CADWELL
design + sign

Wholesale@Cadwellsign.com
241 Kuniholm Drive, Bldg 3
Holliston, MA 01746
P: 508.429.3100

your brand | our purpose

WHOLESALE ADA SIGN GUIDE
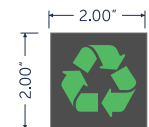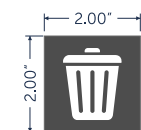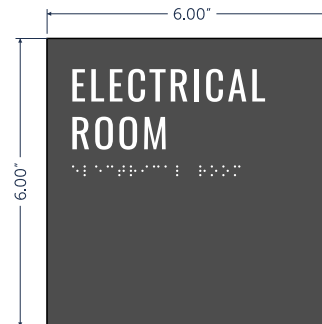
Speed to Market

Architectural Quality
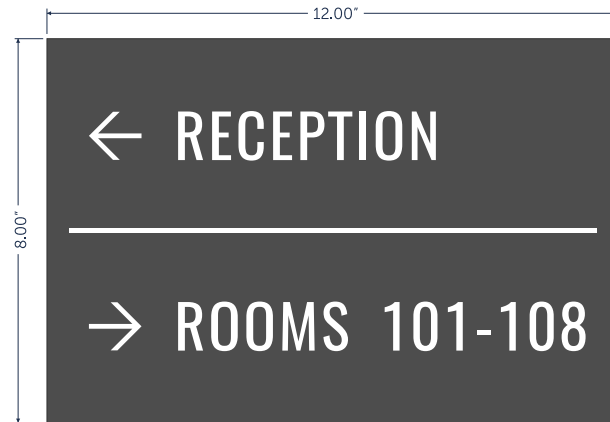
ADA Sign Experts

Quick Responsive Service

Custom Colors and Logos

Great Teamwork

High Quality

Innovation

12.00"

8.00"

← RECEPTION

→ ROOMS 101-108

6.00"

8.00"

RESTROOM

6.00"

6.00"

ELECTRICAL ROOM

2.00"

2.00"

2.00"

2.00"
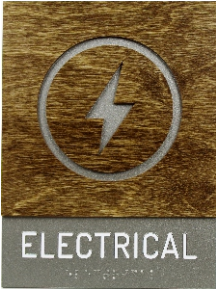
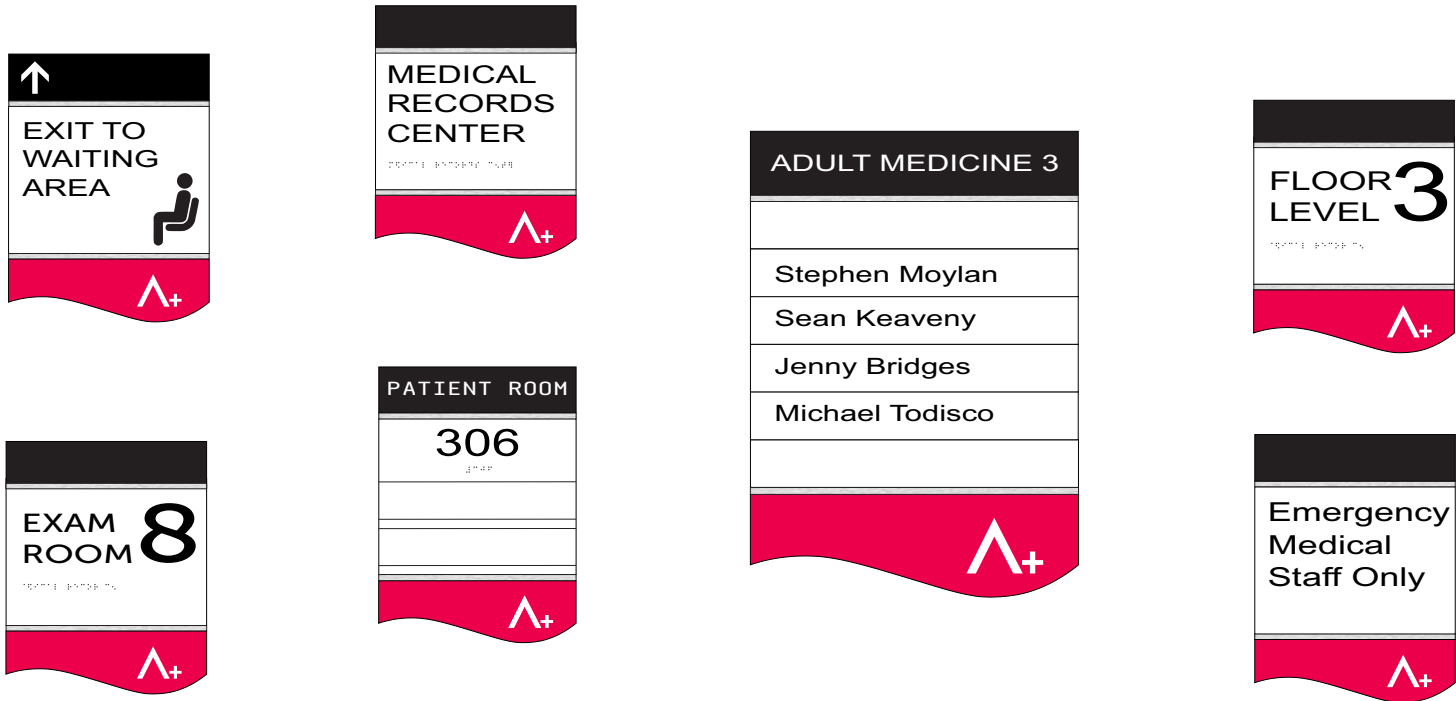# Making Your Brand Look Amazing Is OUR Purpose

