



Intergenerational Living: Architecture for Community

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Healing and Place are Inseparable.

Wilbert M. Gesler, *Healing Places*, 2003

architecture/environments
can be conducive to healing
physically
socially
mentally
emotionally
spiritually



academic goals

- _to discover design characteristics for a new building type
 - _to explore relationships between architecture and human health/well-being
-

Why this topic?

_on 1 January 2011 the oldest baby boomers turned 65

<http://www.pewsocialtrends.org/2010/12/20/baby-boomers-approach-65-glumly/>

_baby boomers are retiring at a rate of 10,000 per day

_this trend will continue for the next 17 years

<http://pewresearch.org/pubs/1834/baby-boomers-old-age-downbeat-pessimism>

_in 3 years 50% of the US adult population will be aged 50+

_baby boomers are healthy, growing and re-imagining their lives

_78% of adults between the ages of 50 – 64 prefer to age at home rather than a retirement community and/or nursing home

<http://boomagers.com/most-valuable-generation>



baby boomers intend to

- _continue to work, full- or part-time
- _spend more time with family and friends
- _volunteer or start a new business
- _lead healthy lives
- _engage in hobbies and life-long learning
- _age at home**

implications

- _home health care services
 - _other services such as grocery deliveries
 - _new products, i.e. for increased mobility
 - _innovative housing models for new forms of living**
-

Architecture for Community

**inter-generational living:
one possible innovative housing model?**

not only for aging populations
but also for
singles
single parents
families with many children
room mates
non-traditional families
persons with disabilities
live-in care takers



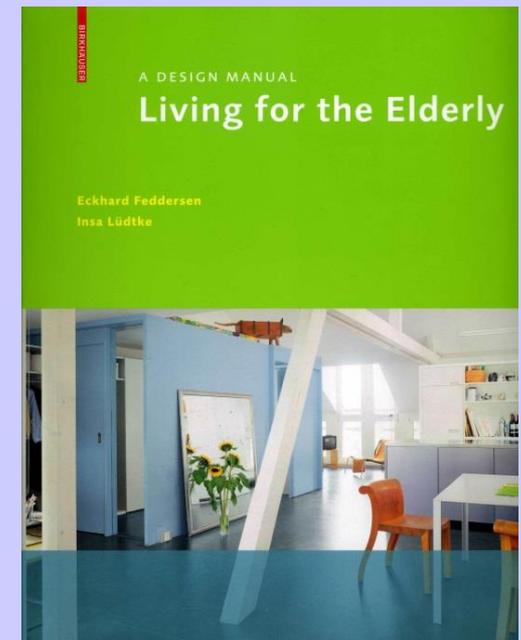
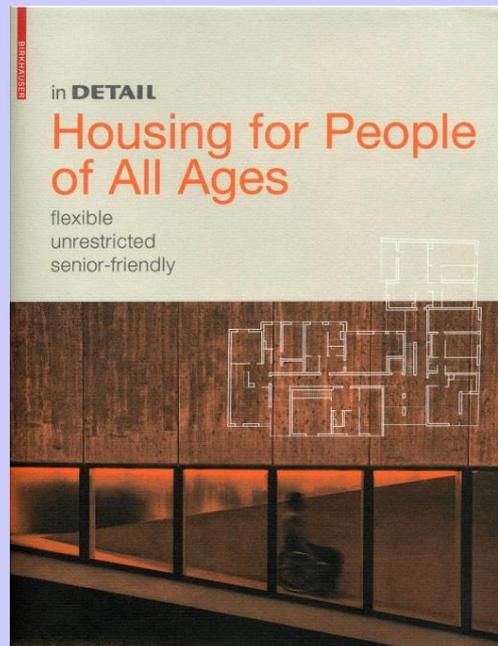
**residential environments that promote mutual neighborly
support and allow in equal measure both independence without
isolation and informal community with safety and comfort**

The Return of the Multi-Generational Family Household

- _In 2008, 49 million Americans, or 16% of the total U.S. population, lived in a multi-generational family. In 1980, this figure was just 28 million, or 12% of the population.
- _The growth since 1980 in these multi-generational households is partly the result of demographic and cultural shifts.
- _From 2007 to 2008, the number of Americans living in a multi-generational family household grew by 2.6 million.
- _About one in five adults ages 25 to 34 now live in a multi-generational household. So do one-in-five adults ages 65 and older.
- _Older adults who live alone are less healthy and they more often feel sad or depressed than their counterparts who live with a spouse or with others.

European Examples - Design Guidelines

- _ universal/barrier-free design
- _ bringing the world into the building
- _ community at various scales
- _ communal social spaces 'at the center'
- _ realms to linger along circulation paths
- _ adaptable living units
- _ circular path within unit
- _ daylight from two sides
- _ access to nature



Housing Association/Coop 'Wohngenossenschaft'

toward social and
economic sustainability

non-profit organization
membership
social awareness
independent
statutes
inexpensive rental units
housing options
maintenance

