

18. Panel (*Room 2D/2E*):
Environmental Designs for Elder-Friendly Futures

Outdoor Spaces for Retirement Communities

Margarett Harrison

Principal, harrison design | landscape architecture

Designing for Neighborhoods and Communities

John Shoemith

Principal, Shoemith Cox Architects

Single-Family Homes that Support Aging-in-Place

Emory Baldwin

Principal Architect, FabCab





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Community



What Makes a Great Place?

- key attributes
- intangibles
- measurements



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Seniors and Community

- Library
- Volunteer opportunities
- Community center
- Education opportunities
- Grocery store
- Pharmacy
- Health facilities
- Clubs

Community large scale



- 1 Community Center
- 2 Sports / Recreation Park
- 3 Elementary School
- 4 Neighborhood Center
- 5 Senior Village - '36' DUA
- 6 Central Park
- 7 Neighborhood Shopping / Mixed Use
Low Rise Condominiums '28' DUA
Townhouse / Duplex '14' DUA
- 8 Community Health Center
- 9 Branch Library
- 10 Longfellow Creek Watershed
- 11 Pond Park (Stormwater)



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Purpose





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"Great heavens! You're right, it is her!... Y' know I remember her when she used to be in focus."



Choices



Physical Activity



Community small scale



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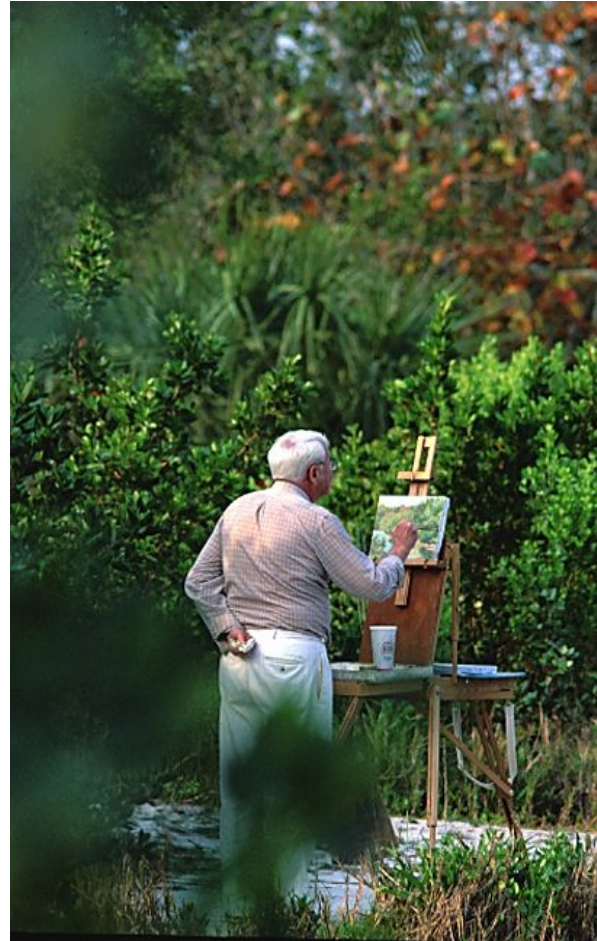
Purpose



Choices



Physical Activity



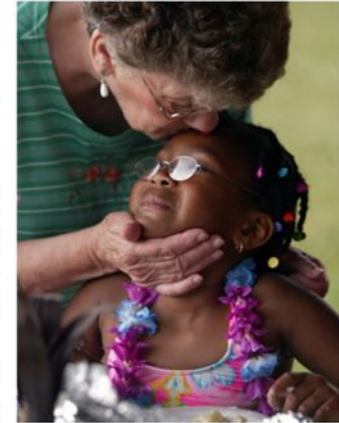
Socially Engaged / Physically Active





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Congregate and Intentional Housing for Aging in Community