2 | Contents

This booklet was developed to give you a broad overview and understanding of the ADA sign regulations. We have also included design tools, drawings, and color options to help you create a complete sign system that is not only functional but 100% complaint with ADA regulations.

ADA Sign Systems	ADA Sign Checklist	ADA Regulations

The following pages will assist you in selecting the right sign types, styles and colors to develop a comprehensive and cohesive sign system that you can use throughout your building or facility.

EXIT TO WAITING AREA
Λ+

MEDICAL RECORDS CENTER
Λ+

EXAM ROOM 8
Λ+

PATIENT ROOM
306
Λ+

ADULT MEDICINE 3

Stephen Moylan

Sean Keaveny

Jenny Bridges

Michael Todisco

Λ+

FLOOR LEVEL 3
Λ+

Emergency Medical Staff Only
Λ+

How to Order

To order, simple provide the information listed to the right. All signs are fully customizable with your own text, colors and logo.

Sign Information

1. Select your sign style   Pages 4 - 7
2. Select your sign colors   Pages 8 - 9
3. Select your sign types   Pages 14 - 21
4. Provide your text or message

Custom Options

Custom logos and graphics

Custom background colors

Custom signs, sizes and layouts

Below are just a few of the styles available. Combine these with an endless array of colors and materials
We can design and fabricate an entire sign system based on any style below

One Panel

1A	1B	1C	1D	1E	1F

Two Panel

2A	2B	2C	2D	2E

Flip signs for even more options
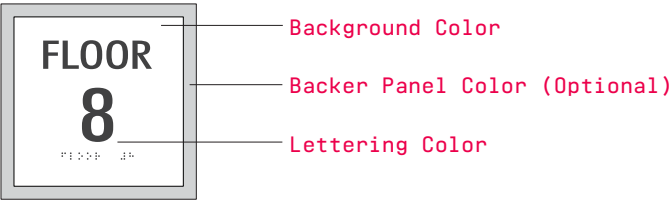
2G	2H	2J	2K	2M

5 | Standard Rowmark Colors

ADA laws require distinct contrast between background and lettering colors. Custom background colors are available. Actual colors may vary from displayed or printed colors.

