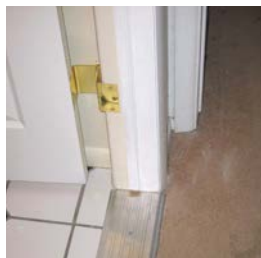


PHOTO GUIDE to Accessibility Modifications In The Home



ASSIST Inc

ASSIST Inc is an independent nonprofit Community Design Center founded in 1969 by the Graduate School of Architecture at the University of Utah and the Utah Society of the American Institute of Architects.

For over 45 years ASSIST has been providing architectural design, community planning and development assistance to nonprofit and community groups; housing repair for low income households; and accessibility design assistance to people with disabilities.

How to Use this Guide

This photo guide is designed to help illustrate practical home modifications for accessibility, safety in the home and prevention of falls. The photos provided are of well designed solutions for a variety of users and needs.

We recommend looking through the entire book to better understand the various options before beginning any project. You may discover ideas that would be more economical or effective for your individual needs.

ASSIST Staff

Roger Borgenicht
Heidi Goedhart
Jason Wheeler
Renaë Widdison
David Woodman
Nicole M. Zinnanti

ASSIST Board of Directors

Marry Ann Cowen
David R. Fitzsimmons
Ann Floor
Marti Mitchell
Erik Strindberg
Antonia Vazquez
Robert Young

Designed and published June 2016 by

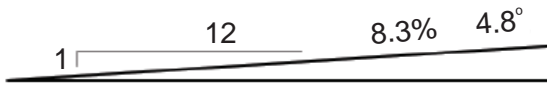
ASSIST Inc Community Design Center
218 East 500 South, Salt Lake City, UT 84111
(801) 355-7085
info@assistutah.org
www.assistutah.org

Table of Contents

Standard Accessibility Dimensions	3 - 4
Home Entry	
Railings	5 - 6
Wedge ramps	7 - 8
Ramps	9 - 14
Low-rise steps	15 - 16
Vertical platform lifts (VPL)	17 - 18
Interior Access	
Doors & swing clear hinges	19 - 20
Door frame modifications	21 - 22
Stair glide	23 - 24
Track systems & lifts	25 - 28
Interior handrails & automatic door openers	29 - 30
Interior elevators	31 - 32
Bathroom	
Grab bars	33 - 36
High rise toilets/ risers & portable showers	37 - 38
Roll-under sinks	39 - 40
Tub cut & walk-in tub	41 - 42
Curb shower	43 - 44
Roll-in shower	45 - 46
Fixed & hand-held shower wand	47 - 48
Shower chairs & benches	49 - 50
Track Sliders & shower commode chairs	51 - 52
Kitchen	
Counter tops & cook tops	53 - 54
Oven/ breadboards & drawers	55 - 56
Aging in Place Features	57 - 58

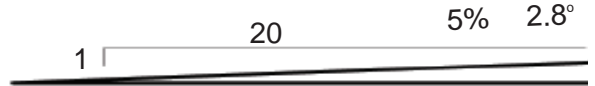
3

Standard Accessibility Dimensions



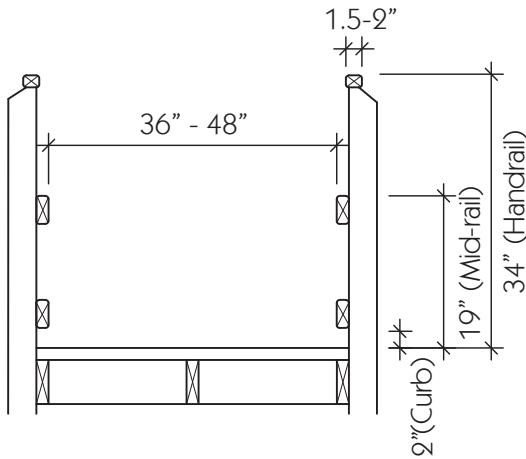
Standard Ramp - 1:12 (Maximum 30 foot ramp run)
"A foot of ramp for each inch of rise"

