

## APPENDIX B

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### REQUIREMENTS TO ASSURE ACCESS FOR INDIVIDUALS WITH DISABILITIES

The University views each construction project as an opportunity to maximize the accessibility and usability of its built environment. Providing and improving access to the built environment should be an integral part of the design and development process. The following Access Requirements are based on the "Americans with Disabilities Act Accessibility Guidelines" (ADAAG), developed by the U.S. Architectural & Transportation Barriers Compliance Board:

All numerical references below are to Article and Paragraph numbers in the ADAAG manual as published in the Code of Federal Regulations (28 CFR Part 36) July 1, 1994. The ADAAG manual shall be considered part of these standards as if reprinted in full herein. The following revisions and/or additions to ADAAG shall also be part of the University Standards:

<u>2.1, 4.1.1(5)(a) &amp; 4.1.6(j)</u>	Proposed departures from the ADAAG guidelines or University Standards addressing access for individuals with disabilities based on equivalent facilitation (alternative methods of providing equal or greater access), structural impracticability or technical infeasibility shall be submitted in writing and <u>must</u> receive approval of both <u>the University Architect's Office</u> and the ADA Coordinator.
4.1.1(3)	<u>Areas Used Only by Employees as Work Areas.</u> <u>A minimum of five percent (5%) of individual work areas (excluding Elevator pits, elevator penthouses, mechanical rooms, piping or equipment catwalks) should be designed to allow wheel chair maneuvering clearances and reach ranges when furnished and equipped)</u>
4.1.3(14) & 4.28	Provision of both audible and visible alarms shall be required at all locations where either type is required.
4.1.3(19)	Provide accessible seating as required by the table at 14.1.3(19)(a). <u>Accessible</u> seating shall be located at both the front and rear of the room <u>in all new construction and wherever feasible in renovations.</u>
4.3.8 & 4.5.2	At changes in floor elevation, especially subtle changes, provide a readily visible change in color and/or pattern to alert visually impaired (but not blind) individuals to the potential "tripper".
4.7.1	Provide ramps at all crosswalks leading to (or from) an accessible area or route. Locate said ramps so as to provide the most direct route possible.
Figure 12 & 4.7.5	Delete Figure 12(b). Straight-sided ramps are not permitted without prior approval of the <u>University Architect's Office</u> . Delete last sentence of paragraph 4.7.5.
4.7.12	Add new paragraph: Construction of ramp shall conform to construction requirements for sidewalks in regard to concrete thickness, base thickness, base compaction, etc.

- Figure 15 Avoid the use of Figures 15(c) and (d) as they tend to put the wheelchair user into lanes of moving traffic. Use Figure 15(a) and (b) wherever possible. Note that all curb ramps at streets must occur at marked crosswalks and each ramp must have corresponding ramp at the other side of the street.
- 4.10.3 & Figure 20 Hall call buttons shall be centered at 36" above finish floor. Call buttons shall not be located on the elevator doorjamb and must be located for easy access by wheelchair-bound users.
- 4.11 Platform lifts are not permitted in new construction unless approval is granted by the University Architect's Office and the ADA Coordinator. The basis for approval shall be extenuating circumstances, not including aesthetics.
- 4.13.5 Note that nominal 32" doors do not comply. It is recommended that 36" doors be used.
- 4.13.9 Doorknobs shall not be used without prior approval of the University Architect's Office. Provide lever handles. If an exception is provided the Project Manager shall notify the ADA Coordinator.
- 4.13.12 Add 4.13.12(1) to read as follows:  
  
"Provide power assisted door operators on all cross-corridor doors occurring in main corridors. If in compliance with applicable code, magnetic door "hold-opens" may be used in lieu of power assisted operators".
- Figure 27 Avoid the use of Figure 27(d).
- Figure 28 Void all illustrations.
- 4.17.3 & Figure 30 All wheelchair accessible toilet stalls shall be 60" x 60". Therefore void Figure 30(b) and amend the dimensions on Figure 30(a) to provide a 60" x 60" stall. Note that prior approval by the University Architect's Office and the ADA Coordinator must be obtained to use other stall configurations [such as Figure 30(b)] on remodeling projects only and only where absolutely required by existing conditions.
- 4.17.5 Add the following note: All accessible stalls shall have slide latch door hardware.

- 4.20.6 & 4.21.6 Wheelchair accessible tubs and showers shall be equipped with a standard wall-mounted nozzle and a hand-held shower sprayer with a 60" hose. Mount hand-held sprayer at 42" above the bottom of the tub or shower basin. Provide controls that will permit use of either the wall-mounted and hand-held shower sprayers individually or both sprayers at the same time.
- 4.22.2 Add the following: "All Toilet Rooms, except "private" rooms containing a single water closet, shall be equipped with Push-Pull door hardware. Latches are neither needed nor desired on the doors of multiple fixture Toilet Rooms".
- 4.22.2(1) Add the following paragraph: "Avoid the use of vestibules with inner and outer doors as access to Toilet Rooms with wheelchair accessible features. Use vision screens, turns that comply with Figure 7(a) and 7(b) or other method approved by the University Architect's Office and the ADA Coordinator.
- 4.26.3 Add paragraph 4.26.3(6) as follows: "Grab bar fastening system shall be of a concealed type".
- 4.33.5 Access to Performing Areas. This section should be read to include access to raised lecture podiums.

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END OF APPENDIX B