Haws
Since 1906

MASTER CLASS

ADA Compliance for Bottle Fillers & Drinking Fountains

AUGUST 6, 2025 | 10-11AM PDT

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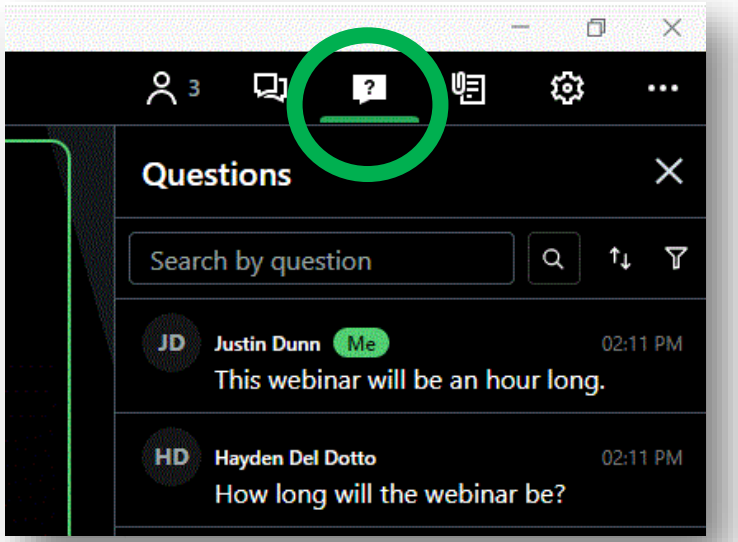
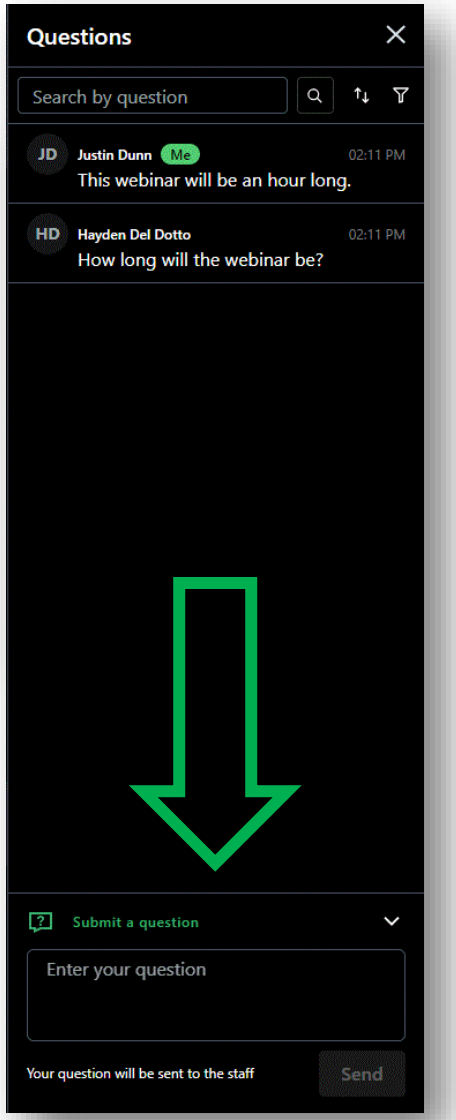
QUESTIONS & POLLS

Post questions at any time during the presentation using the **Questions** section on control panel.

Any questions that cannot be addressed during Q&A will be answered either via email or in the follow-up email.

Poll Questions - Poll questions (5 total) will be launched throughout the presentation. Your participation is appreciated.





HOUSEKEEPING

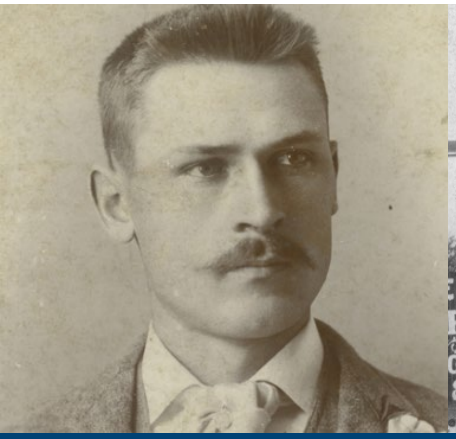
A follow up email will be sent within 24 - 48 hours after the presentation and will include:

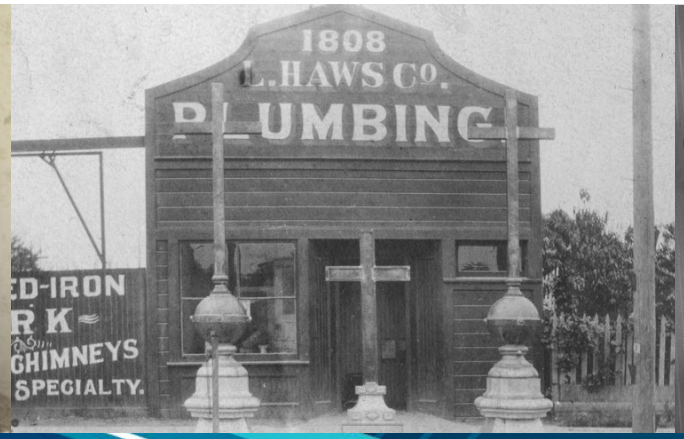
- On-Demand Recording
- Presentation Slides
- Additional Support Materials
- CEU Instructions (ABIH, AIA, IFMA, & ASPE)
- Q&A

ABOUT HAWS®

Luther Haws designed the modern drinking fountain in 1906 and started the Haws Sanitary Drinking Faucet Company in 1909 in Berkeley, CA.

Haws is a world-class leader in developing Drinking Fountain Products to innovative and feature-rich hygienic hydration solutions.





AGENDA

MASTER CLASS

- Overview of ADA Legislation for Drinking Fountains
- Common ADA Installation Issues
- ADA Compliant Drinking Fountain and Bottle Filler Installations
- Hygienic Hydration Solutions
- Q&A

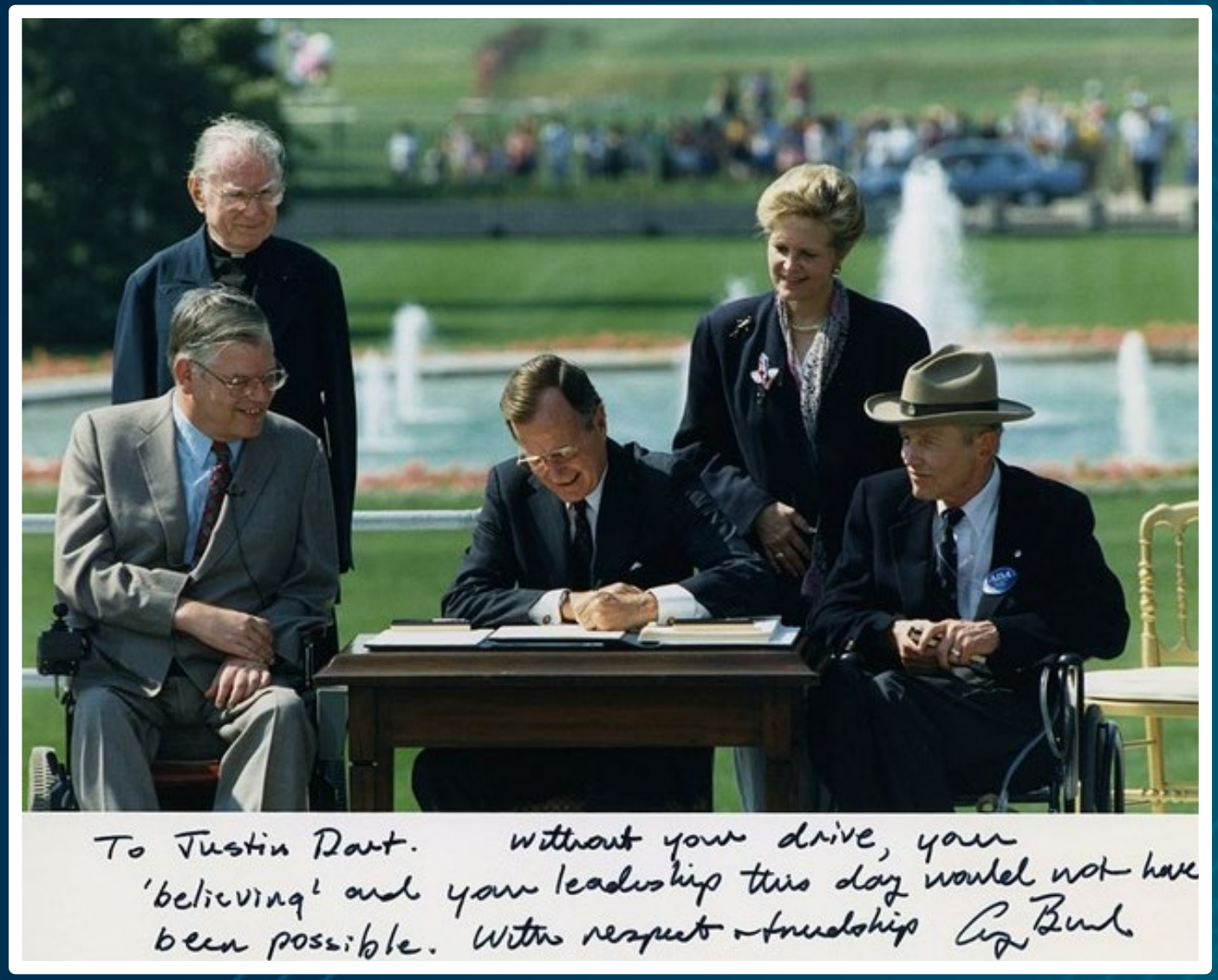
Overview of ADA Legislation for Drinking Fountains

Evolution of ADA Regulations: Accessibility Standards for Drinking Fountains

MASTER CLASS

SAN FRANCISCO 1987

July of 1990



POLL QUESTION

1

2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

MASTER CLASS

United States Access Board

Advancing Full Access and Inclusion for All

Americans with disabilities act 28 CFR Part 36, title III, Public Accommodations and Commercial Facilities

Non-discrimination on the Basis of Disability by Public Accommodations and in Commercial Facilities

36.401 & 403 New Construction and Alterations

36.403 Alterations: **Path of Travel**

(g) Duty to Provide Accessible Features

(2) **Priority shall be given to those Elements that will provide the most access in the following order:**

1. An accessible entrance
2. Accessible route to the altered area
3. Accessible restrooms
4. Accessible telephones
5. **Accessible Drinking Fountains**
6. Parking, storage, and alarms

CHAPTER 1:
APPLICATION AND ADMINISTRATION 102 DIMENSIONS FOR ADULTS AND CHILDREN

These technical requirement are based on adult dimensions and anthropometrics. In **addition, this document includes technical requirements based on children's dimensions and anthropometrics for drinking fountains**, water closets, toilet compartments, lavatories and sinks, dining surfaces, and work surfaces.