Ramp Slope

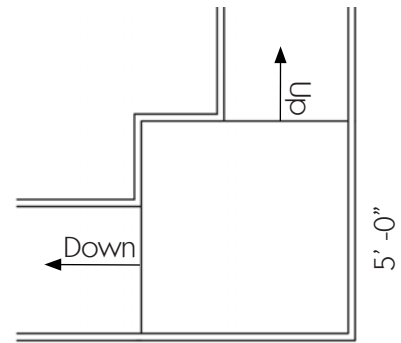


Handrails & landings are optional but are not required on a 1:20 slope

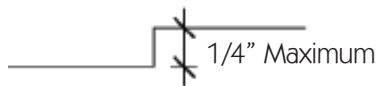
Sloped Pathway



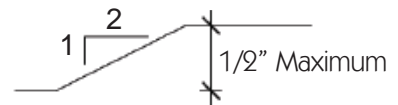
Ramp Cross Section



Ramp Landing

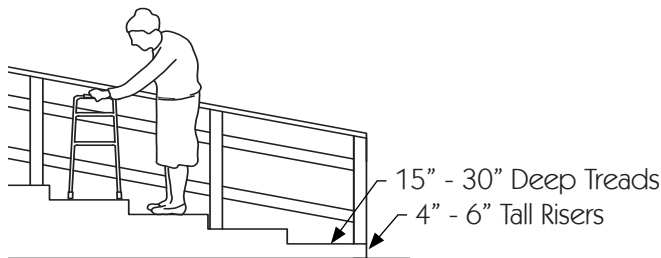


Vertical Change

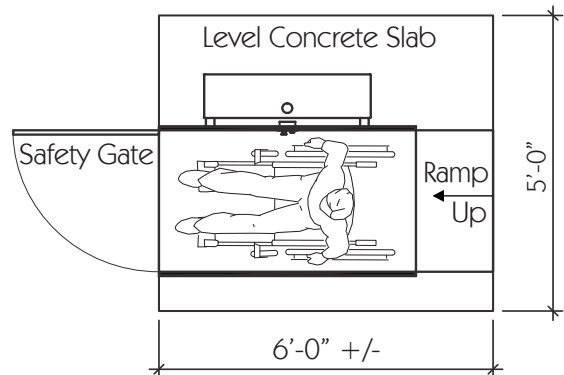


Beveled Threshold

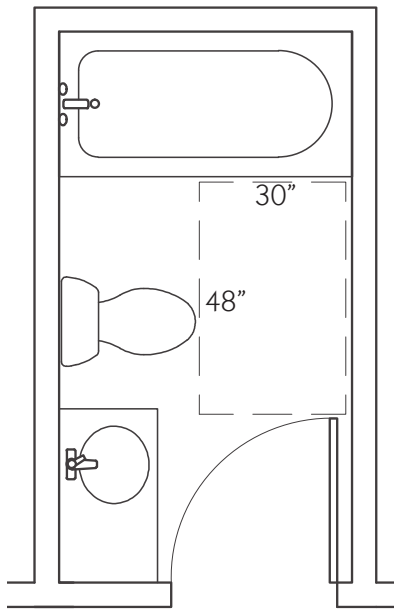
Door, Roll-in Shower and Other Thresholds



