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SECTION 10 14 00

SIGNAGE

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**PART 1 - GENERAL**

1.1 SUMMARY

- A. Section Includes: Provide general signage as indicated complete with attachment devices and accessories as required for complete installation.
- B. Related Sections:
  - 1. Section 09 90 00: Traffic line paint.
  - 2. Section 10 44 00: Fire extinguisher cabinet graphics.
  - 3. Section 14 21 00: Elevator graphics.
  - 4. Division 26: Photoluminescent exit signs.

1.2 SUBMITTALS

- A. Product Data: Furnish manufacturer's literature and indicate each sign type, style, color, and method of attachment.
- B. Shop Drawings: Furnish listing of sign types, lettering and locations, along with dimensions of each sign.
  - 1. Computerized Output: Furnish computerized samples of signs and graphics at full scale duplicating final appearance.
  - 2. Dimensional Letter Signs: Furnish complete shop drawings regarding fabrication and method of attachment of dimension letter signs.
- C. Certification: Furnish manufacturer certification that photoluminescent egress path markings and signage conforms to California Building Code requirements.

1.3 QUALITY ASSURANCE

- A. Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for adhesives.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Package separately or in like groups of names, labeled as to names enclosed; include installation template, attachment system and installation instructions.

**PART 2 - PRODUCTS**

**2.1 SYSTEMS MANUFACTURERS**

- A. ASI Modulex, ASI Sign Systems, Inc.
- B. Mohawk Sign Systems.
- C. Vomar Products, Inc.
- D. Substitutions: Refer to Section 01 25 00.

**2.2 MATERIALS**

- A. System Description: Provide signage as indicated with attachment devices and accessories.
- B. Regulatory Requirements: Provide signs for assuring access for persons with disabilities in accordance with state and federal regulations.
  - 1. California Regulations: Comply with California Building Code.
  - 2. Federal Regulations: Comply with Americans with Disabilities Act (ADA) Standards.
- C. Toilet Room Door Signs: Provide door signs conforming to California requirements for signs for toilet rooms; concealed mounting system.
  - 1. Material: Manufacturer's standard colored plastic/photopolymer signs; color as indicated, as selected by Architect from manufacturer's full range of colors where not otherwise indicated.
    - a. Texture: Smooth.
  - 2. Total Thickness: 0.25".
  - 3. Provide signs required by California Code of Regulations Title 24.
    - a. Men's Room: 12" equilateral triangle, vertex pointing up.
    - b. Ladies' Room: 12" diameter circle.
    - c. Unisex Toilet: 12" diameter circle with equilateral triangle, vertex pointing up, superimposed on the circle; circle and triangle each 0.25" thick.
      - 1) Color of triangle shall contrast with color of circle which shall contrast with color of door face.
  - 4. Colors: As selected to contrast with doors.
  - 5. Symbols: As selected from manufacturer's standard symbols.
  - 6. Adhesive: Type as recommended by sign manufacturer for type of substrate involved.

- D. Toilet Room Wall Signs: Provide signs conforming to California Building Code and ADA Standards for signs for permanent rooms, with inset symbols and with raised and Braille characters; concealed mounting system.
  - 1. Material: Manufacturer's standard colored plastic/photopolymer signs; color as indicated, as selected by Architect from manufacturer's full range of colors where not otherwise indicated.
    - a. Texture: Smooth.
  - 2. Comply with California Building Code and ADA Standards for raised and Braille characters, pictorial symbols, finish, and contrasts requirements.
- E. Stairway Signs: Provide colored plastic/photopolymer signs in stairways, conforming to California Building Standards Code, Section 1022.9.
  - 1. Lettering: Type as required by CBC.
  - 2. Colors, Size, and Style: Conform to referenced code requirements and as approved by Architect.
  - 3. Information: Identify stairway, indicate whether there is roof access, floor level, and upper and lower terminus of stairway, and story of and direction to exit discharge.
  - 4. Provide raised five-pointed star located to left of identifying floor level at exit discharge level.
  - 5. Provide Floor Identification Signs required by CBC including both tactile and Braille sign.
  - 6. Provide photoluminescent egress path marking and signs as required by California Building Code for high rise buildings and as specified for photoluminescent egress markings and signage.
- F. Porcelain Signs at Parking: Provide porcelain enamel on steel sign with beaded text and symbols meeting requirements of California Building Standards Code and with ADA Standards.
  - 1. At entry to parking provide state required sign indicating unauthorized vehicles parking in accessible parking spaces may be towed at owner's expense using exact wording required by CBC.
  - 2. Verify location and telephone number of place to be towed with Owner; place this information as permanent part of sign wording.
  - 3. At parking spaces provide California required reflectorized sign, minimum 70 sq. inches, with symbol indicating accessibility.
  - 4. At van accessible parking spaces provide required "VAN PARKING" signs.
- G. Tactile Exit Door Signs: Provide colored plastic/photopolymer signs, conforming to California Building Code Section 1011.3 and ADA Standards for signs for permanent rooms, with tactile raised and Braille characters; concealed mounting system.
  - 1. Colors: As selected by Architect.
  - 2. Size and Style: As indicated on Drawings.

