

# CA SIGN INSTALLATION GUIDE

FOR NEW CONSTRUCTION & RENOVATIONS, AS PER CALIFORNIA 2016 BUILDING AND FIRE CODES

## GENERAL INSTRUCTIONS

1. Verify the wall, door, or ceiling surface is smooth and free of any dirt or dust. Complete any wall treatments, such as wallpapering or painting, prior to sign installation.
2. Use the following information to determine the mounting height for your specific sign type.
3. Then install using one of the three mounting methods shown on the last page of this guide: adhesive tape, screw mounting, or silicone adhesive.

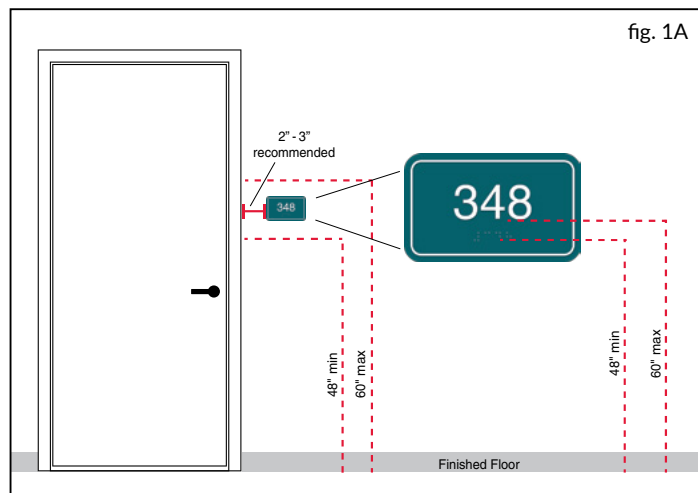
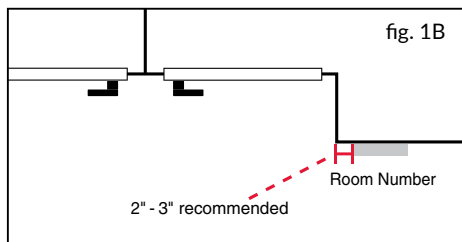
### DESIGN TIP

We recommend installing all of our signs at 54" from the center of the sign to the floor for both CBC and ADA compliancy and visual consistency.

## TACTILE WALL INSTALLATION

☑ For tactile signs, California Building Code (CBC) requires that the baseline of the lowest braille cell be a minimum of 48" above the finished floor, and the baseline of the highest raised character be a maximum of 60" above the finished floor. (see fig. 1A) We recommend installing our signs at 54" from the center of the sign to the floor.

☑ For wall signs located near a door, the ADA requires signs to be mounted on the latch side of the door. Where there is no wall space at the latch side of a single door, signs must be installed on the nearest adjacent wall. (see fig. 1B)



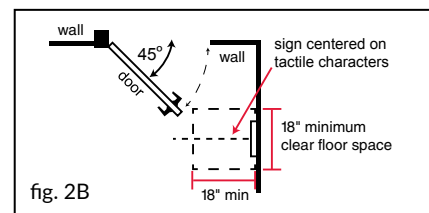
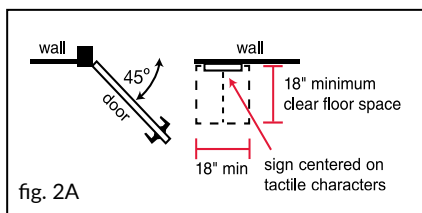
Tactile Wall Installation

## FLOOR CLEARANCE

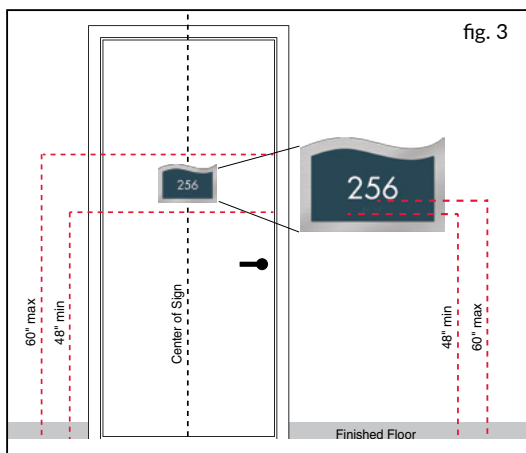
When a door swings into a hallway, signs with raised characters must be centered on the letters in a clear floor space of 18" minimum by 18" minimum. This floor space must be outside of the swing of the door. (see fig. 2A)

