SECTION 10 21 13 - TOILET PARTITIONS

PART 1 – GENERAL

Toilet compartments shall be floor mounted overhead braced metal and screens shall be wall mounted metal with a baked enamel or powder-coated baked enamel finish. Ceiling mounted toilet partitions or floor to ceiling mounted, stainless steel, wood, stone, solid plastic, plastic laminate or phenolic core are to be by exception only and approved by the owner.

PART 2 - PRODUCTS

A. Steel sheets for baked enamel finish: ASTM A591, Class C, galvanized – bonderized, of following minimum thicknesses.
   1. Pilasters: 18 gage.
   2. Panels over 48": 20 gage
   3. Panels less than 48": 22 gage
   4. Doors: 20 gage

B. Concealed anchorage reinforcement: Minimum 12 gage galvanized steel sheet.

C. Concealed tapping reinforcement: Minimum 14 gage galvanized steel sheet.

D. Core material for metal partitions: Manufacturer’s standard sound deadening honeycomb core of impregnated Kraft paper, in thickness to provide finished dimension of 1 inch minimum for doors, panels and screens, 1-1/4 inch minimum for pilasters.

E. Pilaster Trim: ASTM A 167, Type 302/304 stainless steel, not less than 3 inches high, 20 gage, finished to match hardware.

F. Headrails: Manufacturer’s standard design, with a 6063-T5 aluminum etched and anodized.

G. Stirrup Brackets: Manufacturer’s standard design for attaching panels to walls and pilasters, chrome plated.

H. Hardware and Accessories: Manufacturer’s standard design, except at shower doors, heavy-duty operating hardware and accessories of chromium plated non-ferrous cast alloy.

I. Anchorage and Fasteners: Manufacturer’s standard exposed fasteners of stainless steel, chromium plated steel, or brass finished to match hardware, with theft-resistant type heads and nuts. For concealed anchors, use hot-dip galvanized, cadmium-plated, or other rust-resistant protective-coated steel.

J. Toilet accessories: Toilet paper holders to be supplied by Owner.

K. Door Dimensions: Unless otherwise indicated, furnish 24 inch wide inswinging doors for ordinary toilet stalls and 32 inch wide(clear opening) outswinging doors at accessible stalls.

L. Metal toilet partitions and screens: Pressure laminate seamless face sheets to core material and seal edges with continuous interlocking strip or with lapped and formed edges. Weld edges and corners with exposed welds ground smooth.
PART 2 – PRODUCTS (Continued)

M. Hardware: Furnish hardware for each compartment in partition system, as follows:
   1. Hinges: Cutout inset type, adjustable to hold door open at any angle up to 90 degrees. Provide gravity type, spring-action cam type, or concealed torsion rod type, to suit manufacturer’s standard.
   2. Latch and keeper: Recessed latch unit, designed for emergency access, with combination rubber-faced door strike and keeper. At accessible stalls, provide lever type latches designed for accessibility, with combination rubber faced door strike and keeper.
   3. Coat hook: Manufacturer’s standard unit, combination hook and rubber-tipped bumper, sized to prevent door hitting mounted accessories.
   4. Door pull: Manufacturer’s standard unit for out swing doors. Provide on both sides of door.

PART 3 – EXECUTION

A. Attach with concealed anchoring devices as recommended by manufacturer to suit supporting structure. Provide clearances of not more than ½ inch between pilasters and panels, and not more than 1 inch between panels and walls. Secure panels to pilasters with not less than two stirrup brackets located to align with stirrup brackets at wall. Set screen panels to provide support and to resist lateral impact.

B. Adjust and lubricate hardware for proper operation. Set hinges on inswinging doors to hold open approximately 30 degrees from closed position when unlatched. Set hinges on out swinging doors (and entrance swing doors) to return to fully closed position.

END OF SECTION