CHAPTER 2: SCOPING REQUIREMENTS

211 Drinking Fountains

211.2 Minimum Number

- No fewer than two drinking fountains shall be provided.
- One drinking fountain shall comply with 602.1 through 602.6 **[*for wheelchair accessibility*]**, and one drinking fountain shall comply with 602.7 **[*for standing persons with disabilities bending or stooping*]**

ADA Accessible
Hi-Lo Model 1011HSA.8
Now Available with
the NEW Rivive Bottle Filler System

CHAPTER 2: SCOPING REQUIREMENTS

211 Drinking Fountains *(continued)*

211.3 More than Minimum Number

- Where more than the minimum number of drinking fountains specified in 211.2 are provided, 50 percent of the total number of drinking fountains provided shall comply with 602.1 through 602.6, and 50 percent of the total number of drinking fountains provided shall comply with 602.7.
- **Exception:** Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down.

CHAPTER 3: BUILDING BLOCKS

Chapter 3 of the standards provides the **dimensional and mechanical requirements** that apply to all building elements, to make them accessible to the disabled.

Let's revisit chapter 1, section 106's definition:

- **Element:** an architectural or mechanical component of a building, facility, space, or site.

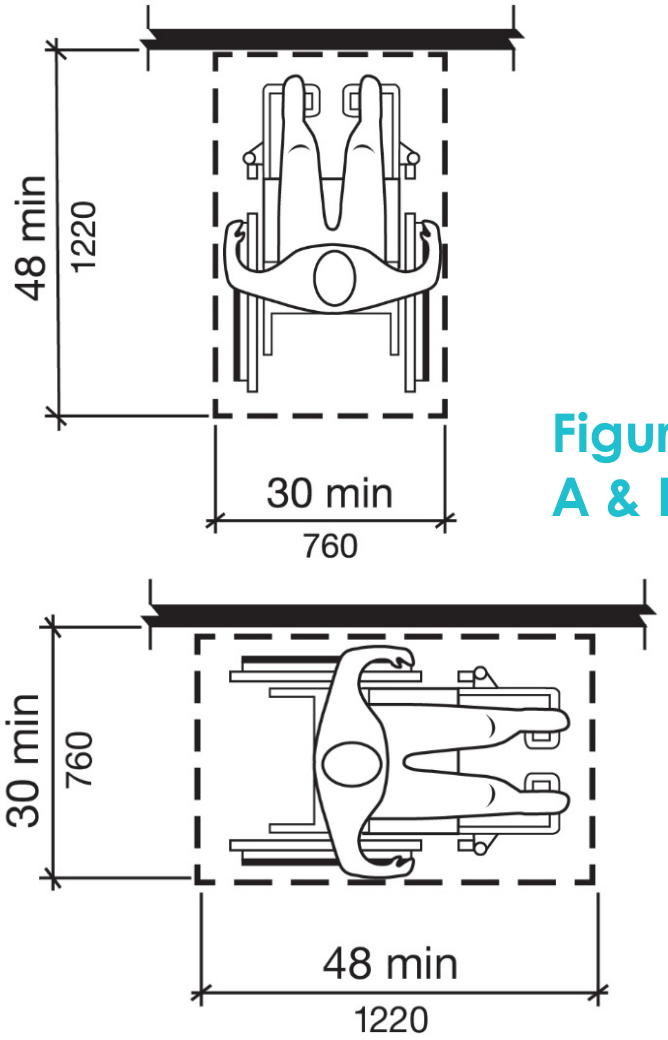
2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

305.3 Size

- **The clear floor or ground space shall be 30 inches minimum by 48 inches minimum.**

305.5 Position

- Unless otherwise specified, clear floor or ground space shall be **positioned for either a Forward or a Parallel approach** to an element.



Figures 305.5 A & B

305.5 Position

- Clear floor or ground space shall be **positioned for either a Forward or a Parallel approach** to an element.

305.7 Maneuvering Clearance

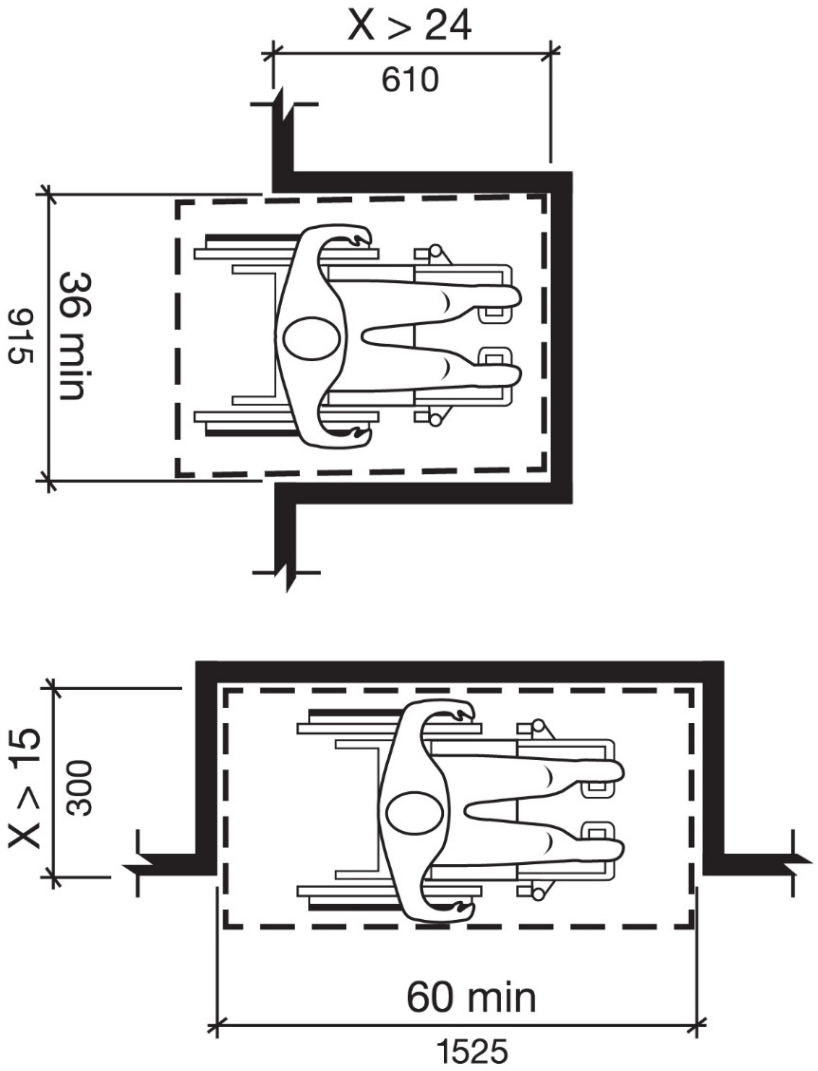
- Floor or ground space located in an alcove shall have additional maneuvering clearance.

305.7.1 Forward Approach

- Alcoves shall be 36 inches wide minimum where the depth exceeds 24 inches.

305.7.2 Parallel Approach

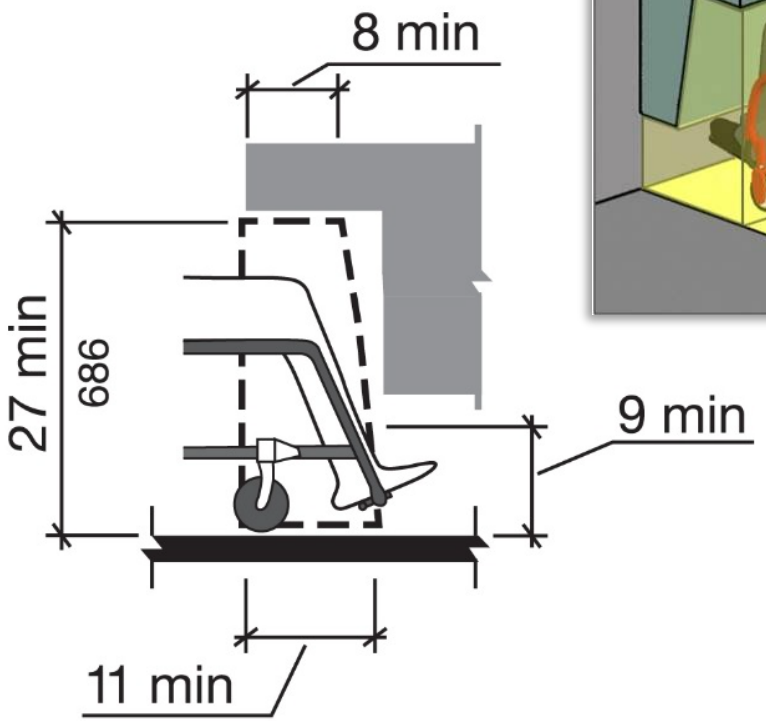
- Alcoves shall be 60 inches wide minimum where the depth exceeds 15 inches.