If there is no room on the latch side of the door, the sign must be installed on the nearest adjacent wall with the 18" minimum clear floor space. (see fig. 2B)

### Floor Clearance for Doors that Swing into Hallways



## TACTILE DOOR INSTALLATION



Tactile Door Installation

You may install your tactile signs directly on the door only when these 4 requirements are met:

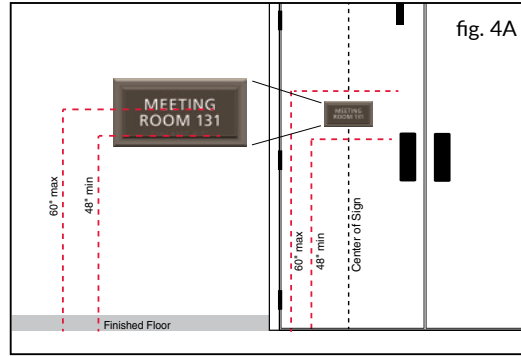
- There is no available space on the wall to hang the sign adjacent to the door.
  - The sign will be hung on the push side of the door.
  - The door has an automatic closer that is ADA compliant.
  - The door does not have a hold-open device.
- ☑ The CBC requires that the baseline of the lowest braille cell be a minimum of 48" above the finished floor, and the baseline of the highest raised character be a maximum of 60" above the finished floor. (see fig. 3) We recommend installing our signs at 54" from the center of the sign to the floor.

## QUESTIONS

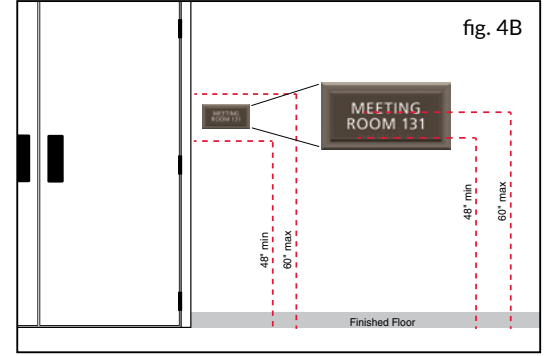
If you have questions or a special installation circumstance, please contact us. If you have questions about the ADA or to understand your responsibilities, please visit [www.bsc.ca.gov](http://www.bsc.ca.gov) or [www.ada.gov](http://www.ada.gov).

## DOUBLE-DOOR INSTALLATION

- ☑ Install the tactile sign centered on the inactive (locked) leaf of a double-door. (see fig. 4A)
- ☑ If the double-door contains two active leaves (neither door is locked in place), the sign should be mounted on the wall to the right of the double-doors. (see fig. 4B)



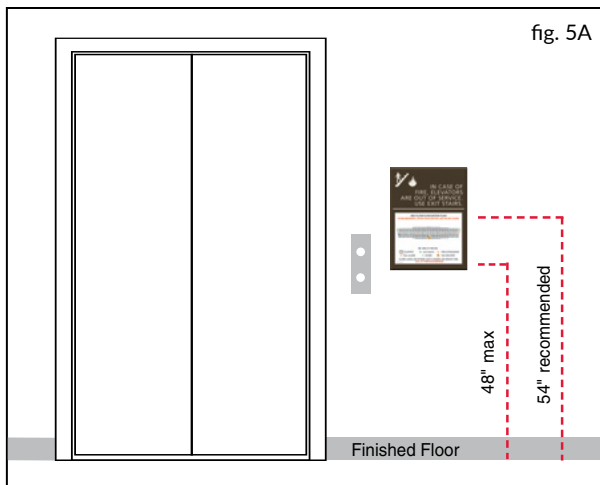
Installation for Double-Doors with a Locked Leaf