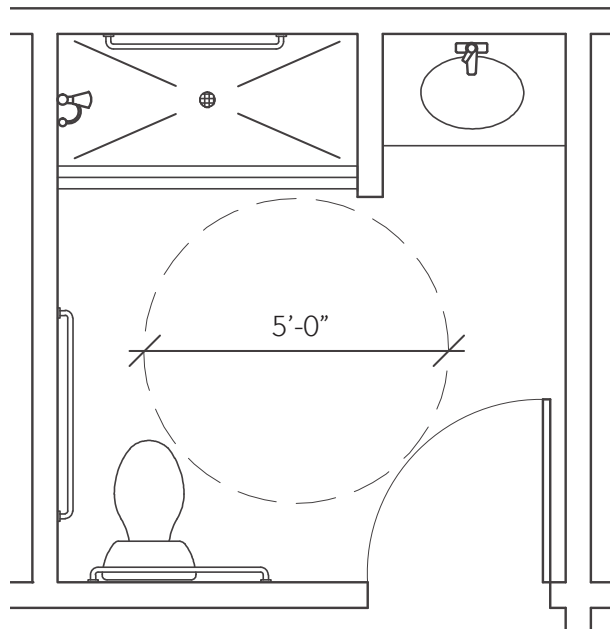
Low Rise Steps



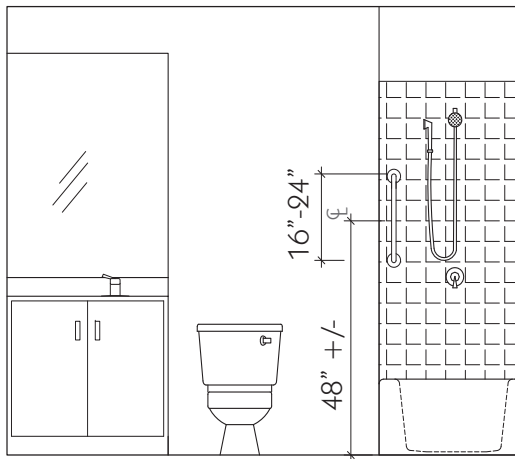
Vertical Platform Lift



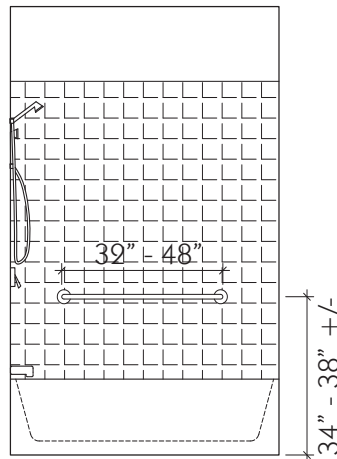
Clear Floor Space



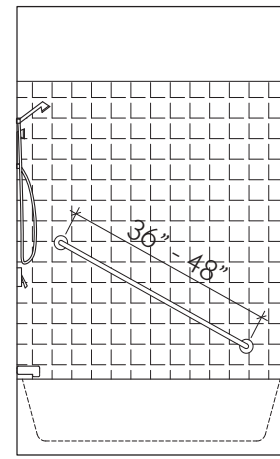
Wheelchair Turning Space



Vertical



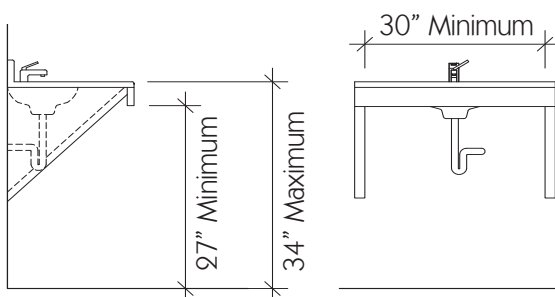
Horizontal



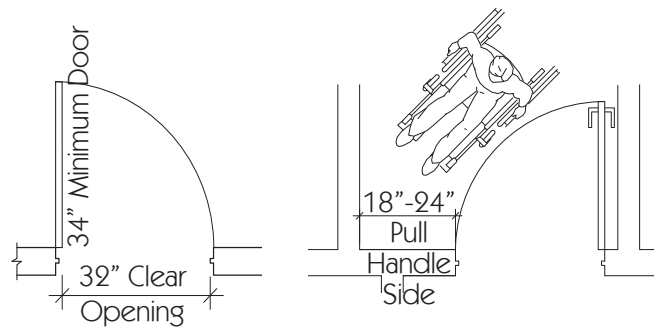
Diagonal

NOTE: Grab bar orientation, length and height always to user preference; 1-1/4" diameter bars often preferred

