

## INTERIOR UNFRAMED SIGNS - STANDARD SIGN SYSTEM

*DDNC Metal Etch sign systems-tactile etch and Braille signage for the visually impaired-designed to comply with the regulations set forth in the Americans with Disabilities Act.*

### PART 1 GENERAL

#### 1.1 DEFINITIONS

- A. Signs for Permanent Rooms: Signs for men's and women's rest rooms, numbered rooms and exits.
- B. Directional and Informational Signs: Wall-mounted signs that provide direction to or information about functional spaces.

#### 1.2 ADA DESIGN REQUIREMENTS - PERMANENT ROOMS

- A. Tactile and Braille Characters: Raised 1/32 inch accompanied by Grade 2 Braille
- B. Typestyles: Upper case and sans serif or "simple serif."
- C. Character Height: Minimum 5/8 inch high, maximum 2 inches; all caps.
- D. Pictograms (Symbols): Equivalent written description shall be placed directly below symbol. Written description shall not be within symbols background field. Border dimension of background field shall be minimum 6 inches high.
- E. Finish and Contrast: Characters and background shall be eggshell, matte or other non-glare finish. Characters shall adequately contrast with background.

#### 1.3 ADA DESIGN REQUIREMENTS - DIRECTIONAL AND INFORMATIONAL SIGNS

- A. Typestyles: Width-to-height ratio of between 3:5 and 1:1; stroke width-to-height of between 1:5 and 1:10
- B. Character Height: Sized to viewing distance.
- C. Finish and Contrast: Characters and background shall be eggshell, matte or non-glare finish. Characters shall be adequately contrast with background.

#### 1.4 ADA DESIGN REQUIREMENTS - OVERHEAD SIGNS

- A. Typestyles: Width-to-height ratio of between 3:5 and 1:1; stroke width-to-height of between 1:5 and 1:10
- B. Character Height: Minimum 3 inches height.
- C. Finish and Contrast: Characters and background shall be eggshell, matte or non-glare finish. Characters shall be adequately contrast with background.

#### 1.5 SUBMITTALS

- A. Provide shop drawings, listing of sign types, lettering and locations and overall dimensions of each sign.
- B. Samples: Provide one full size sample sign of type, style and color specified including method of attachment.
- C. Submit manufacturer's installation instructions.

#### 1.6 QUALITY ASSURANCE

- A. For each sign form and graphic image process indicated furnish products of a single manufacturer.

#### 1.7 REGULATORY REQUIREMENTS

- A. Comply with applicable provisions of American National Standard Specifications for Making Buildings and Facilities Accessible To and Usable by Physically Handicapped People

#### 1.8 DELIVERY, STORAGE, and HANDLING

- A. Package separately or in like groups of names, labeled as to names enclosed. Include installation template, hardware or adhesive specified installation instructions.
- B. Store adhesive tape at ambient room temperatures.



## PART 2 PRODUCTS

### 2.1 ACCEPTABLE MANUFACTURERS

- A. Desk & Door Nameplate Co., Inc.  
9310 Gulfstream Road, Frankfort, IL 60423 | telephone 815.806.8670 | fax 815.806.8999 | info@deskndoorusa.com  
2895 21st Ave. North, St. Petersburg, FL 33713 | telephone 727.327.1472 | fax 727.327.6074 | ddncsign@tampabay.rr.com
- B. Substitutions: [None permitted].

### 2.2 MATERIALS GENERAL

PICK SHEEN AND EITHER SOLID METAL OR LAMINATE DESIGN. SOLID METAL SIGNS ARE MORE DURABLE. LAMINATE DESIGNS ARE SLIGHTLY CHEAPER. MAGNESIUM SIGNS ARE NOT PERMITTED BECAUSE THEY ARE SUSCEPTIBLE TO DISCOLORATION AND TEND TO CORRODE OVER TIME. FOR INTERIOR SIGNS SELECT FROM MATTE, SEMIGLOSS, OR GLOSS. FOR EXTERIOR SIGNS SELECT ONLY GLOSS. ALSO FOR EXTERIOR SIGNS SELECT SILVERTONE OR PAINTED. BRONZETONE AND BRASSTONE ARE TINTED LACQUERS AND MAY FADE OUTSIDE.