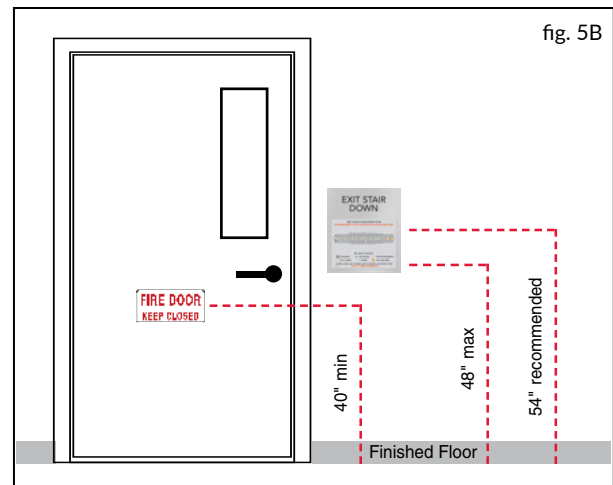
Alternate Wall Installation for Double-Doors

## EVACUATION PLANS

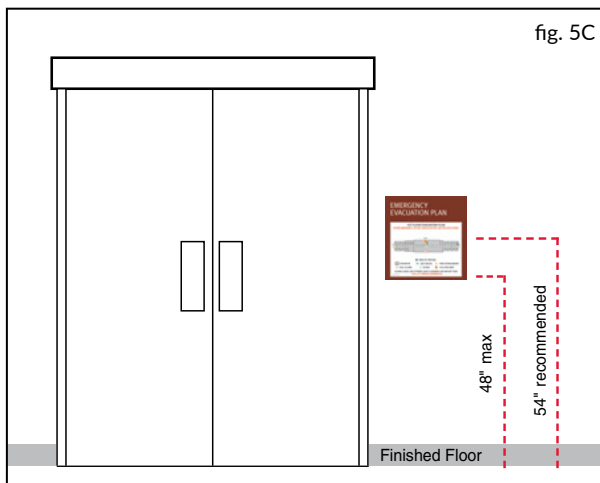
- ☑ The CBC requires evacuation plans for building entrances, stairway landings, and elevator landings to be installed with the bottom of the map no higher than 48" above the finished floor. (see fig. 5A, 5B, 5C)
- ☑ We recommend installing evacuation map holder signs with the center of the sign at 54" above the finished floor to comply with both ADA and California requirements. (see fig. 5A, 5B, 5C)
- ☑ When installing evacuation plans without holders, install with the bottom of the map no higher than 48" off the floor. (see fig. 5D)



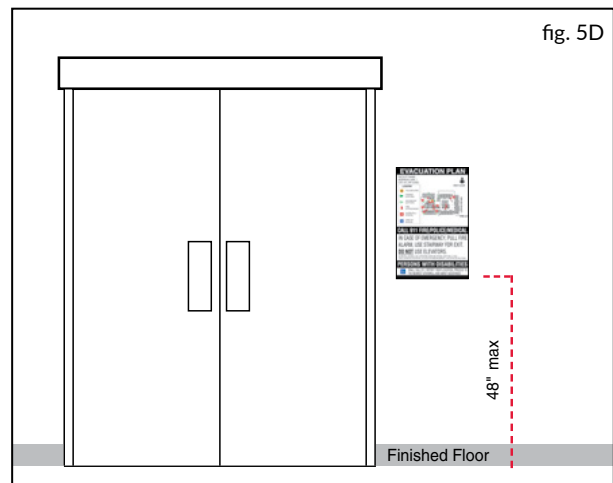
Evacuation Plans at Elevator Landings



Evacuation Plans at Stairway Landings



Evacuation Plans at Building Entrances



Evacuation Map - No Holder

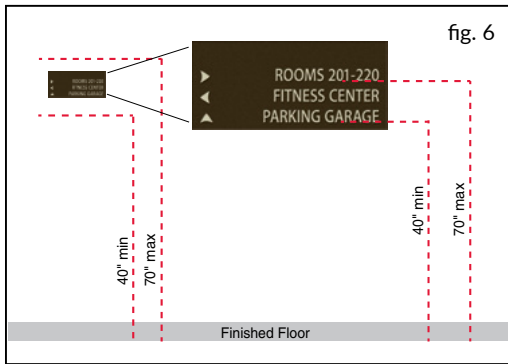


fig. 6

## VISUAL CHARACTER SIGNS

- There is no set standard for the location of visual signs and they can be installed anywhere in the facility.
- The ADA requires visual signs with text 2" and under in height to be installed with the baseline of the lowest visual character a minimum of 40" above the finished floor, and the bottom of the highest visual character a maximum of 70" above the finished floor. (see fig. 6) We recommend installing our signs at 54" from the center of the sign to the floor.