FLOOR
8

Background Color

Backer Panel Color (Optional)

Lettering Color
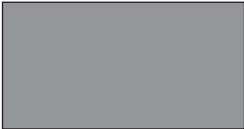
White	Cement (pms 422)	Driftwood (pms 416)
Chracoal (pms 7540)	Dark Brown (pms 412)	Black (pms 6)
Ash (pms 7527)	Sandalwood (pms 4685)	Parchment (pms 7528)
Ivory (pms 468)	Beige (pms 7503)	Taupe (pms 410)
Cinder (pms 411)	Celadon (pms 5555)	Forest Green (pms 5477)
Hunter Green (pms 5535)	Bright Green (pms 348)	Teal Green (pms 562)
Ocean Blue (pms 5473)	China Blue (pms 5405)	Medium Blue (pms 7692)
ADA Blue (pms 7462)	Blueberry (pms 654)	Ruby (pms 209)
Red (pms 187)	Dusty Rose (pms 4995)	Orange (pms 1665)
Silver Met (pms 877)	Graphic Metallic	Gold Met (pms 464)
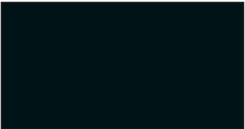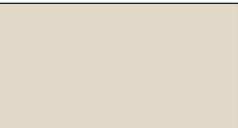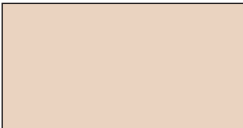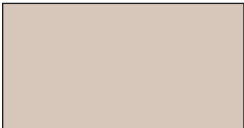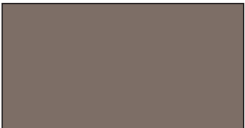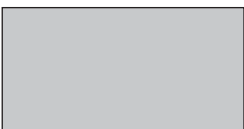
Premium materials, along with eye-catching full-color digital printing, offers a truly unique and upscale option for any sign syst
See previous page for standard lettering and graphic colors. Actual colors may vary from displayed colors below

FLOOR
8

— Background Color

— Backer Panel Color (Optional)
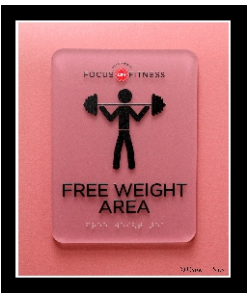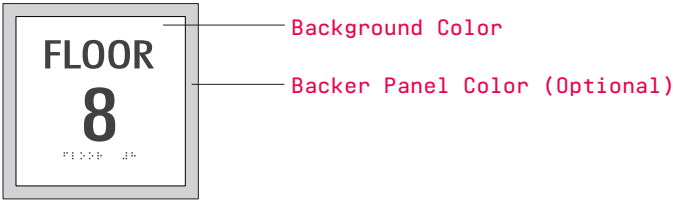
Speciality Acrylics
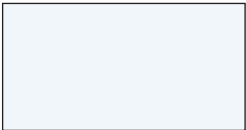
Frosted P95 - Clear or Painted

Frosted P95 - White

Frosted P95 - Black
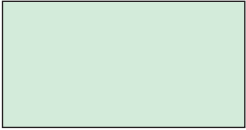
Photolumiscent

Aluminum

Satin Silver Anodized 909

Satin Gold Anodized 910

Stainless steel 927
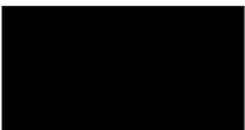
Black Aluminum 917

Woodgrains
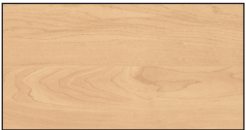
Maple

Wild Cherry

10 | Sign Specifications

We manufacture all of our signs to the highest quality standards using the finest architectural materials and latest high-tech equipment.Our professional team of fabricators carefully assemble and ensure the quality of each sign, for a product that is both beautiful and compliant.

Modified Acrylic Products

- Durable non-glare modified acrylic - Impact, scratch, and mar resistant
- Signs are back painted for superior resistance to fading and scratching
- Smooth, clean CNC routed edges for a near polished like finish
- Precision cut graphics are bonded to the surface under extreme pressure with 3M VHB
- Clear, dome-shaped Raster Braille (Grade 2) is embedded into the sign surface

Material Options

- Modified Non-Glare Acrylic
- Frosted P95 Acrylic
- Green Edge 3030 Acrylic
- ADA Alternatives
- Translucent Acrylics

Laminated Products

- .030 / .040 top layer of Satin Aluminum, Wilsonart or other material
- Permanently bonded to 1/8" or 1/4" Acrylic
- Smooth, clean CNC routed edges for a near polished like finish
- Precision cut graphics are bonded to the surface under extreme pressure with 3M VHB
- Dome-shaped Raster Braille (Grade 2) is embedded into the sign surface

Material Options

- Satin Anodized Aluminum
- Wood Laminates (Wilsonart)
- Other High-Pressure Laminates
- Photoluminescent
- Chemetals

08 | ADA Fonts

Our standard ADA fonts are shown below. Each has been set up to be 100% ADA compliant (correct spacing, thickness, etc.). In certain cases, we are able to take a client's font and make it ADA compliant for a nominal fee.

