

INTERIOR SIGNAGE SPEC

(Section 10440)

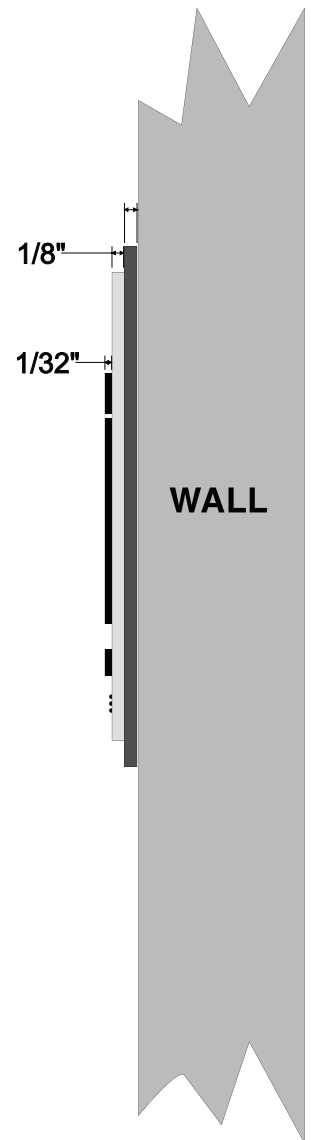
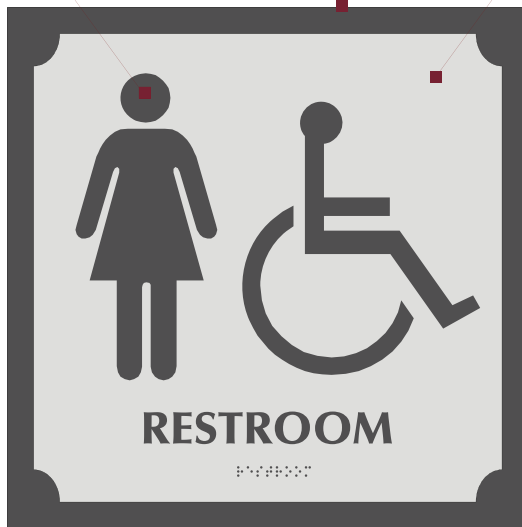


A complete architectural signage system intended to simplify decision-making, Clarity removes the guesswork. The selection is organized into sign families by graphic shape and further segmented with additional features. Clients may begin the customization by selecting shape, orientation and finish materials to coordinate with interior elements, branding criteria and architect specifications.