306.2 & 3 Toe and Knee Clearance

306.3.1 General

- Space under an element between 9 inches and 27 inches above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.



POLL QUESTION

2

307 Protruding Objects

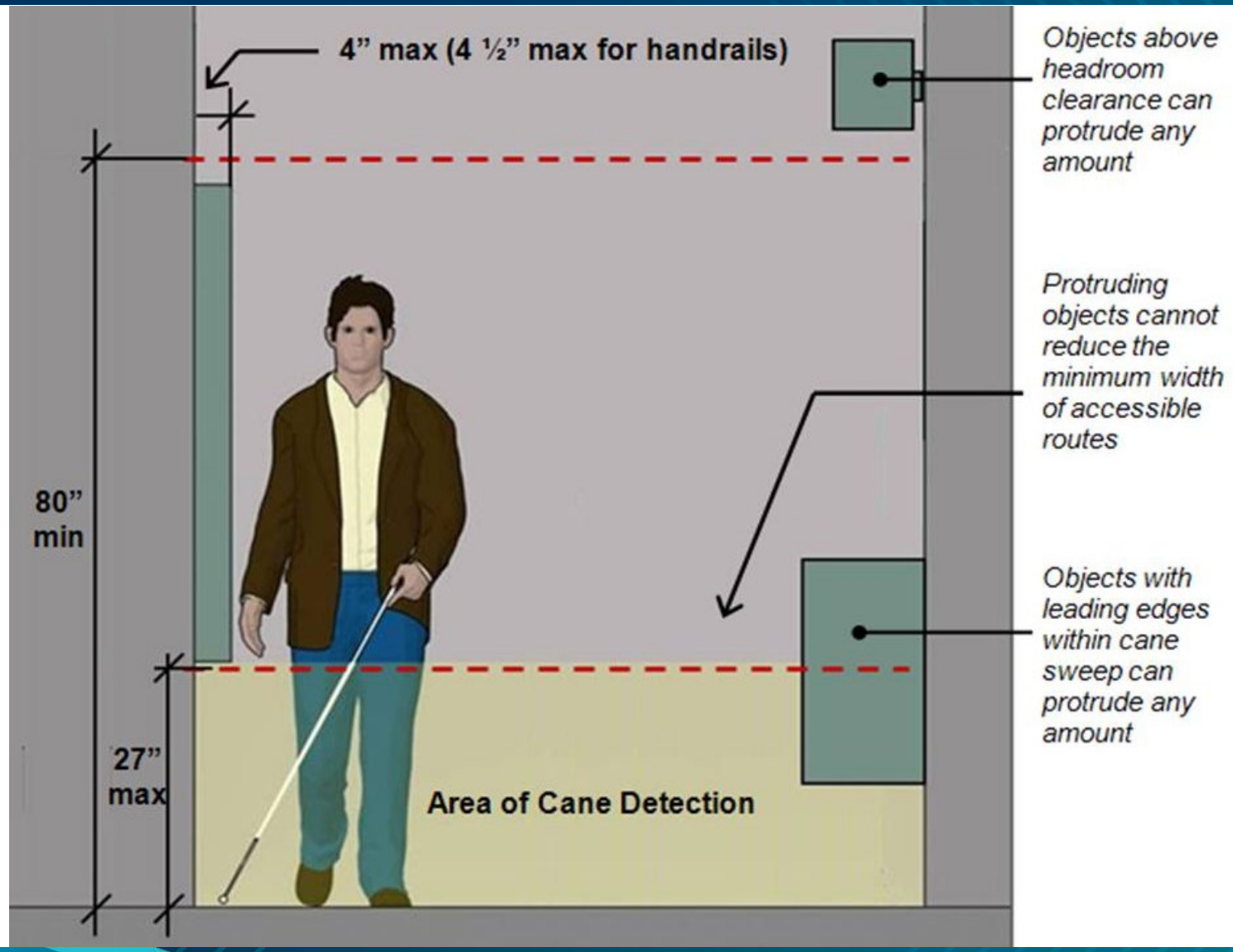
307.2 Protrusion Limits

- Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor or ground shall protrude 4 inches maximum horizontally into the circulation path.

DOJ Advisory 307.2 Protrusion Limits

- When a cane is used and the element is in the detectable range, it gives a person sufficient time to detect the element with the cane before there is body contact.

2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS



2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

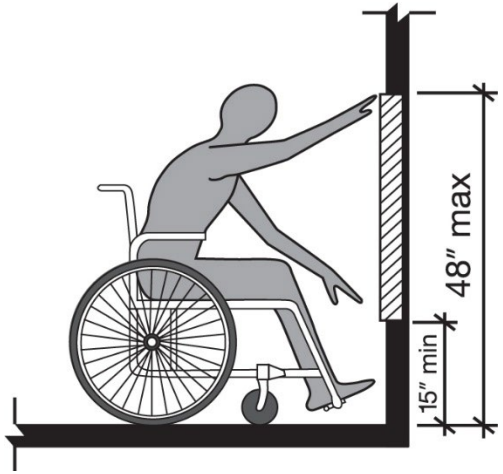
Where drinking fountains cannot be in an alcove out of the path of travel, then a cane touch skirt can be used to bring the high-side fountain's lower edge down to 27" above the finished floor.

Model SK3HPS
Cane touch skirt shown on ADA accessible hi-lo Model 1011HPS

308 Reach Ranges

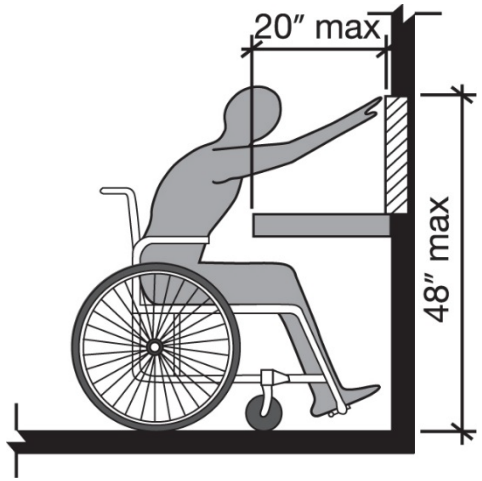
308.2.1 Unobstructed

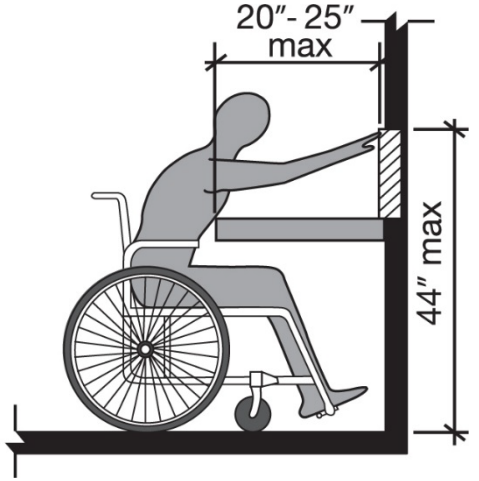
- Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum.



308.2.2 Obstructed High Reach

- Over an obstruction, the high forward reach shall be 48 inches maximum where the reach depth is 20 inches maximum, and 44 inches maximum where the reach depth is 20 to 25 inches maximum.





DOJ Advisory 11B – 308.1

- Reach ranges guidance table for children according to age where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children.
- These dimensions apply to either forward or side reaches.

Children's Reach Ranges

Forward or Side Reach	Ages 3 and 4	Ages 5 to 8	Ages 9 to 12
High (maximum)	36 Inches	40 inches	44 inches
Low (minimum)	20 Inches	18 inches	16 inches