Typical Grab Bar Placement



Roll-Under Sink and Counter

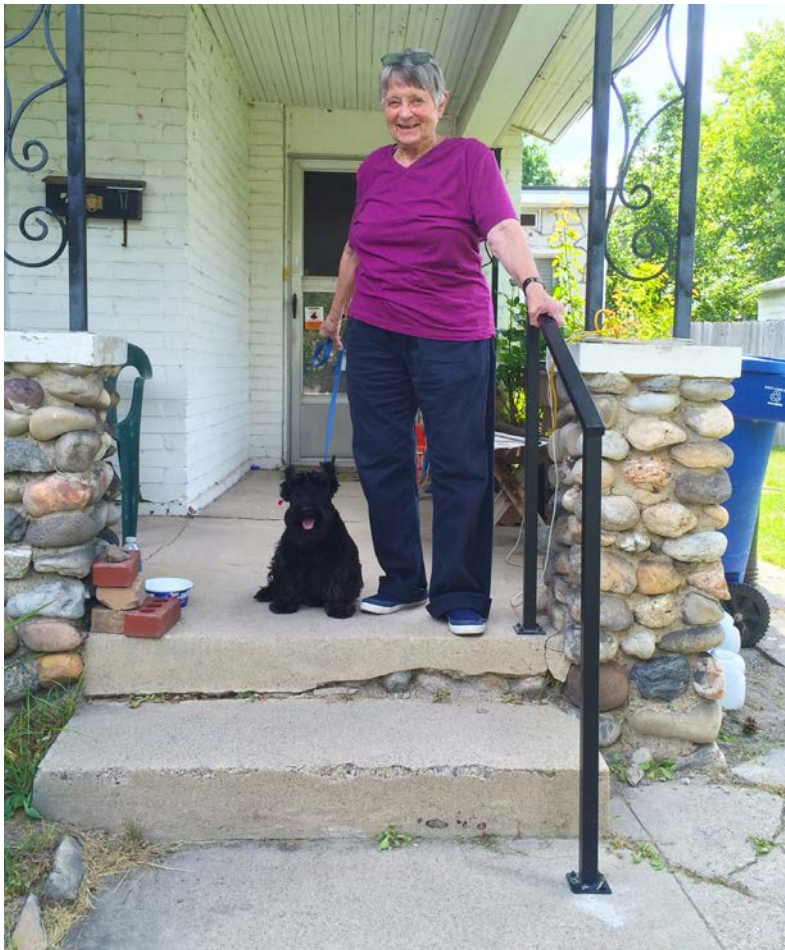


Doorway Opening & Maneuvering Space

5

Home Entry Railings





7

Home Entry Wedge Ramps





9

Home Entry Ramps





11

Home Entry Ramps





13

Home Entry Ramps

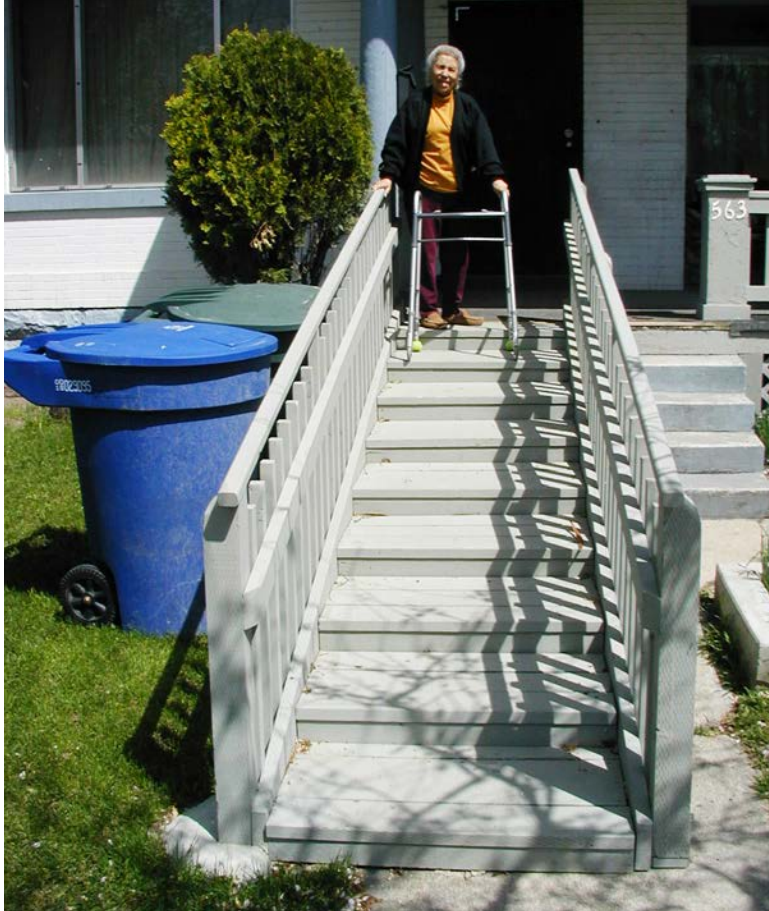




15

Home Entry Low Rise Steps





17

Home Entry

Vertical Platform Lifts (VPL)





