evenly throughout the park <input type="checkbox"/> Note:
75. Of the accessible benches that are provided, do at least 50% of those benches have armrests consistent with ADAAG 4.26.3?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
76. Are the front edges of accessible benches between 17 and 19 inches maximum above the ground/floor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
77. Are floor spaces adjacent to benches consistent with ADAAG 4.2.4?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
78. Is the ground/floor surface around the accessible benches firm and stable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
79. Do all accessible benches have back support the full length of the bench?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
Playground Equipment Accessibility	n/a	Yes	No	Playground Equipment Accessibility
80. Is there at least one of each play component on an accessible route ³ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Expand existing accessible routes as needed <input type="checkbox"/> Construct accessible routes <input type="checkbox"/> Note:
81. Is there at least one of each ground-level play component on an accessible route?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Expand existing accessible routes as needed <input type="checkbox"/> Construct accessible routes <input type="checkbox"/> Note:
82. Are the play components integrated for use by all children; including those with disabilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Ensure play components on accessible routes can be used by all children <input type="checkbox"/> Note:
Trails	n/a	Yes	No	Trails
83. Is the clear width of the trail 36 inches?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:
84. Are openings in the trail less than ½ inch? <i>Note: (Board slat spaces, etc. – Elongated openings should be placed so that the long dimension is perpendicular or diagonal to the dominate direction of</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:

³ Different types of play components are based on the general experience provided by the play component. Different types include, but are no limited to, rocking, swinging, climbing, spinning and sliding. Components may be elevated or at or below ground level.

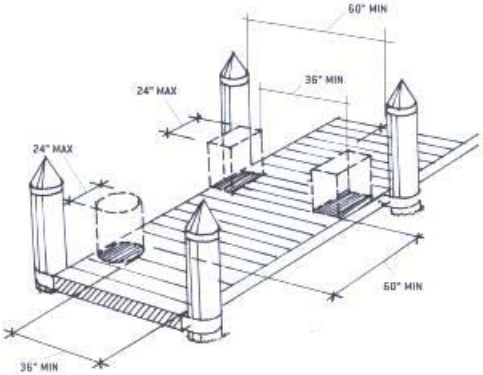
<i>travel.)</i>				
85. Is the trail free of constructed or natural barriers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Remove as needed <input type="checkbox"/> Note:
86. Are all overhead hazards maintained at a height that is sufficient for all expected users of the trail? (Remember, Objects that protrude into a pathway at a height greater than 27" are difficult for the blind or persons with visual disabilities who use canes to detect.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:
87. Is there a segment in the trail that has a 10% grade for more than 30 feet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Construct level rest interval ⁴ <input type="checkbox"/> Note:
88. Are all cross slopes a maximum of 3%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:
89. Are all tread obstacles a maximum of 1"?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:
90. Are passing spaces (6" x 60") provided at maximum intervals of 200 ft. whenever the clear tread width is less than 60"?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:
91. Does the trail have or require edge protection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required – Where provided, edge protection should be a minimum of 3". <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:
92. Does the trail have signs that clearly indicate the type of use, rules and difficult conditions for the trail?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:
93. Are there signs that warn users that changes in trail level or tread obstacles could not be removed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as required <input type="checkbox"/> Construct all new trails to code <input type="checkbox"/> Note:
94. Are there detectable warnings anywhere a route crosses a traffic way?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Repair as needed <input type="checkbox"/> Note:
Shooting Facilities	n/a	Yes	No	Shooting Facilities
95. Does the English Pit range have 60-inch diameter space with slopes not steeper than 1:48 so a wheelchair can turn around?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as needed <input type="checkbox"/> Install accessible seating area <input type="checkbox"/> Note
96. Do the firing benches have a wheelchair accessible area with a bench between 27 and 34 inches with a minimum of 19" leg space?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as needed <input type="checkbox"/> Install accessible seating area <input type="checkbox"/> Note
97. If fixed firing positions are provided, at least 5% but not less than one of each type of firing position, must be served by an accessible route. Does English Pit have an accessible route?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Renovate as needed <input type="checkbox"/> Install accessible route <input type="checkbox"/> Note
98. Does the park have accessible routes to all target impact areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Expand existing accessible routes as needed <input type="checkbox"/> Construct accessible routes

⁴ Resting intervals must be 60" minimum on length and at least as wide as the widest portion of the trail segment leading to the resting interval with a cross slope that does not exceed 3%.