CHAPTER 6: PLUMBING ELEMENTS AND FACILITIES

602 Drinking Fountain

602.2 Clear Floor Space

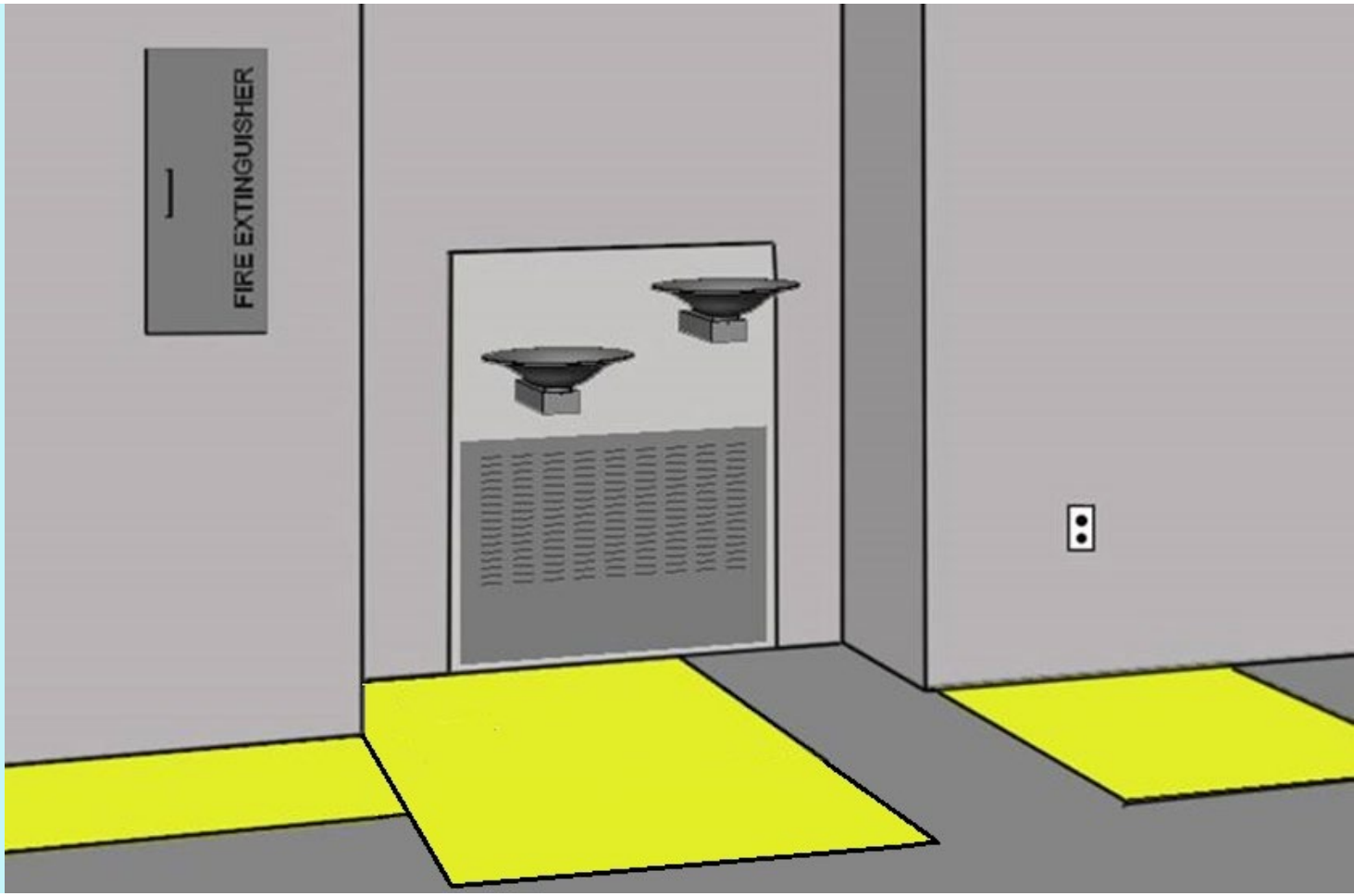
- Units shall have a clear floor or ground space complying with 305 **positioned for a forward approach and centered on the unit**.
  Knee and toe clearance complying with 306 shall be provided.

- **Exception:** A parallel approach complying with 305 shall be permitted at units for **children's use where the spout is 30" inches maximum above the finish floor or ground** and is 3-1/2 inches maximum from the front edge of the unit.

2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

CBC Section 11B-602.2

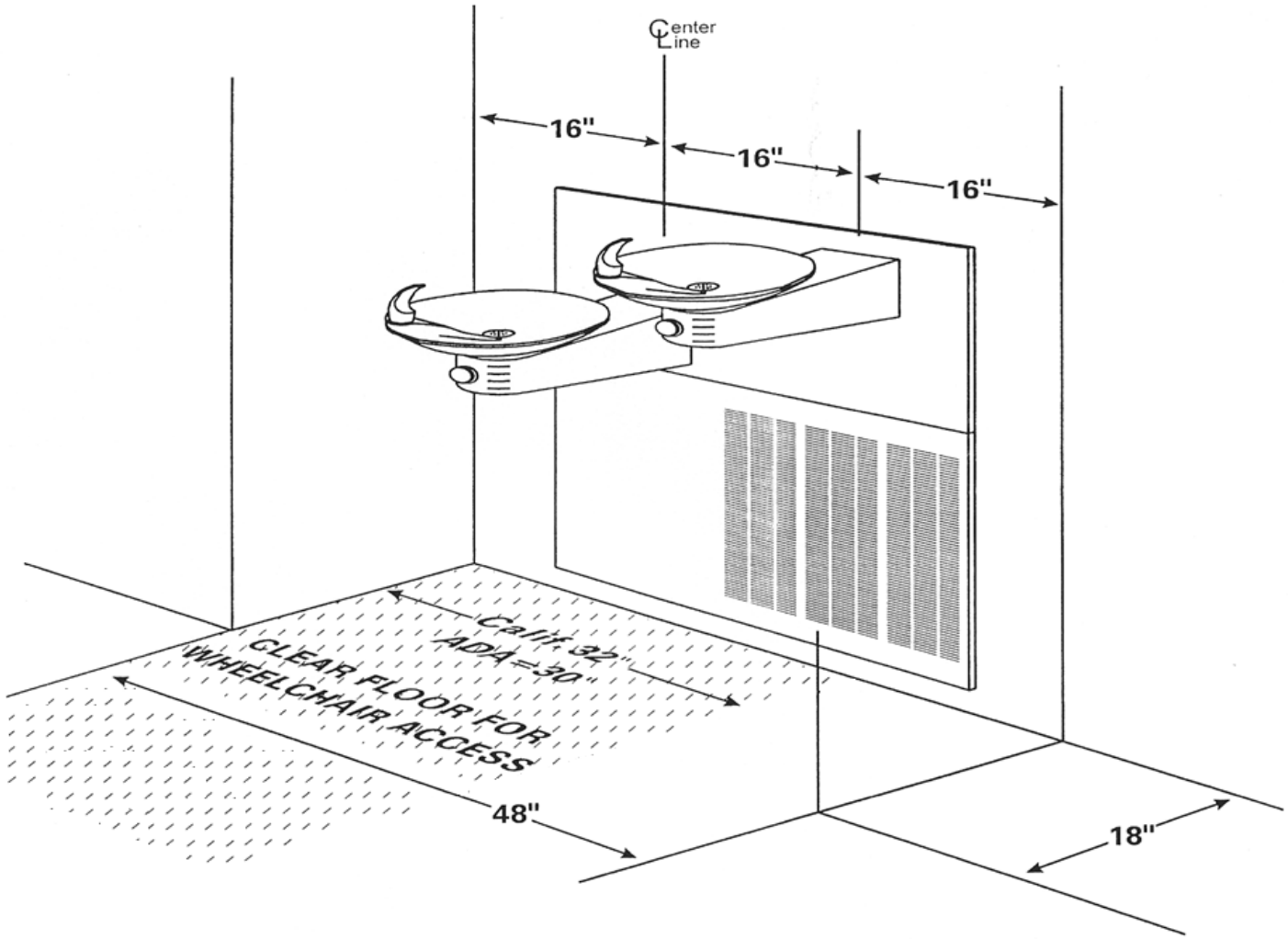
- **"Clear Floor Space"** provided for a forward approach and centered on the wheelchair accessible fountain bowl.



2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

CBC Section 11B-602.2

- **"Clear Floor Space"** provided for a forward approach and centered on unit.



POLL QUESTION

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2016 California Building Code, **Part 2, Vol. 1, Chapter 11B**, "*Accessibility to Public and Commercial Buildings, Public Accommodations and Housing*"

CHAPTER 6: PLUMBING ELEMENTS AND FACILITIES

11B-602 Drinking Fountains

11B-602.9 Pedestrian Protection

- ***All drinking fountains*** *shall either be* ***located completely within alcoves, or positioned completely within wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area shall be 32 inches wide minimum and 18 inches deep minimum,*** *and comply with Section 11B-305.7. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground.*

Note: Italics are Code sections California added to the Federal ADA

Common ADA Installation Issues

Addressing Common Challenges: ADA Compliance in Drinking Fountain Installations

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ADA INSTALLATION ISSUES - ALCOVES

ADA INSTALLATION ISSUES - ALCOVES

30 x 48” floor space is obstructed by the wall on the left, swapping the two units on the left would keep this compliant.

ADA INSTALLATION ISSUES - ALCOVES

The bottle filler must be on the lower fountain to allow access to those who are standing/stooping, and those utilizing a wheelchair.

