

## **10000 - SPECIALTIES**

### **I. DESIGN**

- A. Counter top supports shall be designed so as to conform to requirements of the ADAAG. Counter tops shall be either cabinet supported or have front leg and side panel supports. Unsupported spans in excess of 3'6" are unacceptable. Larger spans shall be supported with structural members or vertical support. Counter tops shall have all undersides, edges and cut outs sealed with waterproof coating. Ensure that pipes, etc., do not interfere with recessed mountings.
- B. Fire extinguishers shall be hung or cabinet mounted with a maximum permissible mounting height to top of extinguisher of 48". The charging date tagged on all fire extinguishers shall be the date of substantial completion. Fire extinguishers must be provided at elevator machine rooms, fuel sites, and mechanical equipment rooms. Provide recessed fire extinguisher mounting as required to meet ADAAG access and projection requirements.
- C. Flagpoles shall be designed for ease of maintenance, and for simple rope and halyard replacement. Flagpoles shall be anodized aluminum or aluminum and have internal halyard. County facilities that will require 3 flagpoles are courts, fire stations, police stations, and government centers. All other County facilities are required to have one flag pole. Flagpole design must conform to U.S. Flag Standards. All flags shall be lighted and lighting shall comply with the zoning ordinance glare and lighting standards. Use of energy efficient lighting is encouraged.
- D. Toilet Rooms
  - 1. Toilet partitions must have both floor-to-ceiling and wall bracing. Urinal screen shall have floor to ceiling pilaster support. Toilet partitions, doors, pilasters and screens shall be constructed of solid Phenolic or similar homogeneous plastic material. Recycled content material is preferred. Overhead bracing is acceptable when partitions are floor mounted. Panels shall be a minimum of 1/2" thick. All partition finish, including decorative, shall be an integral part of the core material. Doors and Pilasters shall be a minimum of 3/4" thickness and all finish including decorative, shall be an integral part of the core material.
  - 2. Design must avoid line of sight from entry door to urinals and to mirror reflections.
  - 3. Wall backing at wet walls of all rest rooms shall be water-resistant plywood, water-resistant gypsum board such as Durock (or equal).
  - 4. All staff toilet rooms shall be provided with automatic hand dryers. Installation of hand dryers must meet ADAAG requirements for access and projection clearances.

5. All public toilet rooms shall be provided with automatic hand dryers. Installation of hand dryers must meet ADAAG requirements for access and projection clearances.
6. All public restrooms shall be provided with baby changing stations. Use of family restrooms shall be considered at lobby of very large, public facilities and as required by code. Installation of changing table must meet ADAAG requirements.
7. At public toilet rooms, specify automatic, infrared sensors for use in automatically activating water flow valves at lavatories. All other fixtures are to be manually operated. Low flow, ultra-low flow, or dual flush water saving fixtures are to be specified for use at all plumbing fixtures.
8. All sink counters to be solid surface material.

E. Janitor's Closet

1. Janitors' closets used for storage of any quantity of highly combustible material must have an automatic sprinkler system.
2. Provide one closet per 25,000 square feet gross floor area, at a minimum of one closet per floor (or increase size of closets proportionally). The size shown is a minimum size. Janitor's closet must be vented independently.
3. Standard janitor's closet requirements:
  - a. Walls to be water-resistant gypsum board, such as Durock, Hardy Board, or equal, covered with sanitary type vinyl to 48" Above Finish Floor (AFF). Walls to receive coating of Sanitile 550 or equal above the vinyl. Ceiling to receive enamel painted wall board.
  - b. Floor shall be slip resistant, sealed concrete.
  - c. Provide 24" mop rack with 3 mop holders.
  - d. Provide two double coat hooks.
  - e. A 110-volt outlet must be provided at all janitors' closets.
  - f. Provide 3'-0" x 6' 8" door (minimum size).
  - g. Provide five wall-mounted shelves, 12" deep x 48" long, 12" on center vertically. First shelf to be 18" AFF.
  - h. Provide heavy duty vinyl or stainless steel corner guards at appropriate locations including the door and door frame.

- i. Mop sink to be constructed of monolithic, preformed basin material with stainless steel sill.
- j. Include hose and reel as part of mop sink.
- k. Faucet shall be type a/b/e specialty mop sink with pail hook and wall brace, or equal.
- l. All plumbing connections shall be ½ mnps threads.
- m. Light fixture shall be Stonco vapor tight fixture with grill, or equal.

