

**SECTION 10 14 00.02
INTERIOR SIGNAGE**

PART 1 - GENERAL

1.01 GENERAL REQUIREMENTS

- A. The Contractor is referred to the Instructions to Bidders and General Conditions, NYCHA Contracts; the Special Notice to Contractors; the Form of Proposal; the Form of Bid Bond; Division 01 - General Requirements of the Contract Specifications; the Contract Drawings and all Amendments and Addenda thereto; all of which govern the Work of this Section.

1.02 SCOPE OF WORK

- A. The Work of this Section includes all labor, materials, equipment and services necessary to complete interior signage work installation as indicated on the Drawings and/or specified herein including.

1.03 RELATED WORK

- A. The following Sections/Divisions relate to the Work of this Section:
 - 1. Section 08 11 13 – Hollow Metal Doors and Frames
 - 2. Section 09 29 16 – Gypsum Board Assemblies

1.04 SUBMITTALS

- A. See Division 01, Section 01 33 00 - Submittal Procedures
- B. Show sign mounting heights, locations of signs and manufacturer's technical data, and installation details.
- C. Provide message list, types, styles and sizes, graphic elements (including tactile elements and Braille) and layout for each sign type.

1.05 WORK STANDARDS

- A. Source Limitations for signs: Obtain each sign type indicated from one source from a single manufacturer.
- B. Regulatory Requirements: Comply with applicable provisions of the Uniform Federal Accessibility Standards (UFAS) and ICC / ANSI A117.1 latest edition.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Include one of the following or equal:
 - 1. Matthews International Corporation
 - 2. Mohawk Sign Systems
 - 3. ASI Signage Innovations

2.02 MATERIALS

- A. Interior signage material shall be of one of the following or equal:
 - 1. Fiberglass sheet: Molded, seamless, thermosetting, glass-fiber-reinforced polyester panels.
 - 2. Acrylic Sheet: ASTM D4802, Category A – 1 (cell-cast sheet).
 - 3. Polycarbonate Sheet: of thickness indicated, manufactured by extrusion process, coated on both surfaces with abrasion resistant coating.
 - 4. Applied vinyl: Die-cut characters from vinyl film of nominal thickness of 3 mils 0 inch with pressure-sensitive adhesive backing.
- B. Signage shall be approximately 1/8" thick with contrasting core color. The material shall be non-static, fire retardant and self-extinguishing, and be impervious to most acids, solvents, abrasives and boiling water.

2.03 GRAPHIC PROCESS

- A. Interior Signage shall have the following Dimensional characteristics:

1. Character proportion: Letters and numbers on signs shall have a width-to-height ratio between 3:5 and 1:1 and a stroke width-to-height ratio between 1:5 and 1:10.
2. Color Contrast: Characters and symbols shall contrast with their background – dark characters on a light grey background.
3. Raised or indented characters or symbols: Letters, numbers and symbols on signs shall be raised or incised 1/32" (0.8mm) minimum and shall be sans serif characters. Raised characters or symbols shall be at least 5/8" (16mm) high, but no higher than 2 inches. Indented characters or symbols shall have a stroke width of at least 1/4 " 0.24 inch.
4. Symbols of Accessibility: Accessible facilities required to be identified as such shall use the international symbol of accessibility.
5. Glue-on letters or etched back letters are not acceptable.
6. All text shall be accompanied by Grade 2 Braille. Braille shall be separated 1/2" from the corresponding characters or symbols. Grade 2 Braille translation to be provided by signage manufacturer.

2.04 SIZE OF LETTERS AND NUMBERS FOR INTERIOR SIGNAGE SHALL BE AS FOLLOWS:

- A. Lettering for room ID shall be 3/4".
- B. Symbol size shall be 4".

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine substrates, areas, and conditions, with installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
- B. Verify that items, including anchoring hardware are sized and located to properly accommodate the signs.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 SIGNAGE

- A. Provide Room / Space / Door signage with the following attributes, options and exceptions.
- B. Size shall be 6" x 6" minimum.
- C. Provide the following sign types:
 1. Sign Type A – With permanent message.
 2. Sign Type B – With Permanent message; Men/Women
 3. Sign Type C – With Permanent message; universal accessibility symbol.
 4. Sign Type D - Pre-printed, "Electrical Closet – Danger High Voltage".

3.03 INSTALLATION

- A. Mounting Location and Height, unless noted otherwise: Signage shall be located alongside the door on the latch side and shall be mounted at a height of 48 inch. (to top of Braille) above the finished floor. Locate to allow approach within 3 inches of sign without encountering protruding objects. The distance between the door frame and sign shall be 2 inches.
- B. Install signs level, plumb, and at height indicated, with sign surfaces free of distortion and other defects in appearance.

3.04 SCHEDULE

- A. INTERIOR SIGNAGE SCHEDULE
 1. ROOM NAME SIGN TYPE REMARKS
 2. KITCHEN A PLACE NEXT TO DOOR
- B. MEN B PLACE NEXT TO DOOR
 1. WOMEN B PLACE NEXT TO DOOR
 2. Janitor Closet D PLACE ON DOOR

3.05 MOUNTING

- A. Signs shall be mounted using: spanner head screws and adhesive into metal, adhesive onto drywall, or attachment to substrate as recommended in writing by sign manufacturer.

3.06 CLEANING AND PROTECTION

- A. After installation, clean soiled sign surfaces according to manufacturer's written Instructions. Protect signs from damage until acceptance by NYCHA.

END OF SECTION 10 14 00.02