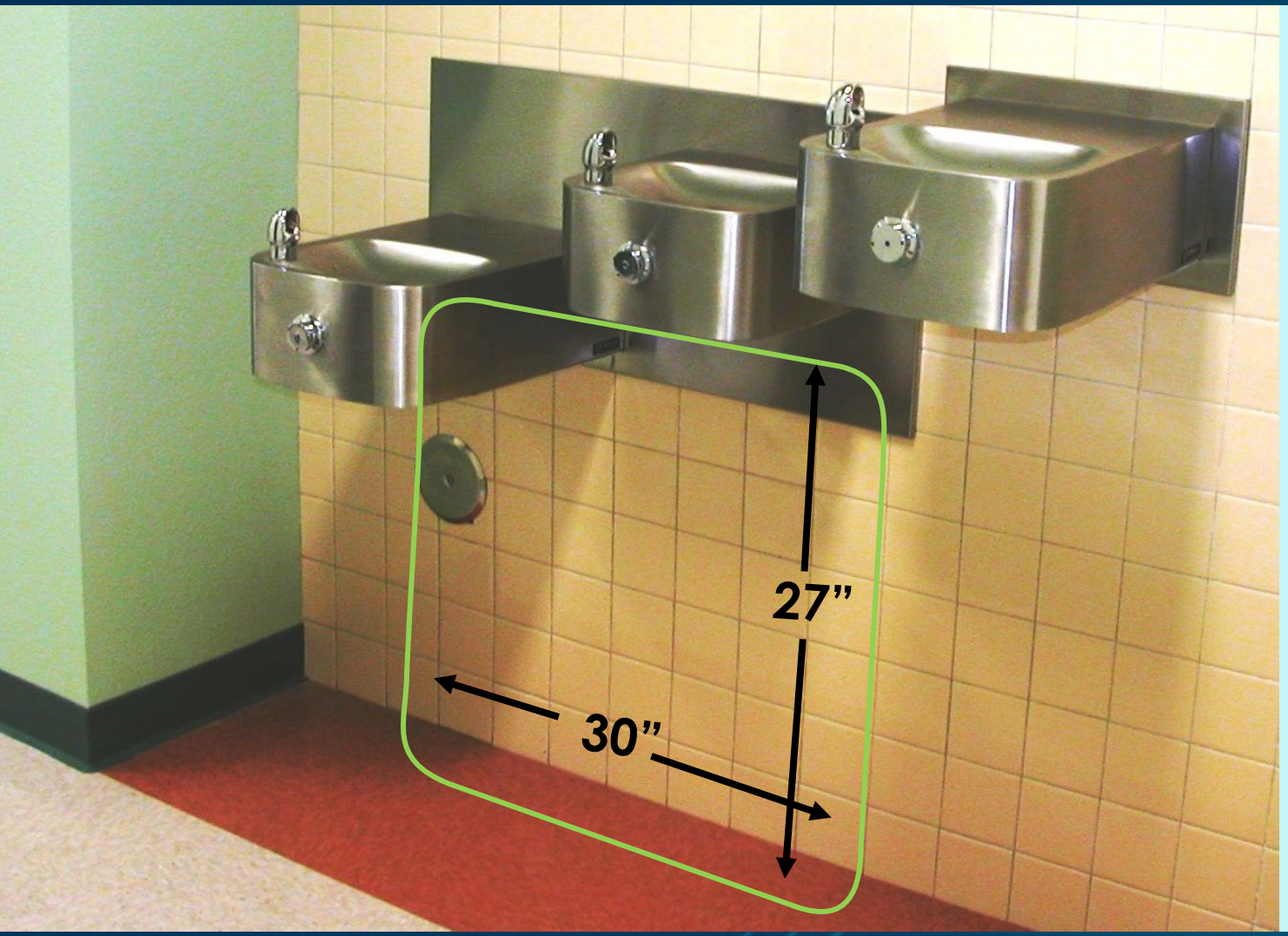
ADA INSTALLATION ISSUES – BOTTLE FILLERS

ADA INSTALLATION ISSUES – BOTTLE FILLERS

ADA INSTALLATION ISSUES - INTERIOR

Attempting a hi-lo installation with an additional fountain at child height…

ADA INSTALLATION ISSUES - INTERIOR



...and missing

ADA INSTALLATION ISSUES - OUTDOOR

ADA INSTALLATION ISSUES - OUTDOOR

ADA Drinking Fountain and Bottle Filler Installations

Meeting ADA Compliance: *Haws* Hydration Solutions

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Let's revisit **602.2** and this time consider the installation of drinking fountains for **children's use**:

602.2 Clear Floor Space

- Units shall have a clear floor or ground space complying with 305 **positioned for a forward approach and centered on the unit**.
  Knee and toe clearance complying with 306 shall be provided.

- **Exception:** A parallel approach complying with 305 shall be permitted at units **for children's use where the spout is 30" inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit.**

2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

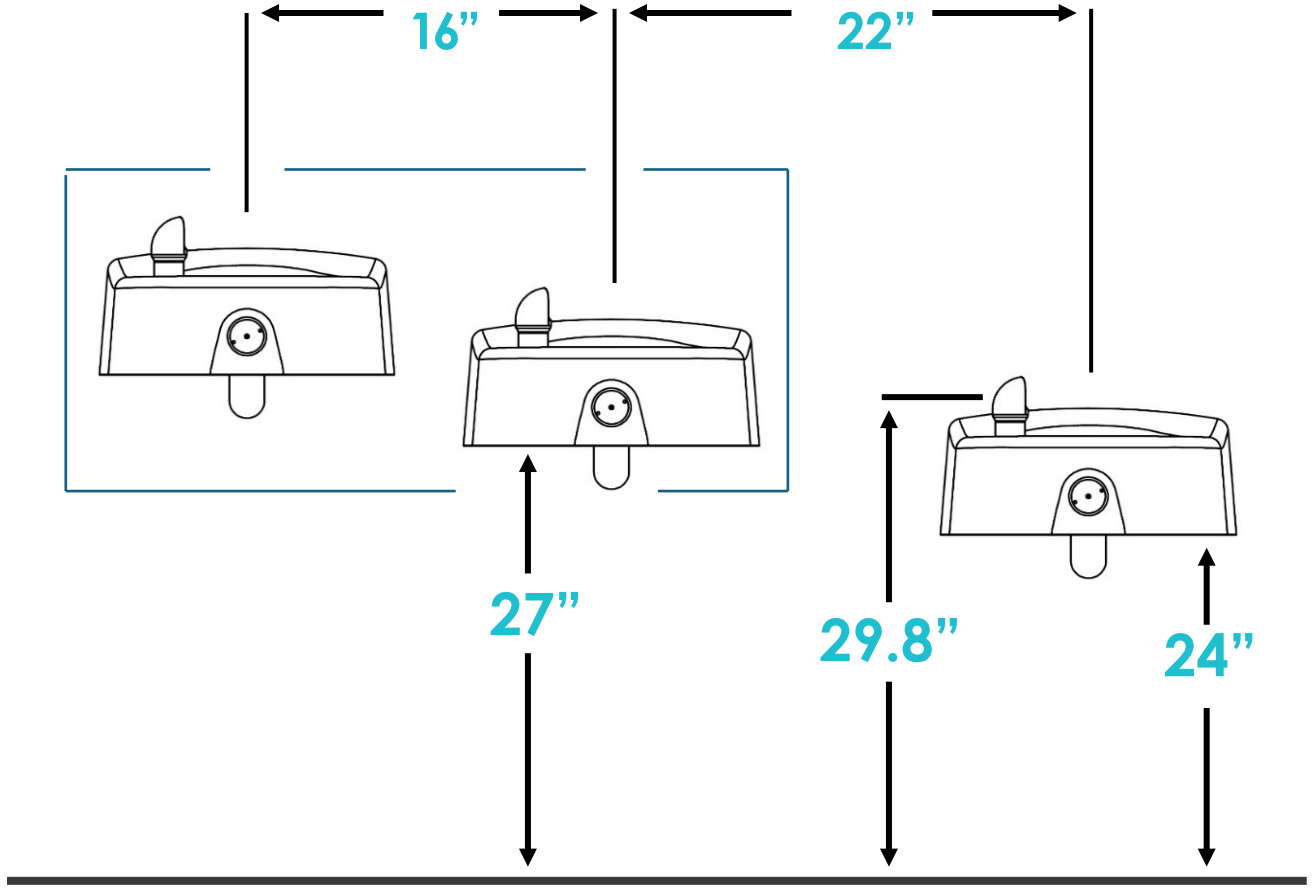
Model 1311
Enameled, cast-iron
drinking fountain

Model 1501
Hi-lo enameled, cast-iron
drinking fountain

Meeting All Three of the ADA Defined Drinking Fountain Heights

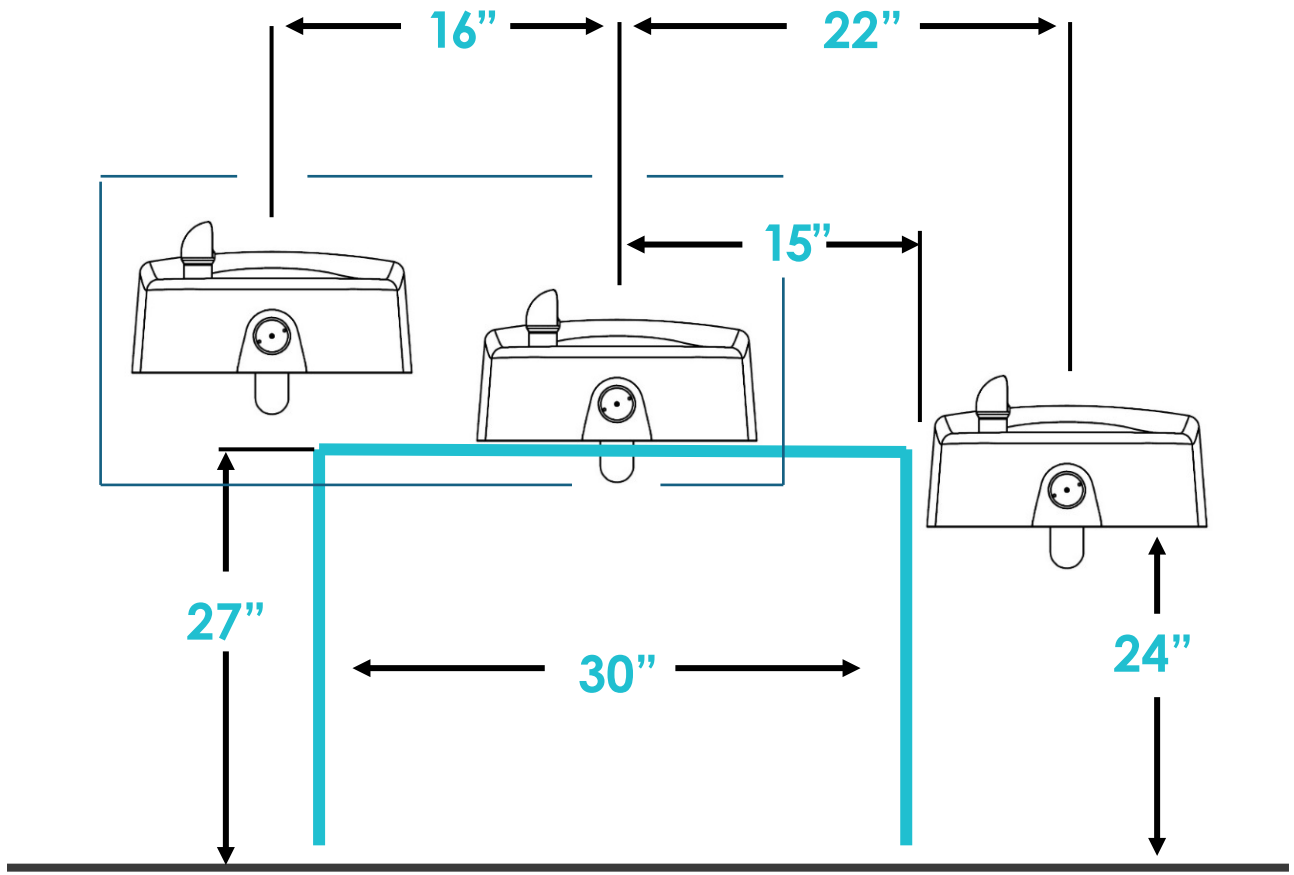
Model 1501 ADA adult Hi-Lo with **Model 1311** at child height

This installation could be in a 68" to 70" wide alcove.