ARIAL MEDIUM & 1234567890

HELVETICA MEDIUM & 1234567890

FRUTIGER MEDIUM & 1234567890

LUCINDA SANDS & 1234567890

GOTHAM MEDIUM & 1234567890

MYRIAD SEMIBOLD & 1234567890

FUTURA MEDIUM & 1234567890

OPTIMA MEDIUM & 1234567890

PROXIMA NOVA & 1234567890

TREBUCHET MEDIUM & 1234567890

Aligment Options

BUSINESS **MARKETING** **DIVISION**	**BUSINESS** **MARKETING** **DIVISION**	**BUSINESS** **MARKETING** **DIVISION**	**BUSINESS** **MARKETING** **DIVISION**
Center	Center Left	Top Left	Bottom Right

09 | Mounting Options

Standard mounting options are shown below. Other mounting options are available.
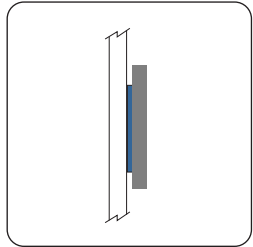
Double Faced Tape

1/16" pressure sensitive foam tape. Best used in conjunction with silicone adhesive.
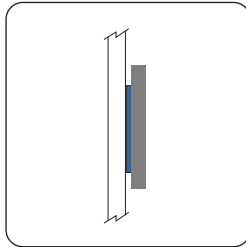
Z-Clip Mounting

2 inch mechanically mounted to wall and sign.
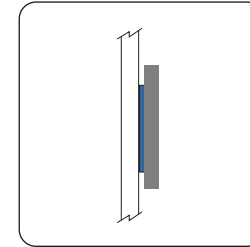
Velcro Hook (Loop)

For fabric surfaces such as office workstations. Always test first.
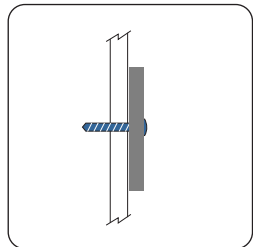
Screw Holes - Torx

3/16" screw holes with optional 1.5" vandal resistant button torx. **Wall Anchors optional**
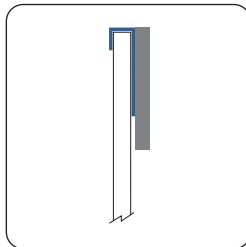
Partition Hook

Custom acrylic hooks available in black, white, or clear for any size partition.
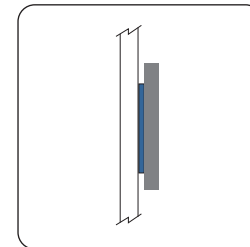
Magnetic Tape (Foil)

1/32" magnetic tape for steel surfaces or removable panels.
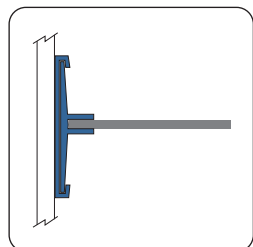
Wall or Ceiling Bracket

Anodized aluminum bracket in satin silver used for flag mounted or ceiling mounted signs.
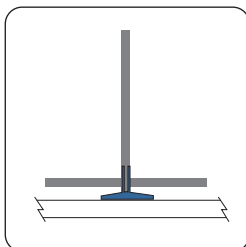
Ceiling Grid Clip

2 inch mechanically mounted to wall and sign.
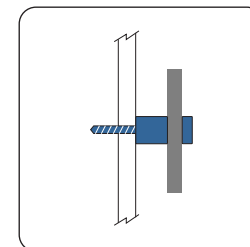
Standoffs

Standoffs offer an upscale mounting solution. Available in a satin silver aluminum finish.

Signs that identify a room, space, or area are required to have raised characters and Braille. This requirement includes both public access areas and all employee areas. Custom sizes, colors, and layouts are available.