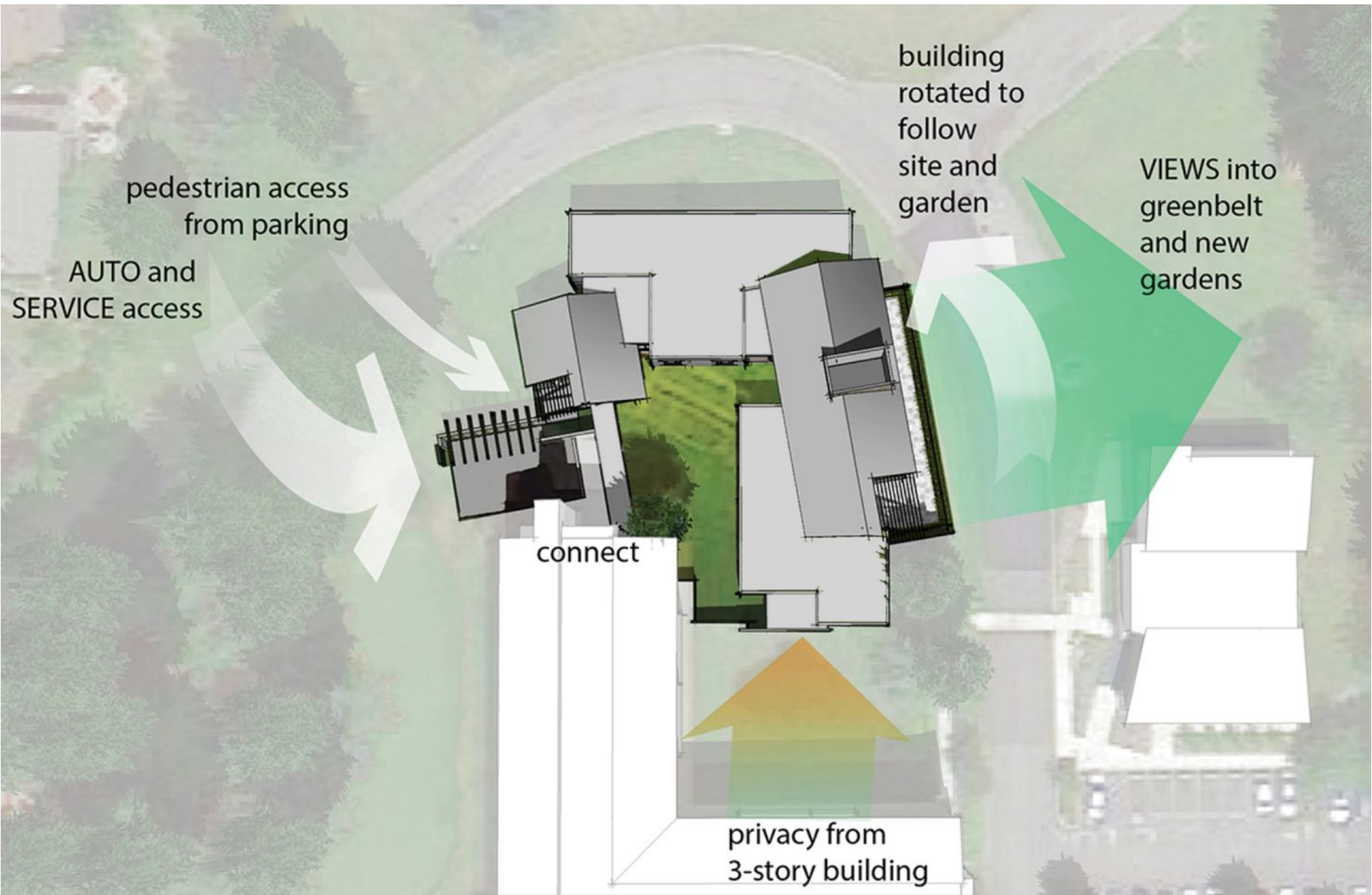


Presented by:

John Shoesmith, AIA, NCARB, LEED^{AP}

September 18, 2015

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pedestrian access
from parking

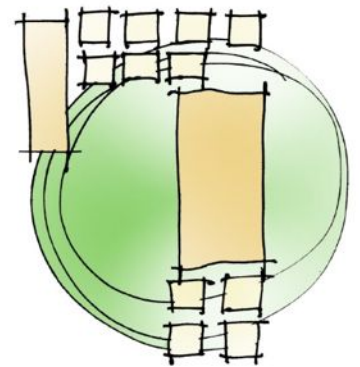
AUTO and
SERVICE access

building
rotated to
follow
site and
garden

VIEWES into
greenbelt
and new
gardens

connect

privacy from
3-story building



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Tacoma Lutheran Memory Care Small House - Tacoma, WA



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Summitview Health Center - Yakima, WA



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Leonard Florence Center - Chelsea, MA
DiMella Shaffer



