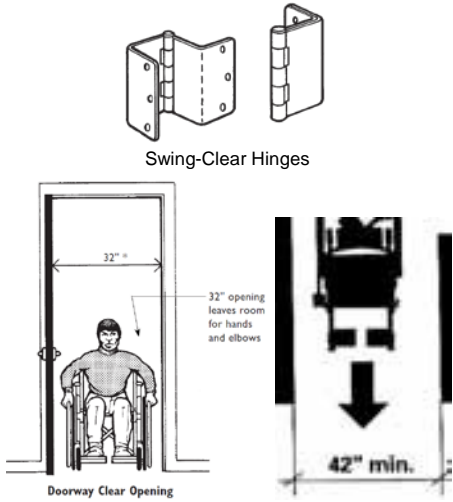
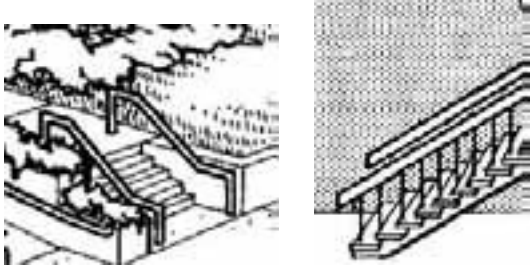
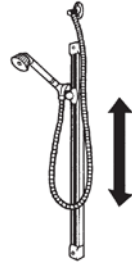

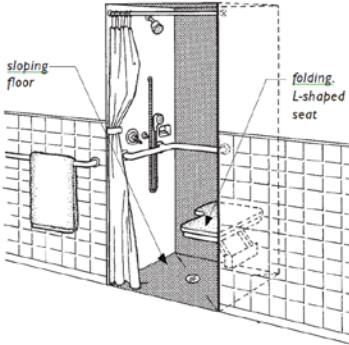

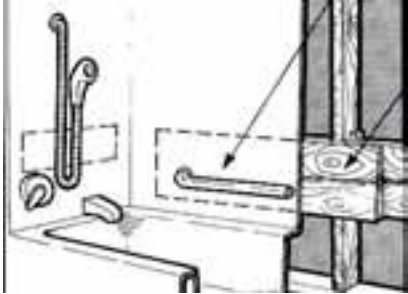


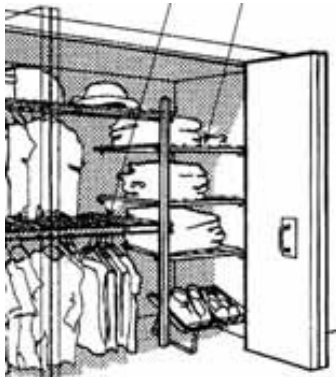

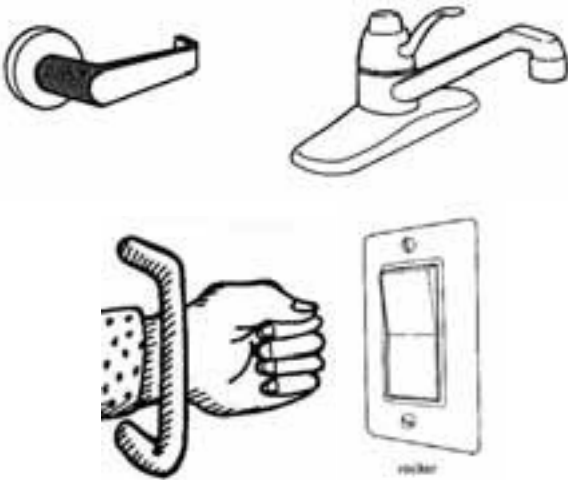
Universal Design Products

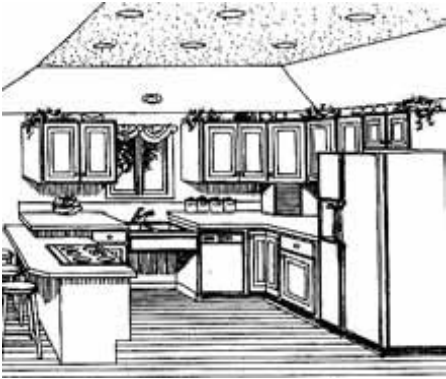


Top 10 Universal Design Features For Your Home

Family and Consumer Sciences, Universal Design, The Ohio State University, fcs.osu.edu/resources/universal-design