BUSINESS MARKETING DIVISION

#100 - 8x8"

ELECTRICAL TELECOM UTILITY ROOM

#100 - 8x8"

TELEPHONE UTILITY ROOM

#101 - 5x9"

306

#102 - 5x5"

STAFF LOUNGE

#103 - 3x9"

EXAM ROOM 8

#104 - 7x7"

WORK ROOM 30

#104 - 7x7"

CLASSROOM P4

#104 - 7x7"

DEPARTMENT OF HOMELAND SECURITY

#105 - 6x9"

CAREER COUNSELOR

#106 - 4x8"

CONFERENCE ROOM B

#107 - 9x9"

SUITE 300

WELLS FARGO MORTGAGE DEPARTMENT

#108 - 9x9"

RADIOLOGY

Dr. William Sound

Dr. Dana Hendersmith

Dr. Carlton H. Zimmer

#109 - 10x10"

Modified Non-Glare Acrylic

Back Painted or Digital Background

Precision Cut Tactile Characters

Characters bonded under extreme pressure

Clear Braille embedded into the surface

11 | Changeable Message

Window slot signs offer the advantage of quick in-house changes. Simply print out a new name or message on paper and insert it into the clear window opening. Any number of slots can be fabricated. Custom sizes and layouts are available.
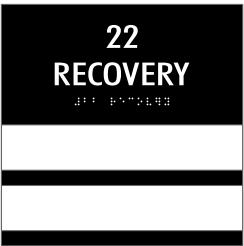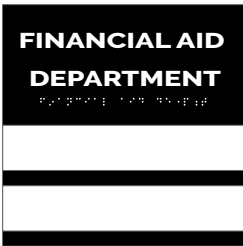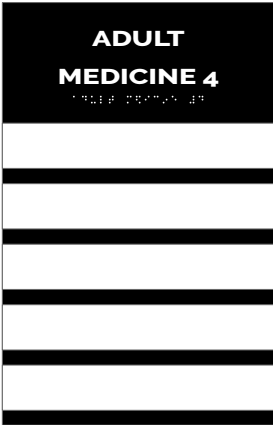
22
RECOVERY

#200 - 8x8"

MARKETING
DIVISION

#200 - 8x8"

FINANCIAL AID
DEPARTMENT

#200 - 8x8"

HUMAN
RESOURCES

#201 - 8x8"

SCIENCE LAB
1002

#201 - 8x8"

ADULT
MEDICINE 4

#202 - 14x9"

PATIENT
ROOM 30

#203 - 10x8"

BULLETIN

(8.5 x 11" Paper Insert)

#204 - 14x8.5"

CONFERENCE ROOM

(8.5 x 11" Paper Insert)

#205 - 11.5x11"

SEQUOIA
CONFERENCE
ROOM

Not In Use | In Use

#206 - 8x8"

8
TREATMENT
ROOM

Not In Use | In Use

#206 - 8x8"

505

#207 - 7x7"

Acrylic Backer Panel

Spacer (Area for paper Inset)

Face Panel with Clear Window Area

Precision Cut Tactile Characters

Braille embedded into the surface if required
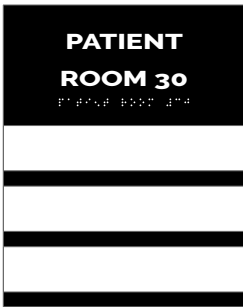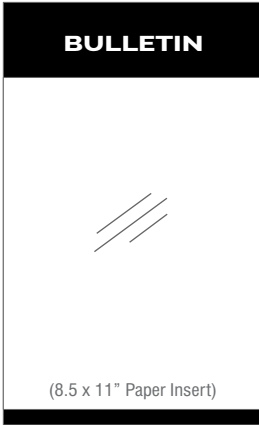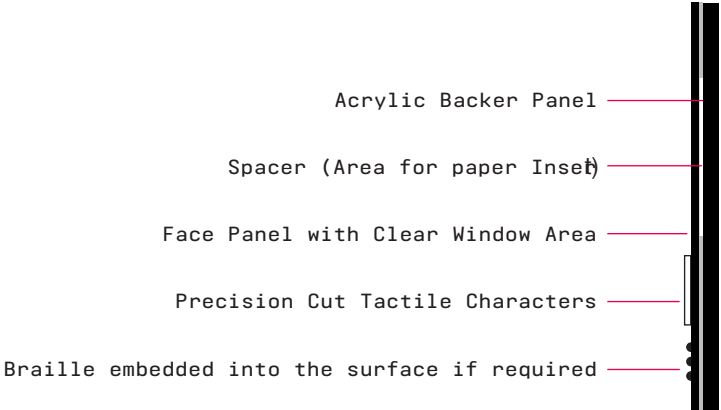
ADA restroom signs require raised characters and Braille. The ISA symbol (wheelchair) should be added to the sign if the restroom is wheelchair accessible. Custom sizes, colors, and layouts are available.