- A. General:  
Chemically deep-etched zinc with raised lettering and Grade II Braille  
[Matte] [Semigloss] [Gloss] sheen  
Solid metal [.060] [.098] [.153] inch thick  
[1/16] [1/8] inch thick face plate

EITHER PICK A COLOR FOR LETTERING AND BACKGROUND (WHICH HAVE TO CONTRAST WITH ONE ANOTHER), PICK LATER FROM SUBMITTALS, OR SHOW IT ON THE DRAWINGS. SIMILARLY, EITHER PICK SIZE HERE (1-1/2" MIN.) OR SHOW IT ON THE DRAWINGS. WHEN SELECTING A COLOR CHOOSE FROM STANDARD OR SPECIAL PAINTS, METALLIC TINTS OR ELECTROPLATED. ELECTROPLATING IS AVAILABLE ONLY ON .123" AND ABOVE THICKNESSES.

- B. Lettering/Raised Surfaces
  - 1. Color [\_\_\_\_\_]  
Manufacturer's standard finish:  
Painted in acrylic polyurethane enamel, UV inhibited in one of the manufacturer's standard colors  
Lacquer tinted to [silver] [bronze] [brass] [tone]  
Electroplated in [brass] [chrome] [nickel] [copper]  
[Mirror] [Satin] [Antique] sheen
  - 2. Height: [[1-1/2] [\_\_\_\_\_]] inches minimum

FOR BACKGROUNDS SELECT A PAINTED COLOR AND TEXTURE OR SANDBLASTED FINISH. SANDBLASTING GIVES THE NATURAL ZINC A SLIGHTLY DIFFERENT HUE. COLOR OPTIONS CAN BE FOUND ON OUR WEBSITE [www.ddncsigns.com](http://www.ddncsigns.com).

- C. Background Color: [\_\_\_\_\_]
- D. Background Paint Texture [Smooth] [Suede] [Leatherette]
- E. Corners [Square] [Round] [Chamfer]
- F. Edges/Borders: [Straight] [Beveled {30°} {45°} {Bullnose}]

FRAMES ARE OPTIONAL. YOU CAN CHOOSE AMONG OUR FRAME SYSTEMS: CONTOUR, ELITE, CONTEMPORARY, OR STYLE-BAR SYSTEM. FRAME OPTIONS CAN BE FOUND ON OUR WEBSITE [www.ddncsigns.com](http://www.ddncsigns.com).

- G. Frame:  
[Extruded Aluminum] [Anodized] [Plastic] sign frame, depth appropriate to sign thickness  
[square corner design] [radius corner design]

### 2.3 ACCESSORIES

- A. Tape Adhesive: Double sided tape, permanent adhesive

PICK THE TYPE OF MOUNTING HARDWARE WHEN THIS IS NEEDED. WELDED METAL STUDS ARE USED FOR PERMANENT WALL FASTENING. DRILLED AND TAPPED METAL STUDS ARE RECOMMENDED FOR LARGE, HEAVY SIGNS (1/4 INCH, 11 X 17 AND ABOVE). METAL STUDS CAN BE WELDED ONLY ON .125" AND ABOVE THICKNESSES.

- B. Mounting Hardware: Metal Studs [welded] [drilled and tapped]
- C. Mounting Holes: [drilled] [drilled countersunk]



## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify that surfaces are ready to receive work.
- B. Beginning of installation means installer accepts existing surfaces.

### 3.2 INSTALLATION

- A. Install signs according to manufacture instructions or consult with ADA Section 4.30.6.. Install signs after surfaces are painted and finished, in locations indicated.
- B. Mount signs on wall adjacent to latch side of door. Mount signs to avoid door swing and protruding objects. Mount signs 60 inches from finished floor to centerline of sign.
- C. Mount overhead signs with minimum 80 inches clearance between sign and floor.
- D. Locate signs on surfaces, level. Clean and polish.

### 3.3 SCHEDULE

- A. Provide signs with name and number for each space per Architectural Floor Plans for rooms, such as rest room identification, code required signs and telephone identification signs. Do not use abbreviations.
  1. Rest Rooms sign panels shall be as follows: [MEN or WOMEN] [BOYS or GIRLS] (with wheelchair symbol).
  2. Code required signs shall display warning,, danger, hazard, emergency, fire and evacuation information.
  3. Telephone signs shall be either ceiling mounted or flag type.
- B. The following doors do not require room number signs:
  1. Corridor barrier doors (cross-corridor).
  2. Folding doors.
  3. Door to stairs, toilet and bathroom doors within spaces.
  4. Doors to toilets in private office.
  5. Communicating doors in partitions between rooms with numbered entrance doors or closet doors within rooms.

