

## **PART-1 GENERAL**

### 1.01 DESCRIPTION

- A. Stainless steel compartment work includes the following:
  - 1. Floor anchored/overhead-braced partitions.
- B. Furnish all labor and materials necessary for the completion of work in this section as shown on the contract drawings and specified herein.
- C. Work in this section shall include but is not limited to:
  - .1 Toilet compartments
  - .2 Hardware for toilet compartments
- D. Related work specified elsewhere shall include accessories and anchorage/blocking for attachment of compartments.

### 1.02 PRODUCTS

- A. Submittal of shop drawings and details, for Contract Administrator's approval.
- B. A sample of #4 satin finish stainless steel and hardware samples shall be submitted for approval to the Contract Administrator upon request.

## **PART-2 PRODUCTS**

### 2.01 MANUFACTURER

- A. Bobrick Washroom Equipment
- B. <http://www.bobrick.com/Bobrick/>

### 2.02 MATERIALS

- A. Doors and panels shall be 1" thick, constructed of two sheets of 22-gauge, stretcher-leveled quality stainless steel formed and bonded under pressure with a non-toxic adhesive to a resin-impregnated, sound-deadening full-face honeycomb core.
- B. Pilasters shall be 1-1/4", constructed of two sheets of 22-gauge stainless steel, formed and bonded under pressure with a non-toxic adhesive to a full resin-impregnated, sound-deadening full-face honeycomb core.

### 2.03 CONSTRUCTION

- A. Doors and panels shall be 1" thick. The perimeter shall be sealed with a 22-gauge stainless steel interlocking molding. Molding corners shall be welded to each other and to face sheets and ground smooth to form a rigid frame around the component.
- B. Pilasters shall be 1-1/4" thick. The perimeter shall be sealed with a 22-gauge stainless steel interlocking molding. An inverted stirrup with a jack bolt for leveling during installation and permanent height adjustment shall be welded within the base of each pilaster. "L" brackets shall be coupled to the stirrup bracket and floor for full range adjustment. A shoe shall conceal each mounting, having an internal cross section conforming to the pilaster, and being formed of type 304 stainless steel #4 finish.
- C. Headrail shall be provided to bridge all compartments and brace the end freestanding pilasters to the wall; the headrail shall be anodized aluminum satin finish, contoured to provide anti-grip feature.

### 2.04 HARDWARE (NOTE: Refer to the ORDER INFORMATION CONTRACT for specific hardware to be supplied on your order.)

- A. All exposed door hardware shall be of chromium-plated diecast Zamac and shall be as noted:
  - .1 Upper door hinge is recessed and interlocked in door and includes a nylon pin within the plane of the door. Lower door hinge is recessed in door and includes mating box and pintle nylon cams, which provide the bearing surface. The cams are adjusted to allow the door to rest at any position within a 270-degree range.
  - .2 Door hardware shall include a coat hook, bumper, stop, keeper and a concealed latch with emergency access.
  - .3 Fasteners shall be of chrome-plated steel; door hinges will be mounted with theft-proof barrel nuts and machine screws; hooks and handles will be mounted with theft-proof, full-thread screws.
- B. Wall brackets shall be secured to walls with anchoring and/or expansion shields.
- C. Pilaster shoes shall be of type 304 steel #4 finish.
- D. Fasteners shall be of chrome-plated steel; door hinges will be mounted with tamper resistant barrel nuts and machine screws; hooks and handles will be mounted with tamper resistant, full-thread screws.

### **PART-3 EXECUTION**

#### **3.01 PREPARATION**

- A. Examine areas to receive toilet compartments for correct height and spacing of anchorage/blocking and plumbing fixtures that may affect installation of compartments. Report any discrepancies to the Contract Administrator.
- B. Take complete and accurate measurements of complete toilet compartment locations.
- C. Start of work constitutes acceptance of job.

#### **3.02 INSTALLATION**

- A. Install compartments in a rigid, straight, plumb and level manner as shown on the shop drawings and manufacturer's installation instructions.
- B. All doors and panels to be mounted at 12" above the finished floor unless otherwise specified.
- C. Clearance at vertical edges of door shall be uniform top to bottom.
- D. No evidence of cutting, drilling and/or patching shall be visible on the finished work.
- E. Finished surfaces shall be cleaned after installation and be left free of all imperfections.

END OF SECTION

**1.1 SHOP DRAWINGS**

- .1 Submit shop drawings in accordance with Section 01330 - Submittal Procedures.
- .2 Submit shop drawings, catalogue sheets and full size templates.
- .3 Indicate materials, thicknesses, sizes, finishes, colours, construction details, removable and interchangeable components, mounting methods, schedule of signs.
- .4 Submit drawn-to-scale details for individually fabricated or incised lettering indicating word and letter spacing.

**1.2 SAMPLES**

- .1 Submit samples in accordance with Section 01330 - Submittal Procedures.
- .2 Submit representative sample of each type sign, sign image and mounting method.

**1.3 MAINTENANCE DATA**

- .1 Provide maintenance data for illuminated signs for incorporation into manual specified in Section 01780 - Closeout Submittals.

**Part 2 Products**

**MATERIALS**

- .1 Interior and exterior signs to material, thickness, size, and finish as indicated.
- .2 Exterior wall letters: Insign 6" Helvetica 1/2" Standard black baked enamel steel. Include 1" long pins with offset for welding to bottom plate as detailed. Location as indicated.
- .3 Interior wall letters: Insign 6" Helivtia Standard black baked enamel steel. Letters to be individually mounted 1" away from wall face using concealed anchors (pins) set in manufacturer's recommended quick-setting cement.
- .4 Interior door signs: Insign custom metal symbols set flush with face of door. Door to be routed to depth and exact shape of symbol (aprox 1/16"). Provide 3" template for routing of male and female washroom doors to accommodate recessed symbols.

