SECTION 10160
METAL TOILET COMPARTMENTS

PART 1 - GENERAL

1.1 SUMMARY:
A. Section Includes:
   1. Metal partitions for toilet cubicles.
   2. Urinal screens.
   3. Attachment hardware.

B. Related Sections:
   1. Section 10800 - Toilet and Bath Accessories.
   2. See Appendix 2 for lockers for custodial workstations.

1.2 REFERENCES:
A. American National Standards for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People ANSI A117.1
B. Uniform Federal Accessibility Standards (UFAS).

1.3 SUBMITTALS:
A. Submit shop drawings and sample data under provisions of Section 01300.
B. Provide sample colors and minimum 3" x 6" sized sample of actual base metal.

1.4 QUALITY ASSURANCE:
A. Installer Qualifications: Three years experience in installation of metal toilet partitions.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:
A. Accurate Partitions Corp.
B. General Partitions Manufacturing Corp.
C. Global Steel Products Corp.
D. Knickerbocker Partition Corp.
2.2 MATERIALS:

A. Type: Floor mounted, overhead braced.

B. Sheet Steel for Baked Enamel Finish: ASTM A591; Class C, galvanized-bonderized steel, of the following thicknesses:
   1. Panels and Screens: 20 gage.
   2. Doors: 22 gage.
   4. Reinforcement: 12 gage.

C. Partition, Screen, and Door Dimensions: Not less than 1" thick units. Pilasters 1-1/4" thick.
   1. 24" wide doors.
   2. 32" wide (clear opening), swing out doors at stalls for use by handicapped. Conform to ANSI A117.1 and UFAS requirements.
   3. Urinal stall width, 30". Conform to ANSI A117.1 and UFAS requirements.

D. Provide doors on all stalls.

2.3 HARDWARE AND ACCESSORIES:

A. Hinges: Surface mounted type, or cutout inset type adjustable to hold door open at an angle up to 90 degrees, set to hold door open 15 degrees when not occupied. Provide spring loaded, gravity type pivots, or spring action cam type to comply with manufacturer's recommendations.

B. Latch and Keeper: Recessed latch unit, with combination rubber faced door strike and keeper. Latch shall be slide type; twist type not acceptable.

C. Coat Hook and Bumper:
   1. Manufacturer's standard unit, rubber-tipped, mounted 14" below top of door.
   2. Provide additional coat hook inside handicapped type stalls.

D. Door Pull: Wire pull type required; knob type not acceptable.

2.4 ANCHORING AND FASTENING:

A. Provide anchors, bolts, and other necessary fasteners, and attach accessory units securely to walls and partitions.
B. Provide theft-resistant fasteners for all accessory mountings.

C. Provide concealed reinforcement for installation of hardware, fittings, brackets, and required accessories.

D. Provide concealed fasteners wherever possible.

E. Secure partitions to walls with a minimum of two stirrup brackets attached near top and bottom of the partitions.

F. Secure partitions to supporting walls with manufacturer's recommended anchoring devices.

2.5 FINISH:

A. Prime with baked on, rust inhibitive primer and apply two coats of baked enamel to provide 1.5 mil minimum dry film thickness.

PART 3 - EXECUTION

3.1 CLEARANCES:

A. Between Pilasters and Panels: Not more than 1/2".

B. Between Panels and Walls: Not more than 1".

END OF SECTION 10160