education

kindergartens
preschools
schools

services

shopping
healthcare
car sharing

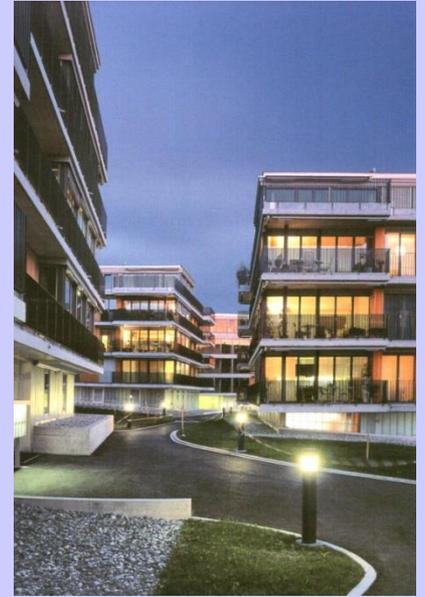
recreation

public swimming pool
tennis courts
soccer field
ice rink
clubs

public transportation
bus lines

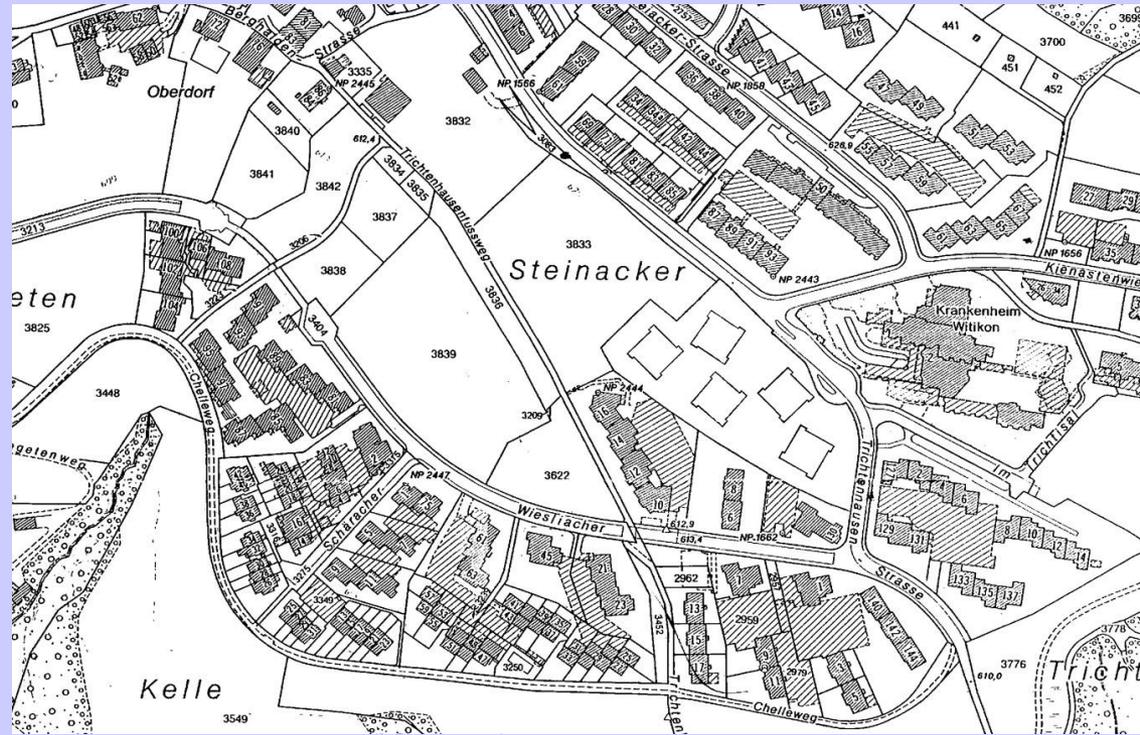
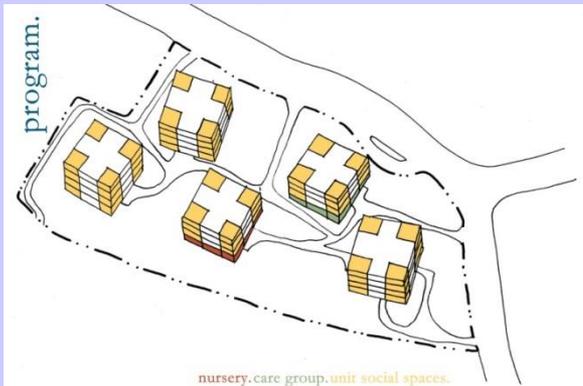
Steinacker Residential Complex
Zurich, Switzerland
Hasler Schlatter Partner Architects

2005 Age Award, Swiss Age Foundation



daylight from two sides

views to nature and
Lake Zurich

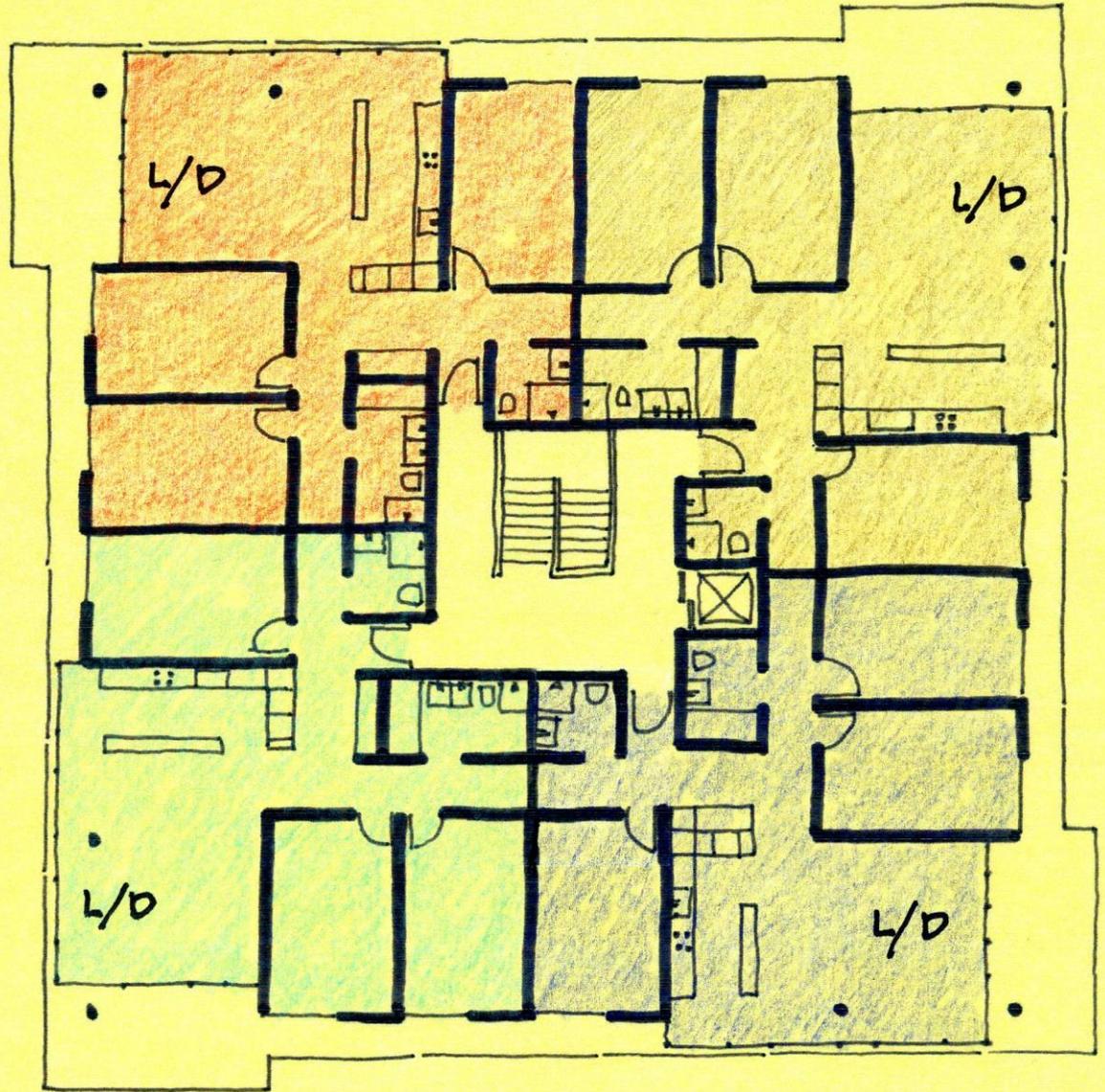


- _ completed 2004
- _ five free-standing 'urban villas'
- _ 75 units
- _ a kindergarten
- _ an apartment for six persons with dementia