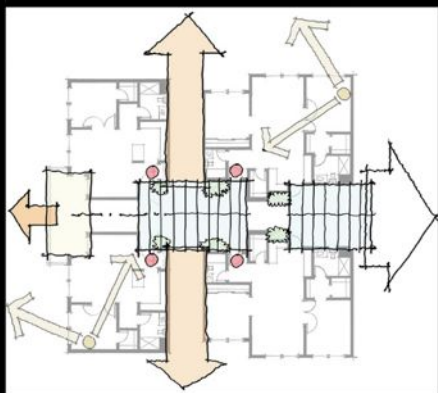
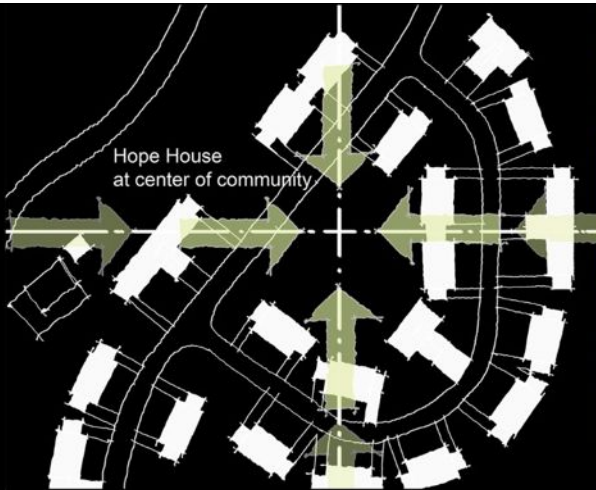
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The Parkinson's Project



eighteen 800 s.f. 2-br cottages for couples where one individual has Alzheimer's

Germantown Home Memory Care Cottages - Philadelphia, PA



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The Hope Houses at Hope Meadows - Rantoul, IL



Legend

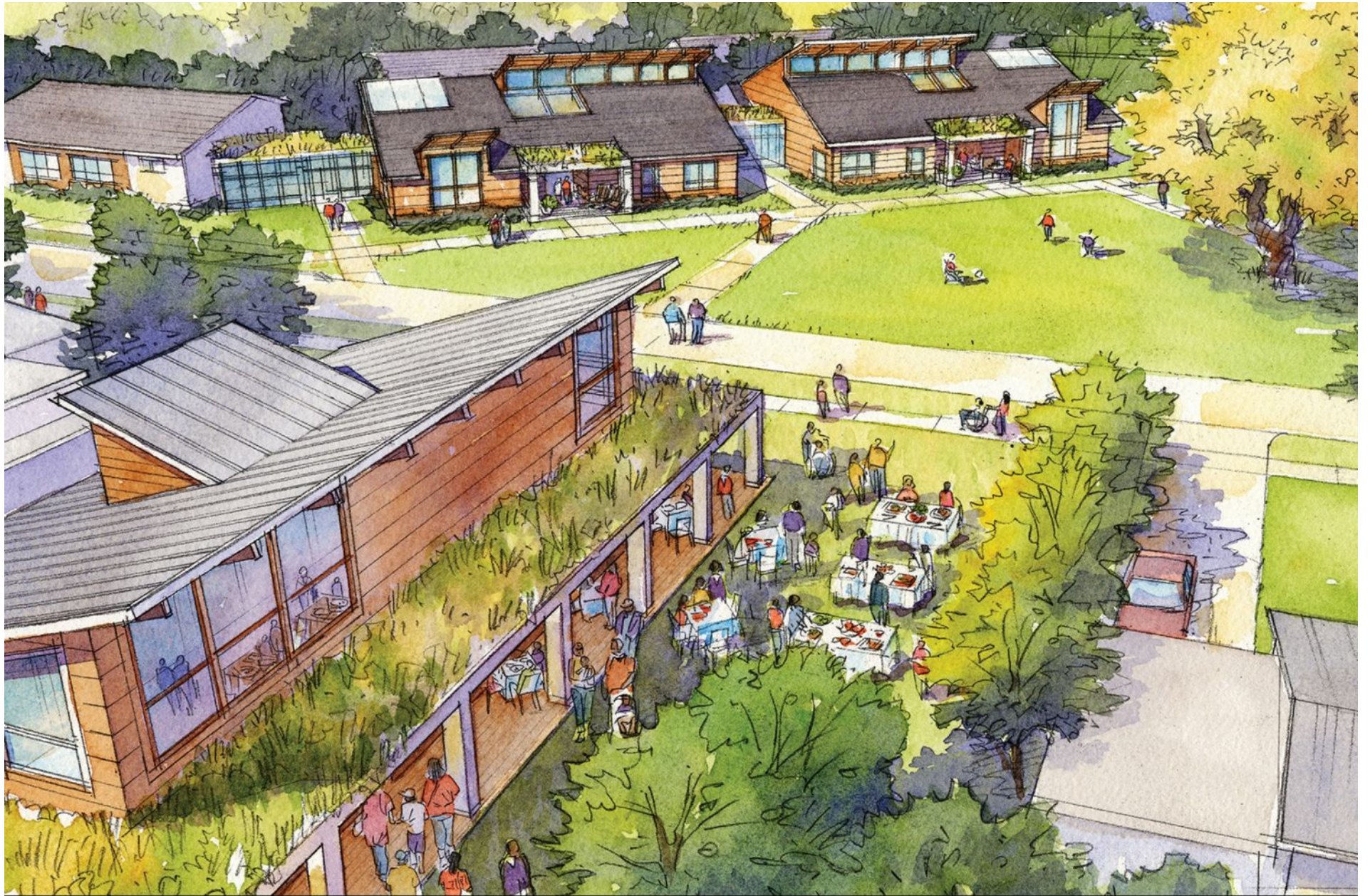
- 1 Existing Homes
- 2 Existing Intergenerational Center
- 3 New arrival for Intergenerational Center
- 4 Community Hall
- 5 Hope Houses
- 6 Community Green
- 7 Curbless, Narrowed Street
- 8 Wide path suitable for vehicle access
- 9 Community Garden

