

PART 1 – GENERAL

1.1 GENERAL INSTRUCTIONS

- .1 Read and be governed by conditions of the *Contract Documents*, including Sections of Division 01.

1.2 SECTION INCLUDES

- .1 1.1 General Instructions
- .2 1.2 Section Includes
- .3 1.3 Summary
- .4 1.4 Submittals
- .5 1.5 Delivery, Storage, and Handling
- .6 2.1 Accessories
- .7 2.2 Fabrication
- .8 3.1 Installation
- .9 3.2 Barrier Free Installation Heights
- .10 3.3 Installation of Washroom Accessories
- .11 3.4 Installation Tolerances
- .12 3.5 Adjusting and Cleaning

1.3 SUMMARY

- .1 Section Includes
 - .1 Washroom accessories.
 - .2 Janitor room accessories.

1.4 SUBMITTALS

- .1 Submit required submittals in accordance with Section 01 33 00 – Submittal Procedures.
- .2 *Product* data sheets:
 - .1 Submit manufacturer's *Product* data sheets for *Products* proposed for use in the work of this Section.
- .3 Samples:
 - .1 Submit duplicate samples of each finish specified.
- .4 *Shop Drawings*:
 - .1 Clearly indicate fabrication details, plans, elevations, hardware and installation details.
- .5 Templates:
 - .1 The *Contractor* shall ensure that its *Subcontractors* submit templates for use by installers and fabricators as required for proper location and installation of hardware.

1.5 DELIVERY, STORAGE, AND HANDLING

- .1 Package or crate, and brace *Products* to prevent distortion in shipment and handling. Label packages and crates, and protect finish surfaces by sturdy wrappings.
- .2 The *Contractor* shall ensure that its *Subcontractors* deliver *Products* to location at the *Place of the Work*

PART 2 - PRODUCTS

2.1 ACCESSORIES

- .1 Incorporate reinforcing, fastenings and anchorage required for building-in of *Products*.
- .2 Specified manufacturer's catalogue references are the minimum acceptable standards for work of this Section. Where two manufacturers or *Products* are specified for a given accessory, select one or the other for installation in the *Work*, but not both.
 - .1 Acceptable *Product* manufacturers: Subject to compliance with Contract requirements, *Provide Products* by one of the following:
 - .1 ASI Watrous Inc.
 - .2 Bobrick Washroom Equipment, Inc.
 - .3 Swish Maintenance Ltd.
 - .4 Uline Canada
 - .5 Frost Products Ltd.
 - .6 Or Equivalent
 - .3 Lettering: for identification of accessories and operation instructions shall be silk screened using international symbols unless otherwise specified in the Contract Documents.
 - .4 Washroom Accessory Schedule; locations as indicated or scheduled in the *Contract Documents*. Exact locations determined by the *Consultant*:
 - .1 Stainless steel hat and coat hook:
 - .1 Shall be Bobrick Washroom Equipment of Canada Ltd. B-6827 Hat and Coat Hook or *Equivalent*.
 - .2 Grab bars:
 - .1 Horizontal: 38mm diameter stainless steel grab bars with concealed mounting and peened gripping surface as manufactured by Bobrick Washroom Equipment of Canada Ltd. or *Equivalent*.
 - .2 L-shaped: 38mm diameter stainless steel grab bars with concealed mounting and peened gripping surface as manufactured by Bobrick Washroom Equipment of Canada Ltd. or *Equivalent*. Grab bars to have 900mm long horizontal and vertical components.
 - .3 130 mm diameter stainless steel grab bars with concealed mounting and peened gripping surface, Model B-5806.99x24 as manufactured by Bobrick Washroom Equipment of Canada Ltd. or *Equivalent*.
 - .4 290 degree grab bar, model B-816722.99 as manufactured by Bobrick Washroom Equipment of Canada Ltd. or *Equivalent*.

All other accessories as specified on drawings.

.3 Surface-mounted shelves:

- .1 Surface Mounted Stainless Steel Shelf, model B-295x18, as manufactured by Bobrick Washroom Equipment of Canada Ltd. or *Equivalent*. Refer to the *Drawings* for locations.