Text & Graphics

Level 2

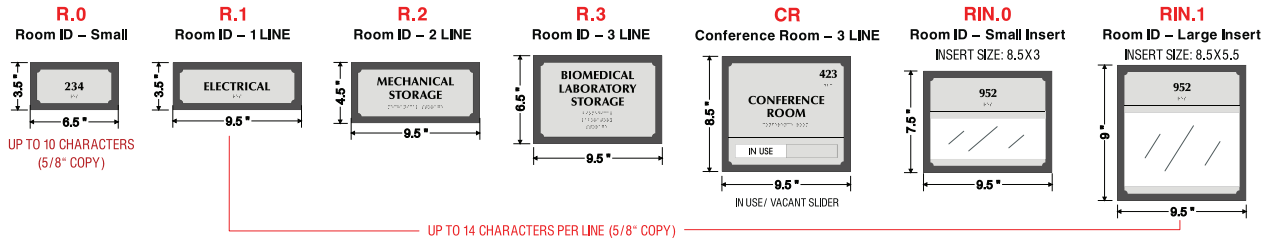
Level 1



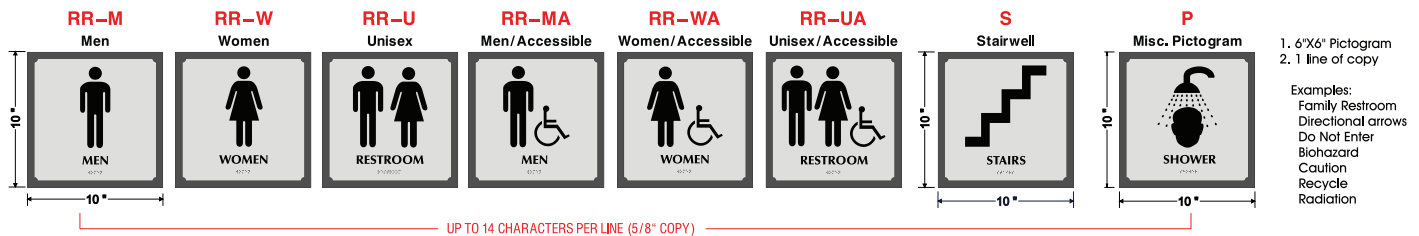


Corner finishes available

Standard Room ID

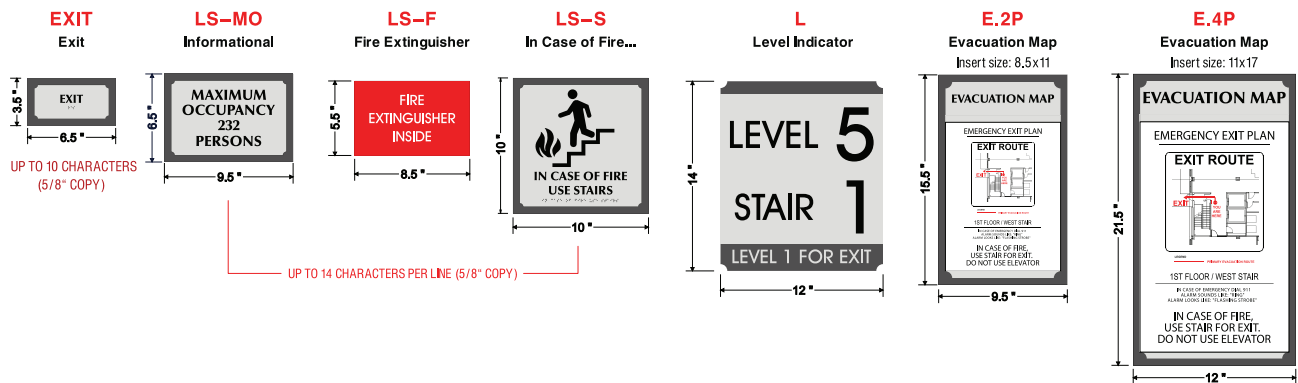


Miscellaneous Room ID (CODE REQUIRED SIGNAGE)

