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**Universal
 Design
 Living
 Laboratory®**

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Fact Sheet

Universal Design Living Laboratory National Demonstration Home

www.udll.com

<p>What is the Universal Design Living Laboratory?</p> <p>A Universal Green Healthy Home</p>	<p>The Universal Design Living Laboratory (UDLL) is a national demonstration home. It will help the public better understand how to create a more comfortable living environment to enhance quality of life. UDLL will serve as a resource for others to learn from – today and tomorrow. UDLL will be open to the builder, designer, architect and consumer publics.</p> <p>The UDLL home incorporates unobtrusive universal design, resource and energy efficient green building methods, advanced automation technology, a healthy home construction approach and feng shui design principles. The finest craftsmanship and state-of-the-art products and services will be incorporated. The gardens will feature wheelchair accessible pathways with raised flower beds and containers.</p>
<p>Who</p>	<p>Rosemarie Rossetti, Ph.D., a wheelchair user, and her husband, Mark Leder, are building, and will live in, the UDLL house.</p> <p>Rosemarie Rossetti has been using a wheelchair for the past 10 years, when a 7,000 pound tree fell on her while she was riding her bicycle, severely limiting her mobility due to a spinal cord injury.</p>
<p>Why</p>	<p>While the UDLL will eventually become home for Rosemarie and Mark, their vision reaches far beyond themselves. They decided to embark on the project to help the almost 54 million people in the United States with physical disabilities, 76 million aging boomers, 50 million sufferers of chemical and environmental allergies, and to inspire Americans to do all they can to sustain our environment.</p>
<p>Mission Statement</p>	<p>To bring about awareness of the quality of indoor and outdoor lifestyle through universal design, green building, safety and healthy home construction practices to the public, construction and design industries.</p>
<p>Where</p>	<p>On Clark State Rd. in Jefferson Township in the Columbus, Ohio Metropolitan Area, a 3,500 square-foot ranch-style home, presently in the final phase of design, will be built.</p>
<p>Sponsorship</p>	<p>International, national and local companies alike are rallying to support the UDLL dream project. But additional sponsors are needed if Rosemarie and Mark are going to meet their goal of opening their house to the public by spring 2010. For more sponsorship information, contact Rosemarie Rossetti.</p>

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<p>What is Universal Design?</p>	<p>Universal design is a framework for the design of living and working spaces and products benefiting the widest possible range of people in the widest range of situations without special or separate design. Universal design is human-centered design, accommodating people of all sizes, ages and abilities.</p>
<p>What is “Green” Building and “LEED” Certified?</p>	<p>”Green” is an approach to building homes that conserves natural resources and highlights environmental quality. Green homes have healthier air and water quality. The products used to build these homes emit fewer health endangering gases or volatile organic compounds (VOC). These gases are often produced by paints, stains, carpeting, wallpaper, flooring adhesives, plywood, solvents and synthetic fabrics.</p> <p>The U.S. Green Building Council, (www.usgbc.org), the nation’s foremost coalition of leaders from across the building industry, promotes buildings that are environmentally responsible, profitable and healthy places to live and work. This non-profit organization has a program in place to certify homes based on its Leadership in Energy and Environmental Design (LEED) certification program. This voluntary initiative promotes the transformation of the mainstream home building industry toward more sustainable practices through the LEED for Homes program.</p> <p>The National Association of Home Builders, the nation's leading association of home builders, has initiated the National Green Building Program (www.nahbgreen.org) A green home pays attention to energy efficiency, water and resource conservation, the use of sustainable or recycled products, and measures to protect indoor air quality.</p> <p>The UDLL will be applying for LEED and NAHB program certifications.</p>
<p>Universal Design Features in the UDLL</p>	<ul style="list-style-type: none"> • Step-free entrances (a gradual, level grade; no conspicuous ramps) • All doors are wide enough for a wheelchair or walker (36 inches) • Wider hallways (48 inches) • Lever handles on doors and faucets • Casement windows • An elevator to the basement • Higher electrical outlets (25 inches above the floor) • Hardwood and non-slip tile floors • Adjustable hanging closet rods and shelves • Front loading washer and dryer • Open knee space under all sinks
<p>Kitchen Universal Design Features in the UDLL</p>	<ul style="list-style-type: none"> • Multiple heights of kitchen counters • Full-extension drawers and shelves in kitchen base cabinets • Cook top set into a counter with open knee space • Side-hinged microwave and oven doors at countertop height • Side-by-side refrigerator

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<p>Bathroom Universal Design Features in the UDLL</p>	<ul style="list-style-type: none"> • Large bathroom with decorative grab bars • Large bathtub with plenty of grab bars • Curbless roll-in showers with plenty of grab bars • Hand-held shower fixture • 17-19 inch-high toilet seat
<p>Green Features in the UDLL</p>	<ul style="list-style-type: none"> • Recycled and/or renewable resources in roofing, flooring and insulation • Appliances, lighting, heating, and cooling systems will save energy and be more economical • Integrates natural light by installing energy efficient windows, skylights, sun tunnels and glass block • Energy consumption will be reduced by roof and wall insulation • Products used to build this home emit fewer health endangering gases or volatile organic compounds (VOC)
<p>Visuals</p>	<p>A variety of renderings of the UDLL project are available at: http://www.udll.com/drawings/</p>