STATEMENT OF PURPOSE & BACKGROUND

- **Scope:**
  - Field applied visual display surfaces – markerboards, tackboards, and visual display rails.
- **Statement of goals:**
  - Provide a consistent, high quality visual display surface system that is functional and aesthetic:
    - Is durable, safe, and secure.
    - Reduce operating and replacement costs.
- **Revision history of section:**
  - 03/19/13
  - 10/17/15
  - 01/11/19
  - 12/28/2023 (Added Marker Wall product)

SELECTION AND APPLICATION CRITERIA

<table>
<thead>
<tr>
<th>Application</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing wood framed chalkboard/tackboard</td>
<td>Custom-sized per installation. Aluminum framed whiteboard with no marker tray. Whiteboard to be sized within 1/8&quot; of existing wood trim.</td>
</tr>
<tr>
<td>Existing metal framed chalkboard/tackboard</td>
<td>Remove and replace with new whiteboard. Whiteboard to cover all wall repair needed from removal of old unit. Sizes to be determined.</td>
</tr>
<tr>
<td>Existing or new wall</td>
<td>New whiteboard, 4’ x 8’ typical, but up to 16’ length may be utilized where required. 5’ high units may be specified in specific locations.</td>
</tr>
<tr>
<td>Tack Boards</td>
<td>Aluminum framed cork, 4’ x 4’ or as specified.</td>
</tr>
<tr>
<td>Display Rail for walls</td>
<td>Aluminum framed cork rail.</td>
</tr>
</tbody>
</table>

OUTLINE SPECIFICATION

- **Part 1 General**
  - Extra Materials
    - Contractor to not supply any additional attic stock unless directed otherwise by Owner.
- **Part 2 Products**
  - Equivalent manufacturers approved, in writing, in advance, by the Architect, may be substituted in accordance with the provisions of the Contract.
  - Acceptable Manufacturers
    - Visual Display Surfaces:
      - Addendum Ten Company
      - Claridge Products and Equipment, Inc.
      - W. E. Neal Slate Company
Materials For Visual Display Surfaces

Marker Board:
- Writing Surface Face Sheet
  - Up to 4 feet high and 16 feet long: One piece 28 gauge minimum enameling steel with porcelain/ceramic finish fused to steel sheet; finish to be Type A acid resistant.
  - Up to 5 feet high and 16 feet long: One piece 24 gauge minimum enameling steel with porcelain/ceramic finish fused to steel sheet; finish to be Type A acid resistant.
  - Low or reduced gloss white finish; no substitution of finish allowed. Finish to be optimized for projection surface and durability according to manufacturer.
  - No seams in marker board surfaces used for projection.
  - Provide marker board with music staff lines at music/band/choral rooms in sizes as specified and/or shown on drawings.
- Writing Surface Core Material
  - Up to 4 feet high and 16 feet long: minimum ½” gypsum core with .001 aluminum foil moisture barrier back.
  - Up to 5 feet high and 16 feet long: minimum ½” particle board core with .015” aluminum sheet moisture barrier back.
  - At Projection surfaces: minimum ½” MDF core. Boards for projection to be mounted with continuous horizontal Z-bar hangers to prevent warpage or distortion of boards.
    - Do not provide cork tack strip or map rail on marker boards used for projection as they obstruct the projected image.
- Assembly
  - All components to be pressure laminated with waterproof laminating adhesive.

Tack Board:
- Natural Cork Face Sheet
  - Seamless, single-layer, self-sealing, ¼” compressed fine-grain natural cork sheet; bulletin quality, and face sanded for natural finish and laminated to 3/8” fiberboard or other low density panel.
  - Minimum thickness as needed to provide composite panel with 5/8” overall thickness.
  - Size: height to be 4 feet typical, up to 16 feet wide in length without a joint.
- Assembly
  - All components to be pressure laminated with waterproof laminating adhesive.

Extruded Aluminum Frames and Trim:
- Extruded Aluminum
  - Frames and Trim shall be 6063 alloy grade aluminum and fabricated from not less than 0.062 inch (1.57 mm) thick extruded aluminum with clear anodic finish, 0.010 mm
  - Fabricate units straight and of single lengths, keeping joints to a minimum. Miter corners to a neat, hairline closure.
• Markerboard and Tackboard Accessories:
  • Marker Tray
    o Standard continuous, hollow, box type extruded aluminum with slanted front, grooved tray and end closers at bottom of each markerboard unit; (or)
    o Standard continuous, solid, blade-type extruded aluminum with ribbed section, and end closers at bottom of each markerboard unit.
  • Omit marker tray at installations applied over existing display boards with existing trays, and at installations within gymnasiums, cafeterias, and other specific locations per District direction.
  • Map and Display Rails
    o Standard continuous cork insert, one or two inches wide, with end stops located at each end of display rail.
    o Display rail locations in classrooms, corridors and other areas to be determined on a project by project basis with SPPS Project Manager and School and District staff.
    o Do not provide cork tack strip or map rail on marker boards used for projection as they obstruct the projected image.
    o One map hook and flexible metal clip for every 2 lineal feet of map rail or fraction thereof located in classrooms.
    o One flag holder per classroom.
    o Clamping action extruded aluminum paper holder.
    o Omit rail accessories and allow space for using existing accessories when installing over existing chalkboards.

  • Marker Wall
    o Basis of Design; Clairidge ‘Wall Write’ Marker Wall. Size and location as indicated.

• Part 3 Execution
  o Per Consultant / or manufacturer specification.
  o All display boards, tack boards and marker boards shall be factory-built units ready for assembly and installation.
  o Typical mounting heights:
    ▪ For Pre-K, K, and grades 1-3: mount bottom of 4 foot high marker boards and tack boards at 30 inches AFF. Mount bottom of 5 foot high marker boards at 24 inches AFF.
    ▪ For grades 4 and up, and locations such as conference rooms, staff lounges, cafeterias, gymnasiums and other adult-use spaces: mount bottom of 4 foot high marker boards and tack boards at 36 inches AFF.
    ▪ At all locations using 5 foot high marker boards, mount bottom of boards at 24 inches AFF.
  ▪ Mounting heights may vary from these heights if discussed with SPPS Project Manager.
  ▪ Display rails: verify sizes, quantities, locations and mounting heights with SPPS Project Manager.

End of Section