

SECTION 10400

IDENTIFYING DEVICES

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes: Labor and materials required for installation of plaque, school name and address numbers, directional signage, signage for classrooms, buildings, traffic control, parking, emergency exits, fire system and warning information, elevators, toilet rooms, and capacity signs and obstruction warnings.

1.02 SUBMITTALS

- A. Submit properly identified manufacturer's literature before starting work.
- B. Shop Drawings:
 - 1. Submit a full scale shop drawing or "rub" of plaque, for approval, before casting.
 - 2. Submit a shop drawing of school name and address numbers for approval.
- C. A list of laminated signs for room and area numbers and names will be furnished by the Board.
- D. Samples: Submit 3 samples of laminated signs to A/E for approval before fabrication. Approved samples may be used in work.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Dedication Plaque:
 - 1. Material:(Aluminum) (Bronze).
 - 2. Size: 14 inches x 20 inches high.
 - 3. Text: As indicated, with modern block letters.
 - 4. Finish: Stippled background with polished letters.
 - 5. Manufacturer's approved fasteners for concealed mounting.

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6. Manufacturers:
 - a. A.R.K. Ramos.
 - b. Gemini Inc.
 - c. Sheidow Bronze Corp.

B. School Name and Numbers for Address, Cast Aluminum Letters:

1. Material: Cast aluminum, alloy 214.
2. Style: Helvetica Medium.
3. Finish: Satin aluminum with clear lacquer spray coating.
4. Sizes:
 - a. 18" to 24" letters, 1/4" thick, for school name, approximately _____ required.
 - b. 10" numbers, 1/4" thick, for address, approximately (3) (4) (5) required.
5. Manufacturers:
 - a. A.R.K. Ramos.
 - b. Gemini Inc.
 - c. Sheidow Bronze Corp.

C. Raised Image Laminated Signs:

1. Comply with Florida Building Code (FBC) for accessibility requirements.
2. 1/8" thick minimum plastic laminated material with 0.008" thick minimum plastic face layer, of sizes, quantity, colors, with raised numbers, letters, Braille, or symbols as indicated on Drawings or as specified in this section for accessible signage, room identification, and life safety signage. Tape applied or glued raised text, braille, or symbols are not allowed.
 - a. Manufacturers:
 - 1) Andco Industries Corp., Greensboro, NC.
 - 2) ASE (Architectural Signs and Engraving) Inc., Orofino, ID.
 - 3) Best Sign Systems, Montrose, CO.
 - 4) Industrial Frames, Inc., Miami, FL.
 - 5) Mohawk, Schenectady, NY.

3. 1/32" Raised Images:
 - a. Letters: Size, according to Drawings or 1 inch high, Helvetica medium.
 - b. Numbers: Size according to Drawings or 1 inch high Helvetica medium.
 - c. Braille: Grade II. Adhered labels are not allowed.
 - d. Symbols: Use Braille, letters, numbers, and Group One symbols sized per requirements of standard spacing.

4. Sizes:
 - a. Accessible Signage, Room Identification, and Life Safety Signage: 1-3/4" wide by length required or as custom designed.
 - b. Symbol Signage: 9 inches x 9 inches or as custom designed.
 - c. Directional Signage: 9 inches x 9 inches or as custom designed.

5. Mountings:
 - a. Mount using tamperproof screws, shields, and double face tape or adhesives to hold signage in place.

6. Colors:
 - a. Black background for sign face and Braille and white raised text or symbols for the following:
 - 1) Assembly and Non-instructional Spaces:
 - a) Interior/exterior signage for room names and room numbers, as scheduled on drawings.
 - b) Minimum one room name/number/Braille sign per each main entrance door.
 - c) Room descriptions average 10 letters.
 - d) Provide room numbers and Braille only at secondary or exit doors of these spaces.

 - 2) Classrooms and Labs:
 - a) Interior/exterior signage for room names and room numbers, as scheduled on drawings.
 - b) Minimum one room name/room number/Braille sign per each entrance.