Conceptual Site Plan



Floor Plan Keeps Elders Engaged in Community

Organization of the plan reinforces existing social patterns that create community. Unit design gives seniors control and ability to keep engaged.



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The Hope Houses at Hope Meadows - Rantoul, IL



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The Hope Houses at Hope Meadows - Rantoul, IL

- 1 widen entry road and bridge arrival place. note arrival axis to intergenerational center (IGC)
- 2 identity signage for estate lots
- 3 identity signage for Wellspring community
- 4 additional parking @ IGC
- 5 intergenerational center (new)
- 6 expanded site for co-housing this area

- 8 "village green" connections to IGC, village hall, recreation and pedestrian circulation loop
- 9 recreation and play -- connection to estate lot community
- 10 village hall in renovated gymnasium
- 11 connection to lower campus, street
- 12 renovate and re-purpose existing dormitory buildings as transitional, overflow or guest housing

- 13 sell-off parcels as indicated - approximately 25 Ac. estate lot housing at 2+ lots/Ac net (approximately 50 lots)
- 14 underlying assumptions on lots as follows:
 7+ lots given over to co-housing @ 6 units
 62 lots remaining for 58 units
 44 supportive family + seniors
 14 foster family





street section
typical neighborhood street -- two-way with parallel parking one side

detail plan @ IGC / arrival

wellspring
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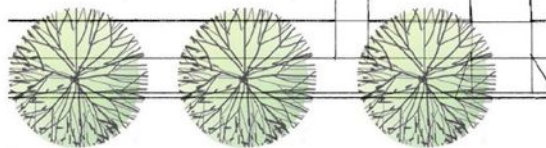
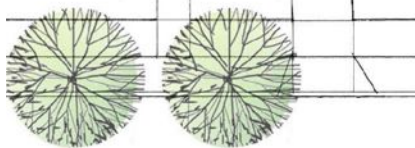
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Wellspring Intergenerational Community - Farmington Hills, MI



plan notes
houses may be duplexed or tri-plexed as indicated, and clustered to create co-housing micro-communities.

duplex
3 or 4-bedroom / 1 or 2 bedroom



tri-plex
3 or 4-bedroom / 3 bedroom / 1 or 2 bedroom





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Single-Family Homes that Support Aging-in-Place



Presented by:

Emory Baldwin, AIA, NCARB

September 18, 2015



Universal Design - *not just about Aging-in-Place*

Universal Design:

Universal Design is the design of products and environments to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design. *-Ronald Mace*

Human Factors:

Humans come in a wide range of abilities, sizes, ages, cognitive and sense acuity. We must embrace designing for the range, not for some narrow portion considered the “norm”.

