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JSA Architects Planners Interiors



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 - **A case for Universal Design**

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Aging in Place...The new normal



Need:

Currently 20.2% of all adults in Maine are living with a disability. By 2030 1/3 of all Americans will be disabled or over age 65.

Demand:

"Aging in Place": 87 percent of adults age 65+ want to stay in their current home and community as they age.



Livable Communities
Great Places for All AgesSM



**2017 MAINE AFFORDABLE
HOUSING CONFERENCE**

Supply:

**3.72% accessible
to moderate
disability
impairment.**

**0.15% accessible
to wheelchairs**

Survey excludes all single, two
and three family homes.

Accessibility of America's Housing Stock: Analysis of the 2011 American Housing Survey (AHS)

Multi-Disciplinary
Research Team



Aging-in-Place is the new normal for aging seniors.

Retirement communities, Assisted Living and other forms of institutionalized programs will continue to serve a relatively small percentage of the population; most however will choose to live in their own homes,



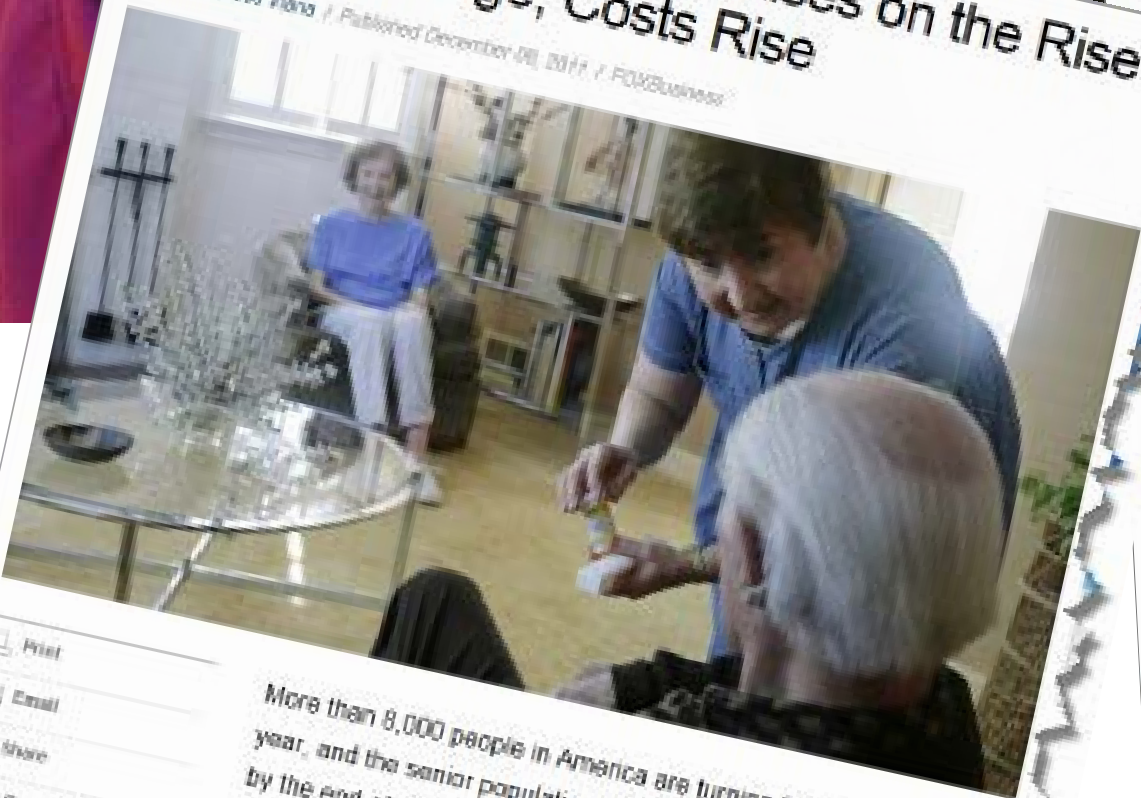


The Challenge?

Home Health Care, "Care with a Personal Touch."

Home Health Care Franchises on the Rise as Boomers Age, Costs Rise

By Lisa Forteva Wilson / Published December 18, 2011 / FORTBusiness



More than 8,000 people in America are turning 65 each day this year, and the senior population is expected to be around 49 million by the end of this year. By 2025, that number is expected to grow to nearly 72 million.