F. Interior Signage and Labeling

- 1. Signage to comply with requirements of ADAAG as to character, proportion, height, finish, mounting location and Braille content where required.
- 2. Exact signage requirements will be specified during the design phase.
- 3. Each room in the facility shall be labeled or numbered to facilitate maintenance and emergency response.
- 4. Room names in the design documents shall match the final operational room names to ease the coordination of signage preparation and move-in. Room numbers on final plans shall also be the same as room numbers on signs for alarm and security use in the facility operation.
- 5. Rooms which are identified (labeled) as to use do not need to be numbered, unless there are more than one of each such rooms in a facility. Examples:
 

"Men"	"Women"
"Janitor"	"Telephone Equipment"
"Electrical Equipment"	"Mechanical Equipment",
"Stair", etc.	
- 6. Rooms that are not signed shall have numbers provided on the upper corner of each door or door jamb of main door to each room. Numbers shall be small 3/4" and applied so as to be of use only to County maintenance personnel; or, if the numbering system is to be referenced on the Building Directory, utilize larger more visible numbers.
- 7. Rooms shall be numbered from left to right beginning at the suite entrance door, as practical.
- 8. All workstations shall be numbered independent of room numbers.

9. Any room containing equipment related to the fire alarm system, must have signage meeting the Fire Marshal's requirements in terms of lettering size (1 ½") and contrasting colors. Typical rooms may include but are not limited to Main Electric Room, Fire Control Room, Fire Pump Room, Sprinkler Riser Room and Sprinkler Control Room.
  10. All mechanical or electrical equipment located above a suspended ceiling shall be labeled/ identified at the suspended ceiling. Fire alarm devices located above a suspended ceiling must have a nameplate identifying the device at the appropriate suspended ceiling location and also at the point of access to the device if different from the suspended ceiling. Nameplates for fire alarm devices shall be ½" minimum height white letters engraved on a minimum 1" wide red plastic laminate plate.
  11. The street address number must be provided, clearly visible on the front of the building.
  12. For emergency response purposes, all exterior doors in public safety facilities shall be clearly labeled with an identifying door number at the interior and exterior and with door numbers visible from an aerial position. For all other facilities, the A/E shall coordinate with the County Project Manager at the early design phase to determine signage requirements.
- G. Automated External Defibrillators (AEDs) will be installed in all County worksites as part of the County's Public Access to Defibrillation (PAD) program. The Risk Management Division manages the PAD program and is responsible for installation of AEDs in accordance with County and ADAAG standards. Appropriate space in the public area of the building must be provisioned and coordinated with Risk Management staff.
- H. Space for recycled material collection/storage must be provided and designated, preferably near the loading dock or dumpster area.
- I. Accessible Design:
1. Evaluate use of Family Restrooms, if applicable to specific building. Include baby changing tables at public area restrooms.
  2. Soap dispensers in toilet rooms, shall be provided to the side of the wash bowl in the counter instead of along the rear wall. If automatic soap dispensers are specified, they shall be sensor operated with hardwiring (no batteries permitted).
  3. Clearance at paper towel dispensers, trash receptacles and lavatories shall not overlap with common circulation and meet ADAAG standards.
  4. Locate hooks no taller than 48" on the back of toilet stall doors, if applicable.

5. Wall mounted objects such as hand dryers, baby changing stations another dispensers, within the toilet rooms, shall met the requirements of ADAAG for protrusion into the accessible path.
6. No shelving shall be provided in restrooms. Where exceptions are requested such as in Libraries, A/E shall ensure compliance with ADA requirements.
7. Accessible drinking fountains shall be provided in an alcove or with wing walls in compliance with ADAAG requirements for protruding objects.
8. Evaluate use of front-loading washer and dryers, where applicable.
9. Evaluate the installation of at least one assistive listening system in each building in an area of assembly such as, classrooms, meeting areas, conference rooms, or theaters.
10. Card access system for entry, must provide for sufficient time for opening of the door for a person to pass.
11. Lettering size for informational signage shall be as large as practical in consideration of those with low vision.
12. Accessible routes and equipment accessibility shall be considered when locating and purchasing vending machines, copiers, kiosks, and other specialized equipment.

## II. PRODUCTS

- A. The preferred toilet accessories are as follows. Notify the County Project Manager for alternate model if those listed are discontinued:

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| 1. Toilet tissue dispenser                   | Bobrick B-274  |
| 2. Toilet Tissue Dispenser and Utility Shelf | Bobrick B-2840   |
| 3. Towel dispenser- recessed                 | Bobrick B-369  |
| 4. Sanitary Napkin dispenser                 | Bobrick B-4706 50  |
| 5. Napkin Disposal                           | Bobrick B-270  |
| 6. Toilet Seat Cover Dispenser               | Bobrick B-221  |
| 7. Waste Receptacles (recessed only)         | Bobrick B-3644   |
| 8. Hand Dryer                                | Dyson Airblade dB, AB14-G<br>Excel Xlerator<br>Saniflow Automatic Mediflow |

- B. All toilet accessories and their installation, must comply with ADA requirements for reach, operation, and wall projection.
- C. All toilet accessories model numbers should be confirmed during specifications. Any updates or necessary revisions must be coordinated with the County Project Manager.