The Human Spectrum

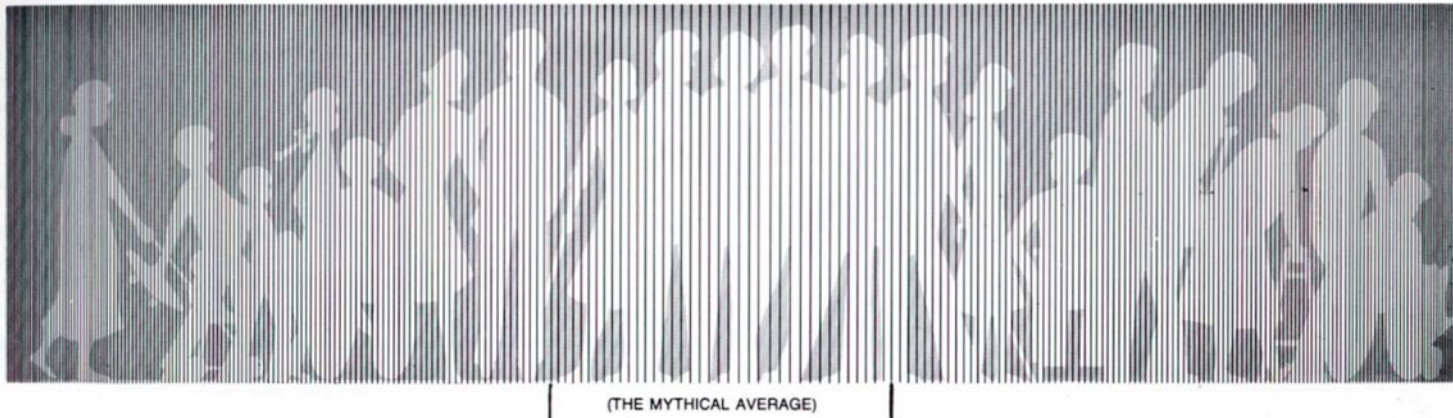


Image by Barbara Allen, author, UD instructor

Green Lake Residence – Model U.D. Home

Seattle, Washington



Seattle Home – *Two Accessible Levels*



Photos by Dale Lang

Seattle Home – *Accessible Entry*



Seattle Home – *Stacking closets for future elevator*



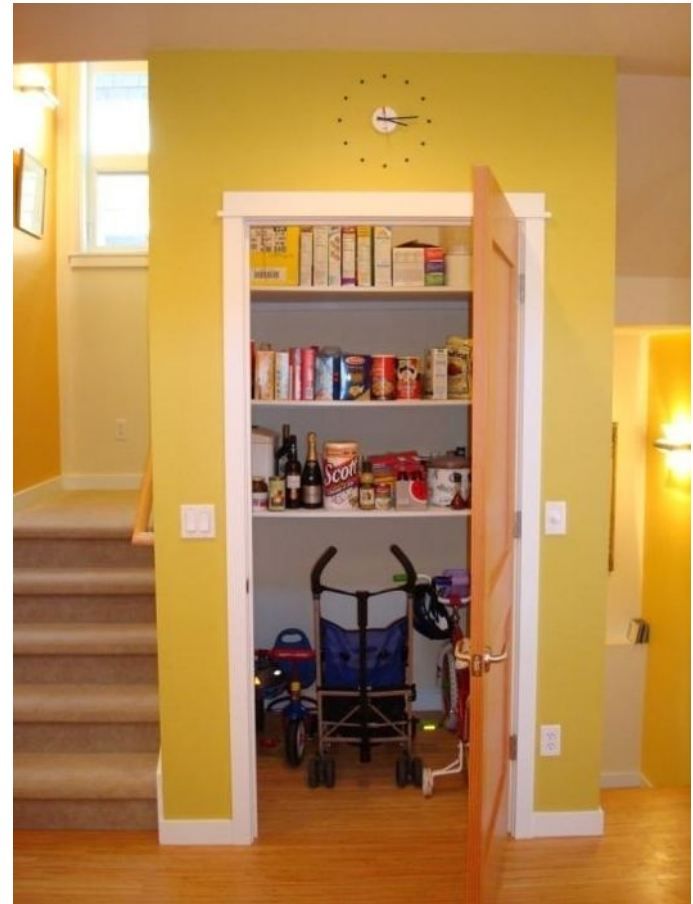
Seattle Home – *Stacking closets for future elevator*



