

Restroom Requirements

10.21.00

Description:

The purpose of the section is to highlight the current applicable UMD Design Standards for both public and private restrooms and, equipment standards utilized by the maintenance and residential housing departments.

Related Sections:

- 08 27 13 Door Hardware

Effective Date:

January 1, 2020

Applicable Standards:

- TBD

General Requirements:

- Restroom facilities must be designed for ease of maintenance.
- Graffiti resistant finishes shall be specified where possible.
- Specify all stainless steel or chrome plated brass fittings for long-lasting quality.
- Each restroom shall have individual exhausts to prevent sound transmission.
- Ceramic tile shall be installed at floors and walls to a minimum height 4'-0" above finished floor. Provide continuous wood blocking behind an accessory when the restroom accessory partially overlaps the ceramic tile.

Standard Requirements:

- **All Gender Restroom (as required)**
 - An ADA accessible single restroom shall be provided in all new construction or major renovation building projects.
 - Locate (at least) one restroom on the main entrance level of the building if more than one all gender restroom is required by program or code. Every attempt should be made to co-locate this restroom with other multiple-fixture restrooms.
 - Fixtures: Provide a minimum one (1) water closet and, one (1) lavatory within each room.
 - Accessories: University standard restroom accessories and one (1) infant changing station.
 - Signage: Contact UMD PM during design for current direction related to the all gender room identification package.
 - Door Hardware: Provide an ADA power-assisted interior door hardware package at the entrance door to this restroom.
- **Wellness Room**
 - An accessible room (approximately 100 square feet) shall be provided in all designated buildings reserved for privacy and/or lactation activities.
 - The room is to be located in a quiet section of the building away from high levels of noise/activity and along an ADA accessible route.
 - Finishes and lighting should be similar in design to other office spaces within the building. In addition, provide dimmable light switching and IT/phone communication connections.
 - Signage: Contact UMD PM for current direction related to the wellness room identification package.

- **Restroom Fixture Partitions**
 - Partitions shall be floor mounted overhead braced solid plastic, mounted to walls using continuous wall brackets and continuous hinges. The head rail shall be a heavy-duty anti-grip design to prevent vandalism.
 - Partition shall meet the interior finish requirements of NFPA 101. (Note: The required fire test is ASTM E-84, which is the same as ANSI 2.5, CAN/ULC S102M, NFPA 255, UBC 42-1, UL723; Flame Spread Max. 200 and Smoke Developed Max. 450) Partitions shall have Site Proof doors and a heat sink at bottom edges.
 - Acceptable manufacturers: Comtec Industries and Rockville Partitions Incorporated.
 - Final assemblies should have no excess gaps between panels.

- **Restroom Accessories**
 - All restroom equipment shall be included in the construction contract. The contract drawings shall locate the equipment and identify any wall support requirements associated with installation.
 - The following University standard restroom accessories shall be specified:
 - **Restroom Tissue Dispenser:** Bay West/ Wausau Paper Model Silhouette Revolution 3-Roll OptiCore Bath Tissue Dispenser #80300. Mount the unit between 7" min. and to 9" max. from the leading edge of the Water Closet to the center of the dispenser, a minimum of 19 inches and maximum of 48 inches above the floor to the dispenser opening. Mount dispenser in wheelchair accessible stalls so that the outlet is a minimum of six (6) inches to twelve inches maximum clear above the top of the grab bar.
 - **Sanitary Napkin Receptacle:** Rubbermaid Model No. 6140 or Rochester Midland #25125200. Wall mount in each restroom stall in Women's Restroom, and a minimum 15 inches above the floor in wheelchair accessible stalls.
 - **Paper Towel Dispenser:** Bay West/Wausau Paper #86500 OptiServ Hands-Free Roll Towel Dispenser. Mount so that the lever shall not exceed 48 inches from above the finished floor.
 - **Soap Dispenser:** Gojo Touch-Free TFX Dispenser #2730-12(Black). Mount so that the soap outlet shall not exceed 48 inches above the floor.
 - **Mirrors:** Stainless steel framed mirrors minimum size 18 inches x 36 inches, mounted over each lavatory. Facilities Management will consider continuous mirrors on a case-by-case basis.
 - **Electric Hand Dryer:** Provide minimum one (1) electric hand dryer in each restroom. Public restrooms should not receive hand dryers. If an exception is made (which must approved by program) the acceptable hand dryer unit should be Dyson Air Dryer Blade system.
 - **Infant Changing Station:** Provide one (1) horizontally mounted infant changing station that complies with ADA in each men's and women's restroom on the first (main building entrance level) floor of all new construction.
 - Acceptable manufacturers include:
 - Baby Changing station by Koala
 - Bear Kare and Diaper Deck by American Infant Care Products (AICP), or approved equal.
 - Color to be determined on a project-by-project basis.

- **Plumbing**
 - Wall mounted lavatories with drained indentation for soap are preferred. Facilities Management will consider countertop lavatories on a case-by-case basis. Acceptable manufacturers care: American Standard, Kohler or Crane.
 - Public restroom lavatories shall be 29 inches clear from floor to underside of lavatory apron to allow regular standard lavatories to provide accessibility. Wheelchair lavatories are not to be specified.
 - Water closets shall be floor mounted, with elongated bowl and Sloan Optima Plus Battery-powered, or equal, hard wired flush valves with manual override for water closets, urinals and lavatories. Contact Facilities Management for acceptable manufacturers.
 - Flush valve levers shall be located on accessible side in wheelchair stalls for easy reach.
 - Urinals shall be wall mounted 17 inches maximum height to the rim in each men's restroom. Provide one (1) minimum in each room and one (1) additional for every ten (10) or more urinals required by code.

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- Provide one (1) floor drain in each restroom. Floor drains shall be located under stall partitions away from foot traffic areas. Slope the floor to drains. Access to trap primers is required.
- **Electrical**
 - Provide a minimum of two (2) 120v receptacles on a separate 20 amp circuit spaced along wall above lavatories and adjacent to wall-mounted mirrors. Specify GFCI receptacles.
 - All requirements shall be designed in accordance with NEC. One (1) light fixture minimum shall be connected to emergency power.