Demand for home-based health care expected to rise

BY LIZ SEEGERT | NOVEMBER 7, 2013



Liz Seegert (@lizeegert) is AHCJ's topic editor on [aging](#). Her work has appeared in Kaiser Health News, The Atlantic.com, New America Media, AARP.com, Practical Diabetology, Home Care Technology report and on HealthStyles Radio (WBAL-FM, NYC). She is a senior fellow at the Center for Health, Media & Policy at Hunter College, NYC, and a co-producer HealthStyles for WBAL-FM/Pacific Radio. [View all posts by Liz Seegert](#)

What seems like typical Washington double-speak, [home health care](#) is being held up by policy makers as an ideal cost-effective solution to rising medical costs and hospital [readmissions](#), while simultaneously being hit with across-the-board [cuts in base payments](#) and changes in [documentation rules](#) by the Centers for Medicare & Medicaid Services.



(IMAGE BY BRITISH RED CROSS VIA GETTY)

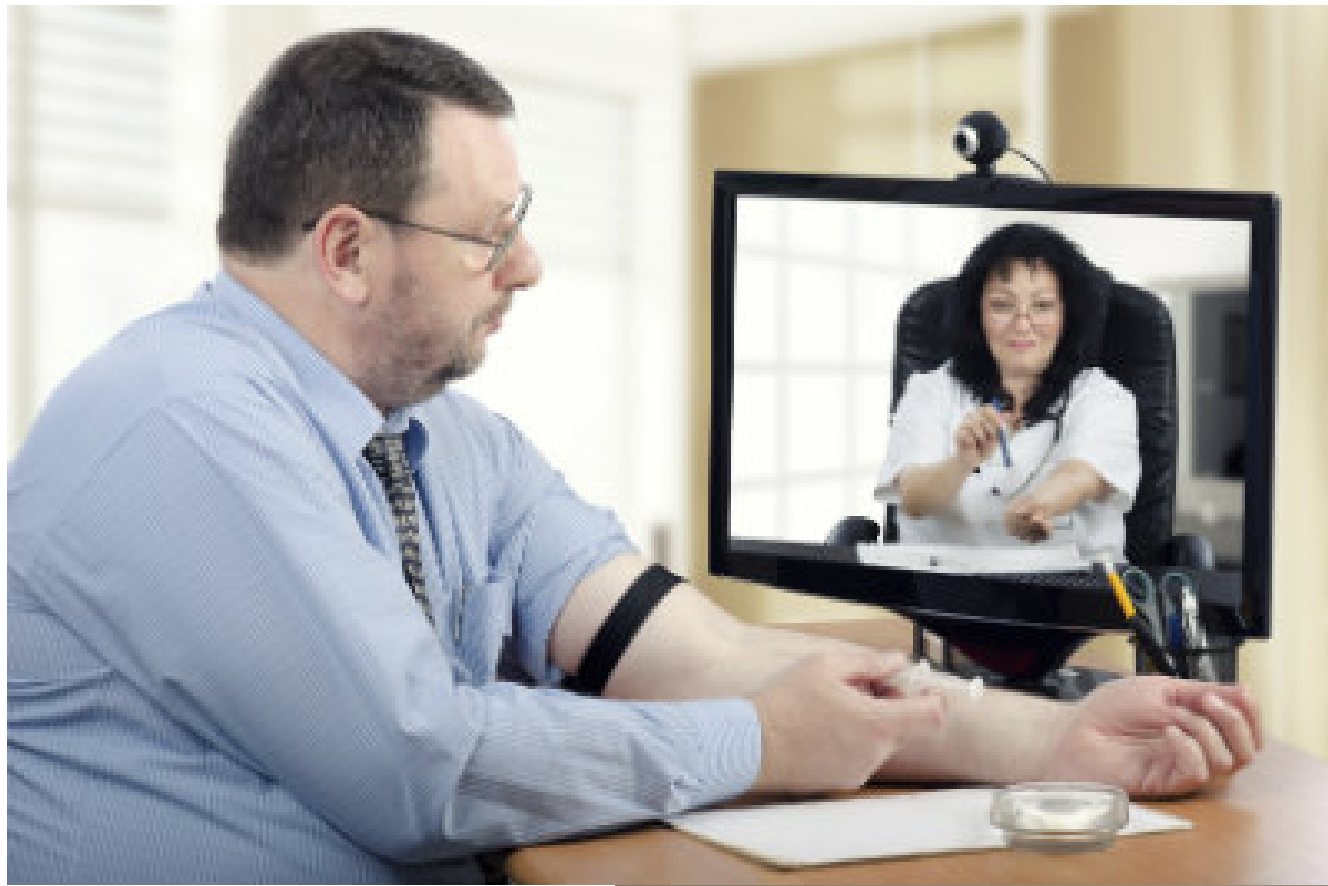
At the [National Association for Home Care & Hospice](#) annual meeting last week, keynote speaker [Sen. Harry Reid](#) (D-Nev.) highlighted the importance of home health care as a solution