Seattle Home – *Stacking closets for future elevator*



Photo by Mark Hunt



Seattle Home – *Stacking closets for future elevator*



Photo by Mark Hunt

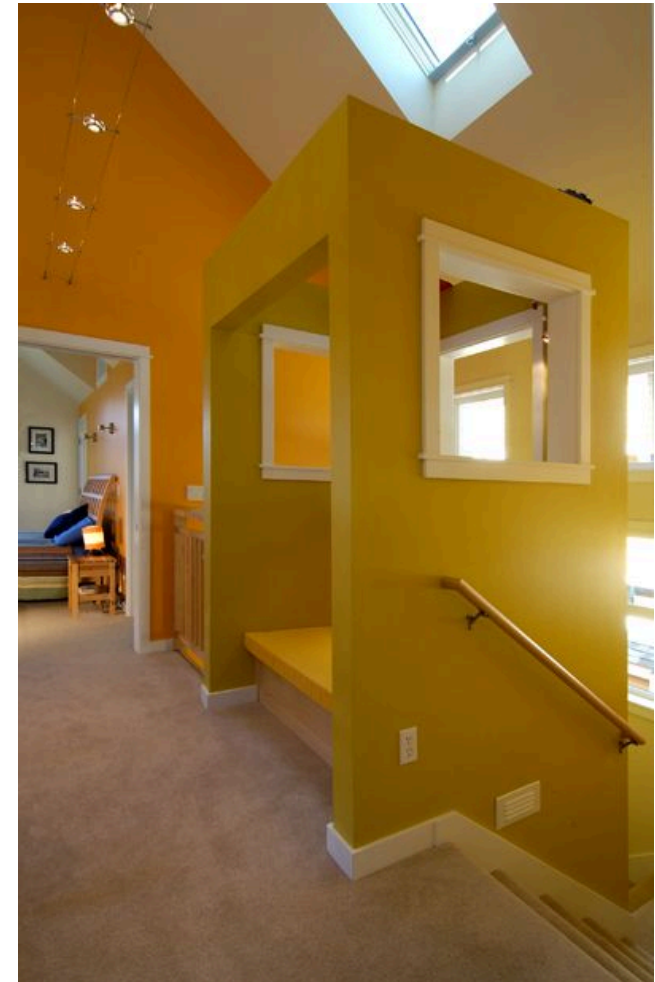


Photo by Dale Lang

Seattle Home – Accessible Bathrooms



Seattle Home – *Roll-away base cabinets under sink*



Photos by Dale Lang

Seattle Home – *Safety features*



Photo by Mark Hunt



Photo by Dale Lang



Universally Designed Accessory Dwelling Unit
With many uses...



Photo by Dale Lang



Accessible Route of Travel

Stepless Entry



Photos by Dale Lang



Flexible space

Sliding doors make it easy to re-configure space.



Photo by Dale Lang



Open Floor Plan

Ease of maneuverability



Photo by Dale Lang



Knee space under sink

Improved Accessibility



Photo by Dale Lang

Universally-Designed Kitchen



- Knee space below sinks
- Varying counter heights
- Accessible appliances



Photo by Dale Lang



Universally Designed Accessory Dwelling Unit
With many uses...



