

1.0 **GENERAL**

1.1 **Related UBC Guidelines**

- .1 *Section 06 10 00 Rough Carpentry – backing for toilet and shower accessories.*
- .2 *Section 10 21 13 Toilet Compartments*
- .3 Section 22 40 00 Plumbing Fixtures – technical details for motion detector-activated plumbing fixtures and accessories including, faucets, urinals and water closets.

1.2 **Co-ordination Requirements**

- .1 Backing for Secure Mounting.
- .2 Section 10 21 13 Toilet Compartments.

1.3 **Description**

- .1 *Toilet and shower and* accessories.

1.4 **Submittals**

- .1 **Submittals in O&M manual:**
 - .1 *Final reviewed* shop drawings, *complete with specified finishes and maintenance requirements.*
- .2 **Handover/ Turn-Over Procedures**
 - .1 *Final cleaning inspection to be conducted by a Facilities Custodial Services Representative prior to occupancy.*
 - .2 *Cleaning and floor work to be performed to Facilities Custodial Services Standards.*

1.5 **Design Requirements**

- .1 **Toilet Count**
 - .1 **Where classrooms and lecture theatres exist, the number of toilets and sinks in proposed women's washrooms is required to be increased by one third over the number required by the current version of the BC Building Code. This is *in anticipation of greater demand* between *scheduled* classes.**
- .2 **Materials**
 - .1 The “generic” type *of toilet tissue roll or paper towel* dispenser allows UBC to source flexible pricing. The products used in these dispensers are of the large roll size and last much longer between roll changes thus reducing labour costs.
 - .2 Hand Dryer Wiring - In new construction or major renovations, provide the required electrical wiring for hand dryers and terminate the wiring in a suitable location in a junction box recessed in the wall with a stainless steel decorative cover plate (close to the sinks). For hand dryer type, see paragraph 1.5.3.7 of this section.
- .3 **Components**
 - .1 *Toilet Tissue Dispensers*
 - .1 *Distributor:* Kimberley Clarke Professional
 - .1 Type: 09551 **Twin Toilet Tissue Dispenser**
 - .2 Colour: Black/Smoke
 - .3 Unit Size: 20.43” x 13.12” x 5.8” (51.9 cm x 33.3 cm x 14.7 cm)

- .2 *Distributor:* San Jamar
 - .1 Type: R2090TBK Oceans 9" **Single Roll Jumbo Toilet Tissue Dispenser**
 - .2 Colour: Black Pearl
 - .3 *Single toilet tissue dispensers are to be used only if acceptable to Facilities Custodial Services. Consult with the UBCV Technical Review Team Architect for such installations first.*
- .2 Soap Dispensers
 - .1 Distributor: Veritiv Supply
 - .2 Dispensing system using a refillable dispenser with front button operated valve.
 - .1 *Type: Purell FMX 20 (SKU 5234-06)*
 - .2 Dispenser type: 2000ml
 - .3 Product refill 2000ml Purell Healthy Soap SKU 5572-02
 - .3 Color for body shall be Graphite/Metallic.
 - .4 *Install at a location in reach of seated position in front of lavatory.*
- .3 Sanitary Napkin Dispensers
 - .1 *Distributor:* Frost Products Limited.
 - .2 *Type: Double Combo, Frost ref. # 608-3* in stainless steel.
 - .3 Mechanism shall be 25 cent.
 - .4 Product must be on FREE vend system only. Require coinless units only.
 - .5 Note: In accessible washrooms, *accessible toilet compartments and compartments for persons with limited mobility*, install within reach of toilet seat and located so as to maintain toilet compartment and grab bar clearances required by *the BC Building Code*.
- .4 Sanitary Napkin Disposal Bins
 - .1 *Distributor:* Frost Products Ltd.
 - .2 *Type: Reference part # 622.*
 - .3 Color shall be brushed stainless steel.
 - .4 *Note: In accessible washrooms, accessible toilet compartments and compartments for persons with limited mobility, install within reach of toilet seat and located so as to maintain toilet compartment and grab bar clearances required by the BC Building Code.*
- .5 Grab Bars
 - .1 Installed as per BCBC *requirements with* tamper-proof fasteners and non-slip surface.
- .6 Garbage Containers
 - .1 *Type: Rubbermaid Marshall Classic Container # 8170-88 (black)*, 18" x 42" high, 23lb./10.4Kg.
 - .2 Wall-mounted and *millwork-installed* garbage containers *are not* allowed.
 - .3 *Garbage container must not interfere with clear floor areas required by the BC Building Code, including clear floor areas around doors.*
- .7 Hand Dryers
 - .1 Hand dryers only *to be installed in new buildings, major renewals and renovations.*

- .1 *Type:* Preferred models are **Dyson Airblade HU02** or **Dyson Airblade 9kj**.
 - .2 Either type of hand dryer must be supplied with wall mounted backplate in brushed stainless steel *when mounted on drywall surfaces*.
 - .3 *Hand dryers are to be mounted as close as possible to accessible lavatories to limit the distance that people in wheelchairs have to move to access them. Mount hand dryers at accessible heights per BC Building Code.*
 - .4 *Installation of paper towel dispensers in addition to hand dryers will require a variance request. A variance will be granted only if acceptable to Facilities Custodial Services.*
- .8 *Toilet Lids and Back Rests:*
- .1 *Toilet seats should not have a lid attachment.*
 - .2 *For accessible washrooms, accessible toilet compartments and compartments for people with limited mobility, wall-mounted back rests are to be provided as required by the BC Building Code.*
 - .3 *Back rests should not interfere with the flushing mechanism even when leaned against.*

END OF SECTION