community at various scales

typical upper floor

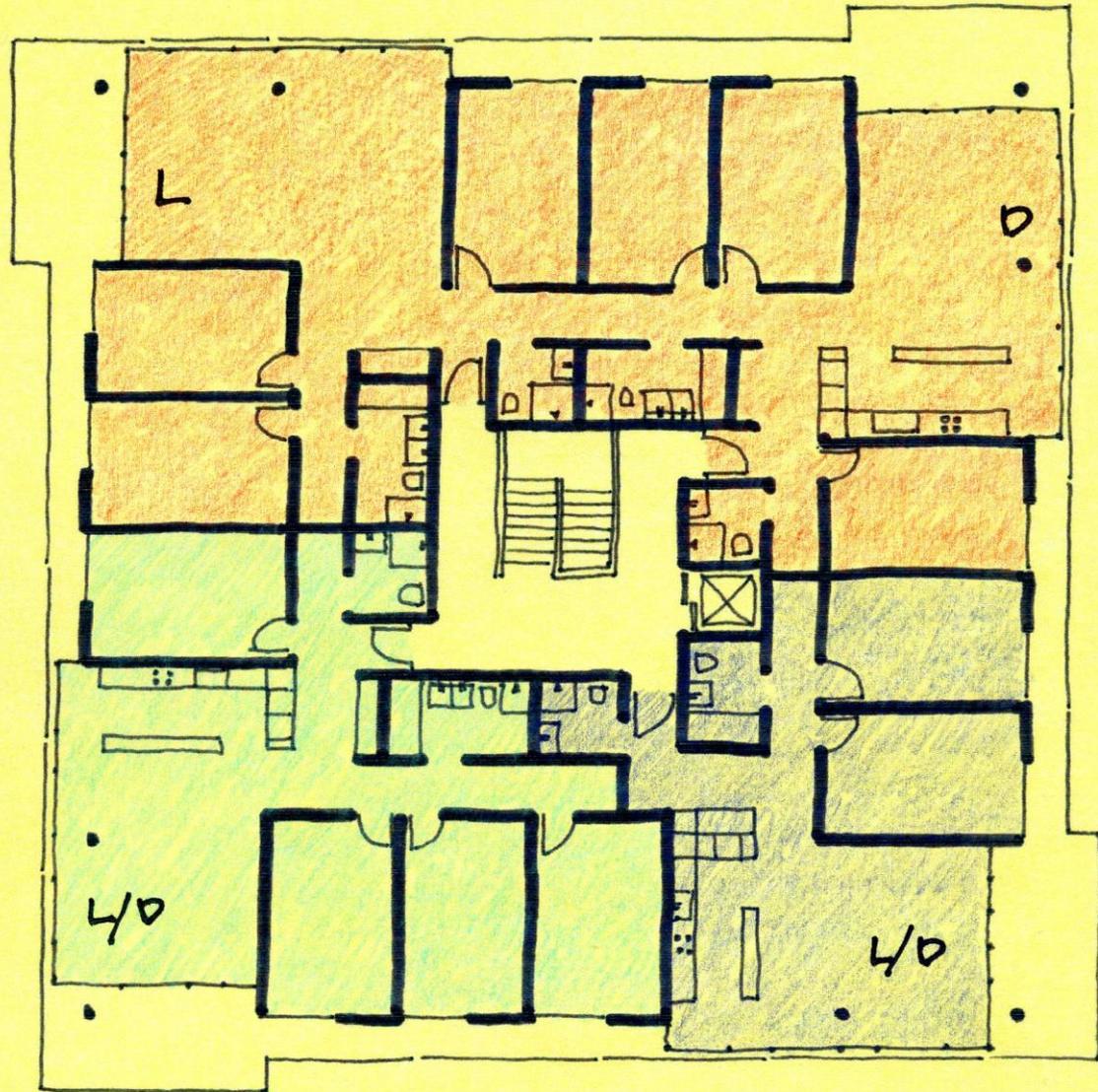
4 identical units with open plan living, kitchen, dining and 3 bedrooms

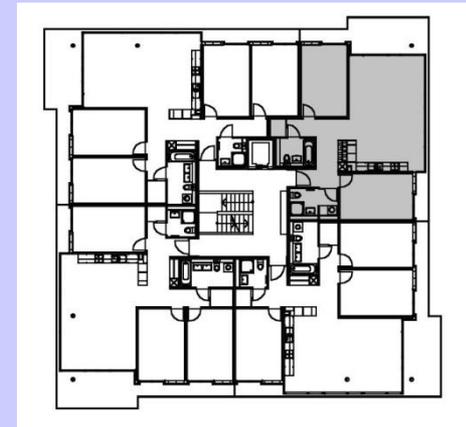
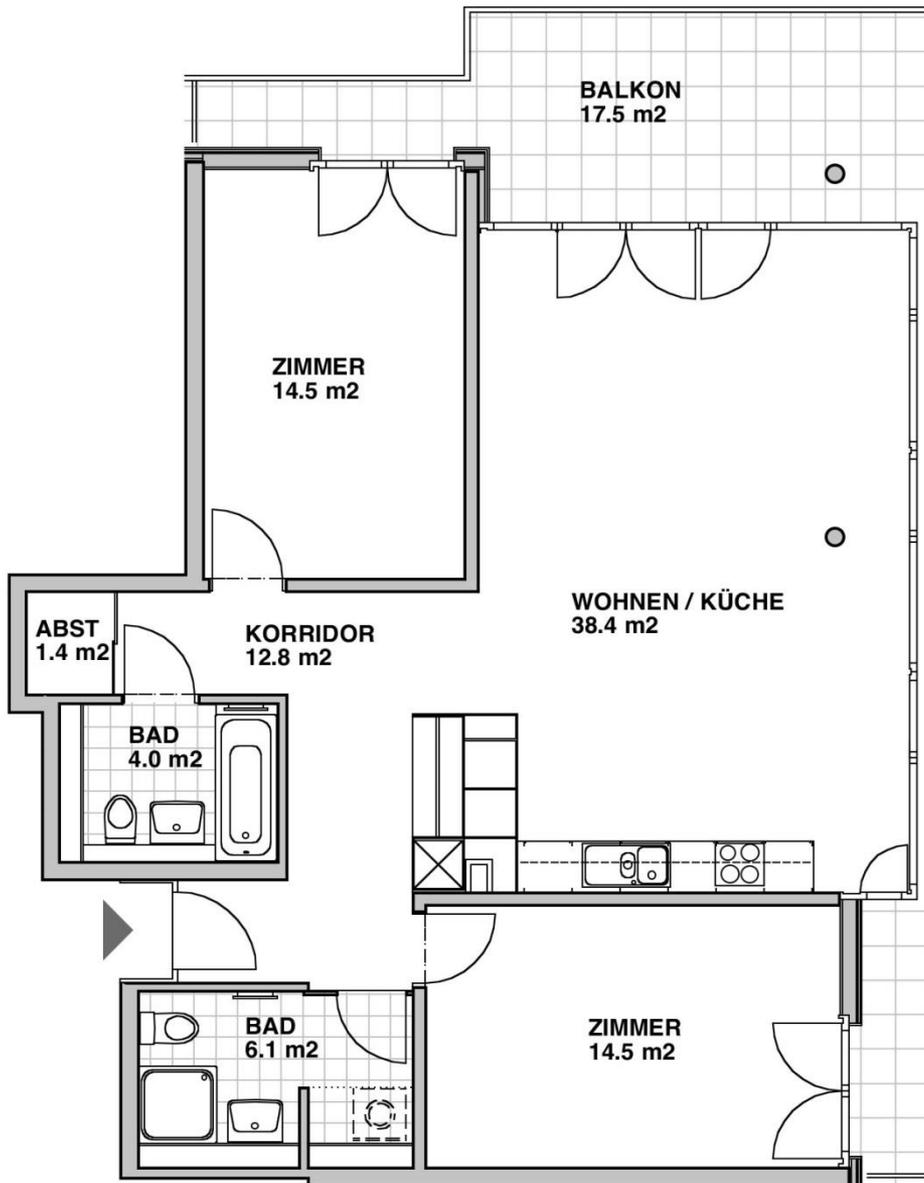