19

Interior Access

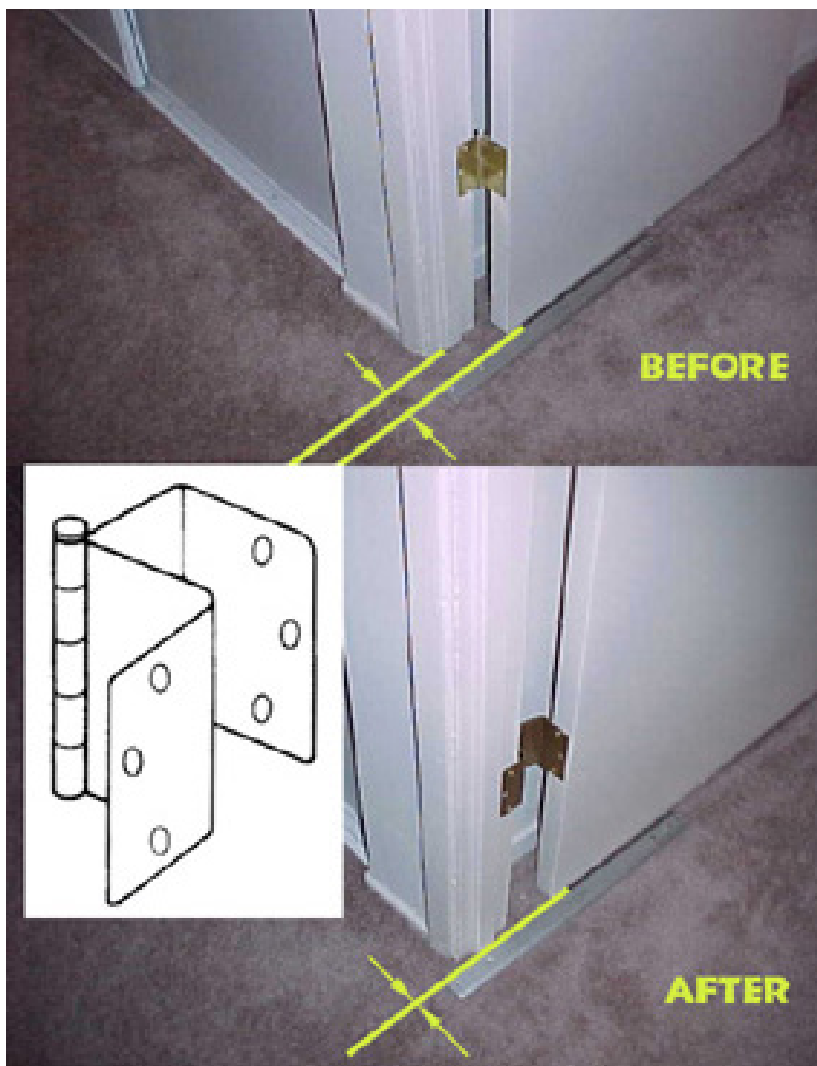
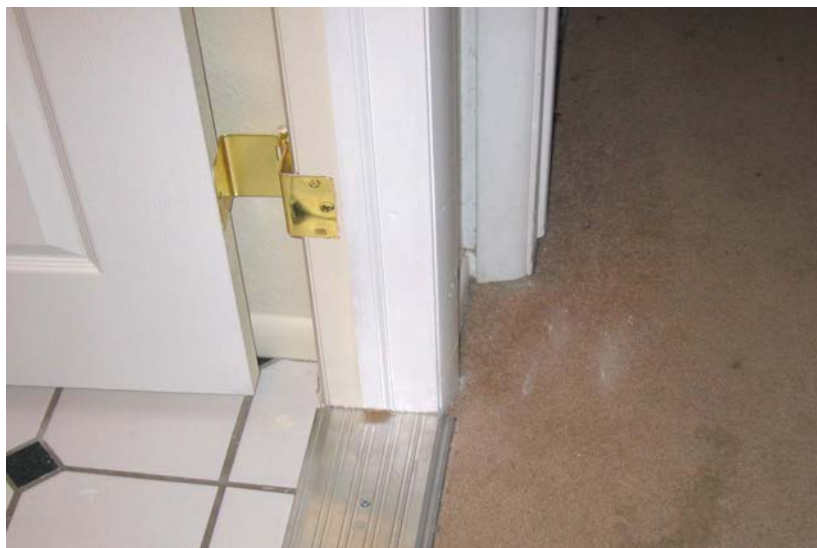
Doors & Swing Clear Hinges