Meeting All Three of the ADA Defined Drinking Fountain Heights

California and other states require 32" wide wheelchair clearance



HAWS MODEL 3150 OUTDOOR FOUNTAIN

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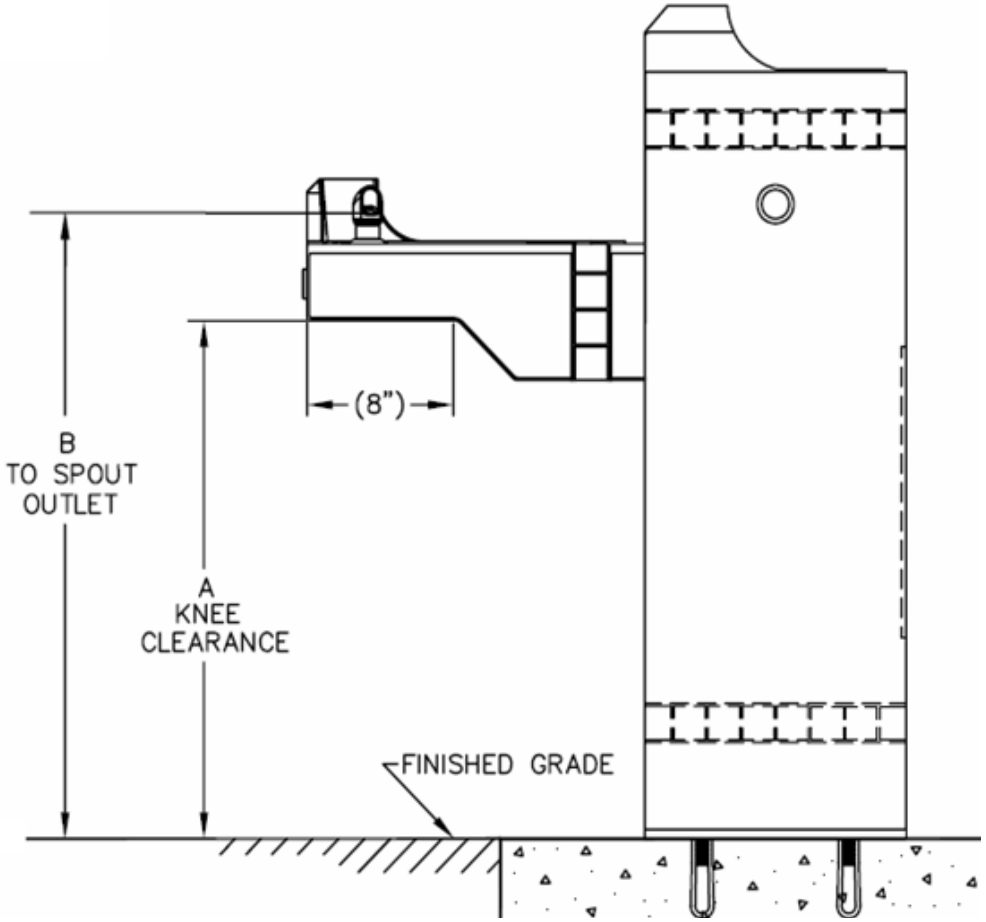
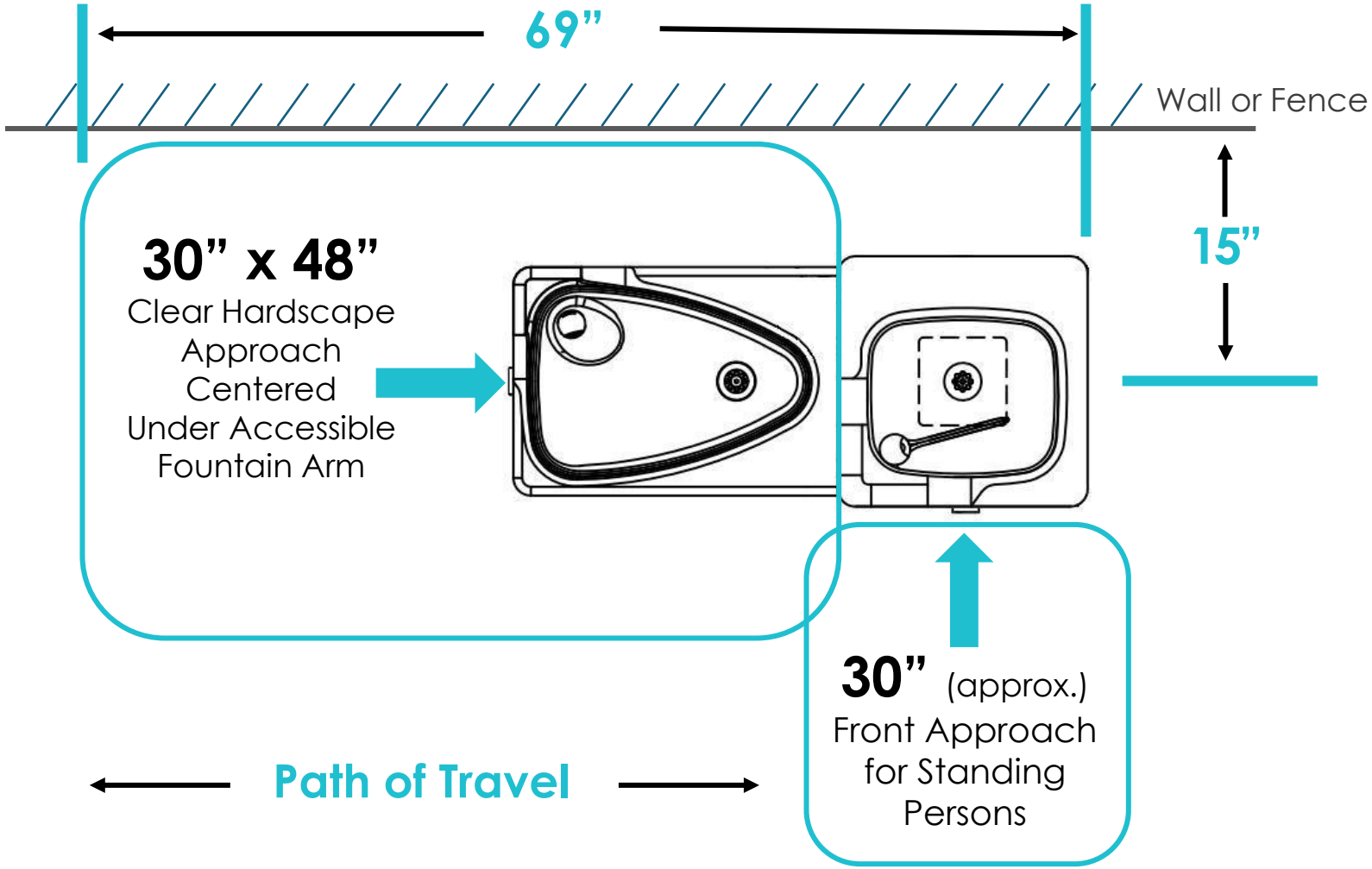
***Haws* Model 3150** fountain arm can be adjusted for Adult or Child ADA height.