Visual Character Signs

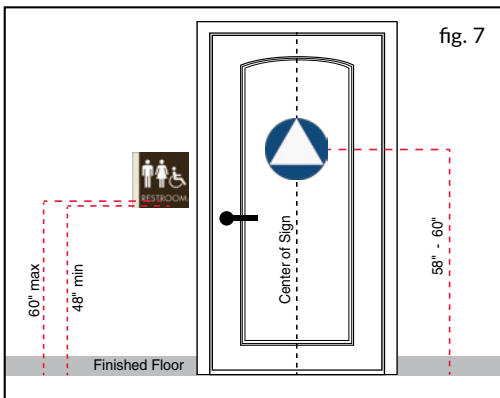


fig. 7

## GEOMETRIC RESTROOM SIGNS

- Mount on the door when one is provided, otherwise mount on the wall.
- The CBC requires the geometric restroom sign to be installed within 1 inch of the vertical centerline of the door, with the center of the sign 58" - 60" above the finished floor. (see fig. 7)
- Install a tactile restroom sign with braille adjacent to the door to comply with ADA requirements for permanent spaces.

Geometric Restroom Sign

## PERPENDICULAR & CEILING

- The ADA requires signs that project from the wall (perpendicular signs) or ceiling (overhead signs) to have a clearance of 80" min. from the finished floor to the bottom of the sign.
- Signs should not interfere with or block the function of any doors, emergency equipment, or sprinklers.
- Using a level to ensure the sign is straight, mount the sign to the wall or ceiling with the supplied bracket and hardware. Depending on the wall or ceiling type, you may need to insert anchors prior to fastening hardware.

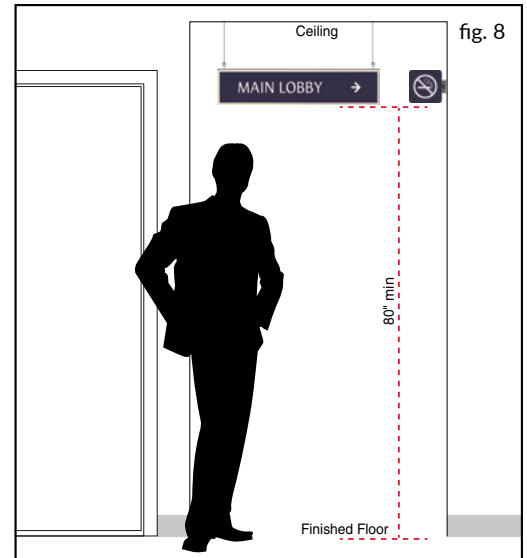


fig. 8

Perpendicular & Ceiling Installation

# MOUNTING METHODS

Choose the mounting method best suited for your specific sign material and mounting surface.

### Adhesive Tape

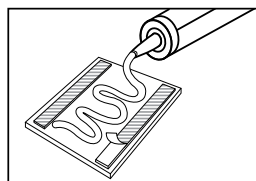
Remove the adhesive tape backing. Using a level to ensure the sign is straight, press the sign firmly to the wall.

### Screw Mounting

Using a level to ensure the sign is straight, mark the wall through the screw holes. Drill holes and then insert anchors into the wall. Holding sign in place, fasten screws into wall anchors.

For signs with frames and screw holes, first remove the sign face. Next, position the frame on the wall, and follow the above instructions. Then replace the sign face.

### Silicone Adhesive



When installing signs requiring silicone adhesive, be sure to read and follow the manufacturer's instructions.

For heavy signs, exterior signs, or when applying to textured wall surfaces, it is recommended to use a silicone construction adhesive\* in addition to the adhesive tape on the back of the sign. Apply silicone adhesive as illustrated and remove the adhesive tape backing. Using a level to ensure the sign is straight, press the sign firmly to the wall.

\*Silicone sealant is different from silicone adhesive. Please be sure to use a silicone adhesive to guarantee proper adhesion.