36 inch wide interior door



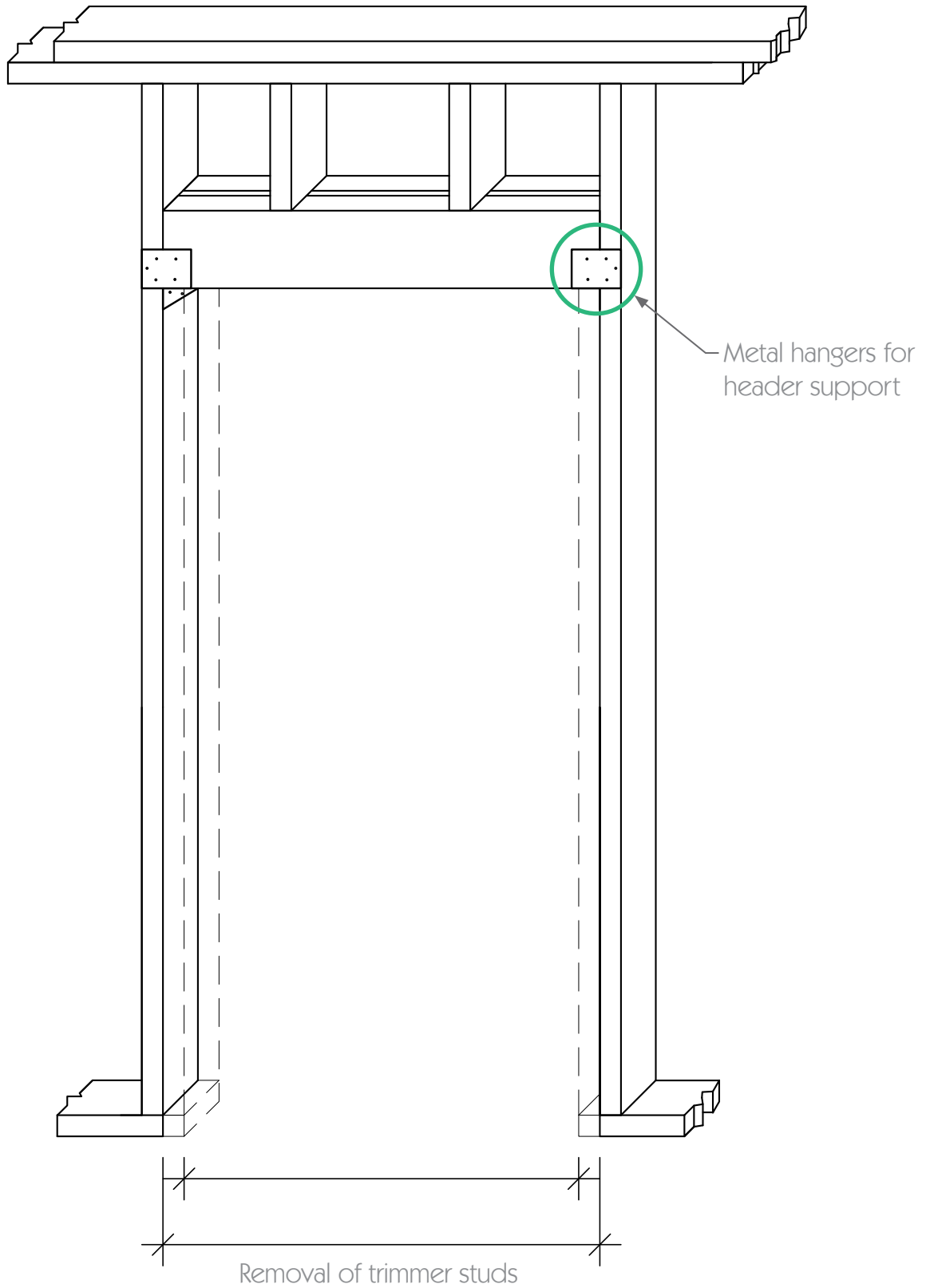
28 inch wide bathroom door

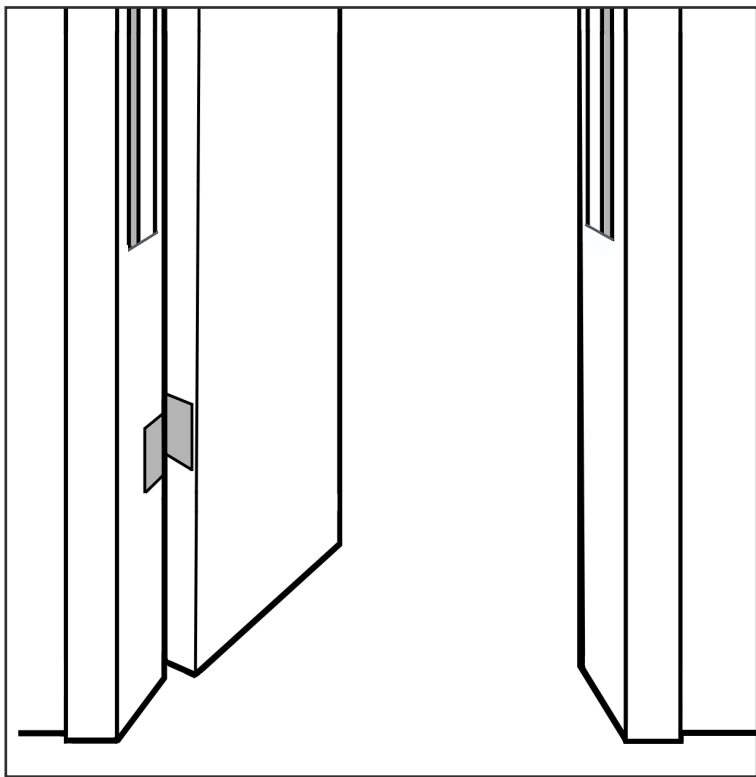


21

Interior Access

Door Frame Modifications





36 inches
from floor

23 Interior Access

Stair Glide





25 Interior Access

Track Systems & Lifts





27 Interior Access

Track Systems & Lifts





Interior Access



29

Interior Access

Interior Handrails & Automatic Door Openers





31 Interior Access

Interior Elevators

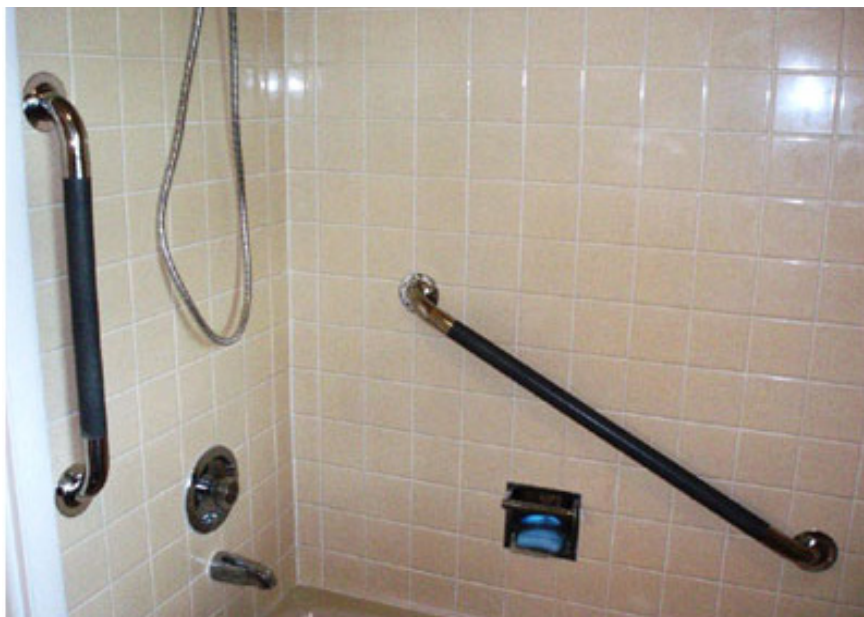




Interior Access

33 Bathroom

Grab Bars





35 Bathroom

Grab Bars





37

Bathroom

High Rise Toilets/ Risers & Portable Showers



18+/- inches from floor





39

Bathroom Roll-under Sinks





41

Bathroom

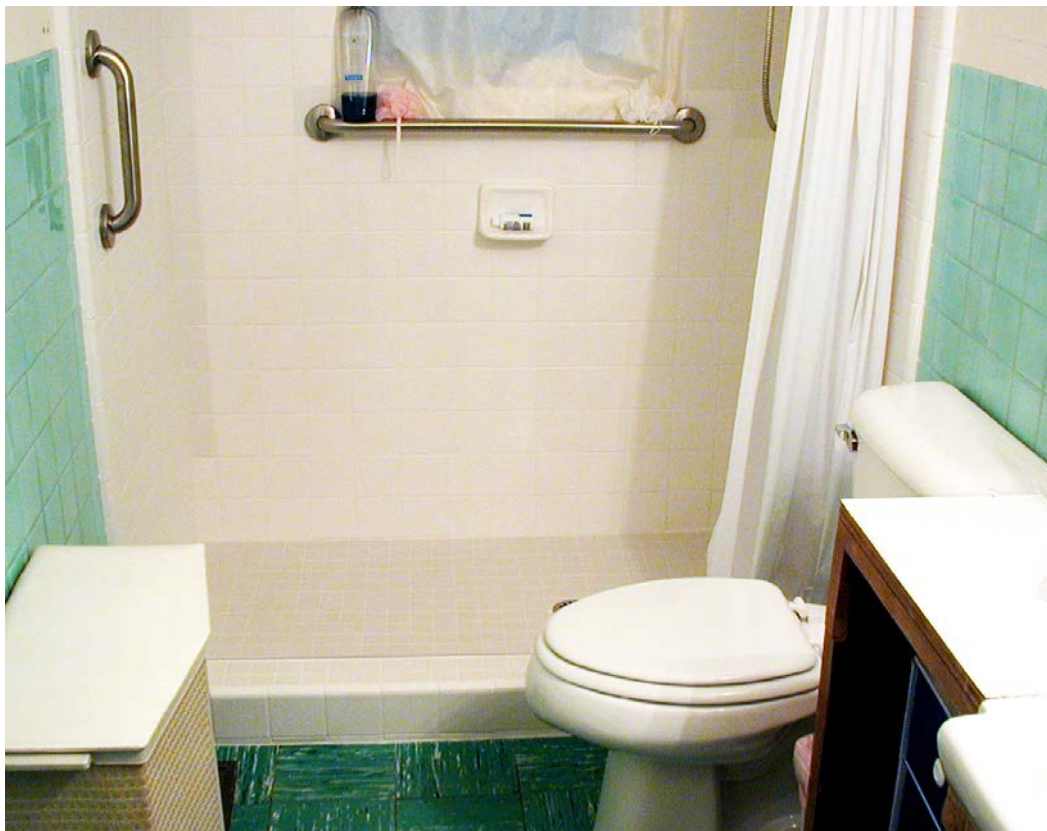
Tub Cut & Walk-in Tub





43 Bathroom

Curb Shower





45 Bathroom

Roll-in Shower





47 Bathroom

Fixed & Hand-held Shower Wand

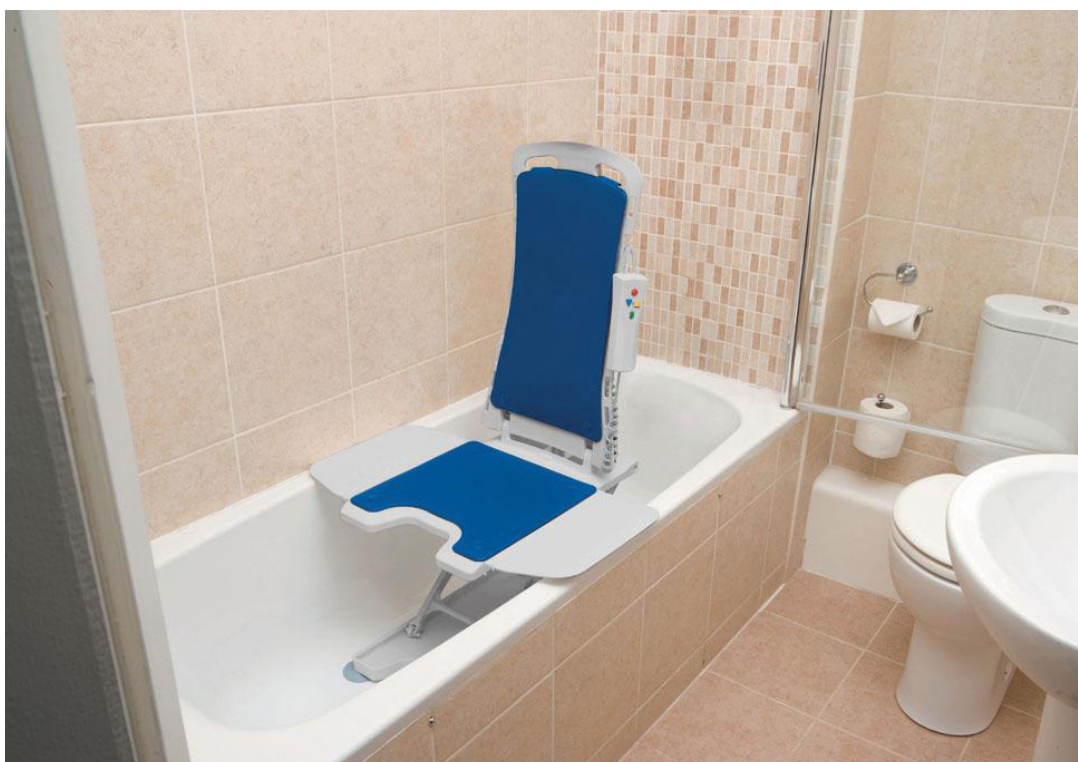




49

Bathroom

Shower Chairs & Benches





51

Bathroom

Sliders & Shower Commode Chairs





53

Kitchen

Counter Tops & Cook Tops





55

Kitchen

Oven/ Breadboards & Drawers





YES NO



KITCHEN

- Adequate counter space
- Kitchen appliances safe and easy to use
- Easy access to storage space for frequently used items
- Cook top and oven controls safe and easy to use

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>



FLOORING

- Slip-resistant flooring throughout the home