#310 - 8" x 8"
310-ACR
310-POLY

#320 - 8" x 8"
320-ACR
320-POLY

#330 - 8" x 8"
330-ACR
330-POLY
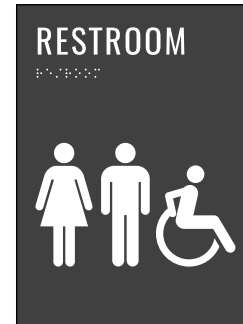
#340 - 6" x 8"
340-ACR
340-POLY

#345 - 6" x 8"
345-ACR
345-POLY

#360 - 6" x 8"
360-ACR
360-POLY

#370 - 6" x 8"
370-ACR
370-POLY

#380 - 6" x 8"
380-ACR
380-POLY

#390 - 4" x 8"
390-ACR
390-POLY

#395 - 11" x 9"
395-ACR
395-POLY

#420 - 9" x 12" Overhead

Modified Non-Glare Acrylic

Back Painted or Digital Background

Precision Cut Tactile Characters

Characters bonded under extreme pressure

Clear Braille embedded into the surface if required

California requires a separate geometric door sign. The sign color needs to contrast with the door color.
Single user restrooms are required to be identified as gender neutral.

RESTROOM

#350 - 12"

WOMEN

#351 - 12"

MEN

#352 - 12"

GENDER NEUTRAL RESTROOM

#353 - 12"

ALL GENDER RESTROOM
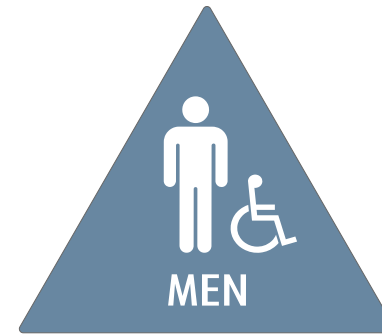
#354 - 12"

#355 - 12"

14 | Directional Wayfinding Signs

Directional signs provide clear access information throughout a building. Signs can be wall mounted, flag mounted, or suspended from a ceiling

Dover Medical Center

Nuclear Medicine	230
Medical Imaging Center	270
Occupational Health	290
Cardiopulmonary Center	330
Dermatology	360
Orthopedic Department	390

#400 - 7" x 7"

Emergency Room →

#410 - 7" x 46" Overhead

ELEVATORS

#420 - 9' x 12" Overhead

→ Cafeteria
Waiting Room
Restrooms
Conference Center

← Gift Shop
Nurses Station 6
Elevators
Family Chapel

#430 - 16" x 14"

1st Floor

Desmond and Desmond	←
Capitol Morning Report	←
Legislative Counsel Review	←
Smith, Watt and Martinez	→
Ventura County Star	→
High Speed Rail Authority	→

#440 - 13" x 13"

→ 301-333
← 336-393
← Ice-Vending

#450 - 6" x 9"

EXIT TO
WAITING ROOM
→

#460 - 6" x 9"

←	Waiting Room
→	Business Marketing
→	Conference Rooms
→	Human Resources
→	Elevators - Stairs

#470 - 10" x 14"

Cafeteria
Vending
↑

#480 - 9" x 9"

Cafeteria
Vending
→

#480 - 9" x 9"

15 | Stair - Code Signs

Stair and code signs are not only required, but can also provide vital information in an emergency. Check your local and state regulations for any variances to federal ADA laws. Custom sizes and layouts are available.

