

SECTION 10 14 00

SIGNAGE

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section describes the requirements for furnishing and installing the following types of signs:

1. Dimensional letters and numbers.
2. Accessibility entrance signs.
3. Parking stall accessibility symbols and signs.
4. Unauthorized vehicle signs.
5. Toilet room entry signs.
6. Room identification signs.
7. Emergency exit at elevator signs.
8. Tactile stairwell signs.
9. Stairway floor number signs.
10. Area of refuge signs.
11. Tactile exit signs.
12. International symbol of accessibility.
13. Directional garage signage.

B. Related Sections:

1. Directories are specified in Section 10 13 00.

1.02 SUBMITTALS

A. Product Data: Manufacturer's construction details relative to materials, dimensions of individual components, profiles, and finishes for each type of sign required.

B. Shop Drawings: Furnish shop drawings for fabrication and erection of signs. Include plans, elevations, and large-scale sections of typical members and other components. Show anchors, grounds, reinforcement, accessories, layout, and installation details.

1. Furnish message list for each sign required, including large scale details of wording and layout of lettering.
2. For signs supported by or anchored to permanent construction, furnish setting drawings, templates, and directions for installation of anchor bolts and other anchors.
3. Furnish full-size spacing templates for individually mounted dimensional letters and numbers.

C. Samples: Furnish samples of each exposed material, including letters and other graphics, showing finish, color, and qualities of fabrication and design.

1.03 QUALITY ASSURANCE

A. Comply with California Building Code (CBC) Section 1117B.5.

PART 2 - PRODUCTS

2.01 MATERIALS AND FABRICATION

- A. Acrylic Sheet: Transparent, clear, semi-matte or non-glare, thickness specified.
- B. Aluminum Sheet: Alloy and temper recommended by the aluminum producer or finisher for the type of use and finish specified.
- C. Aluminum Extrusions: Alloy and temper recommended by the aluminum producer or finisher for the type of use and finish specified.
- D. Stainless Steel Plate, Sheet, and Strip: Provide stainless steel plate, sheet, or strip, AISI Type 302, complying with ASTM A167.
- E. Fasteners: Use concealed fasteners fabricated from metals that are not corrosive to the sign material and mounting surface.
- F. Colored Coatings for Acrylic Plastic Sheet: Use colored coatings, including inks and paints for copy and background colors that are recommended by acrylic manufacturer for optimum adherence to acrylic surface and are non-fading for the application intended.
- G. Interior Signage:
 - 1. Signs shall be sign manufacturer's standard one piece photopolymer sign face with tactile Braille and letters or acrylic sign face with applied tactile lettering and Braille, at manufacturer's option, and shall be interior rated.
 - 2. Sign materials and fabrication shall comply with applicable CBC and ADA signage requirements.
 - 3. Sign Finish: Eggshell, matte, or non-glare as selected by the County's Representative.
 - 4. Copy: 5/8-inch minimum, 2-inch maximum as recommended by sign manufacturer for required copy, raised minimum 1/32-inch.
 - 5. Letters: San Serif, style as selected by the County's Representative.
 - 6. Braille: Contracted Grade 2 Braille complying with CBC Section 1117B.5.6.
 - 7. Mounting: Vinyl foam tape or mechanical fasteners.

2.02 SIGN SUMMARY

- A. Cutout Letters and Numbers:
 - 1. Cut letters and numbers from solid plate material selected by the County's Representative. Product precisely cut characters with square cut, smooth edges.
 - 2. Finish: As selected by the County's Representative.
- B. Entrance Signs:
 - 1. All building entrances that are accessible to and useable by physically disabled persons shall be identified with at least one standard accessibility symbol sign and with additional directional signs as required, to be visible to persons along approaching pedestrian ways.
 - 2. Comply with CBC Section 1117B.5.8.1.2.
- C. Parking Stall Accessibility Symbols and Signs:
 - 1. Each parking space reserved for the handicapped shall have a surface identification outlining a profile view of a wheelchair with occupant in white on blue background, 36-inches high x 36-inches wide.
 - a. Comply with CBC Section 1129B.4.

