10 28 13 13 – Commercial Toilet Accessories

1. General

A. Accessibility Requirements:
Toilet accessories shall meet ADA standards. The majority of these accessories shall be made of plastic unless stainless steel is approved by UEVS, with provision for concealed mounting. Units shall be mounted in accordance with the current N.C. State Building Code and the requirements of the Americans with Disabilities Act (ADA). Tissue dispensers must be mounted so they are clear of the compartment’s grab bars and door swing and shall not be mounted with screw heads visible on the wall of adjacent compartments.

2. References

A. The Codes and Regulations listed below form a part of this specification to the extent referenced. Work shall be performed in accordance with the applicable international, federal, state and local codes or standards current at the commencement of installation.

2.A.1. ADA standards

B. Where more than one code or regulation is applicable, the more stringent shall apply.

3. Design Standards

A. Women’s Toilet Compartment Accessories:
Toilet accessories in Women’s toilet compartments shall include a tissue dispenser with two-roll storage and a sanitary napkin disposal receptacle. Grab bars must be provided in accessible toilet compartments. (Note: Duke generally does not mount sanitary napkin dispensers in toilet compartments anymore due to the required upkeep.)

B. Men’s Toilet Compartment Accessories:
Toilet accessories in the Men’s toilet compartments shall include a tissue dispenser with two-roll storage. Grab bars must be provided in accessible toilet compartments.

C. General Toilet Compartment Accessories (shall include the following):

1. One Liquid Soap Dispenser per lavatory, located above each basin.

2. One Paper Towel Dispenser (preferably recessed) for every one and a half lavatories, equipped with a waste container with a hinged cover. The Owner may supply pre-purchased paper towel dispensers to the Contractor to install. A/E firm to consult with Duke University during Design Development stage.
3. When specifying vanity mirrors to be located over lavatories, the Architect and Owner should consider potential impacts on plumbing maintenance, traffic flow and toilet room capacity. Alternate mirror locations (not above lavatories) should be considered where practical, subject to the Owner’s approval. Where mirrors are provided, large vanity mirrors are recommended. Mirrors must be constructed of 1/4 inch-thick polished plate glass in a one-piece formed frame with welded corners and integral stiffener. Frame material should be resistant to moisture and corrosion and compatible with room finishes. Mirror backing must be minimum 20-gauge steel, attached to the frame.

4. One General Storage Shelf (for pocketbooks, briefcases etc.) where possible.

5. One Baby Changing Station shall be provided per building in one Men’s Group Toilet and in one Women’s Group Toilet.

6. Accessible Shower Stalls shall be designed in accordance with the current N.C. State Building Code and ADA requirements including handrails, grab bars, seats, flexible shower spray and soap dispenser.

D. See Appendix A102813.13 for additional toilet compartment accessory information.

4. Documentation and Review Requirements

A. Section not used.

5. Installation and Performance Requirements

A. In general, toilet accessories shall be surface mounted, not recessed, with hidden hardware. Devices shall be securely mounted to prevent theft, vandalism and damage during normal university activities.

B. The following items are preferred, although not all products will be included with each project and additional items may be necessary:

1. **Paper Towel Dispenser** – there are (2) primary paper towel dispensers installed throughout the academic buildings. These options in combination with the Bobrick B-3644 Classic Series Waste Receptacle replace the Bobrick B-3961 Recessed convertible paper towel dispenser and waste receptacle. The vendor for these paper towel dispensers is Unisource Worldwide, 1070 Waterfield Drive East, Garner, NC 27529. Sales: 1-800-864-7687.

   a) **K-C PROFESSIONAL *IN-SIGHT SANITOUCH*** - Hard Roll Towel Dispenser, color: Smoke, item 09990. Primary Roll Towel Dispenser for installations not requiring stainless-steel fixtures or dispensers.

   b) **K-C PROFESSIONAL *MOD*** - Stainless-steel, recessed dispenser, item 34335. Manual operation for installations requiring stainless-steel fixtures or dispensers. This recessed dispenser
requires rough cut-out dimensions: 11" wide, 15.4" height and 3.65" depth.

