TOILET COMPARTMENTS

GENERAL INFORMATION

1.1 Unless otherwise directed by CU Facilities toilet compartments shall be floor-supported, and urinal screens shall be wall hung, with anchoring devices and accessories necessary to complete installation.

1.2 Assemblies shall be capable of sustaining normal service loads and supporting loads transmitted through grab bars without deformation, sway, or excessive vibration.

1.3 Compartments shall be anchored to building construction, transmitting vertical and lateral dead and live loads directly to structural supports and substrates capable of supporting loads, without bearing on applied finishes.

DESIGN REQUIREMENTS

2.1 Toilet Compartments shall be factory-finished stainless steel flush panel design with 58"-high partitions and doors suspended 12" above finish floor and floor-supported pilasters that finish flush with partition tops.

2.2 Panel Construction: Reinforced, welded assemblies with smooth exposed welds, faces of stretcher-leveled stainless steel, cemented under pressure to a sound-deadening honeycomb core of impregnated Kraft paper, and steel edge molds.

   a. Pilasters: 1-1/4" thick x 16 gage (min.).

   b. Partitions: 1" thick x 20 gage (min.).

   c. Doors: 1" thick x 22 gage (min.).

   d. Cutouts and Holes for Toilet Accessories: Made to template and edge-reinforced.

2.3 Hardware: Concealed, adjustable, self-lubricating gravity hinges; coat hook-bumper with rubber pad; latch, strike, and keeper. Latch bolt shall be stainless steel. Other hardware shall be chrome-plated non-ferrous metal.

2.4 Pilaster Shoes: Stainless steel, 3" high x 0.031" thick.
DESIGN REQUIREMENTS

2.5 Stirrup Brackets: Heavy gage 302/304 stainless steel or anodized aluminum or chrome-plated non-ferrous metal; 3 at each wall and panel connection.

2.6 Fasteners and Anchors: Stainless steel or nickel-chrome plated hardened steel with vandal-proof heads and nuts where exposed. Hot-dip galvanized or cadmium-plated concealed fasteners and anchors where not otherwise specified. Sex bolts for mounting hardware except coat hook-bumper.

2.7 Finishes:
   a. Exposed surfaces: Stainless steel with #4 factory finish.
   b. Exposed fasteners, hardware, and fittings not Integral with doors or pilasters: Clear satin anodized finish for aluminum; #4 finish for stainless steel; bright polished nickel-chrome plating for other non-ferrous metals.

2.8 Urinal screens shall be wall flange-supported, 1-1/4" (min.) thick panels with edge molds and continuous 4" wide, internally reinforced wall flange; of the same materials, construction, and finish specified for compartments.

2.9 Specify submission of product data, shop drawings and finish samples clearly describing proposed products.

CONSTRUCTION REQUIREMENTS

3.1 Toilet Compartment work shall be fabricated to field dimensions. Where field measurements cannot be made without delaying work, the Contractor shall provide guaranteed dimensions and coordinate work of affected trades/Sections to assure proper execution of adjoining construction.

3.2 Coordinate anchor plate installation in drywall construction.

3.3 Obtain templates and mounting data for compartment-mounted toilet accessories.

3.4 Toilet Compartment contractor shall examine Project for conditions that affect work. They shall not begin installation until unsatisfactory conditions are corrected. Beginning installation implies acceptance of conditions. Defects caused by unsatisfactory conditions or untimely installation shall be corrected at no cost to the Owner.
3.5 Erect work in a rigid and substantial manner, with all evidence of drilling, cutting and fitting concealed by finished work. Work shall be free from dents, tool marks, warp, buckle, and open joints.

3.6 Maintain a uniform clearance of 1/2" (max.) between pilasters and partitions and between pilasters and doors. Maintain a uniform clearance of 1" (max.) between pilasters and walls and between partitions and walls.

3.7 Anchorage:

a. To Concrete/Masonry: Anchor work with lead expansion sleeves and bolt/stud anchors.

b. Gypsum Board Construction: Anchor brackets to metal framing or built-in metal anchor plates with toggle bolts or other fasteners that withstand shear, gravity, and pullout loads.

3.8 When all trades have completed their work, install removable hardware such as coat hooks and latch sets.

3.9 Correct nonconforming and damaged work. Remove and replace work that cannot be satisfactorily corrected in place.

3.10 Adjust hardware and leave it in proper working order. Adjust hinges so that doors remain slightly open at a uniform angle when latch bolts are not engaged.

3.11 Polish plated and stainless steel surfaces. Clean other finished surfaces. Protect work from damage and abuse.

REFERENCE

4.1 The applicable CSI Specification Section is 10 21 13.