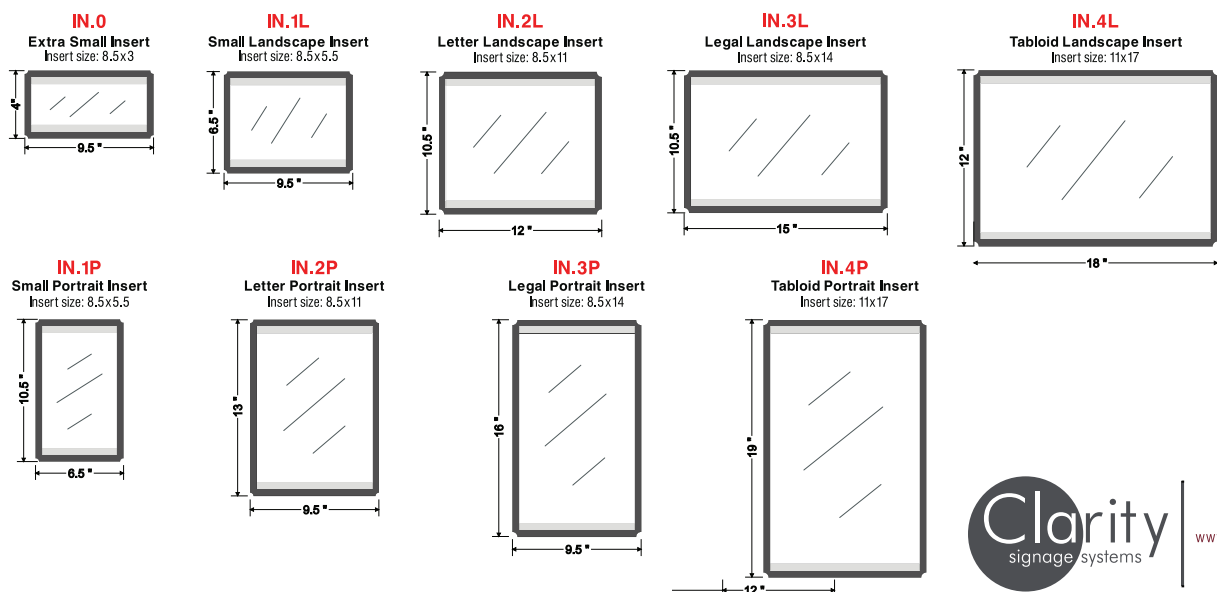


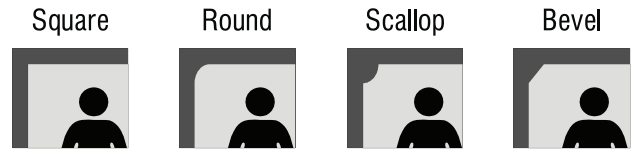
Miscellaneous Life Safety Signage (CODE REQUIRED SIGNAGE)

All artwork for Evacuation maps are to be provided by client or architect



Work Station & Miscellaneous Inserts

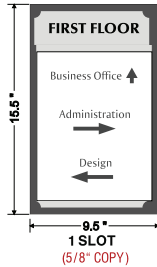




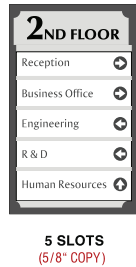
Corner finishes available

Wall Directionals

WD.2P-1
Single Insert Directory
Insert size: 8.5x11



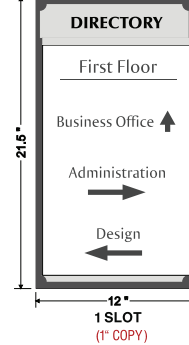
WD.2P-5
Single Insert Directory
Insert size: 8.5x2



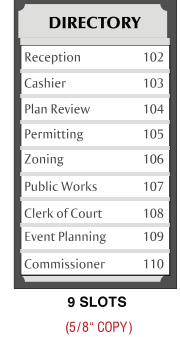
WD.2P-9
Single Insert Directory
Insert size: 8.5x1



WD.4P-1
Single Insert Directory
Insert size: 11x17



WD.4P-9
Single Insert Directory
Insert size: 11x1.75



Flagmounts

F-L
Flagmount Landscape
Double Sided

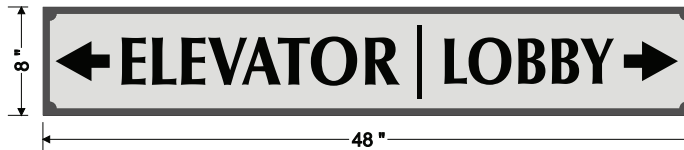


F-P
Flagmount Portrait
Double Sided



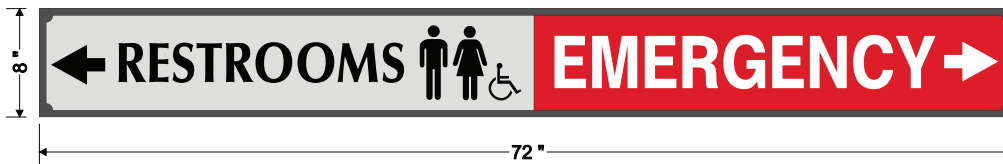
Overhead Directionals

Note: 1. There must be 80" clearance from the floor to the bottom of the sign.
2. ADA requires at least 3" copy on directionals.