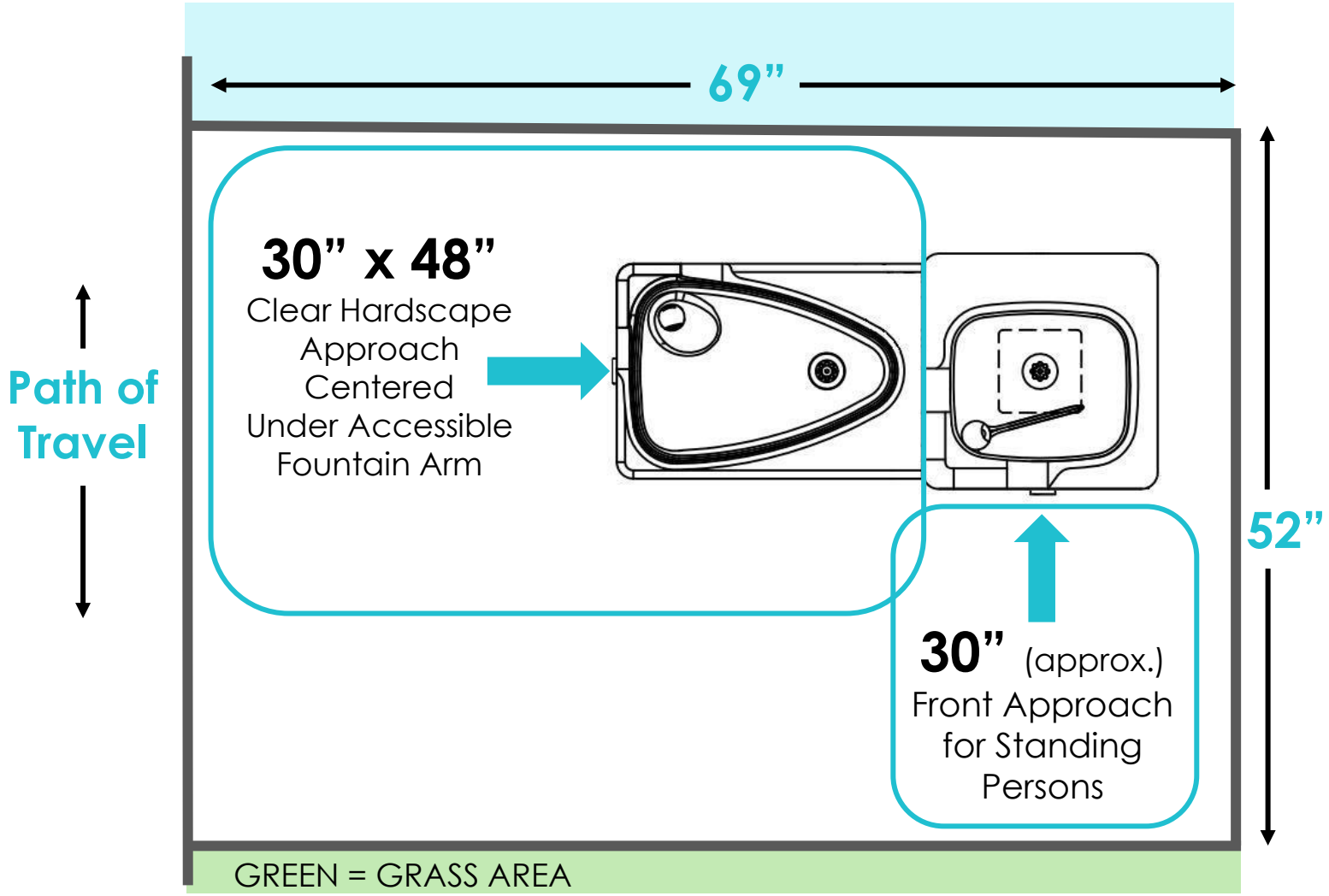


ADA OUTDOOR INSTALLATIONS



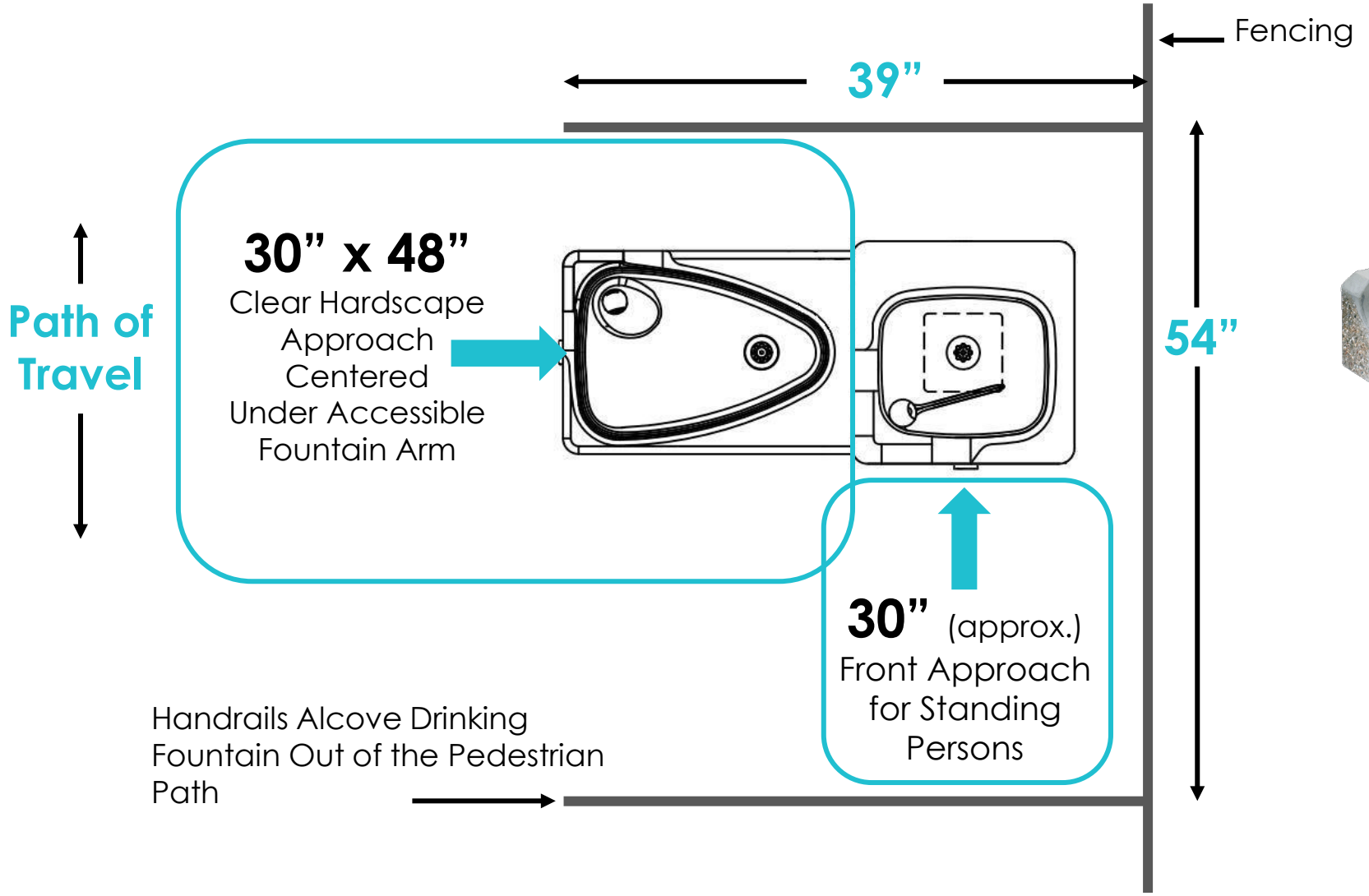
Model 3150
Hi-Lo

ADA OUTDOOR INSTALLATIONS



Model 3150
Hi-Lo

ADA OUTDOOR INSTALLATIONS



Model 3150
Hi-Lo

ADA OUTDOOR INSTALLATIONS

Haws makes many models that comply with ADA requirements

NEW ICC-ANSI Standard A117.1-2017

602 Drinking Fountains and Bottle Filling Stations

602.4 Bottle Filling Stations

- Bottle filling stations which shall comply with Sections 602.4.1 and 602.4.2.
- **Exception:** Where bottle filling stations are part of the drinking fountain for standing persons, the bottle filling station is not required to comply with this section **provided a bottle filling station is located at the wheelchair accessible drinking fountain.**

602.4.1 Clear Floor Space

- A clear floor space **complying with Section 305**, positioned for a forward or side approach, shall be provided.

602.4.2 Controls

- Controls for bottle filling stations shall be **hand operated or automatic. Hand operated controls shall comply with Section 309.**

Model 1011HSA.8

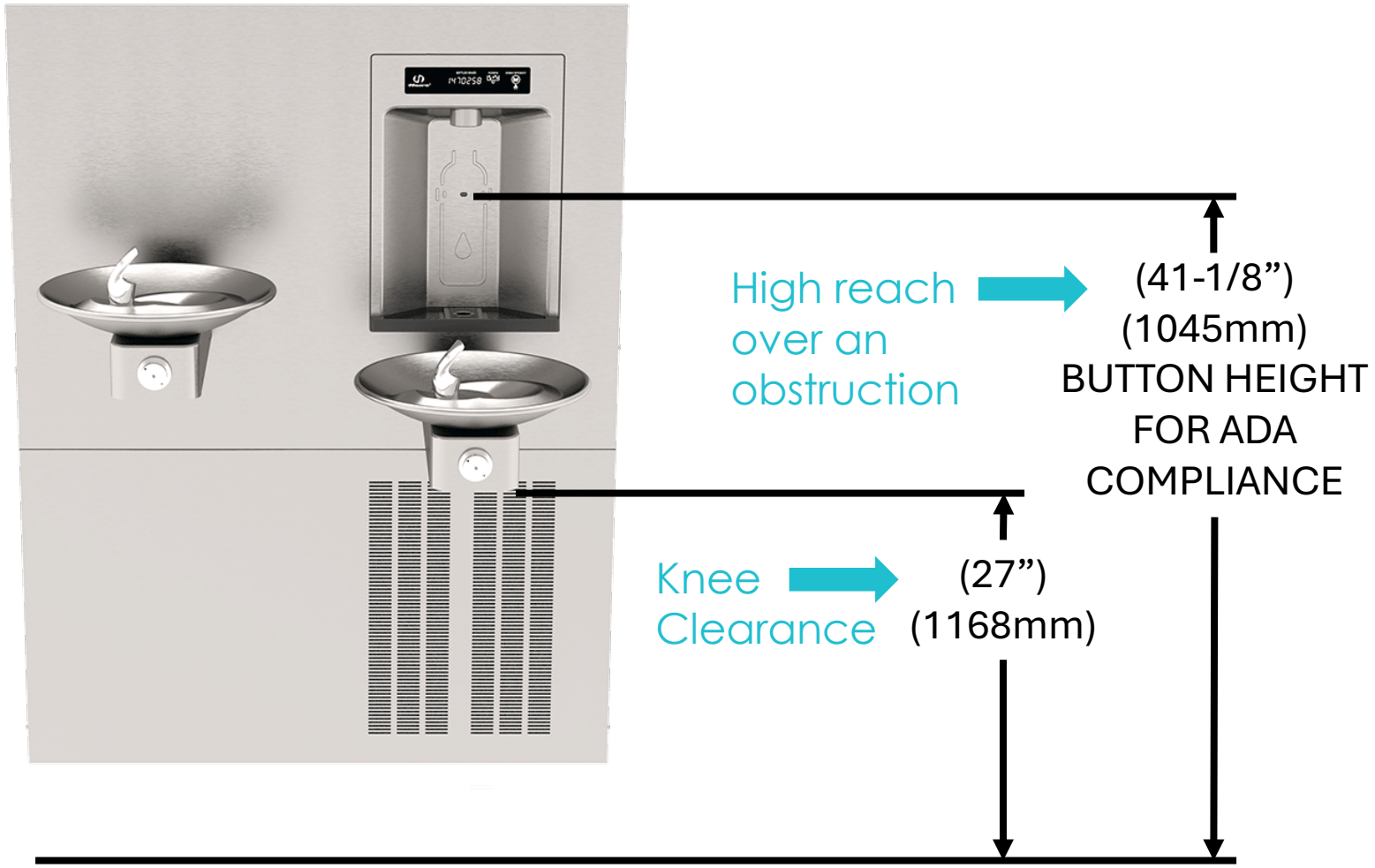
Haws RIVIVE™ Hydration Station™, model 1011HSA.8 features a chilled bottle filler and drinking fountains.

