ASU Accessibility Standards – Revised May 30, 2013

Accessible Routes (including construction and landscape)
• Construction Site
  • Fencing shall enclose all construction areas. Warning tape is not acceptable as the blind and visually impaired are unable to see the tape.
  • Ramps to sidewalks or buildings shall not be blocked by vehicles or equipment.
• Sidewalks shall support aggregate borders on both sides of the walk. These borders are used by the blind and visually impaired to give direction to the malls and buildings. See spec’s in section 03 35 23 of this manual.
• Decomposed granite shall not be used on main pathways. Wheelchairs users find this difficult to travel on and it’s expensive to maintain.
• Emergency Blue Light
  • Maximum 48” height to operable parts of the emergency blue light. This measurement is taken from where a wheelchair user would sit to use the Blue Light. For instance, if blue light sits on a raised curb in a parking lot, the measurement is taken from the parking lot surface and not the base of the blue light.
  • Blue light to sit next to sidewalk. If sits back, then concrete pad a minimum of 48” wide will have to be poured so a wheelchair user has access to the blue light without going off the concrete.

Stair/Steps
• Provide visual contrast on tread nosing, or at the leading edges of treads without nosing, so that the stair treads are visible for people with low vision and to prevent slipping. ASU requirement.

Elevators
• Always more than one per building. ASU requirement.

Automatic Door Openers – ASU requirements
• Automatic Door Openers are required on accessible exterior entry doors, restrooms, unisex restrooms, accessible dorm rooms and classrooms/labs with exterior entrances.
• A 4 ½” square push pad or 6 ¼” round brushed stainless steel push pad is acceptable.
• Height of door opener pads is 32” ± 1” on center.
• Location of opener pads determined by ASU – not the architect. Push pad will be located 24” from latch side of door if space permits or a 4” steel post on exterior doors.
• Push pads for exterior doors can be battery operated.
• Push pads for restrooms must be hard-wired.
• Electric Strikes where needed.
• Mag-locks are required on Unisex restrooms if sequence below cannot be meant

Accessible Water Closets
• Toilet seat 18” - 19” height. ASU preference.
• ASU does not use toilet seat cover dispensers or recessed toilet paper dispensers.
• Automatic toilet flush (example of a manufacturer would be AutoFlush by Technical Concepts - stock #401187) – ASU preference.

Accessible Toilet Stalls
• Sliding latch on accessible stalls shall slide easily using only a fist – ASU requirement.
• Pull handles shall be installed on BOTH sides of accessible stall doors at 36” o.c. height, near the latch.

Grab Bars
• Size 1 ½” diameter at 36” a.f.f. to top of grab bar – ASU preference. The 36” height is so the outlet of the continuous roll toilet paper dispenser isn’t so close to the floor. We prefer the top of the toilet paper dispenser to be 1 ½” – 2” under the grab bars. ASU preference.
Accessible Urinals
- Automatic urinal flush (example of a manufacturer would be AutoFlush by Technical Concepts – stock #401186) – ASU requirement.

Accessible Lavatories
- Automatic faucet (Example of a manufacturer would be SmartSensor/ThermoSensor) at lavatory in Unisex restroom and at one (1) accessible sink in each public restroom – ASU requirement.

Rest Rooms and Shower Rooms
- Shower Rooms
  - Shower stalls are not allowed in Unisex restrooms – ASU requirement because of liability.
- Toilet Rooms
  - Automatic Door Openers are required on all public and unisex restrooms. ASU Requirement
  - Serpentine entrances at public restrooms preferred if possible. Eliminates all barriers.
- Unisex Restrooms
  - For new construction, unisex restrooms are required on each floor.
  - For alterations, where it’s infeasible to modify existing restrooms to meet ADA requirements, a Unisex restroom may be provided.
  - Automatic locking devices with Mag-locks are required in all Unisex restrooms if sequence below can’t be meant.
    - A duress switch must be on the device in case of an emergency
    - Timers of Automatic locking devices set to 30 minutes.
    - Sequence of operation – ASU requirement. No exceptions.
      - To Enter:
        - If exterior light is off the restroom is vacant. Exterior push pad will open the door.
        - When door completely closes, monitor switch is active. Press “Press to lock/unlock” switch to lock door. Lock cannot be activated until door is in the closed position.
        - Occupancy indicator light on corridor side of door is lit when locking device is activated.
        - “push to open” push pads are inactive
      - To Exit:
        - Press “Push to lock/unlock push pad”
        - Door will unlock. With Mag-lock, door cannot be opened without pressing “Push to lock/unlock” pad. This prevents someone from walking out of restroom without unlocking the door, leaving it unusable for someone else.
        - Corridor indicator light goes out
        - Press “push to open” push pad to open the door

Assembly Facilities (Classrooms, lecture halls and teaching labs)
- Automatic door openers are required on doors that have exterior entrances.
- Install wheelchair accessible signs on entrances to large classrooms to indicate which areas wheelchairs can enter safely. This is especially important in tiered classrooms.
- Classrooms (large and small) to have accessible adjustable teaching stations – ASU requirement.
  - Adjustable tables for students required in each classroom and lecture hall – ASU requirement.
  - Allow space and lighting for Interpreters in the front of the room with the lecturer.
- Teaching labs shall have at least 1 adjustable lab table – ASU requirement.

Residential Accessible Dorm Rooms
- Locate rooms on the first floor if possible but disperse them through-out the floor so resident will have a choice of location. If the building has an elevator, then accessible rooms shall be on all floors.
- Window sills shall be no higher than 42” so one in a wheelchair can look out – ASU requirement.
- Peep hole on door at accessible height (48”) and standing height (60”) – ASU requirement.
- Door Opener with electric strike. There shall be an automatic door opener (blue pad) inside all accessible dorm rooms and a Remote Automatic door opener on the corridor side of the room. An
example of a manufacturer would be Horton model number 7000 or similar. This device is activated with a remote control that the student attaches to her/his wheelchair or has in her/his possession. The 'clicker' has to be dual frequency – ASU requirement.

- Window covering controls to be extra long so they are accessible.
- Extra outlets are required for equipment.

**Residential Accessible Bathrooms within Dorm Room**
- Private bathrooms to have fully tiled walls and floor.

**Shower Stalls in Accessible Dorm rooms**
- Roll in shower stall to be a minimum of 60" x 30" clear.
- Shower curtains are required. Doors are prohibited.

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**Designated Access Zone – It’s a Civil Rights Law!**

**Location Requirement**

Room sign locations are on the lever side of the door, 62" inches from the top of the sign to the finished floor. If a sidelight is on the lever side of the door, then the signage SHALL be installed on the sidelight. The glazing of the sidelight shall be a minimum of 18” wide to accommodate the signage.

**Tactile/Braille Destination Signs**

Consistent sign placement throughout the campus is critical. Wall mounted door signs must be installed so that a person can approach to within three inches of the sign without encountering any protruding objects or standing within the swing of any door. We are required to have the federally mandated tactile/Braille room number sign at each permanent destination.