FEATURE	PRODUCTS
<p>1. FIRST FLOOR: Accessible bedroom, bath, kitchen, living area, laundry.</p> <p>a. Minimum 32" wide doorways (swing clear hinges can be installed on existing doors to widen opening)</p> <p>b. 42" wide hallways</p>	 <p>The diagrams illustrate two universal design features. The top diagram shows 'Swing-Clear Hinges' in two views: a side view showing the hinge mechanism and a top-down view showing the hinge's profile. Below this is a diagram of a doorway with a person in a wheelchair passing through. A horizontal dimension line indicates a '32" ' width for the 'Doorway Clear Opening'. A vertical dimension line on the right indicates a '42" min.' height for the opening, with a note stating '32" opening leaves room for hands and elbows'. To the right of the doorway diagram is a top-down view of a wheelchair with a downward arrow and the text '42" min.' below it, indicating the required clearance height.</p>
<p>2. HANDRAILS: On both sides of all stairways.</p> <p>a. Interior stairways (banister should be installed in studs 1 ½ " from wall)</p> <p>b. Exterior stairways</p>	 <p>The diagrams show two types of stairways with handrails. The left diagram is a perspective view of an interior staircase with a wooden handrail and a metal baluster. The right diagram is a perspective view of an exterior staircase with a metal handrail and a metal baluster.</p>

FEATURE	PRODUCTS
<p>3. WALK-IN/ROLL-IN SHOWER: The first floor bath needs an easy to use shower.</p> <ul style="list-style-type: none"> a. Hand-held adjustable shower head b. Portable bath tub seat c. Walk-in shower with seat d. Scald control faucet 	 <p>Hand-Held Shower Head On a Slide-Bar Mount</p>  
<p>4. GRAB BARS:</p> <ul style="list-style-type: none"> a. Attractive grab bars can be installed in shower/tub areas for use by everyone b. Walls by toilets and showers can be reinforced during construction or remodeling for installation of grab bars later if needed. 	 

FEATURE	PRODUCTS
<p>5. ACCESSIBLE STORAGE:</p> <p>a. Multiple height and/or adjustable height shelves should be used in closets and kitchen cabinets.</p>	
<p>6. LIGHTING: User friendly lighting includes:</p> <p>a. Outlets/switches located 18”– 48” above the floor</p> <p>b. Rheostat/Dimmer switch</p> <p>c. Special attention to exterior walkways, porches, halls, and stairs</p>	
<p>7. EASY GRIP CONTROLS: These may include:</p> <p>a. Lever handles (doors and faucets)</p> <p>b. D shaped pulls</p> <p>c. Rocker panel light switches</p> <p>d. Touch pad controls</p> <p>e. Larger sized controls</p>	

FEATURE	PRODUCTS
<p>8. ACCESSIBLE WORK SURFACES/APPLIANCES:</p> <ul style="list-style-type: none"> a. Front loading washer, dryer b. Side-by-side refrigerator c. Elevated dishwasher d. Electric range -front controls e. Large print/color contrasting controls 	
<p>9. SAFE FLOORING:</p> <ul style="list-style-type: none"> a. Low or no thresholds (Use beveled strip for heights of 1/4" or more) b. Non-slip/non-glare surfaces c. Low pile carpet and rugs 	
<p>10. SAFETY DEVICES:</p> <ul style="list-style-type: none"> a. Smoke detectors b. Night lights c. Temperature limiting mixer valves (anti-scald device) d. Carbon monoxide detectors 	

We appreciate the use of illustrations from the Housing and Urban Development publication: "Fair Housing Act Design Manual" huduser.org/portal/PuBlications/destech/fairhousing.html and Fall Prevention Center of Excellence, "Do-Able Homes." homemods.org/resources/doable-home/index.shtml

For more information, visit fcs.osu.edu/resources/universal-design