PART 0 DESIGN STANDARDS

0.01 GENERAL DESIGN GUIDELINES

A. Colors and patterns
   1. Minimize complex patterns requiring acute angles and curves.
   2. Use a maximum of 10 colors at a given building.
   3. Specify manufacturer's standard colors unless otherwise approved by the DPS Project Manager.
   4. Trim accessory colors shall be limited to black, brown or dark bronze.
   5. Refer to DPS Finish Standards.

B. Specify chemical-resistant resilient flooring where flooring may be exposed to chemicals.

C. Coordinate adhesive with substrate materials and coatings.

D. Specify remedial substrate treatment for renovation and retrofit projects.

E. Sheet products shall not be used.

F. Slip resistant resilient flooring
   1. Coordinate with the DPS Project Manager for locations where slip resistant flooring may be required.
   2. Non abrasive only
   3. Select for easy cleaning.
   4. Areas may include, but not limited to, ramps, vestibules, stair treads, stair and ramp landings.

G. Avoid short returns on base outside corners (for example where walls are thicker than frames at CMU radius bullnose conditions) for maintaining proper adhesion. Coordinate hollow metal details to provide frames which extend beyond wall surfaces to avoid short returns.

H. For flooring retrofit projects, coordinate removal and reinstallation of furniture and equipment with the scope of the construction contract. Under no circumstances will the custodial staff be allowed to move furniture and equipment for construction purposes. Moving and staging of furniture and equipment will be accomplished by outside vendors or will be included under the general construction contract.

I. Coordinate moisture and alkalinity testing requirements with other design and specification requirements.

PART 1 GENERAL

1.01 QUALITY ASSURANCE

A. Provide all resilient flooring and accessories from a single souce .

1.02 SUBMITTALS

A. Record finish schedule including material and color designations

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS:

A. Vinyl composition tile
   1. Armstrong
   2. Tarkett
   3. Mannington

B. Rubber tile

1. Eco –surfaces
2. Endura

C. Trim accessories

1. Armstrong
2. AFCO
3. Johnsonite
4. Musson Rubber
5. Roppe

2.02 MATERIALS

A. Tile

1. Vinyl composition tile: 12”x 12”
2. Rubber tile: 18 “x 18”
3. Minimum tile thickness: 1/8”
4. Pattern and color must extend the full thickness of tile
5. Provide tile coming from the same dye lots for the entire project.

B. Wall base

1. Material: Rubber only (vinyl prohibited)
2. Topset cove
3. Flat base is prohibited.
4. 4 inch high
5. 90 degree outside corners shall use pre-formed corner pieces.

C. Stair treads, risers, and nosings

1. Material: Rubber only (vinyl prohibited)
2. Provide one piece nosing and treads
3. Abrasive edge nosings are prohibited.

D. Edge, transition, and reducer strips

1. Material: Metal and/or rubber
2. Minimum 1“ wide

E. Adhesive Compounds

1. Cement or adhesive of types recommended by flooring manufacturers to suit material and substrate condition.
2. Use asphaltic type adhesives for concrete substrates.
3. Concrete Slab Primer: Non-staining type as recommended by flooring manufacturer.
4. Leveling Compound: Latex type which can be feather edged, as recommended by flooring manufacturer.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install patterned tile in alternating directions.

B. Use a 'V' notched trowels. Caulk gun adhesive installation is prohibited.

C. Installer shall provide a moisture and PH test, one teach per each 1,000 square feet of flooring. Record results and locations and provide a written report prior to the start of installation.

D. Provide ventilation before, during, and after installation to provide a relative humidity of 40%.

E. Roll floor with a 75 lb. weight same day as installation.

F. Minimum linear dimension of any section of cove base: 2'-0"

G. At exposed ends of cove base, cut bottom of exposed toe back at 45 degrees.

3.02 MAINTENANCE MATERIALS

H. Provide a minimum of 1 box or 2% of the total material, whichever is greater, of same dye lot for each type and color installed.

A. Provide a minimum of 10 linear feet of each tile accessory for each color used, including stair treads, except provide a minimum of 50 linear feet of cove base.

END OF SECTION 09650