Where You Are At the Center

PACE

Program of All-inclusive Care for the Elderly



Technology



The New York Times

Throughout the country, communities are being retrofitted to accommodate the tsunami of elders expected to live there as baby boomers age.



World Health Organization



CITY OF BOSTON
Martin J. Walsh, Mayor

Age-Friendly Boston



2017

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A Case for Universal Design

Universal Design:

(inclusive design) refers to broad-spectrum ideas meant to produce buildings, products and environments that are inherently accessible to older people, people without disabilities, and people with disabilities.



Kitchens



Bathrooms



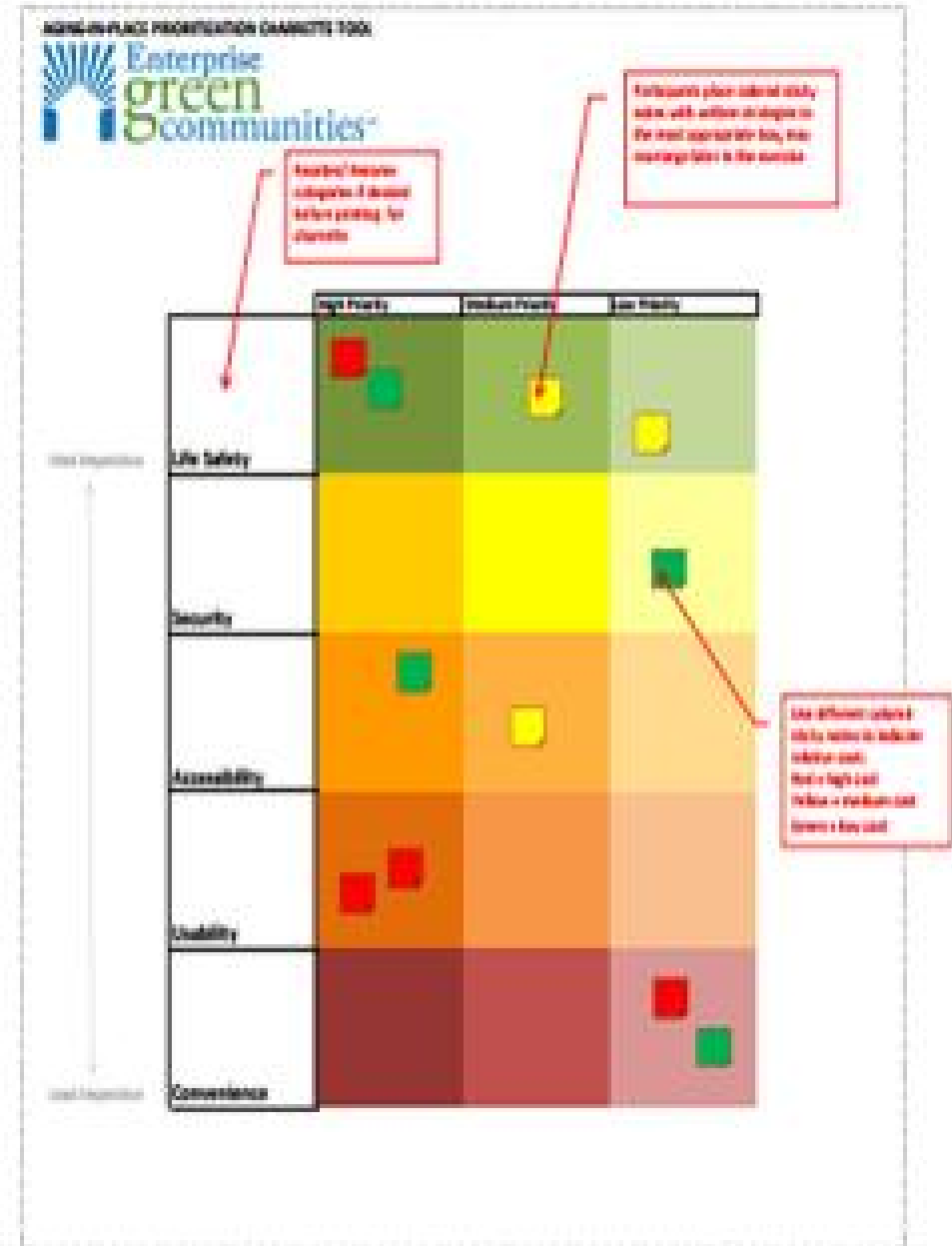