OD.8-48
Overhead Directory Standard
Double Sided
(UP TO 2 LINES OF COPY)

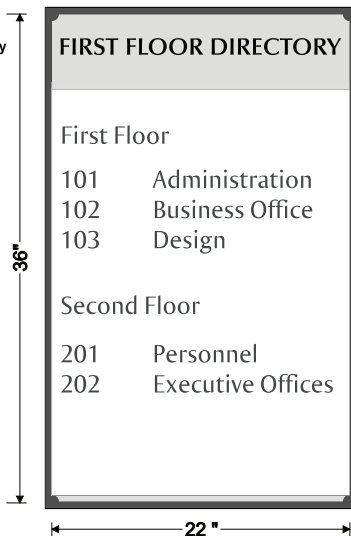
Also available in 12"x48" (OD.12-48)
(UP TO 3 LINES OF COPY)



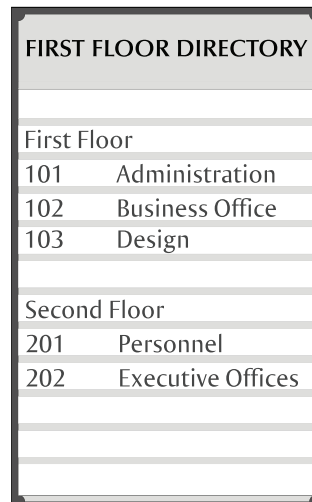
OD.8-72
Overhead Directory Large
Double Sided
(UP TO 2 LINES OF COPY)
Also available in 12"x72" (OD.12-72)
(UP TO 3 LINES OF COPY)

Directories

D.1
Single Insert Directory
Insert size: 22x30
(1.25" COPY)



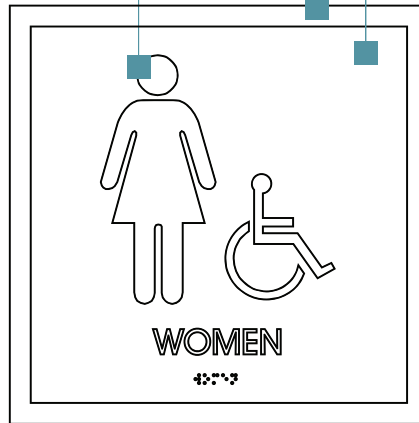
Multi Insert
12 SLOTS



D.12
Multiple Insert Directory
Insert size: 22x2
(1.25" COPY)

Standard Colors

Text and Graphics Color Background Color Level 2
Background Color Level 1



Standard Colors



Contrast Chart

| | Red | Burgundy | Canyon | Yellow | Bright Green | Pine Green | Black Forest Green | Bahama Blue | Blue | Air Force Blue | Marine Blue | China Blue | Antique Ivory | Sand | Sandalwood | Ash | White | Bright White | Light Grey | Pearl Grey | Grey | Charcoal Grey | Taupe | Driftwood | Cinder | Dark Brown | Black | Gold | Silver | Graphite |
|--------------------|-----|----------|--------|--------|--------------|------------|--------------------|-------------|------|----------------|-------------|------------|---------------|------|------------|-----|-------|--------------|------------|------------|------|---------------|-------|-----------|--------|------------|-------|------|--------|----------|
| Red | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Burgundy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canyon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bright Green | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pine Green | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Forest Green | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahama Blue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air Force Blue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marine Blue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| China Blue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Antique Ivory | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sandalwood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bright White | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Light Grey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pearl Grey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Charcoal Grey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Taupe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Driftwood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cinder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dark Brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gold | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Silver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Graphite | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*These color combinations are provided as a courtesy and does not guarantee ADA compliance. Before installing an ADA sign, please consult with the ADA at www.ada.gov to ensure your project meets federal guidelines.

■ Font Selection

OPTIMA MEDIUM (standard)
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

FRUTIGER
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

FUTURA
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

HELV BOLD
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

MYRIAD PRO
ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890



ADA SUMMARY

The Americans with Disabilities Act (ADA) mandates sign position, finish and contrast, typestyles, character height, and Braille requirements. All facilities, both public and private, with ten or more employees are affected.

FINISH AND CONTRAST

Characters and background must be eggshell, matte or other non-glare finish. There also must be adequate contrast between background and copy colors. ADA requires a minimum of 70% contrast between copy and background.