- c) Provide room numbers and Braille only at secondary or exit doors of these spaces.
- 3) Toilets/restrooms: One sign minimum at each entrance.
- 4) Specialty Use Rooms: One name/number sign minimum at each entrance door.
- 5) Specialty description as required or as indicated on drawings.
- 6) Accessible egress signage.
- 7) Directional accessibility signage for the disabled at the following locations as required or as indicated on drawings:
 - a) At inaccessible facility entrances and along the route indicating the route to accessible facility entrances.
 - b) At entrances to inaccessible toilet and bathing facilities and along the route indicating the route to the accessible entrances of accessible toilet and bathing facilities.
- 8) Directional signage at the following locations as required or as indicated on drawings:
 - a) At building entrances indicating to administration area and with "ALL VISITORS TO REPORT TO ADMINISTRATION".
 - b) At corridors indicating direction to specific room numbers or subject areas.

NOTE TO SPECIFIER: Provide one directional sign for every 5,000 square feet of project including necessary accessories.

- c) Number of signs _____ .
- b. Red background for sign face and Braille, with white raised text or symbols for the following:
 - 1) "FIRE EXTINGUISHER INSIDE" at each main door of a room containing a fire extinguisher.
 - 2) "FIRE ALARM PULL STATION INSIDE" at each main door of a room containing a pull station.
 - 3) "EMERGENCY EGRESS - KEEP AREA CLEAR" at

emergency egress openings and not readily identifiable secondary egress doors.

- 4) "EMERGENCY RESCUE - KEEP AREA CLEAR" at emergency rescue openings.
- 5) "ELEVATOR EMERGENCY" adjacent to exterior alarm bell.
- 6) "STORAGE NOT PERMITTED" at mechanical, electrical, and kiln rooms.
- 7) "IN CASE OF FIRE DO NOT USE ELEVATOR. USE STAIRWAYS" at elevator hall call stations.
- 8) Occupancy load signs for spaces with 50 or more occupants.
- 9) "NO SMOKING" as indicated on Drawings and specified in this section.

D. Evacuation Signage.

1. Metal frames with safety glazing to receive an 8-1/2" x 11" floor plan, provided by the A/E, showing the primary and secondary evacuation routes from each space with an occupant load of 6 or more and not having a door opening directly to the exterior.
2. Number of Frames _____ .
3. Frame Color _____ .

E. Traffic Signage.

1. Comply with Florida Department of Transportation requirements for signage as indicated on Drawings.
2. The use of aluminum components is not allowed.

F. Obstruction Warnings:

1. Comply with FBC for potential hazards.
2. Padding with Colored Striping for TV Brackets Below 6'8": TV Mount Safety Bumpers by Universal Seating Co., Jacksonville, FL.

PART 3 EXECUTION

3.01 INSPECTION

- A. Do not proceed with the work of this section until conditions detrimental to the proper and timely completion of the work have been corrected in an acceptable manner.

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3.02 INSTALLATION

- A. Erect plaque to wall with concealed mounting where directed by A/E.
- B. Mount school name and address cast aluminum letters where indicated by A/E via threaded pins in drilled holes with mastic cement, and 1/2" diameter aluminum tube spacers.
- C. Mounting of Laminate Plastic Signs:
 - 1. Mount laminated signs with centerlines at 3'-6" and 5'-0" above finish floor according to FBC and as indicated on drawings with tamperproof fasteners and predrilled holes and double face tape or adhesives.
 - 2. Signage shall be left clean and without any rough edges. Signage shall be left without any defects concerning installation from plumb and level, concerning material quality or any other discrepancy in mounting.
- D. Obstruction Warnings: Apply padding to exposed lower edges and corners with screws at 6 inches on center and double stick tape. Use rabbeted joints at corners of padding strips. Cover exposed padding with warning tape.

END OF SECTION