Public Spaces

AGING IN PLACE DESIGN GUIDELINES FOR INDEPENDENT LIVING IN MULTIFAMILY BUILDINGS

2016



AFFORDABLE HOUSING
RESEARCH CENTER
UNIVERSITY OF MASSACHUSETTS



All or Nothing

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- The current demand for age friendly housing far exceeds the existing supply.

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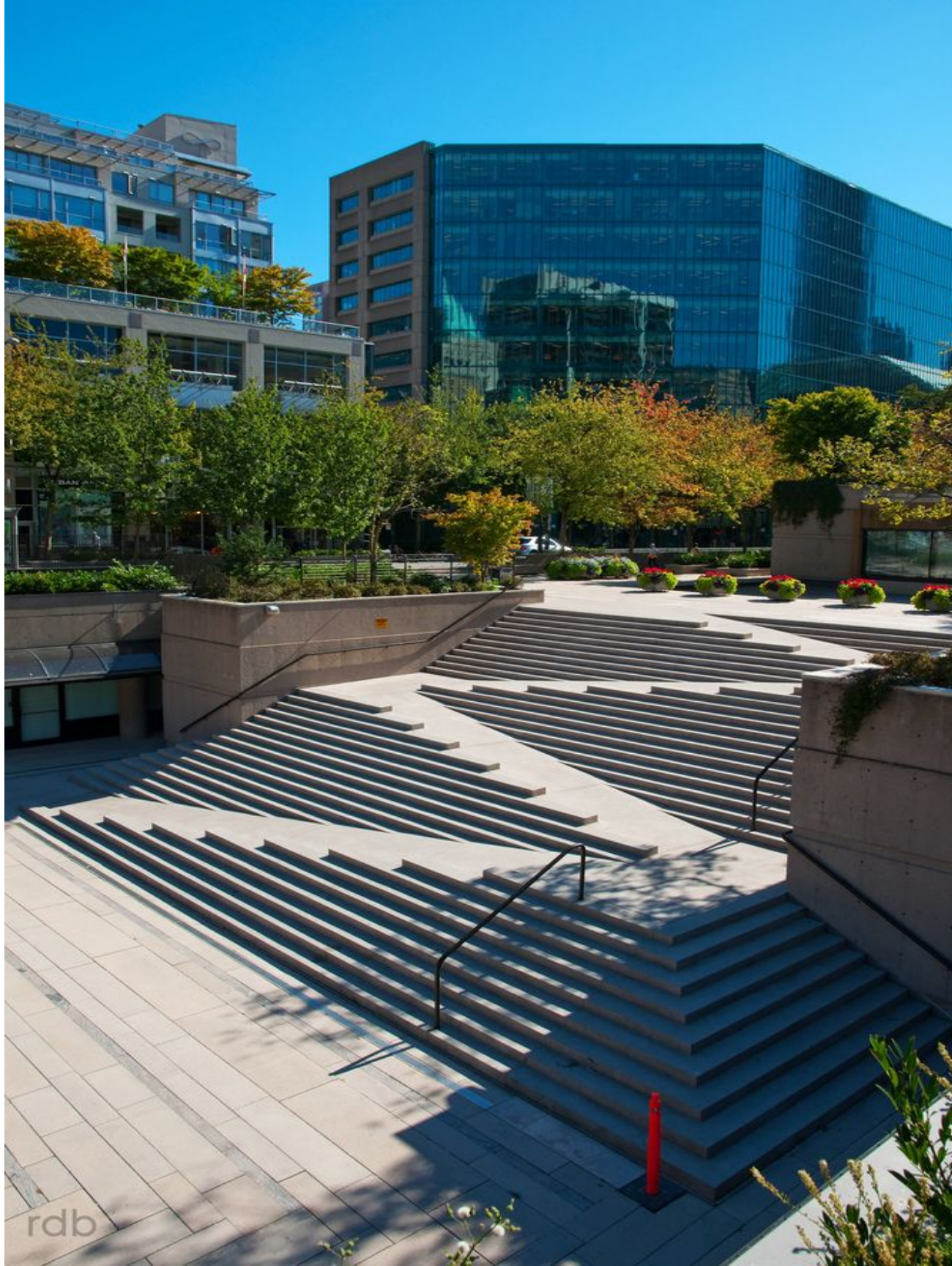
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- If anything less than 100% is designated for *aging in place* and/or disabilities then those not living in a specifically designated home who age or become disabled will eventually be forced to move, limit options for location or home and restrict *Visitability*.

