

DIVISION 10 - SPECIALTIES

SECTION 101100 - VISUAL DISPLAY UNITS

1. Where required by the project program, A/E shall specify the following:
 - 1.1. Markerboards: Markerboards shall be constructed of white vitreous porcelain enamel on steel face. The face sheet shall be 28 gauges for boards up to 5 feet by 12 feet; 24 gauge for larger units and movable sliding panels. The core shall be 1/2-inch particleboard with a moisture-retardant barrier.
 - 1.2. Porcelain Chalkboards: Porcelain chalkboards shall be constructed of vitreous porcelain enamel on 22 gauge (.029 inch) low-carbon enameling grade steel or equivalent aluminized stretcher-leveled 24 gauge (.024 inch) steel with primer, ground coat and cover coats fused individually. Coat concealed faces with primer and ground coats. Core materials must be dimensionally stable with a minimum thickness of 7/16 inch, and backed with 28-gauge aluminum or 24-gauge coated steel sheet. Provide aluminum snap-on trim with concealed fasteners and appropriate accessories by the chalkboard manufacturer. Provide similar construction for dry-erase boards if required by project program.
 - 1.3. Natural Slate Chalkboards: Resurfaced natural black slate chalkboards are acceptable, and in some programmed areas are greatly desired. Provide resurfaced slate materials with a minimum thickness of 1/4 inch. Slate materials must be uniform in color, and free of tooling marks, pits, chipping, scratches, stains, dyes or other artificial coloring of a permanent nature. Provide milled hardwood or aluminum snap-on trim with concealed fasteners and appropriate accessories by the chalkboard manufacturer.
 - 1.4. Trim: Trim shall be constructed of extruded, anodized aluminum with concealed attachment. Trim for classroom spaces shall include a chalk tray at the sill with a cast aluminum end to prevent splashing of cleaning fluid onto walls. Install tackboard strip the full length of the markerboard or chalkboard. Wood trim may be substituted where appropriate. Boards up to 5 feet by 12 feet shall be pre-framed. Larger units shall be wall-mounted with snap-on or slip-on trim.
 - 1.5. Tackboard: Tackboards shall be constructed of 1/4-inch natural cork with fabric back. Include aluminum or wood face trim.

SECTION 101500 SIGNAGE

Standardization: The University has standardized its signage and graphics systems. Refer to Division 13 00 60 – Special Construction – Signage and Graphics.

SECTION 102100 COMPARTMENTS AND CUBICLES

1. Where required by the project program, A/E shall specify the following:
 - 1.1. Plastic laminate faced compartments are prohibited.
 - 1.2. Compartment Types:
 - 1.2.1. Toilet and shower facilities that are accessible to students or the public shall have ceiling-supported or overhead-braced floor-supported toilet compartments.
 - 1.2.2. Small screens shall be wall-supported if adequately structured.
 - 1.3. Materials and finishes shall be selected for high resistance to corrosion and abuse. The finish quality of metal partition panels shall be no less than powder-coated enamel with a minimum thickness of 1.7 mil.; or all stainless steel; or Solid-Plastic Polymer Resin; or high-density polyethylene (HDPE) with homogenous color throughout. Provide material not less than 1 inch thick with seamless construction and eased edges.

- 1.4. Color and Pattern: One color and pattern in each room as selected by Architect from manufacturer's full range of colors and patterns.
- 1.5. Panels and Doors: Panel and door thickness shall not be less than 1 inch. Metal partition cores shall be impregnated with water-resistant resins. Metal partition panel face sheets shall be no less than 0.032 +/- 0.002-inch galvanized steel sheet, stretcher-leveled. The sheets also shall be bonded under pressure to the core with a non-toxic adhesive.
- 1.6. Pilasters: Pilaster thickness shall be no less than 1-1/4 inches.
- 1.7. Hardware: Hardware shall be stainless steel or chrome-plated brass. Stainless steel shall be specified where high abuse, high humidity or caustic environmental conditions is expected.
- 1.8. Hinges: Specify gravity hinges, combination strike and keeper, slide bar latch, coat hook and bumper for each door. Hardware shall be attached with tamper-resistant stainless steel screws.
- 1.9. Latch: The latch shall allow for emergency access.
- 1.10. Screens: Screens shall have full height support brackets for wall anchorage.
- 1.11. Provide a stainless steel, wall-mounted, folding bookshelf in toilet rooms.