TYPESTYLES AND CHARACTER HEIGHT

Characters must utilize a sans serif typestyle. For permanent room signs, tactile characters must be upper case and a minimum of 5/8" and no more than 2" in height. They must have a width-to-height ratio between 3:5 and 1:1 and a stroke width-to-height ratio between 1:15 and 1:10. Overhead and flag mounts have a minimum character size of 3". Upper and lower case are permissible. For directional signage, character height must be appropriate for the viewing distance. Again, upper and lower case characters may be utilized.

TACTILE CHARACTERS AND BRAILLE

For permanent room signs, characters must be raised a minimum of 1/32" (0.8 mm) and accompanied with grade II Braille. Braille shall be domed in shape. Flat, square cornered Braille shall be avoided. Raised copy and Braille are not required on overhead or directional signage and minimum height is measured using an upper case "X." Lower case characters are permitted.

PICTOGRAMS

Pictograms must have a background field of at least 6" minimum in height. Pictograms shall be accompanied by the equivalent verbal description placed directly below the symbol and not within the field.

SIGN POSITION

- **Room with a single door** – the tactile room identification sign shall be on the latch side
- **Double doors with one active leaf** – the tactile room identification sign shall be on the inactive leaf
- **Double doors with two active leaves** – the tactile room identification sign shall be to the right of the right hand door
- If a lack of wall space precludes any of the prescribed locations, the tactile room identification sign may be located at the nearest adjacent wall.

MOUNTING HEIGHT

- **Room Identification** – Signs shall be located at 60" from floor to centerline of sign.
- **Overhead Signage** – Signs shall have an 80" clearance from floor to bottom of sign.
- **Flag Mounted Signage** – Signs shall have an 80" clearance from floor to bottom of sign if the projection from the wall is 4" or greater
- **Directories** – Signs shall be mounted a minimum of 27" from floor with no more than 80" at the top.

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Permanent Rooms
Directional/Information
Overhead

ADA SIGNAGE REGULATIONS

CHARACTER PROPORTION (ADA 4.30.2)

| | | | |
|--|---|---|---|
| Characters must have a width-to-height ratio between 3:5 and 1:1 | • | • | • |
| Characters must have a stroke-to-height ratio between 1:5 and 1:10 | • | • | • |

CHARACTER HEIGHT (ADA 4.30.3)

| | | | |
|--|---|---|---|
| Characters must be sized according to the viewing distance | | • | |
| Characters must be 3" minimum in height | | | • |
| Characters shall be at least 5/8" in height, but no higher than 2" | • | | |

RAISED & BRAILLE CHARACTERS AND PICTOGRAM SIGNS (ADA 4.30.4)

| | | | |
|--|---|--|--|
| Tactile characters and Grade 2 Braille must be raised 1/32" | • | | |
| Tactile characters must be accompanied with Grade 2 Braille | • | | |
| Characters must be upper case, sans serif | • | | |
| Characters must be a minimum of 5/8" high, maximum of 2" high | • | | |
| Equivalent verbal descriptions must be placed directly below the pictogram | • | | |
| Pictogram can be any size within a minimum field of 6" in height | • | | |

FINISH AND CONTRAST (ADA 4.30.5)

| | | | |
|---|---|---|---|
| Characters and background must have an eggshell, matte, or non-glare finish | • | • | • |
| Characters must contrast with the background (recommended 70%) | • | • | • |

MOUNTING LOCATION AND HEIGHT (ADA 4.30.6)

| | | | |
|--|---|---|---|
| Mount on the wall adjacent to the latch side of the door | • | | |
| Where there is no wall space, mount on the nearest adjacent wall | • | | |
| Mounting height of 60" from the floor to the center line of the sign | • | • | |
| Mounting location clear of protruding objects or door swing | • | | |
| Minimum 80" clearance between overhead sign and floor (ADA 4.4.2) | | | • |

SUGGESTED VIEWING DISTANCE CHART

| Letter Size: | Distance Viewed From: |
|--------------|-----------------------|
| 5/8" | 13 ft. |
| 1" | 20 ft. |
| 3" | 120 ft. |



There must be a minimum 6" x 6" area for the pictogram with no text in the area. A verbal description must go directly below the pictogram.