**adaptable
living units**

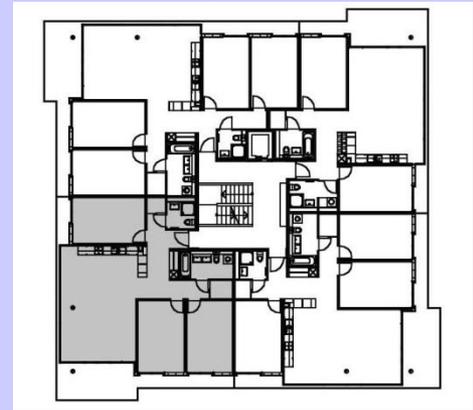
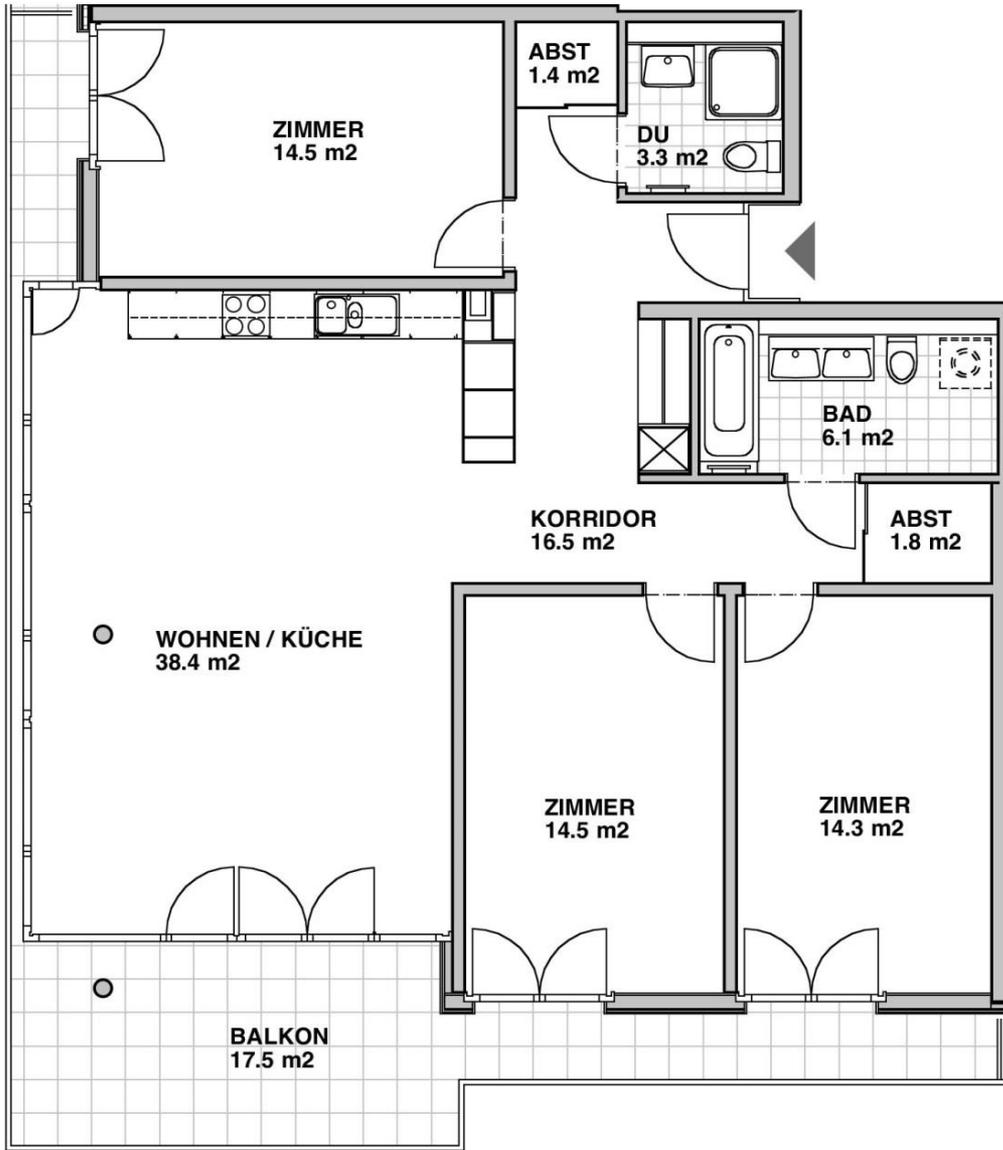
barrier-free access

3 units with
open plan living,
kitchen, dining and
2, 3, 4 or 6 bedrooms

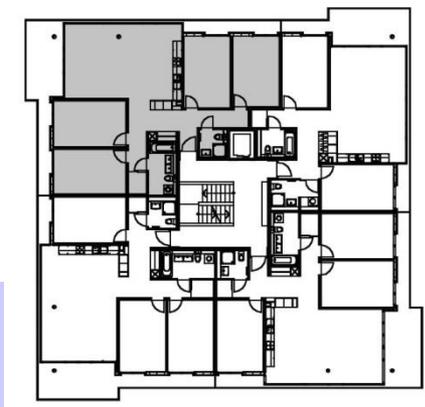
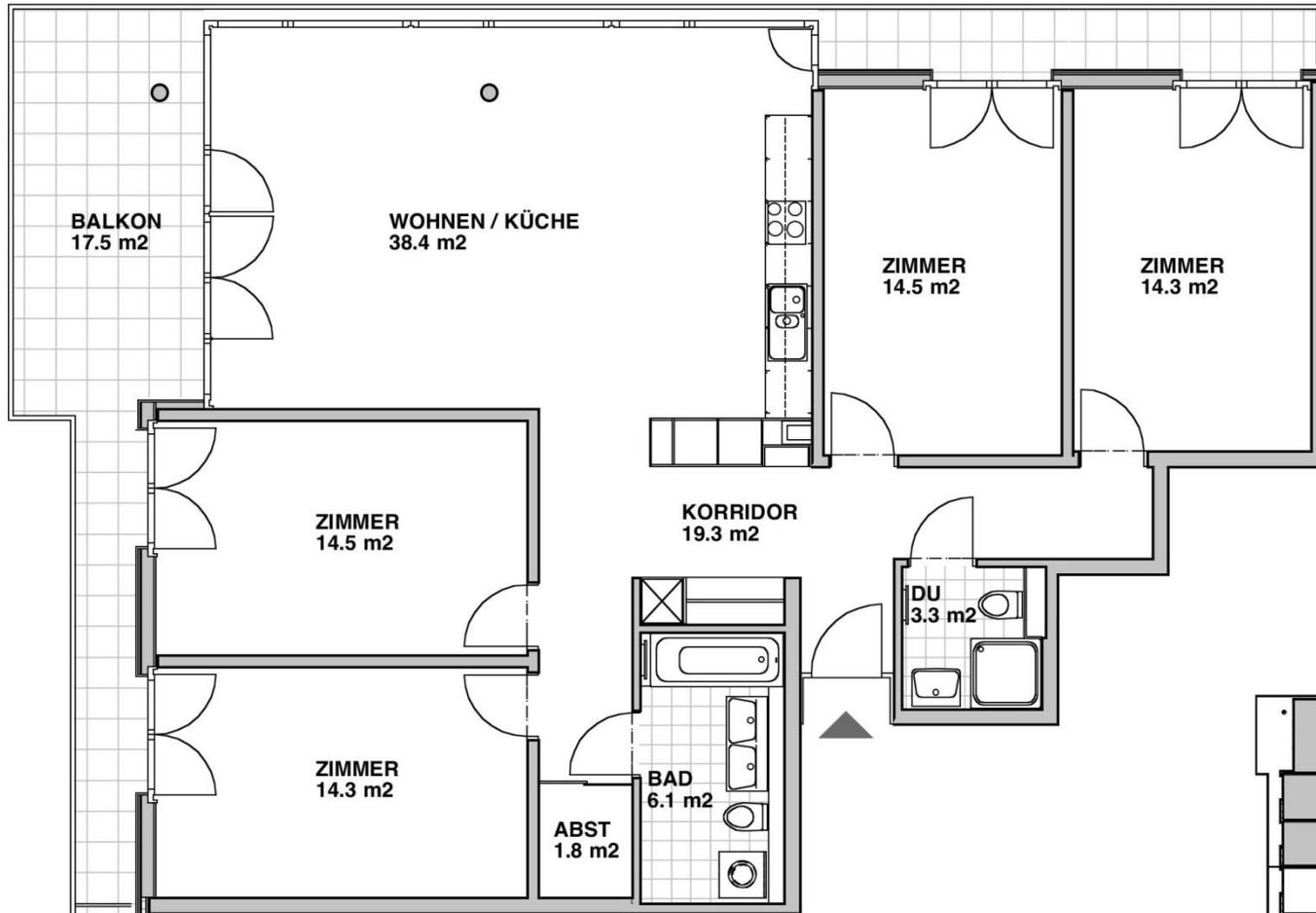