				<input type="checkbox"/> Note:	
Aquatic Recreation Facilities		n/a	Yes	No	Aquatic Recreation Facilities
99.	Is there an accessible route (36" wide) over beach areas that allow access to the water's edge?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Renovate as needed <input checked="" type="checkbox"/> Install accessible route <input checked="" type="checkbox"/> Note The non-beach edge needs an access route.
100.	Are there accessible routes with handrails that lead into designated swim areas such as ponds, lakes, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Renovate as needed <input type="checkbox"/> Install accessible route <input type="checkbox"/> Note
Fishing piers and Platforms		n/a	Yes	No	Fishing piers and Platforms
101.	Does this park have a facility specifically designed and constructed for fishing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(Structures that were not built specifically for fishing do not need to meet ADAAG guidelines. Structures designed as fishing piers or platforms, must have an accessible route.)
102.	Does the park have a gangway serving the fishing pier or platform?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Install a gangway platform – Gangway 1:12 maximum slope or at least 30 feet long. <input type="checkbox"/> Renovate existing platform to meet code (Check specific building codes) <input type="checkbox"/> Note
103.	Does the gangway have a transition plate to the pier or platform that meets code?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install a transition plate ⁵ <input type="checkbox"/> Adjust existing transition plate to meet code <input type="checkbox"/> Note
104.	Does the gangway have handrails?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install handrail to meet code <input type="checkbox"/> Ensure existing rails meet code <input type="checkbox"/> Note
105.	Does the fishing pier or platform have railings, guards or handrails ⁶ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install as needed <input type="checkbox"/> Renovate existing structure to meet code <input type="checkbox"/> Note
106.	Does the fishing pier or platform have edge protection ⁱ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install <input type="checkbox"/> Renovate existing edge protection <input type="checkbox"/> Note
107.	Does the fishing pier or platform have clear floor or ground space ⁱⁱ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install <input type="checkbox"/> Renovate existing edge protection <input type="checkbox"/> Note
108.	Does the fishing pier or platform have sufficient turning space ⁱⁱⁱ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install <input type="checkbox"/> Renovate existing edge protection <input type="checkbox"/> Note
Boating Facilities		n/a	Yes	No	Boating Facilities
109.	Is there an accessible route to the boating facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install <input type="checkbox"/> Renovate existing route <input type="checkbox"/> Note
110.	Does the gangway to the dock or floating dock deigned to provide for a maximum 1:12 (8.33%) slope ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install <input type="checkbox"/> Renovate existing route <input type="checkbox"/> Note

⁵ Gangways are not required to have to have landings at the end, if transition plates are provided. If the slope of the transition plate is greater than 1: 20 (5%), the transition plates must have a landing at the end of the transition plate not connected to the gangway and must comply with other ramp requirements.

⁶ Where railings, guards or handrails are provided on a fishing pier or platform, at least 25 % of the rails must be 34 inches or less in height above the ground or dock so accommodate a person in a wheelchair. These railings must be dispersed as equally as possible to all areas of the fishing pier.

<p><i>Note: Not required to be longer than 80 feet. (Elevators may be used in lieu of gangways) In smaller facilities with less than 25 boat slips, the slope of the gangway may exceed 1:12, if the gangway is at least 30 feet long.</i></p>															
<p>111. Does the gangway have a transition plate to the pier or platform that meets code^{iv}?</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install a transition plate <input type="checkbox"/> Adjust existing transition plate to meet code <input type="checkbox"/> Note												
<p>112. Where boat slips⁷ are provided, does the number of accessible slips⁸ comply with the table to the right? <i>Note: If boat slips at a facility are not identified or demarcated by length, each 40 feet of boat slip edge along the perimeter of a pier will be counted as one boat slip</i></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<table border="1"> <thead> <tr> <th colspan="2">Number of Accessible Boat Slips Required</th> </tr> <tr> <th>Total Slips in Facility</th> <th>Minimum Accessible Slips</th> </tr> </thead> <tbody> <tr> <td>1-25</td> <td>1</td> </tr> <tr> <td>26-50</td> <td>2</td> </tr> <tr> <td>50-100</td> <td>3</td> </tr> <tr> <td>101-150</td> <td>4</td> </tr> </tbody> </table>  <p style="text-align: center;">PIER CLEARANCE SPACE REDUCTION</p>	Number of Accessible Boat Slips Required		Total Slips in Facility	Minimum Accessible Slips	1-25	1	26-50	2	50-100	3	101-150	4
Number of Accessible Boat Slips Required															
Total Slips in Facility	Minimum Accessible Slips														
1-25	1														
26-50	2														
50-100	3														
101-150	4														
<p><i>If the facility only has a boarding pier (see footnote # 9) at least 5% but not less than, must comply with these guidelines. The entire length of accessible boarding piers must comply with the same provisions that apply to slips.</i></p> <p>113. Does this facility meet this regulation?</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Install <input type="checkbox"/> Renovate boarding pier <input type="checkbox"/> Note												