2. **Tissue Dispenser** – there are (4) types of tissue dispensers installed throughout the academic buildings. Any of these (4) tissue dispenser options may be installed in ADA designated stalls as long as ADA Standards for accessibility are met. These various options replace the Bobrick B-265 Double-Roll Toilet Tissue Dispenser with Controlled Delivery. The vendor for the K-C tissue dispensers is Unisource Worldwide, 1070 Waterfield Drive East, Garner, NC 27529. Sales: 1-800-864-7687. The vendor for the B-2888 Classic Series Stainless-Steel tissue dispenser is Martin Architectural, 511 East Chatham Street, Cary, NC 27511. Sales: 919-469-9661.

   a) **K-C PROFESSIONAL *IN-SIGHT* JRT** – Junior bath tissue dispenser, color: Smoke, code 09554. For mounting in regular stalls and in ADA stalls with space or configuration limitations. Dimensions = 12in. x 11.375in. x 5.8in.

   b) **K-C PROFESSIONAL *IN-SIGHT* JRT Jr. ESCORT** - Jumbo roll bath tissue dispenser with stub roll, color: Smoke, code 09507. For mounting in irregular stalls and ADA stalls that can accommodate the following dimensions = 14.25in x 6.125in. x 16.625in. This is the standard tissue dispenser used by the University.

   c) **K-C PROFESSIONAL *IN-SIGHT* CORED JRT** – Combo unit bath tissue dispenser, color: Smoke, code 09551. For mounting in regular stalls and ADA stalls that can accommodate the following dimensions = 20.75in x 6.375in. x 13.625in. For high use restrooms or high occupancy buildings.

   d) **B-2888 CLASSIC SERIES** – Surface-mounted Multi-Roll toilet tissues dispenser, stainless-steel. For mounting in ADA stalls that require stainless-steel dispensers or fixtures. Dimensions = 6 1/16in. x 11in. x 5 5/16in. Note: This installation option would require the mounting of (2) dispensers in a side-by-side configuration to support four rolls of tissue.

3. **Soap Dispenser** – there are (3) choices of soap dispensers installed throughout the academic buildings and (1) high-profile touch-free dispenser option. Selection should be based on the color of the other room fixtures. These options replace the Bobrick B-4112 Contura Series Surface-Mounted Soap Dispenser. The vendor for the Gojo soap dispensers is Unisource Worldwide, 1070 Waterfield Drive East, Garner, NC 27529. Sales: 1-800-864-7687.
a) **GOJO ADX-12 DISPENSER** – Color: white/white, item 8880-06, capacity 1250 ml, dimensions = 4.64in. x 11.89in. x 3.98in.

b) **GOGJO ADX-12 DISPENSER** – Color: black/black, item 8886-06, capacity 1250 ml, dimensions = 4.64in. x 11.89in. x 3.98in.

c) **GOJO ADX-12 DISPENSER** – Color: chrome/black, item 8888-06, capacity 1250 ml, dimensions = 4.64in. x 11.89in. x 3.98in. For applications in rooms with stainless-steel fixtures.

d) **GOJO TFX TOUCH-FREE DISPENSER** – Brushed metallic, item 2799-12-EEU00, dimensions = 10.5in x 6in. x 4in. This dispenser is for high-profile buildings only, coordinate with the housekeeping department. Unit requires (3) C-cell batteries.

4. **Sanitizer Dispenser** - there are (2) types of sanitizer dispensers installed throughout the academic buildings. Choice should be based on the color of the room fixtures. Mount one dispenser per restroom in a location away from the soap dispenser and near the restroom exit. The vendor for the Purell sanitizer dispensers is Unisource Worldwide, 1070 Waterfield Drive East, Garner, NC 27529. Sales: 1-800-864-7687. Dispensers should be mounted so the operating mechanisms are at a height less than 48 inches A.F.F. Dispensers should not be installed directly adjacent to, directly above or below an electrical receptacle, switch, appliance, device or other ignition source. This rule has been formally interpreted by the JAHCO to be 6 inches from the center line of the dispenser to the ignition source. If installed over a carpeted floor, dispensers shall be permitted only in sprinklered smoke compartments (NFPA 3.3.43.2).

a) **PURELL ADX-12 DISPENSER** – Color: brushed chrome/black, item 8828-06, capacity 1250 ml, dimensions = 11.89in x 3.98in x 4.65in. These dispensers are for restrooms with black or stainless-steel fixtures.

b) **PURELL ADX-12 DISPENSER** – Color: white/white, item 8820-06, capacity 1250 ml, dimensions = 11.86in x 3.97in x 4.65in. These dispensers are for restrooms with black or stainless-steel fixtures.