2 bedroom apartment
990 sq ft



3 bedroom apartment
1200 sq ft



4 bedroom apartment
1360 sq ft

community at various scales

bringing the world into the building



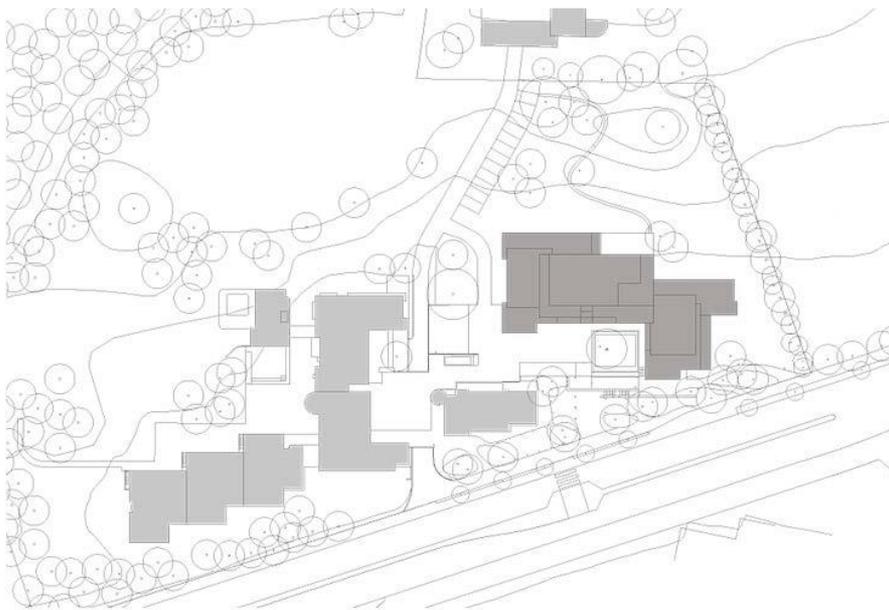
apartment for persons with dementia



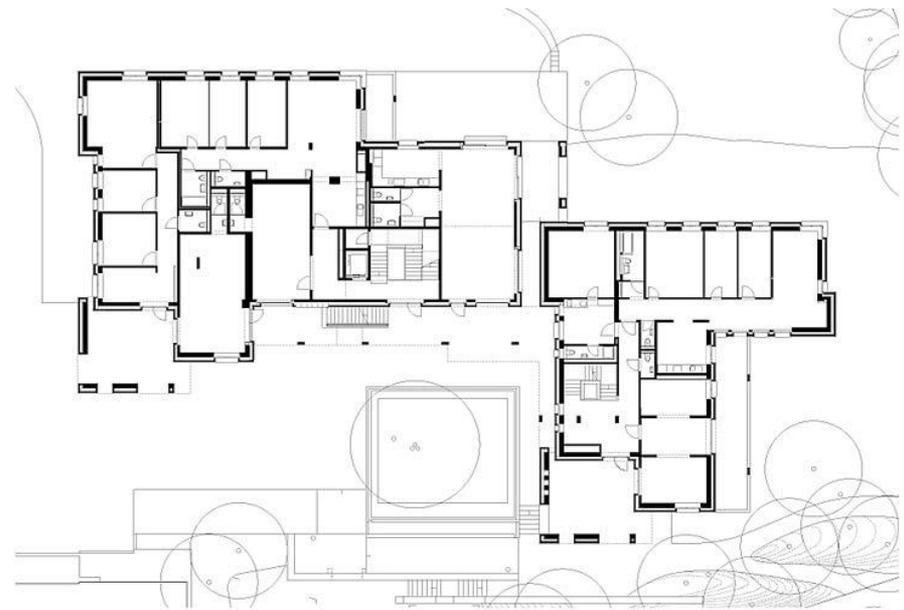
kindergarten

Kraftwerk 2
Zurich, Switzerland
Adrian Streich Architekten

- _completed 2011
- _adaptive reuse
- _mix of housing options
- _offices, studios, communal rooms



site plan



floor plan



Cluster Living

combination of micro units within a larger apartment

access to nature

community at various scales



_ exterior terraces and stairs benefit all units

_ courtyard, offices, studios and communal spaces on the ground floor

**Hunziker Areal
Zurich, Switzerland**

**Age futurafrosch/
Duplex Architekten**



City of Zurich
First Place Award

urban planning and
housing design

completion 2014/15
1100 persons



-  Gemeinschaftsbereich
-  Privatbereich

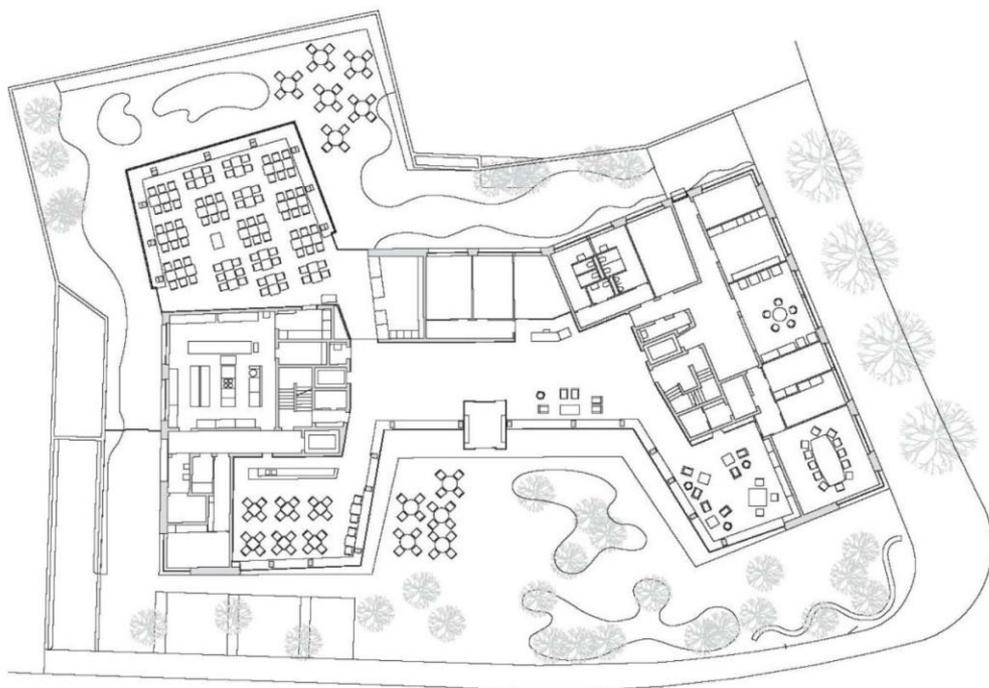
**Spirgarten Residence
Zurich, Switzerland
Miller & Maranta Architects**