Re-built as a getaway cabin

Port Townsend residence



Site planning – *Covered entry and carport*



Interiors - kitchen



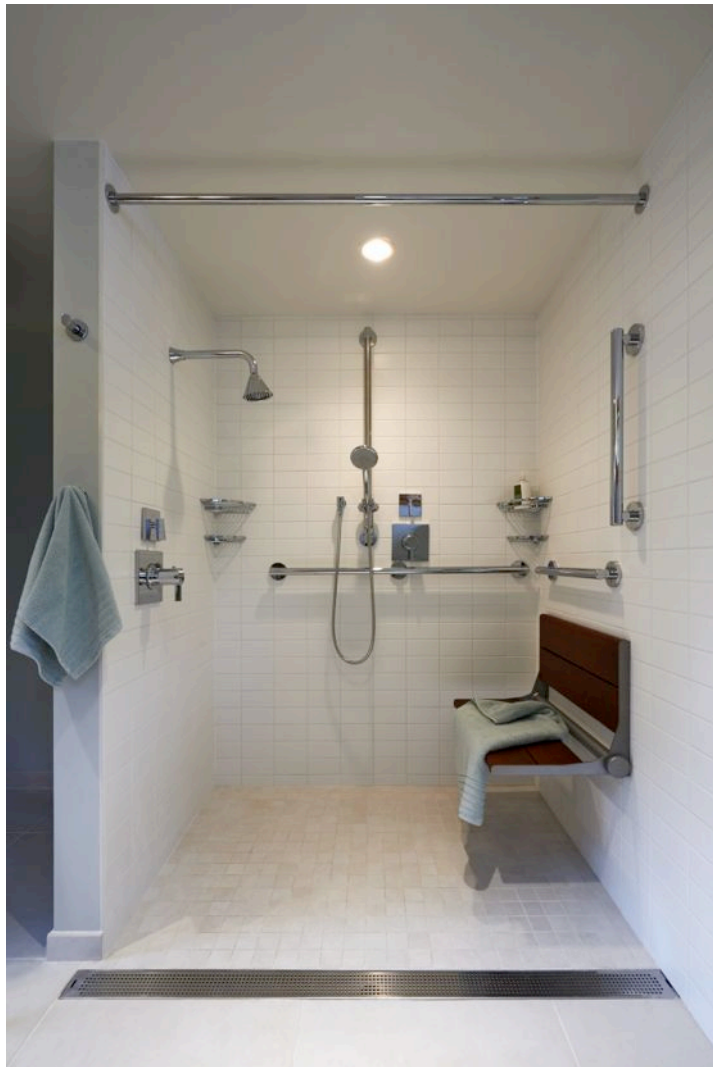
Interiors - kitchen



Interiors - kitchen



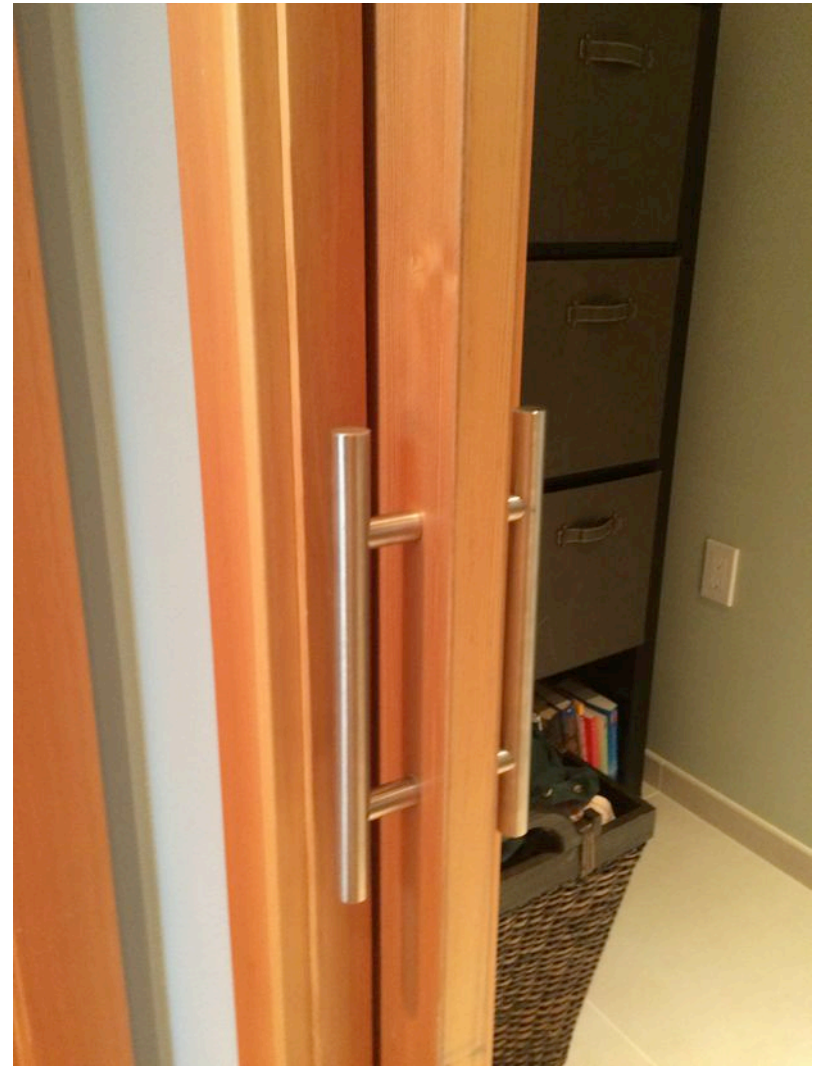
Interiors - bathrooms



Interiors - bathrooms



General features



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