**2.2 FABRICATION**

- .1 Fabricate signs in accordance with details, specifications and shop drawings.
- .2 Build units square, true, accurate to size, free from visual or performance defects.
- .3 Accurately fit and securely join sections to obtain tight, closed joints.
- .4 Allow for thermal movement without distortion of components.
- .5 Exposed fasteners permitted only where indicated or approved by Construction Manager and to be inconspicuous and same finish and colour as base material, or as noted.
- .6 Manufacturer's nameplates on sign surface locations visible in completed work not acceptable.

**Part 3 Execution**

**3.1 INSTALLATION**

- .1 Erect and secure signs plumb and level at elevations as directed by Contract Administrator.
- .2 Comply with sign manufacturer's installation instructions and approved shop drawings.

**3.2 SCHEDULE**

- .1 Interior: as indicated.
- .2 Exterior: as indicated.

**3.3 CLEANING**

- .1 Leave signs clean and touch up any damaged finishes.

**END OF SECTION**

**Part 1 General**

**1.1 REFERENCES**

- .1 American National Standards Institute (ANSI)
  - .1 ANSI/NFPA 10-[1998], Portable Fire Extinguishers.
- .2 Underwriters' Laboratories of Canada (ULC)
  - .1 CAN/ULC-S504

**1.2 SHOP DRAWINGS AND PRODUCT DATA**

- .1 Submit shop drawings and product data in accordance with Section 01330 - Submittal Procedures.

**1.3 CLOSEOUT SUBMITTALS**

- .1 Provide maintenance data for incorporation into manual specified in Section 01780 - Closeout Submittals.

**Part 2 Products**

**2.1 MULTI-PURPOSE DRY CHEMICAL EXTINGUISHERS**

- .1 Rechargeable type with hose and shut-off nozzle, ULC labelled for A, B and C class protection. Sizes 2.27 kg.

**2.2 CABINETS**

- .1 Recessed type as indicated, constructed of 1.6 mm thick steel, 180° opening door of 2.5 mm thick steel with latching device.
- .2 Cabinet to maintain fire resistive rating of construction in which they occur.
- .3 Cabinet door: with 5 mm full glass panel.
- .4 Finish:
  - .1 Tub: prime coated.
  - .2 Door and frame: No.4 satin finish stainless steel.
- .5 Acceptable material: William Brothers Corp. 14 1/2" x 30" x 4" bubble canopy extinguisher.

**2.3 IDENTIFICATION**

- .1 Identify extinguishers in accordance with recommendations of CAN/ULC-S504 .
- .2 Attach tag or label to extinguishers, indicating month and year of installation. Provide space for service dates.

**Part 3 Execution**

**3.1 INSTALLATION**

- .1 Install or mount extinguishers in cabinets as indicated.

**END OF SECTION**

**Part 1 General**

**1.1 SHOP DRAWINGS**

- .1 Submit shop drawings in accordance with Section 01330 - Submittal Procedures.
- .2 Indicate size and description of components, base material, surface finish inside and out, hardware and locks, attachment devices, description of rough-in-frame.

**1.2 SAMPLES**

- .1 Submit samples in accordance with Section 01330 - Submittal Procedures.
- .2 Samples to be returned for inclusion into work.

**1.3 CLOSEOUT SUBMITTALS**

- .1 Provide maintenance data for toilet and bath accessories for incorporation into manual specified in Section 01780 - Closeout Submittals.

**Part 2 Products**

**2.1 MATERIALS**

- .1 Fasteners: concealed screws and bolts hot dip galvanized, exposed fasteners to match face of unit. Expansion shields fibre, lead or rubber as recommended by accessory manufacturer for component and its intended use.
- .2 All exposed fasteners to be pin torx tamper resistant.

**2.2 COMPONENTS**

- .1 Mirrors:
  - .1 Wall Mirror: Watrous 8251 frameless stainless steel mirror
  - .2 Tilt mirror: Bobrick B-293.
- .2 Soap dispensers: 9342 Watrous Horizontal Soap Dispenser
- .3 Solid Grab Bars: Bobrick B5806, 24" bar across back of water closet and 30" beside water closet.
- .4 Grab Bar anchor series: Bobrick 257.
- .5 Toilet paper dispenser: Watrous 0264-12 vandal resistant
- .6 Toilet paper Hood: Watrous 0267 vandal resistant



- .7 Napkin disposal: Bobrick B270 surface mounted.
- .8 Waste Receptacle: Bobrick B-525 Classic series recessed waste receptacle
- .9 Paper towel dispenser: Bobrick B 4262 Contura Series
- .10 Baby change station: Bobrick KB100-00
- .11 Coat hooks: Bobrick B-6827 surface mounted on back face of water closet doors no more than 1400mm (55") above finished floor.
- .12 Water Fountain:

### **2.3 FABRICATION**

- .1 Shop assemble components and package complete with anchors and fittings.
- .2 Deliver inserts and rough-in frames to job site at appropriate time for building-in. Provide templates, details and instructions for building in anchors and inserts.
- .3 Provide steel anchor plates and components for installation on studding and building framing.

### **2.4 FINISHES**

- .1 Chrome and nickel plating: to ASTM B456, polished finish.
- .2 Manufacturer's or brand names on face of units not acceptable.

## **Part 3 Execution**

### **3.1 INSTALLATION**

- .1 Install and secure accessories rigidly in place as follows:
  - .1 Stud walls: install steel back-plate to stud prior to plaster or drywall finish. Provide plate with threaded studs or plugs.

### **3.2 SCHEDULE**

- .1 Locate accessories where indicated. Exact locations determined by Contract Administrator.

**END OF SECTION**