.4 Soap Dispenser: Swish Maintenance Ltd - GOJO FMX12 Foam Dispenser Grey 1250ml or *Equivalent*.

.5 Towel Dispenser and Waste Receptacle: Bobrick Semi-Recessed Convertible Paper Towel Dispenser and Waste Receptacle, B-3942 or *Equivalent*.

.6 Toilet Tissue Dispenser: Swish Maintenance Ltd Wagon Wheel 4 Roll Toilet Tissue Dispenser – 884 or *Equivalent*.

.7 Recessed Soap Holder:

- .1 Bobrick Washroom Equipment of Canada Ltd. B-4380 Recessed Heavy-Duty Soap Dish or *Equivalent*.

.8 Recessed Shampoo Holder:

- .1 Zitta Brushed Stainless Steel Niche 12" x 16" or *Equivalent*.

.9 Folding shower seat:

- .1 Bobrick Washroom Equipment of Canada Ltd. B-5191 Folding Shower Seat or *Equivalent*.

.10 Folding Bench:

- .1 Bobrick Washroom Equipment of Canada Ltd. B-5181 Reversible Folding Shower seat or *Equivalent*.

.11 Shower rod and curtain:

- .1 American Standard 1204-C Rod & 1200-V Curtain or *Equivalent*.

2.2 FABRICATION

- .1 Fabricate *Products* with materials and component sizes, metal gauges, hardware, reinforcing, anchors, and fastenings of adequate strength to ensure that washroom accessories will remain free of warping, buckling, opening of joints and seams, and distortion within limits of intended use.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 *Supply* manufacturer's handling instructions, anchorage information, roughing-in dimensions, templates and service requirements for installation of the work of this Section, and assist or supervise, or both, the setting of anchorage devices and construction of other work incorporated with *Products* specified in this Section in order that they function as intended.
- .2 *Install* work to meet manufacturers' recommended specifications, true, tightly fitted, and level or flush to adjacent surfaces, as suitable for installation.
- .3 Include reinforcing, anchorage and mounting devices required for the installation of each *Product*.

- .4 Fit joints and junction between components tightly and in true planes, conceal and weld joints where possible.

3.2 BARRIER FREE INSTALLATION HEIGHTS

- .1 Install accessories to permit operable parts and controls to be accessed at 1100 mm (43") maximum above finished floor, unless otherwise indicated in the Contract Documents.

3.3 INSTALLATION OF WASHROOM ACCESSORIES

- .1 *Install* and secure fixtures rigidly in place using expansion shields in solid masonry or concrete, toggle bolts in hollow masonry or sheet metal screws at metal studs.
- .2 Insulate surfaces to prevent electrolytic action due to contact with dissimilar metals, or concrete or masonry if required. Use bituminous paint or other approved means.
- .3 *Install* in accordance with manufacturer's installation instructions, on built-in concealed solid backing materials. Grab bar installation shall be able to withstand 250 kg downward force.
- .4 Verify locations and mounting heights with the *Consultant* before roughing-in.
- .5 *Install* plumb, level, straight, tight and secured, centred between joints on masonry and tile walls.

3.4 INSTALLATION TOLERANCES

- .1 *Install* plumb, level, tight and secured. Comply with the following maximum tolerances:
 - .1 Plumb and level: 3 mm (1/8").
 - .2 Variation from indicated position: 3 mm (1/8").

3.5 ADJUSTING AND CLEANING

- .1 Verify under work of this Section that installed *Products* function properly, and adjust them accordingly to ensure satisfactory operation. Test mechanisms, hinges, locks, and latches and adjust and lubricate to ensure washroom accessories are in perfect working order.
- .2 Do not remove protective coatings until final cleaning, or earlier if directed by the *Consultant*.
- .3 Refinish damaged or defective work, at the *Contractor's* expense, so that no variation in surface appearance is discernible. Refinish work at the *Place of the Work* only if approved by the *Consultant*.

END OF SECTION