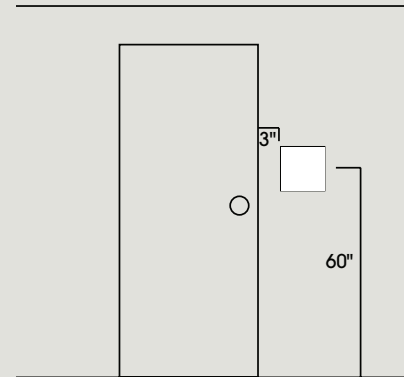
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ADA MOUNTING REQUIREMENTS

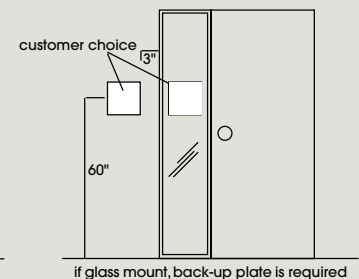
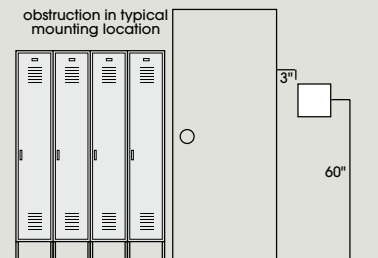
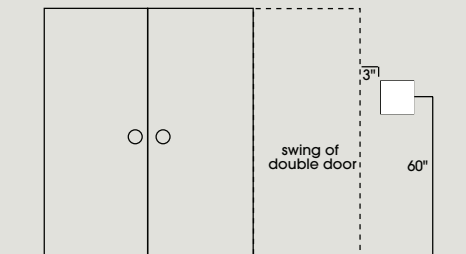
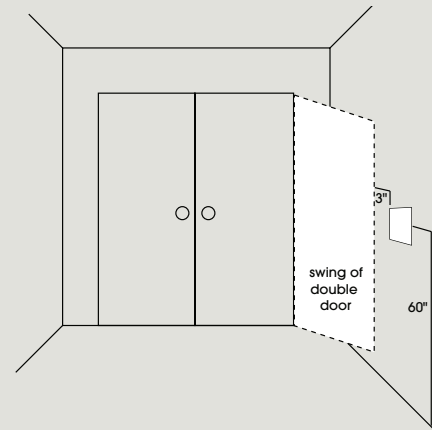
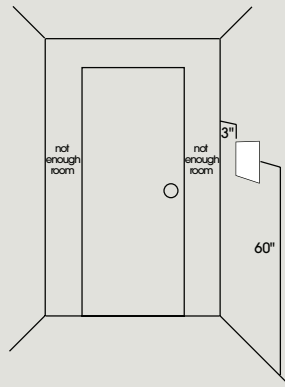
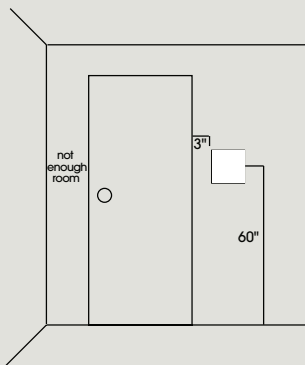
Typical Mounting Location

ADA signs are typically wall mounted on the door handle side, 3" off door jamb, 60" above floor level (AFL) to the center-point of the sign. In certain situations (for example, in elementary schools), height AFL may, at owners choice, be changed to 48". Signs mounted on doors are not ADA acceptable.



Exceptions to the Typical Mounting Location

- If there is not enough room, mount on closest adjacent wall, 3" clear of obstructions, protruding objects or swing of double doors.
- If glass panels are next to the door, the customer should advise if the signs will be installed on glass (may dictate an additional back-up panel) or adjacent wall.
- In circumstances when none of the options above apply, use your best judgement.