2. Provide a reflectorized sign permanently posted immediately adjacent to and visible from each parking stall or space reserved for the handicapped, consisting of a profile view of a wheelchair with occupant in white on blue background. Size shall be minimum 70-square inches, mounted not more than 80-inches from the bottom of the sign to the parking space grade.
 - a. Spaces complying with van accessible requirements shall have an additional sign stating "Van-Accessible" mounted below the symbol of accessibility.
 - b. Comply with requirements specified in CBC Section 1129B.3 and Section 1129B.4.
- D. Unauthorized Vehicle Sign:
1. Post the following sign in a conspicuous place at each entrance to the off-street parking area, not less than 17-inches x 22-inches in size with lettering not less than 1-inch in height, which clearly states: "Unauthorized vehicles parked in designated accessible spaces not displaying distinguishing placards or license plates issued for persons with disabilities may be towed away at Owner's expense. Towed vehicles may be reclaimed at _____ or by telephoning _____."
 2. Blank spaces shall be filled in with appropriate information as directed by the County's Representative.
 3. Comply with requirements specified in CBC Section 1129B.4.
- E. Toilet Room Entry Signs:
1. Provide geometric acrylic plastic symbols as follows. Colors as selected by the County's Representative.
 - a. Men: 12-inch equilateral triangle with international symbol for men.
 - b. Women: 12-inch diameter circle with international symbol for women.
 - c. Unisex: 12-inch diameter circle with 12-inch equilateral triangle.
 - d. Comply with CBC Section 1115B.6 and ADA Article 4.30.
 2. Provide sign with raised letters and Braille on the wall adjacent to the latch outside the door. Where there is no wall space on the latch side and at double leaf doors, provide sign on nearest adjacent wall. Comply with CBC Section 1117B.5.1.1.
 3. Center geometric symbols on door and signs on wall at a height of 60-inches above finished floor.
- F. Room Identification Signs:
1. Provide one sign adjacent to latch side of doors or on the nearest adjacent wall. Signs shall identify room name as directed by the County's Representative.
 2. Provide signs with raised upper case letters with Grade 2 Braille. Comply with ADA Article 4.30.
 3. Mount signs 60-inches above finish floor to centerline of sign.
 4. Comply with CBC Section 1117B.5.1.1.
- G. Emergency Exit at Elevator Signs:
1. Sign Type: Panel with subsurface copy.
 2. Design: Pictorial sign of a standardized design indicating that in case of fire, the elevator will not operate and that exit stairways should be used.
 3. Provide one sign at each elevator lobby per floor. Mount sign directly above and centered on elevator call button plate.
 4. Comply with CBC Section 3003.2.6.

- H. Tactile Stairwell Signs:
1. Tactile floor design signs complying with CBC Section 1117B.5.1.1 shall be located at each floor level landing in all enclosed stairways in buildings two or more stories in height to identify the floor level.
 2. At exit discharge level, the sign shall include a raised five-pointed star located to the left of the identifying floor level. The outside diameter of the star shall be same as the height of the raised characters.
 3. Mount signs 60-inches above floor landing immediately adjacent to the door on the strike side unless otherwise approved by governing authorities.
 4. Signs shall comply with CBC Section 1133B.4.3.
- I. Stairway Floor Number Signs:
1. Provide a minimum 12-inch x 12-inch sign at each floor landing in interior exit enclosures connecting more than three stories designating the floor level, the terminus of the top and bottom of the stair enclosure and the identification of the stair.
 2. The stairway location shall be at the top of the sign in 1-inch high block lettering with 1/4-inch strokes.
 3. The stairway's upper terminus, such as roof access or no roof access shall be placed under the stairway identification in 1-inch high blocking lettering with 1/4-inch strokes.
 4. The floor level number shall be placed in the middle of the sign in 5-inch high lettering with 3/4-inch strokes. Mezzanine levels shall have the letter "M" preceding the floor level and basement levels shall have the letter "B" preceding the floor number.
 5. The lower and upper terminus of the stairway shall be placed at the bottom of the sign in 1-inch block lettering with 1/4-inch strokes.
 6. Locate the sign 60-inches above the floor landing in a position that is readily visible when the doors are in the open and closed positions.
 7. Comply with CBC Section 1020.1.6.
- J. Area of Refuge Signs:
1. Each door providing access to an area of refuge from an adjacent floor area shall be identified by a sign complying with CBC Section 1117B.5.1 stating AREA OF REFUGE and shall include the International Symbol of Accessibility. Where exit sign illumination is required, the area of refuge sign shall be illuminated. Tactile signage complying with CBC Section 1117B.5.1 shall be located at each door to an area of refuge. Comply with CBC Section 1007.6.5.
 2. At exits and elevators serving a required accessible space but not providing an approved accessible means of egress, provide signs indicating the location of accessible means of egress. Comply with CBC Section 1007.7.
 3. Provide a sign adjoining the two-way communication system with instructions on the use of the area under emergency conditions. Comply with CBC Section 1007.6.4.
- K. Tactile Exit Signs: Provide tactile exit signs complying with CBC Section 1117B.5.1.1, at the locations listed in CBC Section 1011.3.
- L. International Symbol of Accessibility:
1. Design: As indicated in CBC Figure 11B-6.
 2. Color: White figure on a blue background. Blue color equal to Color No. 15090 in Federal Standard 595B.
- M. Directional Garage Signage: Provide as directed by the County's Representative.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Locate where required by applicable codes and secure with specified fasteners.
- B. Install level, plumb and at height required, with surfaces free from distortion or other appearance defects.
- C. Dimensional Letters and Numbers: Mount letters and numbers using standard fastening methods recommended by manufacturer. Provide template to establish letter spacing and to locate holes for fasteners.
 - 1. Mount letters with backs in contact with wall surface or projected from the wall surface.
- D. Where signs are adhesively applied, adhesive shall be spread over full contact area.

3.02 CLEANING AND PROTECTION

- A. At completion of installation, clean soiled surfaces in accordance with manufacturer's instructions. Protect units from damage until final acceptance.

END OF SECTION