PART 0 A/E INSTRUCTIONS

0.01 DESIGN REQUIREMENTS

A. Provide overhead braced type partitions only.

B. Toilet partition materials preferred by DPS, in order of preference

1. Phenolic
2. Solid color reinforced composite (SCRC)
3. Metal (Elementary Schools only)

C. Use of metal toilet partitions is restricted to Elementary Schools only. Middle Schools, K-8 Schools and High Schools shall be furnished with phenolic or SCRC partitions.

D. Provide solid fire treated blocking at all points of partition attachment unless the surrounding construction is masonry.

E. All toilet partitions, hardware, etc., shall be supplied by a single manufacturer.

F. Architect shall coordinate layout with plumbing installation to assure proper clearances and drain locations.

G. Architect shall coordinate toilet accessories locations for proper ADA clearances. Refer to section 00700 regarding ADA children's requirements.

H. Architect shall ensure proper ADA clearances and mounting heights are maintained in designated stalls.

I. Provide zero sight lines when detailing partitions; pilaster-to-panel spacing shall not exceed ½". Panel-to-wall spacing shall not exceed 1".

J. Architect shall coordinate layout of partitions so that doors are not obstructed from full movement by toilet accessories and fixtures.

K. Colors: Maximum of one (1) color per room and two (2) colors for the entire project may be selected.

L. Non-ADA stalls shall be minimum 2'-8" clear inside dimensions.

M. Urinal screens

1. Confirm locations of urinal screens with the Authorities Having Jurisdiction (AHJs) and with the DPS Project Manager.
2. Provide floor-mounted pilasters at urinal screens, in addition to continuous wall brackets.

PART 1 GENERAL

1.01 SUBMITTALS

A. Shop Drawings

1. Submit detailed shop drawings for each partition area contained on the project.

B. Warranty

1. Phenolic: Guaranteed to be free of delamination, breakage, or corrosion for minimum of 15 years.
2. Solid-color reinforced composite (SCRC): Guaranteed to be free of delamination, breakage, or corrosion for minimum of 10 years.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Provide toilet partitions as manufactured by one ot the following:

1. Accurate Partitions Division of United States Gypsum.

2. AMPCO
3. Bobrick Washroom Equipment
4. Comtec Industries
5. General Partitions Manufacturing Corporation.
6. Knickerbocker Partition Corporation
7. Hadrian Partitions
8. Santana

2.02 MATERIALS

A. Solid Phenolic

1. Multiple layers of melamine resin impregnated kraft paper, and decorative surface sheet on both faces. All layers fused together under high pressure and temperature.

A. SCRC

3. Organic fibrous material and polycarbonate / phenolic resins

B. Metal

1. 20 gauge steel and doors of 22 gauge steel.
2. Panels shall have a baked enamel finish.

2.03 GENERAL MATERIALS AND FABRICATION

A. Specify minimum thicknesses of pilasters, doors, panels, and urinal screens.

B. Provide continuous wall and pilaster brackets.

C. Provide hinges that are continuous, integral, or wrap around – through bolted onto partitions.

D. Pilaster detailing shall consist of a combination of manufacturer's standard details for "floor-mounted" partition types - minimum 6” in width.

E. Pilaster door hardware shall allow for door to be partially open when unoccupied..

F. Hardware shall be stainless steel #304 satin finish throughout.

G. Shoes shall be stainless steel.

H. Hardware shall be through bolted onto panels.

I. At phenolic and SCRC partitions, toilet accessories shall be through bolted onto panels.

J. Provide pilaster shoes, brackets, anchorages, fasteners, latches, pulls, hinges, coat hooks, bumpers, and all miscellaneous hardware necessary for a complete and secure assembly.

K. Provide vandal proof wall and floor mounting hardware.

L. Provide security latches on stalls.

M. Provide pulls for each side of handicapped stall doors.

N. Overhead rail shall be of anti-grip type design.

PART 3 EXECUTION

3.01 INSTALLATION/APPLICATION/ERECTION

A. Secure floor supports with two (2) or more expansion anchors (no lead, plastic or fiber).

B. Wall Anchorage devices

1. Masonry - metal expansion type screws (no plastic, lead, or fiber shall be used)
2. Drywall- metal wood screws

C. All holes provided by the manufacturer shall be used with mounting anchoring.

3.02 SPARE PARTS

A. Hinges - one complete set for every 5 stalls.

B. Screws and bolts - one complete set for every 5 stalls.

C. Latches and strikes - one set for every 5 stalls

D. Six sets of security tools.

END OF SECTION 10160