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ADA TYPESIZING REQUIREMENTS

The new ADAAG is significantly more stringent in the area of typography for the blind. Reading tactile letters is extremely difficult. The letters must be relatively consistent in size and shape on every sign in the environment in order to be easily read. Tactile letters must also be smaller in size and simpler than most visual letters in the environment. Tactile type, though, applies only to permanent room identification signs; these apply to rooms that will not change names for at least a year.

HEIGHT OF TACTILE LETTERS

There is only a narrow band of allowable heights for tactile letters: 5/8" minimum and 2" maximum based on the letter "I" (703.2.5); minimum letters are allowed on dual signs. Tactile letters must always be capitalized. Tactile letters must also be a minimum 1/32" in height from the surface of the sign. They may be beveled or chamfered.

CHARACTER PROPORTION AND STROKE WIDTH

Tactile letters must be sans serif and always capitalized. Characters must be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I" at the top of the tactile text (703.5.4). The stroke width may be only 15% maximum of the height of the letter "I" (703.5.6). Two fonts that traditionally work well under these guidelines are Futura Regular and Optima Medium. Under the new ADAAG, very few fonts are allowed (some of the commonly used typefaces that are NOT allowed include Times Roman, Optima, and most bold fonts, including Helvetica Medium and Futura Bold), so you should test each font's stroke width to be sure. Stroke width rules are only for the top of tactile letters. If bold characters are beveled, they may comply.

LETTER SPACING

Character spacing is measured between the two closest points of adjacent tactile characters within a message, excluding word spaces. For unbeveled letters, there must be a 1/8" minimum spacing between letters and a maximum spacing of 4 times the letter stroke width. When characters are beveled, there must be a 1/16" spacing minimum at the letter base and 4 times the stroke width maximum at the base (703.2.7). Spacing requirements for the top of the letters are the same as for unbeveled letters. Characters must be separated from raised borders and decorative elements by 3/8" minimum.

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LETTER VISIBILITY CHARTS

READING DISTANCE

| LETTER HEIGHT | READABLE DISTANCE FOR MAXIMUM IMPACT | MAXIMUM READABLE DISTANCE |
|---------------|---|------------------------------|
| 3 inches | 30 feet | 100 feet |
| 4 inches | 40 feet | 150 feet |
| 6 inches | 60 feet | 200 feet |
| 8 inches | 80 feet | 350 feet |
| 9 inches | 90 feet | 400 feet |
| 10 inches | 100 feet | 450 feet |
| 12 inches | 120 feet | 525 feet |
| 15 inches | 150 feet | 630 feet |
| 18 inches | 180 feet | 750 feet |
| 24 inches | 240 feet | 1000 feet |
| 30 inches | 300 feet | 1250 feet |
| 36 inches | 360 feet | 1500 feet |
| 42 inches | 420 feet | 1750 feet |
| 48 inches | 480 feet | 2000 feet |
| 54 inches | 540 feet | 2250 feet |
| 60 inches | 600 feet | 2500 feet |

NOTE: The distances will vary approximately 10% with different color variations. Maximum distance is in color with RED or BLACK on a white background. 5,280 feet equals one (1) mile.

READING TIME (Length of time letters are readable when moving)

| LETTER HEIGHT | 30 MPH | 40 MPH | 60 MPH | 80 MPH |
|---------------|-------------|-------------|--------------|-------------|
| 6 inches | 1.4 seconds | 1.0 seconds | 0.7 seconds | 0.5 seconds |
| 8 inches | 1.8 seconds | 1.4 seconds | 0.9 seconds | 0.7 seconds |
| 12 inches | 3.0 seconds | 2.0 seconds | 1.5 seconds | 1.0 seconds |
| 18 inches | 4.0 seconds | 3.0 seconds | 2.0 seconds | 1.5 seconds |
| 24 inches | 5.5 seconds | 4.0 seconds | 2.75 seconds | 2.0 seconds |
| 36 inches | 8.0 seconds | 6.0 seconds | 4.0 seconds | 3.0 seconds |

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