⁷ A boat slip is the portion of a pier, main pier, finger pier, or float where a boat is berthed or moored, or used for embarking or disembarking. Boarding piers that are not part of a boat launch ramp are classified as “boat slips” for the purpose of this survey.

⁸ Accessible boat slips must have clear pier space at least 60 inches wide and as long as the slip. Every 10 feet of linear pier edge serving the accessible slips must have at least one continuous clear opening that is at least 60 inches wide. The width of the clear pier space may be 36 inches wide for a length of 24 inches, as long as multiple 36-inch segments are separated by segments that are 60 inches minimum clear in width and 60 inches minimum clear in length, and the clear openings are at least 60 inches deep. Edge protection is not required

overlap an accessible route or adjoin another wheelchair clear floor space. If a clear floor space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearances shall be provided as shown in [Fig. 4\(d\) and \(e\)](#).

4.2.4.3 Surfaces for Wheelchair Spaces. Clear floor or ground spaces for wheelchairs shall comply with [4.5](#). [Appendix Note](#)

4.16.3* Height. The height of water closets shall be 17 in to 19 in (430 mm to 485 mm), measured to the top of the toilet seat (see [Fig. 29\(b\)](#)). Seats shall not be sprung to return to a lifted position. [Appendix Note](#)

4.16.4* Grab Bars. Grab bars for water closets not located in stalls shall comply with [4.26](#) and [Fig. 29](#). The grab bar behind the water closet shall be 36 in (915 mm) minimum. [Appendix Note](#)

4.26.3 Structural Strength. The structural strength of grab bars, tub and shower seats, fasteners, and mounting devices shall meet the following specification:

(1) Bending stress in a grab bar or seat induced by the maximum bending moment from the application of 250 lbf (1112N) shall be less than the allowable stress for the material of the grab bar or seat.

(2) Shear stress induced in a grab bar or seat by the application of 250 lbf (1112N) 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.

(3) Shear force induced in a fastener or mounting device from the application of 250 lbf (1112N) 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.

(4) Tensile force induced in a fastener by a direct tension force of 250 lbf (1112N) 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.

(5) Grab bars shall not rotate within their fittings.

4.27 Controls and Operating Mechanisms.

4.27.1 General. Controls and operating mechanisms required to be accessible by [4.1](#) shall comply with [4.27](#).

4.27.2 Clear Floor Space. Clear floor space complying with [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.

4.27.3* Height. 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 4.2.5 and 4.2.6. Electrical and communications system receptacles on walls shall be mounted no less than 15 in (380 mm) above the floor. Appendix Note

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.

4.27.4 Operation. 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).

ⁱ Where railings, guards or handrails are provided, edge protection must be provided and extended a minimum of 2 inches above the ground or deck surface. Edge protection is not required where a railing, guardrail or handrail is provided, if the deck surface extends a minimum of 12 inches beyond the inside face of the railing.

ⁱⁱ At least one clear floor or ground space (30 inches by 48 inches) must be provided at each location that has a railing height of 34 inches maximum. If there is no railing, at least one clear space must be provided on a pier or platform.

ⁱⁱⁱ Fishing piers and platforms must have at least one turning area, either 60-inch turning space or a T-shaped space to allow a person using a mobility device or wheelchair to make a 180-degree turn.

^{iv} Gangways are not required to have to have landings at the end, if transition plates are provided. If the slope of the transition plate is greater than 1: 20 (5%), the transition plates must have a landing at the end of the transition plate not connected to the gangway and must comply with other ramp requirements.