

SECTION 10420 - SIGNAGE AND GRAPHICS

PART 1 – GENERAL

1.1 Related Documents

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 Summary

A. This Section includes the following interior and exterior signage:

1. Interior architectural signage.
2. Signage accessories.

1.3 Submittals

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of sign.

B. Shop Drawings: Include plans, elevations, and large-scale sections of typical members and other components. Show mounting methods, grounds: mounting heights, layout, spacing, reinforcement; accessories, and installation details.

1. Provide message list for each sign, including large-scale details of wording, lettering, and Braille layout.
2. Furnish templates for installation of anchorage devices for signs supported by or anchored to permanent construction.

C. Samples for Initial Selection: For each type of sign material that involves color selection.

D. Samples for Verification: For each type of sign, include the following Samples to verify color selected:

1. Panel Signs: Full-size Samples of each type of sign required.
2. Approved samples will be returned for installation into Project.

E. Maintenance Data: For signage cleaning and maintenance requirements to include in maintenance manuals.

1.4 Quality Assurance

A. Regulatory Requirements: Comply with the Americans with Disabilities Act (ADA) and with code provisions as adopted by authorities having jurisdiction.

1. Interior Code Signage: Provide signage as required by accessibility regulations and requirements of authorities having jurisdiction. These include, but are not limited to, the following:
 - a. Fire Doors.
 - b. Room Capacity.
 - c. Signs for Accessible Spaces.

1.5 Coordination

A. For signs supported by or anchored to permanent construction; advise installers of anchorage devices about specific requirements for placement of anchorage devices and similar items to be used for attaching signs.

1.6 Project Conditions

A. Every permanent room and space that is identified (i.e. room #; use; occupant, etc.) shall have one-piece identification signs with letters and numbers of integral construction. Separately attached, glued-on, pressure bonded, heat bonded, engraved, inserted, etc... letters and/or Braille will not be acceptable or accepted. All letters and numbers shall be a minimum of 5/8-inch high and raised a minimum of 1/16-inch. Each sign shall have Grade 2 Braille corresponding to the text which is raised a minimum of 1/32-inch. Pictograms shall be raised 1/32-inch from the surface of the sign. The field on which pictograms occur shall be a minimum of 6-inches in height with verbal equivalent in raised letters and Grade 2 Braille directly below (not in 6-inches field). The raised universal symbol of ACCESSIBILITY does not require any verbal equivalent. Room identification signs (e.g. "Room 200", "Conference Room") need only have the room identification itself in raised letters and Braille; additional temporary information on the signs (e.g. tenant name, room usage, occupant name, teacher name, etc.) need not be in raised letters and Braille.

B. All raised letters, numbers and symbols shall be a light color on a dark background with a minimum of 70% contrast. All copy and background shall have a non-glare finish.

C. Every accessible building entrance shall have the symbol of accessibility, and every non accessible entrance shall have directions to the nearest accessible entrance.

D. Include raised pictograms for the following signs:

1. RESTROOMS (accessible and non-accessible)

E. Characters and numbers on all signs shall be sized according to the viewing distance from which they are to be read. Suspended or projected overhead signs shall have a minimum character height of 3".

F. Permanent room and space identification signs shall be installed on the wall adjacent to the latch side of the door, signs shall be placed on the nearest adjacent wall. Mounting height shall be 60" above the finished floor to the centerline of the sign. All signs shall be placed so that a person may approach within 3" of the sign without encountering protruding objects or standing within the swing of a door.

1.7 Warranty

A. The signage products shall be guaranteed against defects in materials and workmanship for one year from substantial completion, when used in a normal interior environment.

PART 2 - EXECUTION

2.1 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 anchor inserts, provided under other sections of Work are sized and located to accommodate signs.

C. Examine supporting members to ensure that surfaces are at elevations indicated or required to comply with authorities having jurisdiction and are free from dirt and other deleterious matter.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

2.2 Installation

A. General: Locate signs and accessories where indicated, using mounting methods of types described and in compliance with manufacturer's written instructions.

1. Install signs level, plumb, and at heights indicated, with sign surfaces free from distortion and other defects in appearance.

2. Interior Wall Signs: Install signs on walls adjacent to latch side of door where applicable. Where not indicated or possible, such as double doors, signs will be installed on nearest adjacent walls. Locate to allow approach within 3 inches of sign without encountering protruding objects or standing within swing of door.

3. Signs shall be vertically mounted.

4. Signs mounted to walls, glass; vertical partitions, etc., may be mechanically mounted (i.e. screws, toggles, bolts) or adhered using silicone rubber with temporary adhesion provided by double-sided tape sufficient to support the weight of the sign until the silicone rubber sets up.

5. Care shall be taken in mounting signs to provide for the normal expansion and contraction of the sign resulting from temperature change.

B. Wall-Mounted Panel Signs: Attach panel signs to wall surfaces using methods indicated below:

1. Silicone-Adhesive Mounting: Use liquid-silicone adhesive recommended in writing by sign manufacturer to attach signs to irregular, porous, or vinyl-covered surfaces. Use double-sided vinyl tape where recommended in writing by sign manufacturer to hold sign in place until adhesive has fully cured.

2.3 Cleaning and Protection

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

**END OF SECTION 10420
SIGNAGE AND GRAPHICS**

