

APPENDIX B – REQUIREMENTS FOR ACCESS

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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 "2010 ADA Standards for Accessible Design", developed by the U.S. Architectural & Transportation Barriers Compliance Board, - *Ohio Building Code 2024 - Chapter 11, and ICC A117.1 - 2009 for alterations and change of occupancy in existing buildings and ICC A117.1-2017 for new construction and additions Standard for Accessible and Usable Buildings and Facilities:*

All numerical references below are to Article and Paragraph numbers in the 2010 ADA Standards as published in the Code of Federal Regulations (28 CFR Part 35.151 and the 2004 ADDAG at 36 CFR part 1191 appendices B and D) September 15, 2010. The 2010 ADA Standards 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:

101.1, 201.1, 202.1 & 202.5	Proposed departures from the ADA 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 must receive approval of both the University Architect and the ADA Coordinator.
2.06.2.6	Performance Areas. This section should be read to include access to raised lecture podiums.
203.9, 206.2.8 & 215.3	Areas Used Only by Employees as Work Areas. 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 wheelchair maneuvering clearances and reach ranges when furnished and equipped)
215 & 702	Provision of both audible and visible alarms shall be required at all locations where either type is required. EXCEPTION: Fire alarm systems in medical care facilities shall be permitted to be provided in accordance with industry practice. Visible notification appliances are not permitted to be installed in exit enclosures or elevators (e.g., exit stairs).
221	Provide accessible seating as required by the table at 221.2.1.1 Accessible seating shall be located at both the front and rear of the room in all new construction and wherever feasible in renovations.
403.4 & 404.2.4.4	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".
404.2.3	Note that nominal 32" doors do not comply. It is recommended that 36" doors be used.
404.2.7	Doorknobs shall not be used without prior approval of the University Architect. Provide lever handles. If an exception is provided the Project Manager shall notify the ADA Coordinator.
404.3	Add 404.3(1) to read as follows:

APPENDIX B – REQUIREMENTS FOR ACCESS

"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".

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| 406.1 | 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. |
| 406.3 &
Figure 406.3 | Straight-sided ramps are not permitted without prior approval of the University Architect. |
| 406 | Construction of ramp shall conform to construction requirements for sidewalks in regard to concrete thickness, base thickness, base compaction, etc. |
| 407.2.1
& 309.4 | 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. |
| 410 | Platform lifts are not permitted in new construction unless approval is granted by the University Architect and the ADA Coordinator. The basis for approval shall be extenuating circumstances, not including aesthetics. |
| 602 | Drinking fountains shall comply with 307 & 602. |
| 604 | Water closets & Stalls shall comply with 604.3. |
| 604.8.1.1 &
Figure 604.8.1.1 | All wheelchair accessible toilet stalls shall be 60" x 60". Therefore, void Figure 604.8.1.1(b) and amend the dimensions on Figure 604.8.1.1(a) to provide a 60" x 60" stall. Note that prior approval by the University Architect and the ADA Coordinator must be obtained to use other stall configurations [such as Figure 604.8.1.1(a)] on remodeling projects only and only where absolutely required by existing conditions. |
| 604.8.1.2 | Add the following note: All accessible stalls shall have slide latch door hardware. |
| 607.6 &
608.6 | Wheelchair accessible tubs and showers shall be equipped with a standard wall-mounted nozzle and a hand-held shower sprayer with a 59" hose minimum. 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. |
| 603.2.3 | 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". |
| 603.2.3(1) | Add the following paragraph: "Avoid the use of vestibules with inner and outer doors as access to Toilet Rooms." |

APPENDIX B – REQUIREMENTS FOR ACCESS

- 609.8 Structural Strength. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure. Anchors and fasteners: Toggle bolts, hollow wall anchors or other approved types to suit construction on which grab bars are mounted. Wood, lead and plastic plugs are prohibited.
Add paragraph 609.9 as follows: "Grab bar fastening system shall be of a concealed type".
- ORC Chapter 9, Sec.
9.54 & 9.57 Whoever erects or replaces a sign containing the international symbol of access shall use forms of the word "accessible" rather than forms of the word "handicapped" or the word "disabled" whenever words are included on the sign.

END OF APPENDIX B