- H. Room Identification and Direction Signs: Provide signs conforming to California and ADA Standards for permanent signs, total thickness 0.125"; provide raised and Braille characters conforming to California and ADA Standards; concealed mounting.
  - 1. Material: Manufacturer's standard colored plastic/photopolymer signs; color as indicated, as selected by Architect from manufacturer's full range of colors where not otherwise indicated.
    - a. Texture: Smooth.
  - 2. Sizes and Styles: As indicated on Drawings, as directed by Architect where not otherwise indicated.
- I. Tactile Emergency Evacuation Signs: Silk-screened polycarbonate with screening on back and with tactile and Braille information conforming to California requirements and ADA Standards.
  - 1. Information: Provide sign system with information as required by applicable authorities for emergency egress.
  - 2. Silk-Screen Colors: As selected by Architect.
    - a. Silk-screen Lacquer: Similar to Advanced Screen Products/Industrial Gloss Lacquer Silk-screen Ink; colors as selected by Architect.
  - 3. Size and Style: As indicated on Drawings and acceptable to applicable authorities.
  - 4. Attachment: Method subject to Architect approval.

### **PART 3 - EXECUTION**

#### **3.1 INSTALLATION**

- A. General: Install signs in accordance with manufacturer recommendations and installation instructions, free from distortions and defects.
- B. Toilet Room Door Signs: Install signs on doors after doors are painted and finished.
  - 1. Location: Mount signs with centerline of sign between 58" and 60" height as required by applicable code.
  - 2. Install centered and level, in line, in accordance with the manufacturer's recommendations.
  - 3. Clean and polish, remove excess adhesive.
- C. Toilet Room Wall Signs: Install signs on walls after surfaces on which they are to be mounted are painted and finished.
  - 1. Location: Mount signs at 48" to 60" height as required by applicable codes on strike side of door.
  - 2. Install level, in line, in accordance with California Building Code and ADA Standards to allow a person to approach within 3" of signs without being within a door swing and without encountering protruding objects.
  - 3. Clean and polish, remove excess adhesive.

- D. Stair Signs: Install signs inside stairwell after walls are finished, at locations immediately adjacent to door on strike side as required by referenced code, readily visible when door is open.
  - 1. Location: Mount signs at 48" to 60" height as required by applicable codes.
- E. Parking Signs: Provide mounting hardware, including painted posts, as needed; mount signs at heights required by state code.
  - 1. Install parking entry sign at location as directed by Architect.
- F. Tactile Exit Door Signs: Install at doors with lighted "EXIT" signs; apply after walls are finished.
  - 1. Location: Mount signs at 48" to 60" height as required by applicable codes on strike side of door.
  - 2. Install level, in line, in accordance with the manufacturer's recommendations and ADA Standards to allow a person to approach within 3" of signs without being within a door swing and without encountering protruding objects.
  - 3. Clean and polish, remove excess adhesive.
- G. Room Identification and Direction Signs: Install signs after walls are finished.
  - 1. Location: Mount signs at 48" to 60" height as required by applicable codes on strike side of door for room identification signs, where indicated for direction signs.
  - 2. Install signs level, in line, in accordance with the manufacturer's recommendations, California Building Code and ADA Standards.
  - 3. Install room identification signs at doors to allow a person to approach within 3" of signs without being within a door swing and without encountering protruding objects.
  - 4. Clean and polish, remove excess adhesive.
- H. Emergency Evacuation Signs: Install signs after walls are finished.
  - 1. Location: Mount signs at locations indicated, as directed by Architect and applicable authorities if not otherwise indicated.
  - 2. Install signs level and in accordance with the manufacturer's recommendations and requirements of applicable authorities.
  - 3. Clean and polish.

**END OF SECTION**