- _ completed 2006
- _ 68 apartments
- _ eldercare, 18 individual rooms

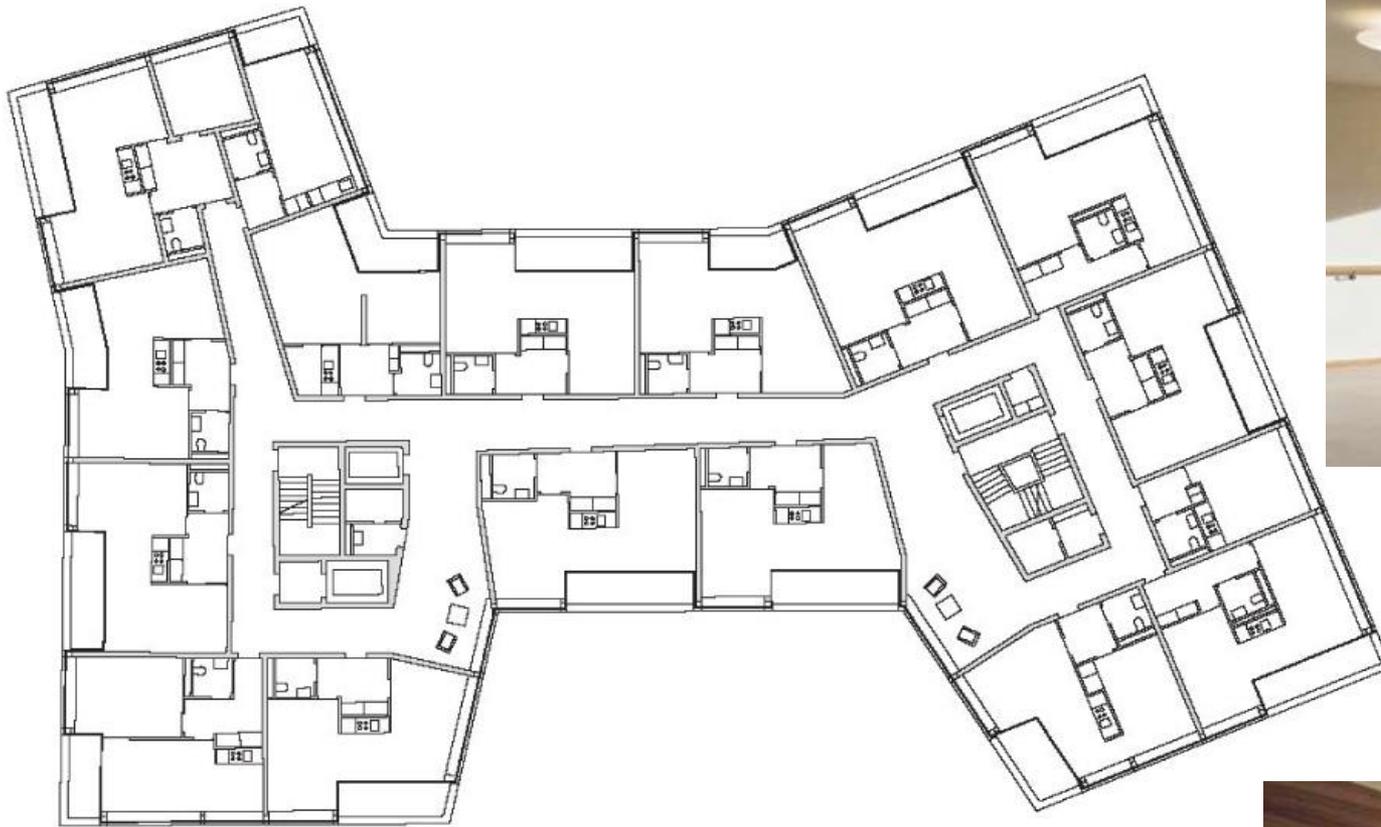


**bringing the world into the building
“hotel character”**



ground floor

café
restaurant
fireplace room
garden



typical residential floor

**circular path on the floor
realms to linger along circulation paths**

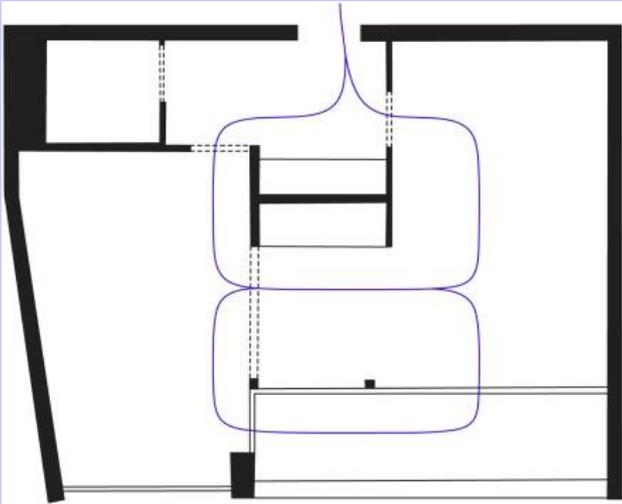


access to nature

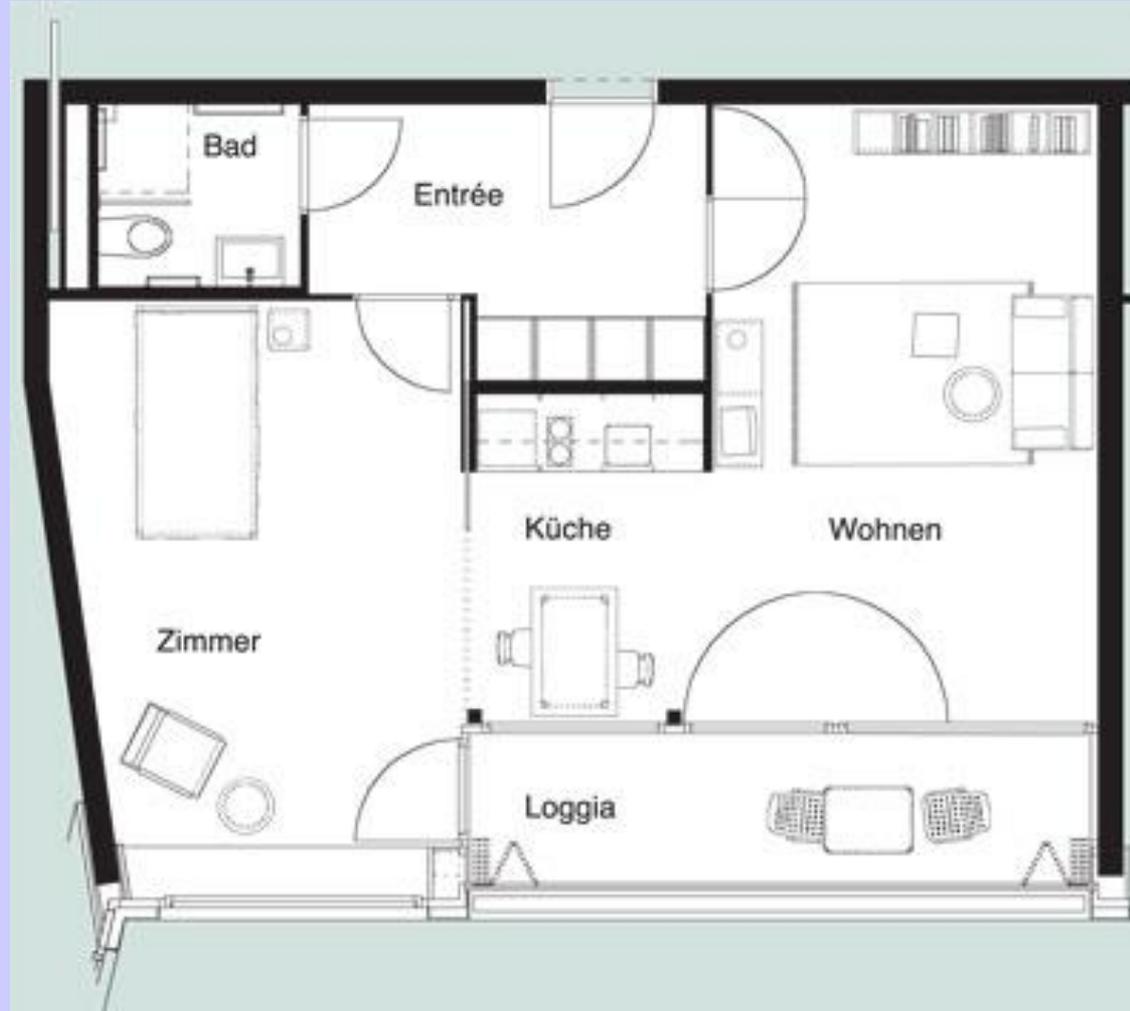
light from two sides

studio/efficiency apartment

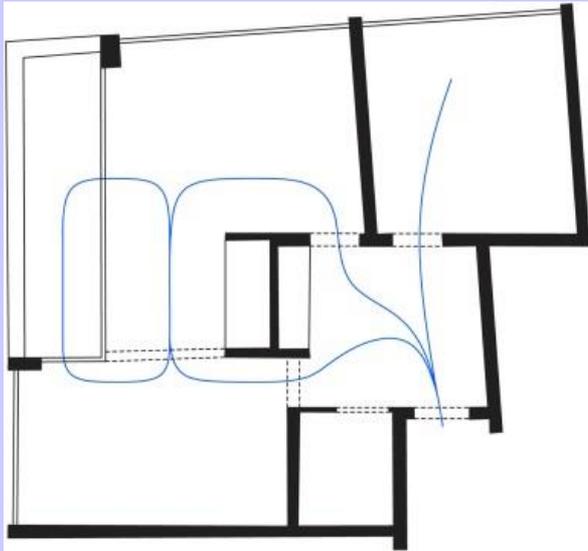




one-bedroom apartment



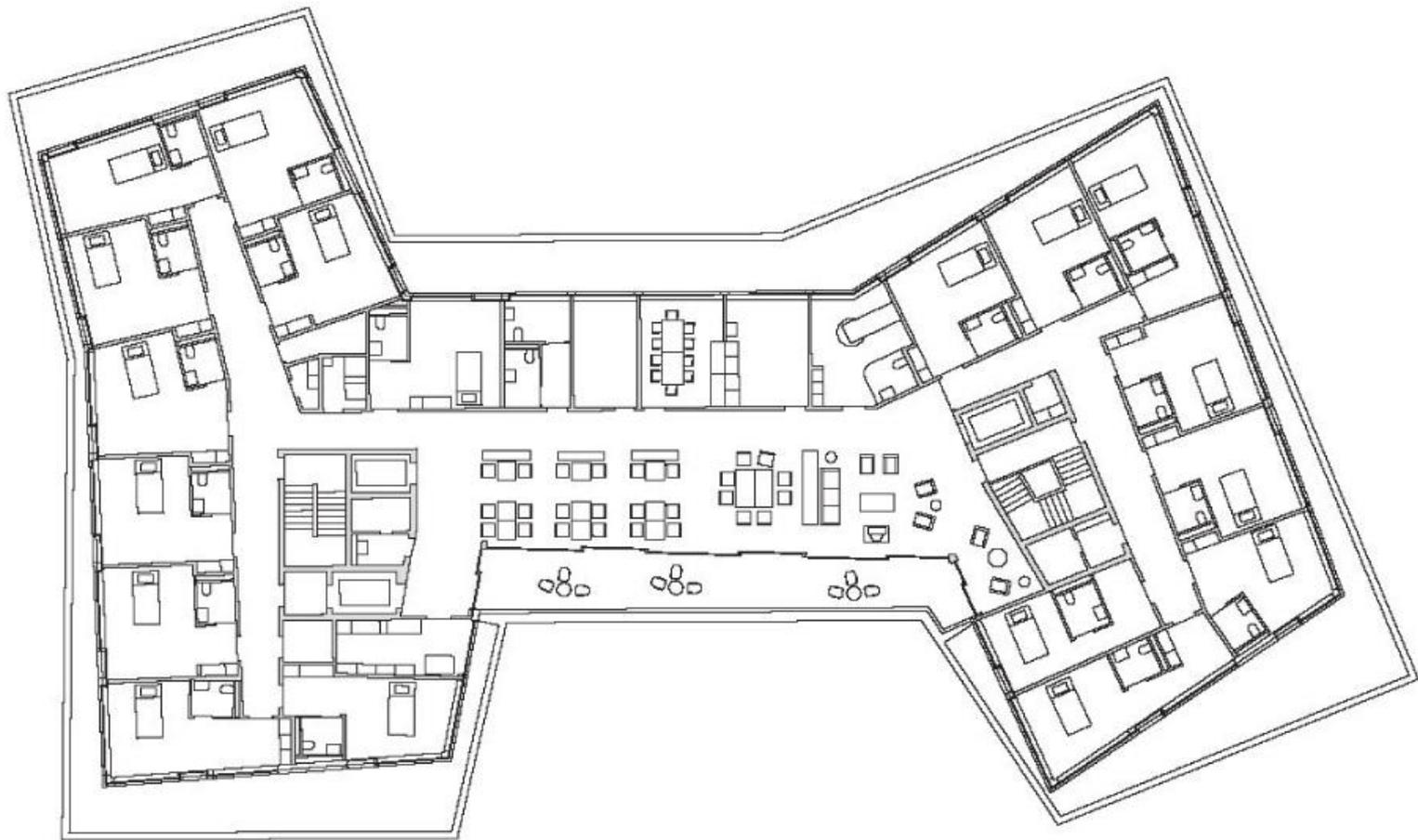
access to nature
