2101 Commonwealth Blvd, Suite B
Ann Arbor, MI 48105-5759
www.med.umich.edu/facilities/plan/

# 102800-H: RESTROOM AND SINK ACCESSORIES, TOILET COMPARTMENTS

## RELATED SECTIONS

Policy Paper "Employee Work Area Accessibility"
Project Specific Responsibilities Matrix
8.2 MM Architectural Preferred Manufacturers' List
8.7 Behavioral Health Preferred Manufacturers' List
9.1 Standard Arch Details "Pull out waste/linen cabinets"
9.1 Standard Architectural Details "Alcohol Based Hand Rub Sanitizers Mounting Requirements"

## GENERAL:

In general, follow the guidelines below when specifying toilet accessories. These guidelines are not intended to restrict or replace professional judgment. All mounting locations shall be noted on the Construction Documents, and must comply with all applicable codes including the ICC A117.1-2009 and the 2010 ADA Standards for Accessible Design.

Refer to the Policy Paper "Employee Work Area Accessibility" where there is a conflict between employee ergonomics, infection prevention, clinical needs, and barrier free design.
http://www.med.umich.edu/facilities/plan/dg/policy.html Sept 16.

Allow sufficient height between sink and upper cabinets for installation of toilet accessories and medical equipment.
Refer to Project-Specific Responsibilities Matrix for further information. The Generic Responsibilities Matrix is on the MM FPD web-site. However, the matrix may be customized on a project-by-project basis. Typically, all toilet accessories are to be Contractor furnished and provided, with specific exceptions noted below.
Provide solid non-combustible wood blocking within walls at toilet accessory locations, including grab bars, soap dishes, towel bars, coat hooks, baby changing tables, and other accessories as required by function or weight.

## DESIGN REQUIREMENTS:

1. **Hand Towel Dispenser** provided by MM FPD Capital Equipment, Contractor installed. Locate so as not to be a protruding object per barrier free requirements.
2. **Waste Receptacle**: Typically waste receptacles are freestanding, provided and installed by MM FPD Capital Equipment and Interior Design. In some locations, such as exam, treatment rooms or nourishment areas, waste receptacles may have incorporated into the base cabinetry in a pull-out cabinet, or with an opening in the front of the cabinetry; In those locations, FPD would typically provide model: Rubbermaid #3541 Slim Jim with handles removed. Refer to 9.1 Standard Architectural Details "Pull out waste/linen cabinet"
3. **Feminine Napkin/Tampon Dispenser**: MM projects typically will not include a dispenser.
4. **Toilet seat cover dispensers**: MM projects typically will not include a dispenser.
5. **Liquid Soap Dispensers**: provided by Capital Equipment, Contractor installed. Coordinate soap dispensers at scrub sinks with the Design Manager.
6. **Toilet Tissue Dispensers:** Contractor provided and installed. Locate so as not to be a protruding object per barrier free requirements.
7. **Mirrors:** Provide back-mounted tempered mirrors with welded stainless steel channel frames.
8. **Shower and Bath Accessories:**
    a. Areas with showers and/or bathing facilities are to be provided with heavy-duty curtain tracks, and curtain hooks and vinyl liners. At psychiatric nursing units, the track shall be

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antiligature. The releasable hangers shall not be able to carry a combined weight of 100 pounds with all hangers. The shower curtain shall be breathable.
   i. Shower curtains shall be specified by MM Interior Design, and are Contractor Furnished and Installed.
b. Showers and tubs are to be provided with recessed soap dishes. Any shelves provided shall be smooth, anti-ligature, waterproof and have all smooth edges, such as a curved solid-surface corner shelf.
c. Where towel bars are required, provide standard stainless steel grab bars with a smooth surface. Do not install towel/grab bars on the door leaf.
d. Freestanding shower seats are preferred, and would be Owner Furnished and installed. Where approved, folding shower seats shall include phenolic seats and all stainless steel hardware, with legs extending to the floor, and will be capable of carrying 500 pounds at all locations.

9. **Toilet compartments**:
   a. Full architectural walls and standard architectural doors are preferred over toilet compartments. Architectural walls shall be covered with durable, waterproof and cleanable materials.
   b. For public restrooms, high quality stainless steel toilet partitions are preferred, with a finish that resists fingerprints and water stains.
   c. Toilet partitions should be braced to floor structure and wall structure, with an overhead rail.
   d. Latching hardware for all doors shall allow a user to close and secure the door with a single motion of one hand, without twisting or grasping.
   e. Design toilet compartment with a minimum of 12” clear between door swing and front edge of toilet seat. Minimum toilet stall width shall be 36”.
   f. If possible, locate an oversized barrier free stall closest to the door to the room to minimize travel distance.
   g. Mount toilet paper dispenser on hinge side of partition in standard stall. Surface mount feminine product disposal on hinge side of partition, closer to the wet wall and offset from the toilet paper dispenser.
   h. Provide all stainless steel hardware, pilaster shoes and fasteners at all locations.
   i. Toilet compartment hooks are to be contractor furnished and installed, and function as wall bumper stops. Provide two hooks at barrier free stalls: one at ADA height and one at a standard height.
   j. Provide pulls on both sides of outswinging doors.
   k. Provide a wall bumper at outswinging doors.
10. **Hooks:** Provide blocking within wall for coat-hooks, to be located and provided by UMHHC Interior Design unless otherwise directed. In multi-stall restrooms, provide hooks adjacent to urinals and sinks. In single occupancy toilet rooms, provide at least one hook at standard height in addition to the barrier free height hook. Take care to specify and locate hooks that they are not at eye level or otherwise pose a safety hazard.
11. **Hand Sanitizer Dispensers**:
   a. Wall mounted hand sanitizer dispensers are provided by UMHHC Capital Equipment and installed by the Contractor.
   b. Locations are to be indicated on the Construction Documents.
   c. Alcohol based hand rubs are flammable liquids and the amount mounted with a smoke or fire compartment is limited by Life Safety and Fire Codes. Verify quantity in smoke or fire compartment with MM Safety Management prior to installation.
   d. Locate sanitizers as far as possible, minimum of 1” horizontally from electrical receptacles, switches, or other electrical equipment. Refer to standard detail on UMHHC FPD Website.
   e. Hand sanitizers are not to be installed in restrooms, unless approved specifically by UMHHC Infection Control.
12. **Baby changing tables**: Folding baby changing tables are typically provided by MM Capital Equipment and installed by Contractor. Solid non-combustible wood blocking is required within the wall to allow the table to support up to 250 lbs..

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13. **Feminine Napkin Disposal Units**: Only to be provided at multi-stall women's restrooms. Do not provide single occupancy restrooms.. Specify surface mounted stainless steel units. Offset feminine napkin disposal so it is not directly below the toilet paper dispenser.
14. **Grab Bars**: Concealed mounting anchors are required.
15. **Shelves**: Shelves are required in toilet compartments in both male and female restrooms, and adjacent to urinals and sinks in all restrooms. They should be solid surface plastic material or stainless steel. Care should be taken that the shelf does not have sharp edges. Shelves should be fixed rather than folding to the greatest extent possible. If a folding shelf is provided within a toilet compartment, it should be through-bolted through the toilet partition or into solid wood blocking within the wall assembly. Resilient silencers must be installed to prevent "slamming" into the partition. Non-folding shelves shall be at least 8" x 12". Mount so as not to be a "protruding object" and not cane-detectable.
16. **Air dryers**: Electric air dryers are no longer to be specified.