- Carpet is free of tripping hazards, tears, wrinkles and or de-threading
- Rugs have slip-resistant backing or double faced adhesive

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>



ELECTRICAL AND LIGHTING

- Convenient location of thermostats and other controls
- Electrical outlets easy to find and use
- Light switches at the entrance to every room, hallway and stairway

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>



HEATING, COOLING AND VENTILATION

- Supply and return air vents free of obstruction
- Energy efficient HVAC unit
- Smoke alarms and carbon monoxide (CO) detector in the home
- Operable windows for cross ventilation and fresh air
- Hot water heater set no higher than 120 degrees fahrenheit
- Home free of stale or musty odors
- Furnace filters are convenient and easy to change
(furnace filters should be replaced at least every other month)

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>



LAUNDRY

- Washer and dryer at an accessible location in the home
- Washer and dryer at an accessible height; settings are easy to read
- Convenient counter space

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>



CLUTTER

- Rooms, hallways and exits free of clutter and unnecessary objects
- Floors and stairs free of tripping hazards

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Resources

ASSIST Inc - A Community Design Center

www.assistutah.org

(801) 355 - 7085

Provides emergency home repair & design assistance for safety and accessibility

Center for Inclusive Design & Environmental Access (IDEA)

idea.ap.buffalo.edu

(716) 829 - 5902

The Center is active in basic & applied research, architectural design, community service and education. Programs focus on home modifications, functional assessment and universal design

Concrete Change

www.concretechange.org

Advocates visitability in all homes--no-step entry, usable bathroom & minimum 34" doors

Utah Division of Services for People with Disabilities (DSPD)

dspd.utah.gov

(801) 538 - 4200

DSPD provides a wide variety of services intended to help people with disabilities participate more fully in their communities and lead more self-determined lives

Salt Lake Valley Habitat for Humanity

www.habitatsaltlake.com

(801) 263 - 0136

Provides affordable housing, home repairs & home improvement thrift store (ReStore)

Utah Independent Living Center (UILC)

www.uilc.org

(800) 355 - 2195

Provides services such as assistive technology & education for independent living

Salt Lake County - Green and Healthy Homes Initiative

saltlakecountyleadsafe.org

(801) 468 - 4892

Provides free home assessment for health related issues (such as asthma); Provides lead paint remediation to low-income households with children under 6

Utah Center for Assistive Technology (UCAT)

ucat.usor.utah.gov

(801) 887 - 9533

Provides assistive technologies for people with disabilities