circular path within the unit



access to nature
circular path within the unit

two-bedroom apartment





top floor

elder care

access to nature

realms to linger along circulation paths

social space at the center

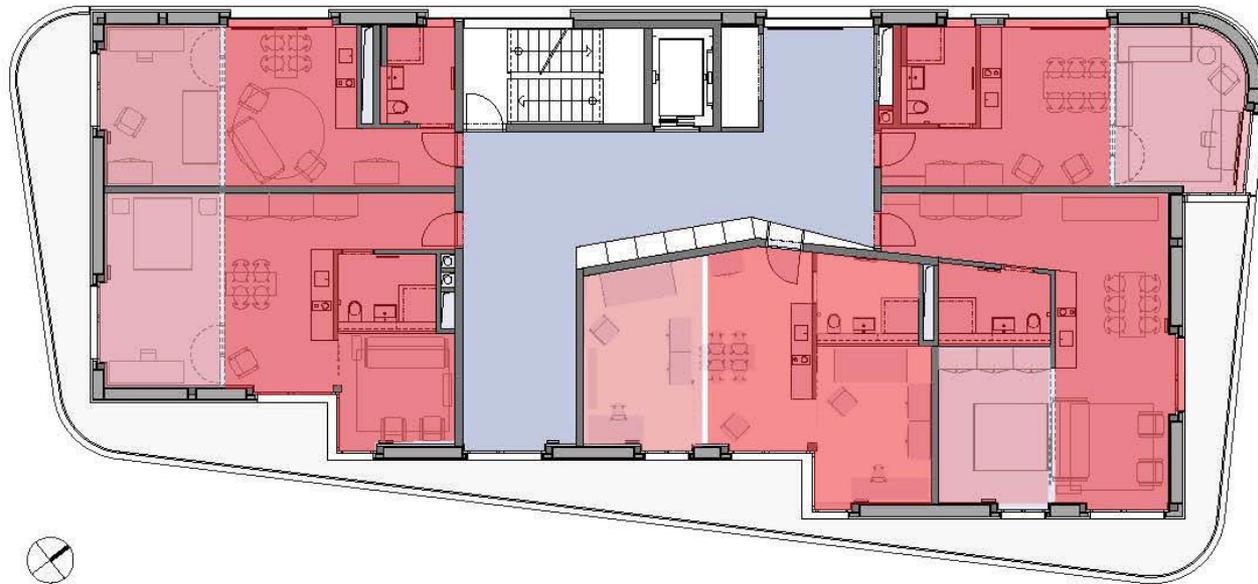
Community House 50
Winterthur, Switzerland
Haerle Hubacher Architects

_completed 2010
_16 loft-like units



Flexibility of Units

Each unit has a main area that holds the needed amenities for living. The unit can be expanded to include additional living space . This is an important feature to include as residents age and possibly need to restrict mobility.