Filler features dual 18-gauge Type 304 Stainless Steel satin finish basins with 14-gauge Type 304 Stainless Steel wall brackets.

2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

Model 1101HSA.8

Meets ADA accessibility requirements for clearance and reach ranges



2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

Haws **Model 1501 Enameled-iron Hi-lo Drinking Fountain** with matching **1920W Bottle Filler** and back panels meets all ADA accessibility requirements

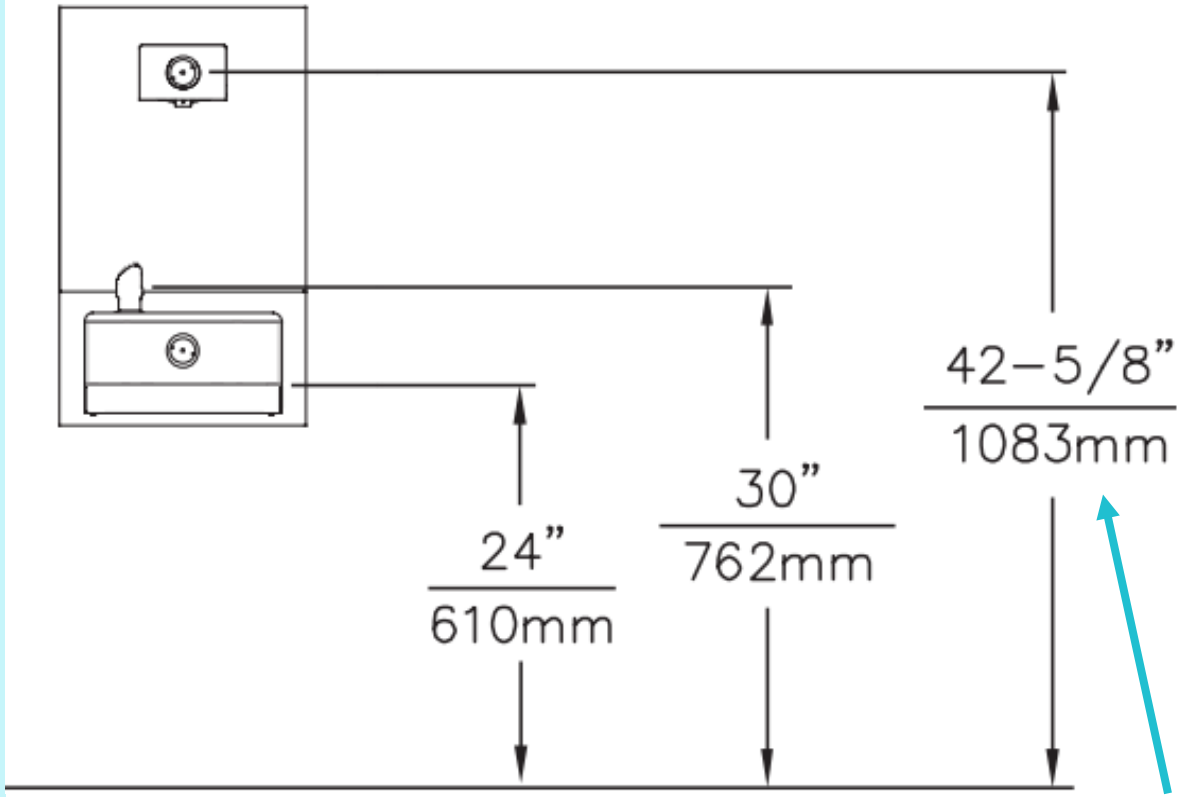
2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

Haws **Model 1311 Enameled-iron, Single Drinking Fountain** with matching **1920W Bottle Filler** and back panels meets all ADA accessibility requirements

Can be mounted at ADA children's height or paired with a matching **Model 1501 Hi-Lo**

2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

Haws fountains with **Model 1920 Bottle Filler** can be mounted for children's use.



Under the high maximum reach range of 44”

2010 ADA STANDARDS FOR ACCESSIBLE DESIGNS

POLL QUESTION

4

Haws Rivive: Hydration Station

Clean and Convenient Hydration with *Haws* Drinking Fountains and Bottle Fillers

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HYDRATION MADE EASY

The Next Generation of Bottle Filler

- Touchless Bottle Filler Activation
- Programmable Energy Savings Mode
- LED Electronic Bottler Filler Display
- Best in Class Sensor / High Level of Vandal Resistance
- 24 – Hour Purge to prevent Legionella
- Smart Field Configurable Filter / or Strainer
- 16-Gauge Stainless Steel

HAWS RIVIVE™: Hydration Station Configurations

2000HS

2000HSSM

2000HSA.8

1001HSA

1001HSA.8

1011HSA

1011HSA.8

INTRODUCING HAWS RIVIVE™: HYDRATION STATION

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NEW Field Configurable Filter & Strainer

- Simply install the cartridge you prefer! The Filter or the Strainer for a Non-Filtered experience
- 1-Year / 3,000 Gallon Filter (Lead, Taste, Odor)

NEW Swiveling Filter Bracket

- Provides Easy Access Filter Changes
- Protrudes only 5.25" from the wall (3"+ shorter than competitive units)

POLL QUESTION

5

Questions & Answers

Please submit your questions, any that we cannot get to will be sent in a follow up email post webinar.

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SUBMITTED QUESTIONS

1. Why do we need a low and a high to meet ADA?

2. Is it possible/code compliant to only have bottle fillers? if paper cups are supplied adjacent to the filler?

3. Does the min. clearance approach have to be centered on the Drinking Fountain or can it be off center? If it can be off center, what is the overlap that is acceptable?

4. Architects tend to favor an alcove for drinking fountains, how does this translate with the ADA regulations?

5. Where is the bottle filler reach range measured to, considering the bottle can be held lower than the filler outlet? Or is it measured to the button control? Or both? How about if it is auto dispensing optical controlled?

CLOSING REMINDER

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- On-Demand Recording
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- CEU Instructions (ABIH, AIA, IFMA, & ASPE)
- Q&A
- Rivive Product Showcase Invite

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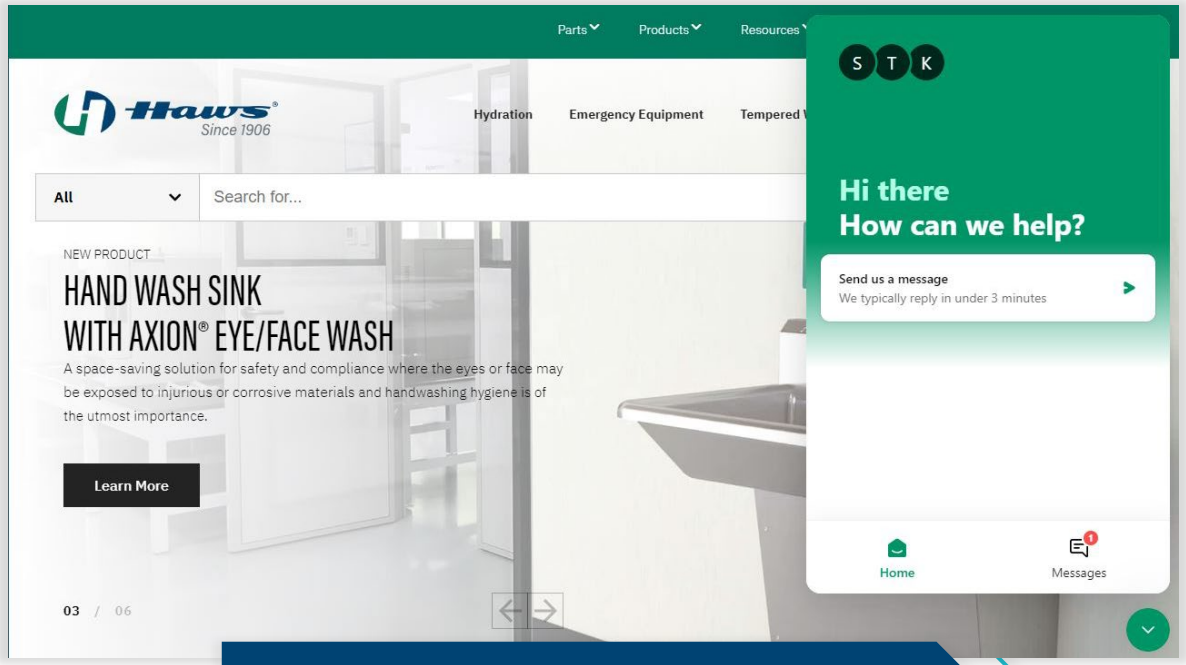

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