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- A relatively low number, such as 5-10%, especially in Public Housing implies that only individuals who are age and disability qualified are eligible for an accessible or *Age in Place* unit. Thus negating the potential for anyone to truly *Age in Place*!



Making it invisible

At its best Universal Design is invisible in that it is distinguished only by being well designed, desired and useable by all.



Ed Roberts Campus

Berkely, CA

Mixed Use:
BART Hub
Offices for
colloaborating
disability services
Fitness Center
Café
Child Development
Center



LMS Architects

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Ed Roberts Campus in Berkeley, California
LMS Architects





Enabling Village

Singapore

Holistically integrated and universally designed inclusive space that integrates education, work, training, retail and lifestyle, connecting people with disabilities and society.



WOHA Architects

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Mission Creek

San Francisco, CA

Mixed Use:

Retail

Office

Public Library

Health Center

Parking Garage

Affordable, 1 & 2 BR Apts

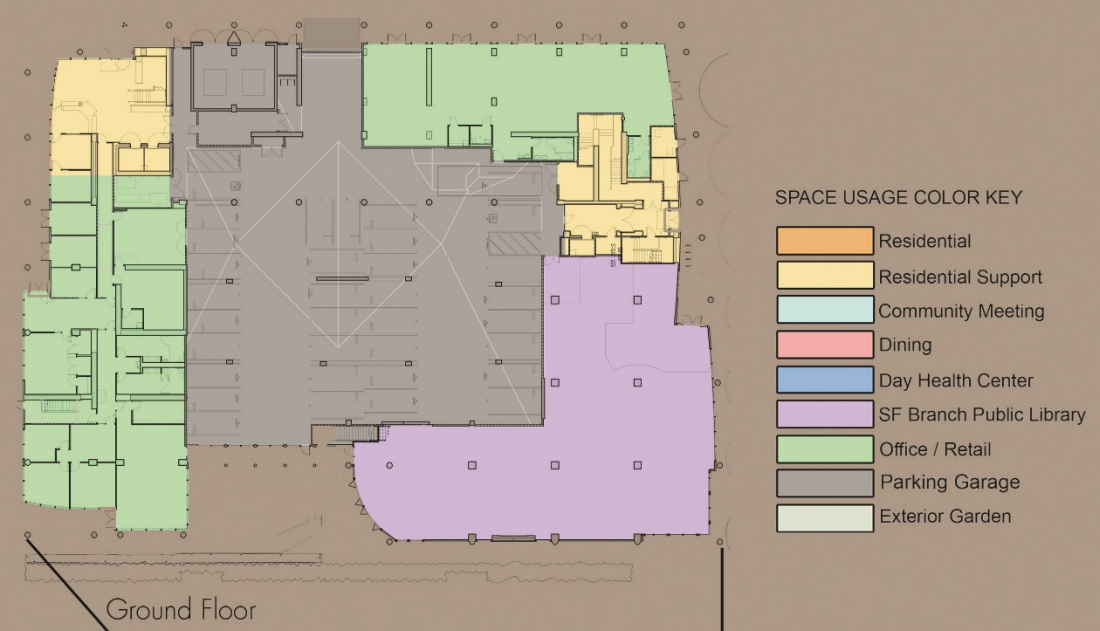
Universal Design, Lic.