MAXIMUM OCCUPANCY 208

#500 - 8" x 8"
500-ACR

STAIRS

#510 - 8" x 8"
510-ACR
510-POLY

ACCESSIBLE ROUTE

#540 - 9" x 7"
540-ACR

ACCESSIBLE ENTRANCE

#545 - 9" x 7"
545-ACR

#550 - 6" x 6"
550-ACR

EAST STAIRS NO ROOF ACCESS 1 — 1 THRU 8
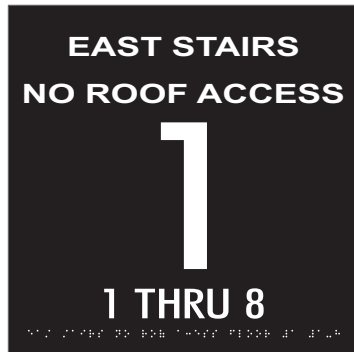
#570 - 12" x 12"
570-ACR
570-POLY

IN CASE OF FIRE USE STAIRS — DO NOT USE ELEVATOR

#580 - 10" x 8"
580-ACR
580-POLY

EAST STAIRS NO ROOF ACCESS 3 — 1 THRU 8 — EXIT DISCHARGE ON FLOOR 1

#590 - 18" x 12"
590-ACR

FLOOR ★1

#560 - 6" x 6"
560-ACR
560-POLY

LEVEL 8

#565 - 6" x 6"
565-ACR
565-POLY

FIRE EQUIPMENT

#520 - 8" x 8"
520-ACR

THIS IS A NON SMOKING BUILDING

#530 - 8" x 8"
530-ACR

Exit and evacuation signs help guide and direct people safely out of a building. Many require raised characters and Braille. Check your local and state regulations for any variances to federal ADA laws. Printed evacuation maps also available.

EXIT ROUTE
770 6x6"

EXIT
790 6x6"

EXIT STAIR DOWN
720 6x6"

EXIT STAIR UP
724 6x6"

NOT AN EXIT
728 6x6"

FIRE EXIT
726 6x6"

EMERGENCY EXIT ONLY
Alarm Will Sound
710 7x11"

EXIT TO LOBBY AREA
712 7x11"

EXIT THIS WAY
716 8x8"

EXIT ROUTE
730 6x11"

AREA OF REFUGE ASSISTANCE
If you require assistance to exit this building, please proceed to the enclosed stairwell.
756 12x10"

AREA OF REFUGE ASSISTANCE
750 11x8"

EVACUATION PLAN
(8.5 x 11" Paper Insert)
740 11.5x11"
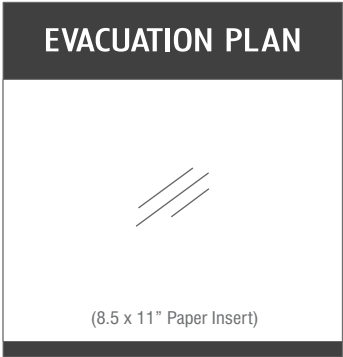
Use the floor plan below and on the next page to see which ADA, code, and other signs are required on a typical project. Signs are required for both public access areas as well as all employee areas. Typical mounting locations are shown on plan.

ISA Entry

CHECK-IN
All Visitors
Please Sign in at
Administration
→

Informational

THIS IS A NON-SMOKING FACILITY

No Smoking

BUSINESS MARKETING DIVISION

Room ID

FIRST AID
and Emergency
Response
Information

Safety Sign

EXIT

Exit

EXIT ROUTE

Exit Route

RESTROOM

Restroom Door (CA Only)

RESTROOM

Restroom Wall

Cafeteria Vending
→

Directional

AUTHORIZED PERSONNEL ONLY

Informational

SEQUOIA CONFERENCE ROOM

Not In Use | In Use

Slider Plate

Use the floor plan below and on the previous page to see what ADA, code, and other signs are required on a typical project.
Check your local and state code for any variances. Add your text to any sign below.
Custom sizes, colors, and layouts are available.

22 RECOVERY

Patient ID

CONFERENCE ROOM

(8.5 x 11" Paper Insert)

Message Holder

EMERGENCY EXIT ONLY

Alarm Will Sound

Exit Sign

EAST STAIRS NO ROOF ACCESS

1

1 THRU 8

Stairwell Sign

FLOOR ★1

Floor ID

STAIRS

Stairs Sign

EMERGENCY MEDICAL STAFF ONLY

Informational

HUMAN RESOURCES

Window Slot

IN CASE OF FIRE USE STAIR

DO NOT USE ELEVATOR

Fire Code

EVACUATION PLAN

(8.5 x 11" Paper Insert)

Evacuation Map Holder

EXIT STAIR DOWN

Exit Stair
at non-exiting levels

19 | Sign Regulations

Laws regarding signage can exist on the national, state, or local level. The chart below helps illustrate this point. It is important to be aware that your particular state or local codes may vary or supercede federal ADA laws.

