
SECTION 10440 - IDENTIFYING DEVICES

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes:

1. Informational symbol and directional laminated plastic signs (interior and exterior), including:
 - a. Toilets and Restrooms: One ADA sign minimum for each entrance door.
 - b. Specialty use rooms: One sign minimum for each entrance door.
 - c. Specialty Description or Directional: As required.
 - d. Mechanical Equipment Rooms, Janitor Closets, Pump Rooms, etc.
 - e. Stairways.
 - f. Elevators.
2. Laminated plastic signs, interior and exterior, for room names or descriptions, and room numbers. Minimum 1 room number sign for each entrance door on all rooms listed on the finish schedule. Room names average 10 letters, one for each main entrance to the space.
3. Laminated plastic signage for fire alarm and control systems and equipment, and accessory requirements, interior and exterior, including:
 - a. Warning signs in accordance with requirements of NFPA. Provide 6 signs with capacity for an average of 20 characters 1-1/2" high, in 2 lines.
4. No smoking signs, where directed. Provide 7 signs.
5. Building Address Number.

1.02 REFERENCE STANDARDS

- A. Except as otherwise specified herein or shown on the Drawings, comply with the latest editions of all applicable codes and regulations including the applicable requirements of the following Reference Standards and Codes which are hereby made a part of this Section, as they relate to the identifying devices.
1. BOCA Building Code, latest Edition.
 2. The Occupational Health and Safety Administration (OSHA) Code of Federal Regulations(CFR), Volume 29.
 3. ADA Accessibility Guidelines, latest edition.
 4. ANSI 117.1, latest edition - Specifications for Making Buildings and Facilities Accessible To, and Usable By, the Physically Handicapped.
 5. ANSI Z53.1, latest edition - Color Code for Safety Markings.

1.03 QUALITY ASSURANCE

- A. Fabricator qualifications: It is desirable that the fabricator for work of this Section have in-house, the broad knowledge, diverse shop and field experience, flexibility, coordinating ability, skilled craftsmen, and physical plant necessary to produce quality products equivalent to or better than similar type products in use at this facility.
 - 1. Submit qualifying data to Resident for approval.
- B. Comply with the following:
 - 1. Military Spec. P7789A – Surface Endurance and Scratch Resistance, Thermal Shock, Humidity Impact.
 - 2. Mil. Std. 202B (Method 101A) – Salt Spray.
 - 3. Fed. Test Method, Std. 141 Method 6152 (Accelerated Weathering).

1.04 SUBMITTALS

- A. Manufacturer's literature for review before commencing work.
 - 1. Schedule of laminated plastic signs, room and area numbers and names, based on information furnished by Owner, the Finish Schedule, and the Sign Schedule in the Drawings.
- B. Samples: Submit 3 samples of laminated plastic signs to the Resident for acceptance prior to fabrication. Accepted samples may be used in work. Provide full section of:
 - 1. Engraved letter sizes and styles.
 - 2. Colors and finishes of exposed materials.
- C. Shop Drawings: Submit shop drawings showing design, fabrication and erection of each type of sign including:
 - 1. Details assembly and material application.
 - 2. Artwork showing size, color, proportion and location of each type of sign against its background surface and height above floor.
- D. Sign Schedule: In submitting shop drawings for review, provide all interior and exterior sign types. Sign design, sizes and texts shall be finalized on shop drawings prior to fabrication. Schedule shall indicate:
 - 1. All Rooms listed on the finish schedule.
 - 2. Door sign as needed to equip each door with signage as needed for legibility and good appearance.
 - 3. Door side.

4. Signage configuration with dimensions.
 5. Signage text, art designs, and logos.
 6. Letter styles, colors, texture and other necessary information as may be needed by the Resident.
- E. Quality Assurance: Drawings shall indicate coordination with other trades affected, showing method of installation not compromising systems integrity.

1.05 WARRANTY

- A. Warrant all work against failure because of faulty materials, workmanship, and design for a period of Five (5) years from date of substantial completion.
- B. Fading, cracking, warping, peeling, delaminating, rusting, corroding, and structural failure, including distortion by whatever cause, shall be construed to mean failure because of faulty materials and workmanship.
- C. Failures during the warranty period shall be repaired or replaced to the satisfaction of the Owner.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. The specifications in this Section are based on signs as manufactured by Desk and Door Name Plate Company, and are intended as a guide. Equivalent signs of other manufacturers which meet requirements of the Drawings and this Section will be considered following application submitted to Resident for approval.
- B. Equivalent products of other manufacturers which meet the requirements of the Drawings and this Section may be provided if approved by Resident.

2.02 GENERAL

- A. Fabricate signs of size and thickness indicated. Precision engrave or silkscreen required letters, numbers and figures with uniform margins, in letter style Helvetica Medium, all caps.

2.03 ENGRAVED LAMINATED PLASTIC SIGNS

- A. Precision milled, 1/8 inch thick beveled edged laminated plastic engraving stock consisting of two-ply of 1/16 inch plastic with colors, numbers and letters engraved through the colored face ply to show blue characters, and with raised Braille text to identify the sign in compliance with ADA Accessibility Guidelines.

1. Background Color and Letter Color: Sign face or exterior surface of engraving stock

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- to be of colors as specified by the Resident and approved by the Owner.
2. Engraving:
 - a. Letters and Numerals: 1 inch high unless otherwise specified, Helvetica medium all caps.
 - b. Symbols: Group one symbols, sized per requirements of standard spacing.
 3. Sizes:
 - a. Room Name, Description and Room Number: 1-3/4 inches wide by length required.
 - b. Symbols signs: 9 inches x 9 inches.
- B. Mountings or Frames:
1. Room Name, Description and Room Numbers: Mount in single window extruded aluminum frame using tamperproof screws to hold signage and frame in place. Frame ends and edges ground smooth and finished.
 2. Symbol signage extruded aluminum frame using tamperproof screws to hold signage and frame in place.

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.

3.02 INSTALLATION

- A. Install sign units and components at locations shown or scheduled, securely mounted with concealed theft-resistant fasteners or weatherproof adhesive as approved by Resident. Attach signs to substrates in accordance with manufacturer's instructions.
- B. Install level, plum, and at proper height according to approved shop drawings. Cooperate with other trades for installation of sign units to finish surfaces. Repair or replace damaged units as directed by Resident.
- C. Mounting Heights and Locations for Laminated Plastic Signs:
1. Informational, Symbol, and Directional Signs: 5'-0" above finish floor, adjacent to room being identified, using tamperproof fasteners both sign and frames.
 2. Room Names, Descriptions and Room Numbers: Installed on wall adjacent to the latch side of the door. Where there is no wall space to the latch side of the door, place signs on the nearest adjacent wall. Mounting height shall be 60" above finish

floor to the centerline. Mounting location for such signage shall be such that a person may approach within 3" of the sign without encountering protruding objects or standing within the swing of the door.

3. No Smoking Signs: 5'-0" above finish floor.

3.03 CLEANING AND ADJUSTMENT

- A. Leave signage and frames clean and without any rough edges or defective mounting, plumb and level.

END OF SECTION