

**PART 1 GENERAL**

## 1.1 REFERENCE

- .1 Comply with the General Conditions of the Contract, Supplementary General Conditions and the requirements of Division 1.

## 1.2 RELATED WORK SPECIFIED ELSEWHERE

- |    |                                  |               |
|----|----------------------------------|---------------|
| .1 | Unit Masonry                     | Section 04200 |
| .2 | Miscellaneous Metal Beam support | Section 05500 |
| .3 | Toilet and Bath Accessories      | Section 10800 |

## 1.3 SCOPE OF WORK INCLUDED

- .1 Supply and install Ceiling Mounted washroom toilet partitions as indicated on drawings.
- .2 Ensure structural is in place to support ceiling hung partitions.

## 1.4 SUBMITTALS

- .1 Submit shop drawings in accordance with Section 01340.
- .2 Clearly indicate fabrication details, plans, deviations, hardware and installation details.

## 1.5 PROTECTION

- .1 Handling  
Prior to installation, handle panels with extreme care, avoiding damage to the finished surface. Never slide one panel over another. Exposed top panel surface must be covered with heavy kraft or corrugated paper or cloth.
2. Storage  
After delivery to the site, partitions and components must be stored in a dry area, protected against the elements and sudden extreme changes in temperature. Horizontal storage of panels supported on stringers at 24" intervals.

**PART 2 PRODUCTS**

## 2.1 MATERIALS

- .1 Ceiling mounted toilet partition panels are to be manufactured from two sheets of panel flatness zinc coated steel Galvanneal ASTM A653, Laminated under pressure to a honeycomb core for sound deadening and rigidity. Formed edges to be welded together and interlocked under tension with a roll formed oval crown locking bar, mitred, welded and ground smooth at the corners. Honeycomb to have a maximum 25mm ( 1" ) cell size with compressive strength of 31 lbs per square inch.

Panels : Shall be 25mm (1") thick with cover sheets not less than 22 ga.

Pilasters : Shall be 32mm ( 1.25" ) thick with cover sheets not less than 18 ga.

Base Bid Products : Hadrian  
Bobrick, Deco-Lam, General Partitions are acceptable alternates.

2. Finish : Colour paint match to Hadrian Colour Selector Guide :

**Male Washrooms - 545 Charcoal**

**Female Washroom - 545 Charcoal**

Sample required for shop drawing review

3. Hardware:

(a) Door hardware - ZAMAC no. 5 zinc alloy with satin chrome finish unless otherwise noted.

(b) Hinges - gravity type, heavy duty.

(c) Door Latch and Bumper Keeper - Stainless steel with emergency access slide bolt type.

(d) Coat Hook - features a rubber bumper door stop located in all stalls.

(e) Pilaster Saddles - 18 gauge s.s.

(f) Door Pull - stainless for handicapped units.

Locate at height to satisfy NBC.

4. Support and mounting channels - extruded anodized aluminum 1 1/8" x 3/4" in lengths to suit job condition.
5. Fasteners - Stainless steel tamper proof type.
6. Note mounting of washroom partitions from steel beam that spans the opening of the washroom stalls. Butterfly mechanical fasteners inside the steel HSS is the propered method of securement.

### **PART 3 EXECUTION**

#### 3.1 EXAMINATION

- .1 Take field dimensions of Work upon which Work of this Section depends before fabrication. Field adaptation of Work fabricated in error or without field check will not be allowed without Consultant's approval.

#### 3.2 INSTALLATION

- .1 Erect Work straight, plumb, level, and secured to prevent distortion or displacement or both.
- .2 Install partitions c/w anchorage of pilasters to support beams and walls, fastening of panels to panels or pilasters and to hanging of doors, bracing and specified hardware. Installation is to conform to manufacturers instructions.
3. Adjust all doors and hardware to operate smoothly.

#### 3.3 CLEANING

- .1 Final cleaning in accordance with Division 1

END OF SECTION