Federal ADA

The Federal ADA law, for the most part, covers signs that identify, direct, or provide information regarding a particular room, area, or space.

BUSINESS MARKETING DIVISION

306

RESTROOM

→ 301-333
← 336-393
← Ice-Vending

AUTHORIZED PERSONNEL ONLY
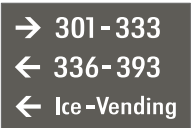
LEVEL 8

State Regulations

Some states, such as California and New York, have additional laws or regulations that may vary or supercede federal requirements.

RESTROOM

ACCESSIBLE ROUTE

THIS IS A NON SMOKING BUILDING

GENDER NEUTRAL RESTROOM

IN CASE OF FIRE USE STAIRS

DO NOT USE ELEVATOR

Local Level

Other sign types are governed at the local level (often by the fire marshal or building department) and can vary from area to area.

EAST STAIRS NO ROOF ACCESS
1
1 THRU 8

MAXIMUM OCCUPANCY
208

EVACUATION PLAN

EMERGENCY EXIT ONLY
Alarm Will Sound

FIRE EQUIPMENT

The proper spacing and size of different elements of an ADA sign is vital when someone is trying to read the sign visually or by touch. Characters, graphics, or Braille that are too close together or are too small make it hard to read or understand.

STAFF RESTROOM

6" Pictograms shall have a field height of 6" - No text or Braille shall be located in this area

5/8" Minimum character height is 5/8" - Maximum character height is 2"

135% Minimum line spacing based on character height - Maximum line spacing is 170%

1" Minimum space required for one line of Braille - 1.5" for two lines of Braille

3/8" Minimum margin or clear space around all raised elements of the sign

RES

15% Maximum stroke thickness based on character height as measured at the top of a beveled character

1/8" Minimum character space as measured at the top of a beveled character

3/8" to a 1/2" space between last line of text and Braille

1/4" Braille height is approximately 1/4" tall for one line of text

Character Height

Use this chart to determine the required character size of your ADA sign based on the mounting height of the sign and the likely viewing distance. The minimum character height will be indicated in the corresponding box below

Sign Mounted between 40 - 70"

40" - 70"

Reading Distance

Distance sign is to be read ⟶

Minimum size of lettering ⟶

Under 6 Feet	7 Feet	8 - 9 Feet	10 - 11 Feet	12 - 13 Feet	14 - 15 Feet
5/8"	3/4"	1"	1.25"	1.5"	1.75"
16 - 17 Feet	18 - 19 Feet	20 - 21 Feet	22 - 23 Feet	24 - 25 Feet	26 - 27 Feet
2"	2.25"	2.5"	2.75"	3"	3.25"

Sign Mounted between 70 - 120"

70" - 120"

Reading Distance

Distance sign is to be read ⟶

Minimum size of lettering ⟶

Under 15 Feet	16 - 17 Feet	18 - 19 Feet	20 - 21 Feet	22 - 23 Feet	24 - 25 Feet
2"	2.25"	2.5"	2.75"	3"	3.25"
26 - 27 Feet	28 - 29 Feet	30 - 31 Feet	32 - 33 Feet	34 - 35 Feet	36 - 37 Feet
3.5"	3.75"	4"	4.25"	5"	5.25"

Sign Mounted over 120" (10 feet)

10 feet and above

Reading Distance

Distance sign is to be read ⟶

Minimum size of lettering ⟶

Under 21 Feet	22 - 23 Feet	24 - 25 Feet	26 - 27 Feet	28 - 29 Feet	30 - 31 Feet
3"	3.25"	3.5"	3.75"	4"	4.25"
32 - 33 Feet	34 - 35 Feet	36 - 37 Feet	38 - 39 Feet	40 - 41 Feet	42 - 45 Feet
4.5"	4.75"	5"	5.25"	5.5"	6"