Assisted Living

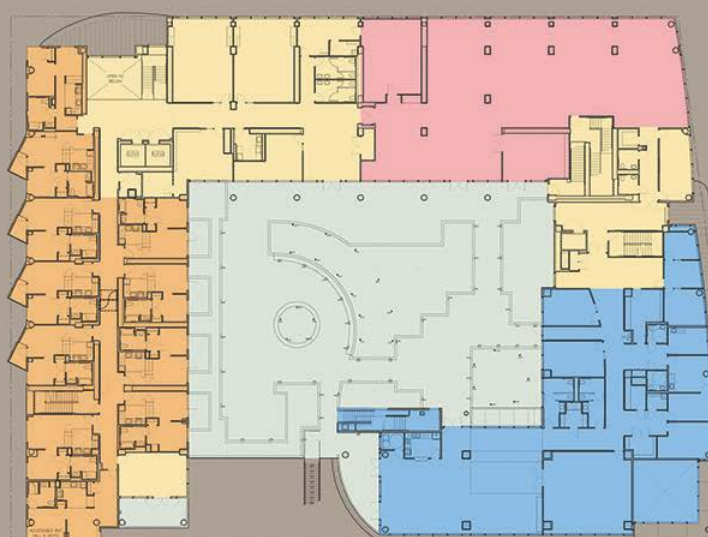


HKIT Architects

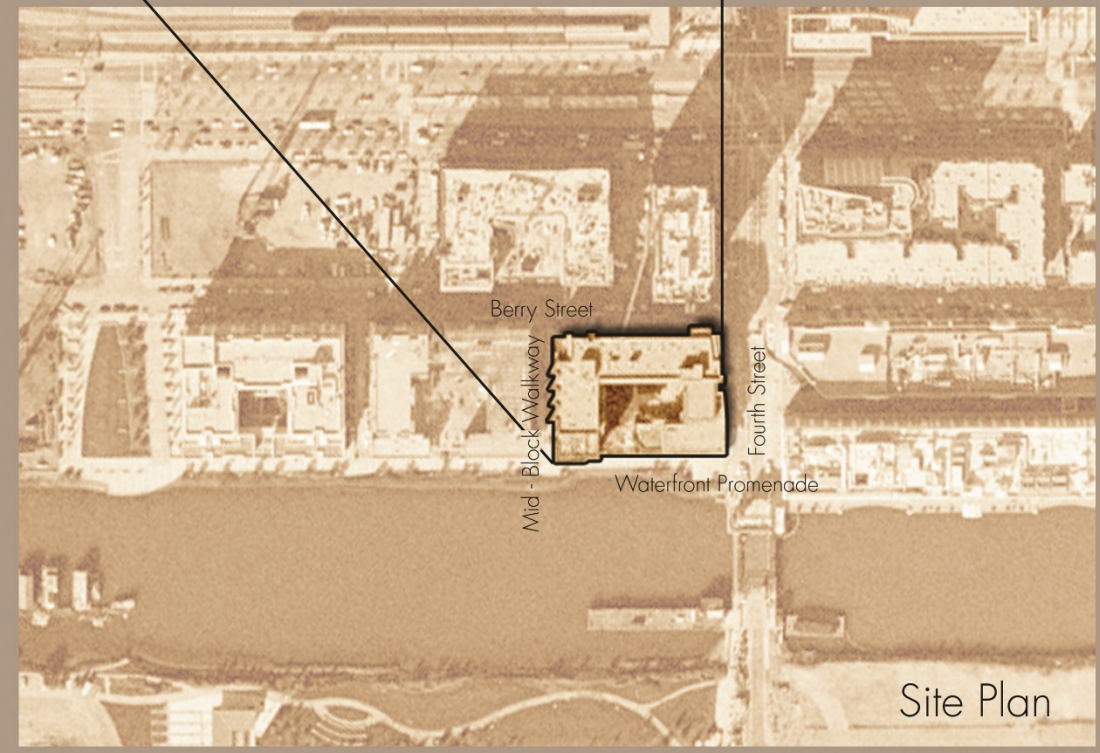
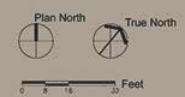
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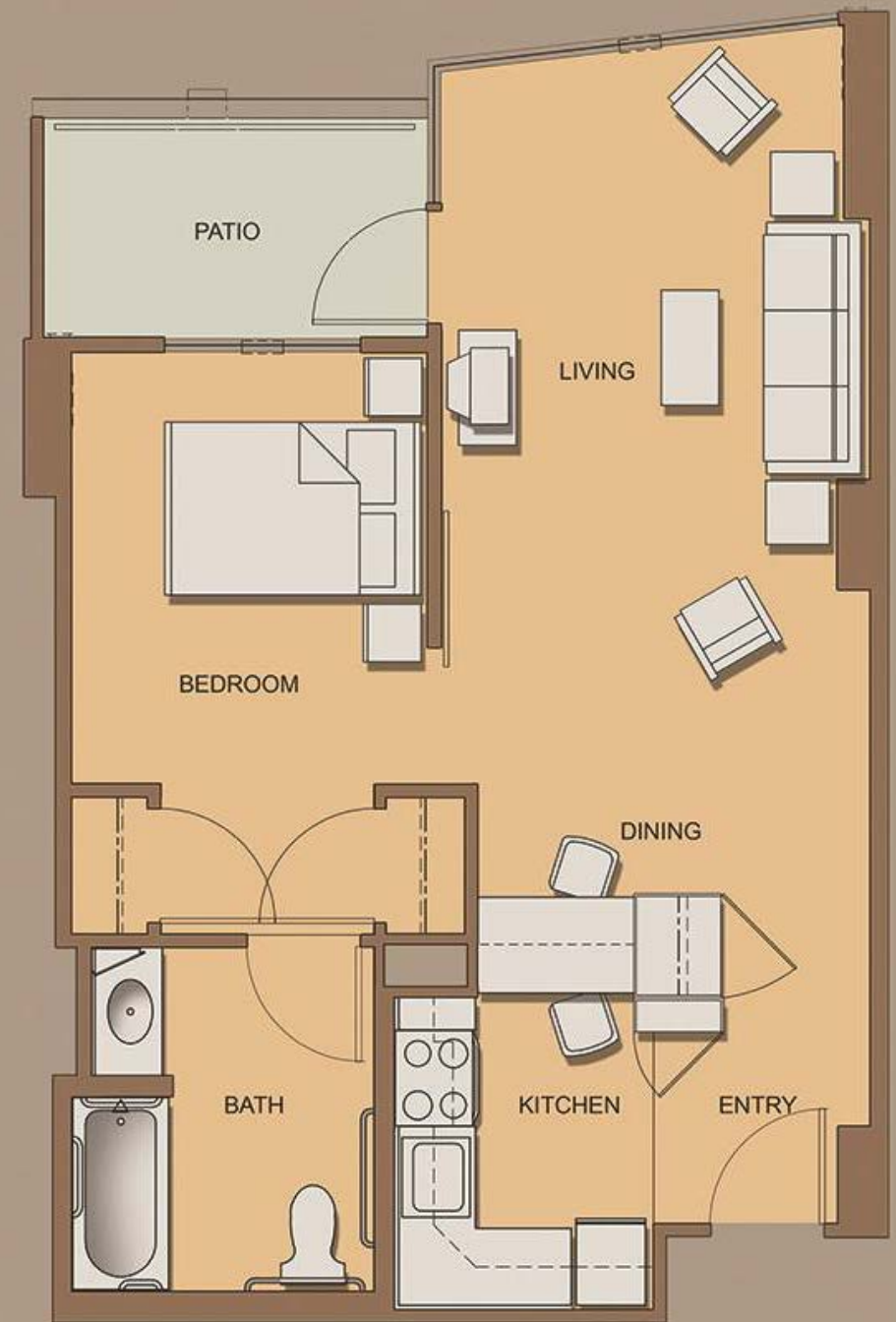


Third Floor



Second Floor





Typical Unit Plan



A photograph of Stephen Hawking in his wheelchair, positioned on the left side of the frame. He is wearing glasses and a dark jacket. The background is a large, fiery orange and red sun or star. The text "Questions?" is overlaid in the lower center, and a quote is in the upper right.

**“Life would be
tragic if it weren’t
funny”**

Stephen Hawking

Questions?