5. **Trash Receptacle** – this recessed trash receptacle option should be installed when a stainless-steel receptacle is preferred or required. However, this receptacle may also be installed beneath and centered on the K-C PROFESSIONAL *IN-SIGHT* SANITOUCH hard roll towel dispenser, color: Smoke, code 09990 – if a stainless-steel combination is not required. Or it can be installed with the K-C PROFESSIONAL *MOD* Manual Dispenser, stainless-
steel, recessed dispenser, code 34355 – if a 100% stainless-steel combination is required. These combinations would replace the Bobrick B-3961 recessed convertible paper towel dispenser and waste receptacle. The vendor for the Bobrick B-3644 Classic Series Waste Receptacle is Martin Architectural, 511 East Chatham Street, Cary, NC 27511. Sales: 919-469-9661.


6. Sanitary Napkin Disposal – these units are generally not installed in toilet compartments due to the required maintenance and upkeep. If required, the standard unit can be obtained from Martin Architectural, 511 East Chatham Street, Cary, NC 27511. Sales: 919-469-9661.

a) **BOBRICK B-270 CONTURA SERIES** – Surface-mounted sanitary napkin disposal, color: satin-finish stainless-steel. Cover is drawn, one-piece construction, secured to the cabinet with full-length stainless-steel piano hinge. Capacity is 1 gallon. Dimensions = 7.5in. x 10in.x 3 13/16in. Color: white/white, item 8880-06, capacity 1250 ml, dimensions = 4.64in. x 11.89in. x 3.98in.

C. Limited quantities of the listed paper towel, tissue and soap dispensers may be obtained through the Housekeeping department on an individual basis but should be acquired through the vendor listed as a normal practice. Contact University Housekeeping at least (1) month in advance to see if limited quantities are available for the project.

D. Dispensers that may be available on a limited basis are as follows:

1. Paper Towel Dispensers
   a) K-C PROFESSIONAL *IN-SIGHT* SANITOUCH Hard Roll Towel, item 09990.

2. Tissue Dispensers
   a) K-C PROFESSIONAL *IN-SIGHT* CORED JRT Combo Unit Bath Tissue Dispenser, color: Smoke, item 09551.
   b) K-C PROFESSIONAL *IN-SIGHT JRT Jr. ESCORT* Jumbo Roll Bath Tissue Dispenser with Stub Roll, color: Smoke, item 09507.
c) K-C PROFESSIONAL *IN-SIGHT JRT Jr. Bath Tissue Dispenser, color: Smoke, item 09554.

3. Soap Dispensers
   a) GOJO ADX-12 Dispenser, color: white/white, item 8880-06.
   b) GOJO ADX-12 Dispenser, color: black/black, item 8886-06.
   c) GOJO ADX-12 Dispenser, color: chrome/black, item 8888-06.
   d) GOJO TFX TOUCH-FREE Dispenser, color: brushed metallic, item 2799-12-EEU00.

4. Sanitizer Dispensers
   a) PURELL ADX-12 Dispenser, color: brushed chrome/black, item 8828-06.
   b) PURELL ADX-12 Dispenser, color: white/white, item 8820-06.

E. Items that must be procured through other vendors (Martin Architectural, 511 East Chatham Street, Cary, NC 27511. Sales: 919-469-9661) are as follows:
   2. BOBRICK B-3644 CLASSIC SERIES WASTE RECEPTACLE – stainless-steel, seamless beveled flange.
   3. BOBRICK B-270 CONTURA SERIES – Surface-mounted sanitary napkin disposal, satin-finish stainless-steel.

6. As-Built Requirements

A. Section not used.

See “UEVS Standards – Restroom Accessories” for cut sheets on accessories.