PART 1 - GENERAL

1.1 SUMMARY

A. Products Installed But Not Supplied Under This Section:
   1. Markerboard units: Visual Display Board Type 3.

B. Related Sections:
   1. Section 01 6000: Owner will furnish Markerboards. PART 2 of this Section establishes quality of materials for information of Contractor, Architect, and Owner's Representatives.
   2. Section 06 1100: Blocking.

1.2 REFERENCES

A. Porcelain Enamel Institute:
   1. PEI S-104.

1.3 SUBMITTALS

A. Product Data:
   1. Manufacturer's literature or cut sheet.

B. Quality Assurance / Control: Manufacturer's written installation instructions.

1.4 WARRANTY

A. Letter from Manufacturer certifying Contract Documents have been complied with and guarantee against faulty workmanship and materials for five years.

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS

A. Markerboard:
   1. Face shall be steel, 28 ga 0.4 mm minimum, coated two sides with fused ground coat, and finished one side with vitreous porcelain enamel designed for use with markers. Coating shall meet requirements of PEI S-104.
   2. Core shall be mat-formed particleboard.
      a. 3/8 inch 10 mm thick medium-density.
      b. 1/2 inch 12 mm thick low-density minimum.
   3. Backing shall be 0.005 inch 0.13 mm minimum aluminum foil.
   4. Color white.
   5. Trim:
      a. Extruded 6063-T5 alloy aluminum with satin etched, natural aluminum anodized finish.
      b. Extrusions shall match thickness of units without wedging.
      c. Round all sharp edges.
d. 2 inch 50 mm high map rail.

6. Trays:
   a. Provide 2 inch 50 mm radius rounded ends on marker trays.
   b. Marker trays with squared, sharp ends are not acceptable.

7. Map Clips:
   a. Manufacturer's standard.
   b. Provide two map clips on markerboards.

8. Mounting Hardware: Suitable for wall conditions

9. Category Two Approved Manufacturer. See Section 01 6000 for definitions of Categories.

2.2  FABRICATION

   A. Prefabricate units at factory and ship to jobsite in one piece, except for marker trays. Units shall be of
      first quality and lamination done by approved standards of industry. Furnish printed cleaning
      instructions with each shipment.

PART 3 - EXECUTION

3.1 INSTALLATION

   A. Mount boards square and level. Shim as necessary to provide permanent installation and smooth
      operation. Anchor boards securely to wall following Manufacturer’s printed installation instructions.
      Anchor concealed hangers with screws at 24 inches on center.

   B. Mounting fasteners shall penetrate framing lumber or blocking 1-1/2 inch 38 mm minimum. Use toggle
      bolts or expansion bolts in masonry walls.

   C. After attaching map clips, apply permanently attached end cap or screw to prevent removal of map
      clips.

END OF SECTION