Comunity House 50

**social spaces ‘at the center’
realms to linger along
circulation paths**

second floor
‘library’



ground floor

guest apartment and
community space with kitchen



Architectural Design Studio VII/VIII
**Creating Models for Sustainable
Inter-Generational Living**
Seattle, Washington



Pioneer Square Neighborhood

The Vertical Garden: Design for Physical Activity

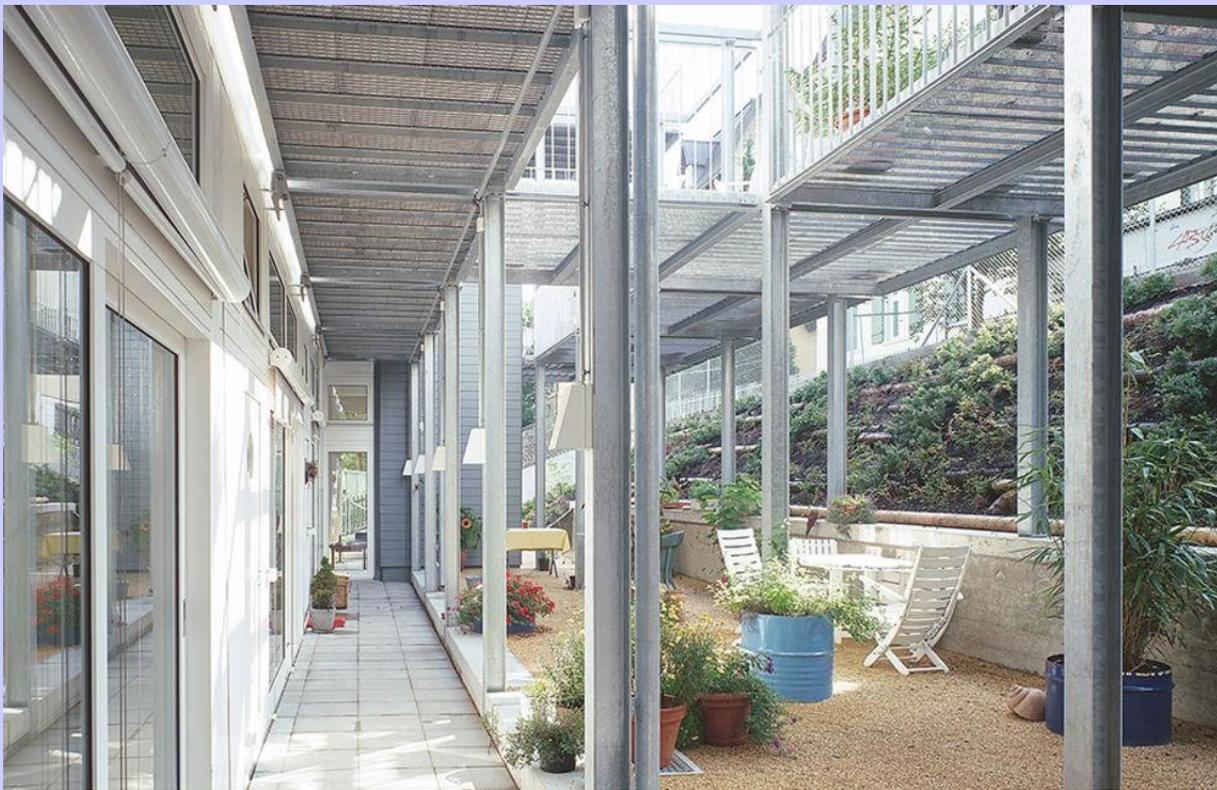
Adam Froelich



typical floor plan



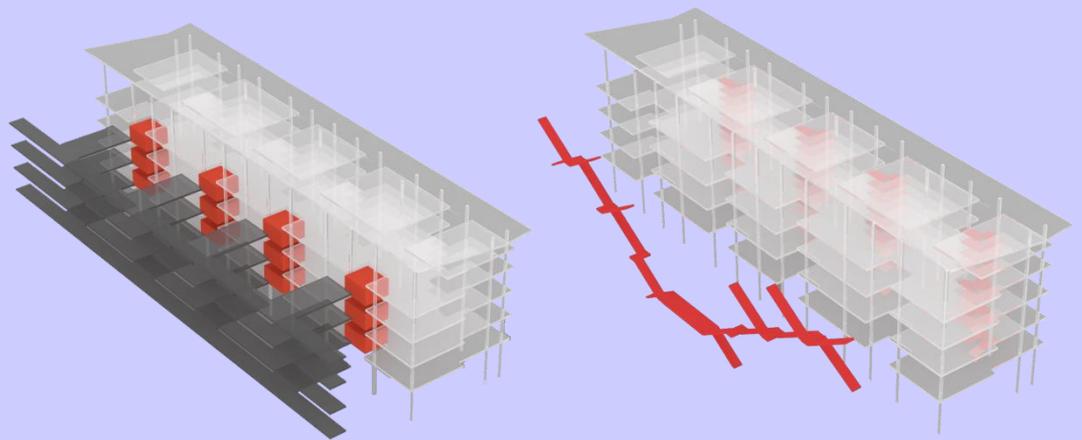
possibility of a live-in care taker





Urban Outdoors: A Vertical Park

Devin Murphy







THE FARMSTEAD

growing food, preparing a meal, and dining communally to improve the quality of life for people of all ages

Kirby Thomas





demonstration kitchen on the roof





HOME

ABOUT

PRECEDENT

RESEARCH FOCUS

CLASS WORK

STUDENT WORK



Thank You !

<http://regenerationstudio.weebly.com>

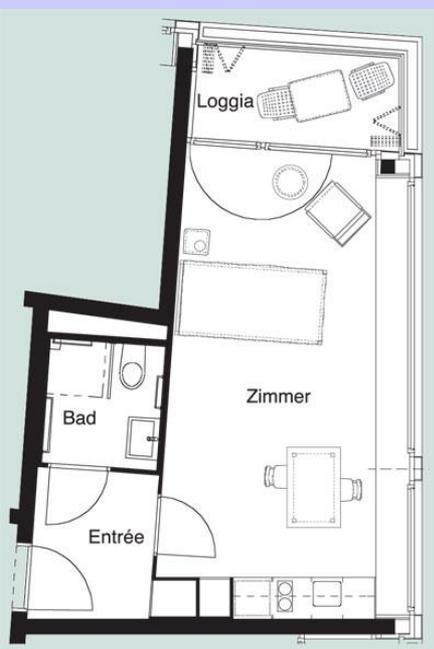
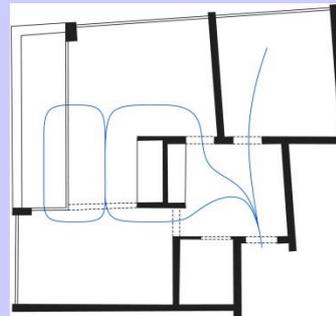
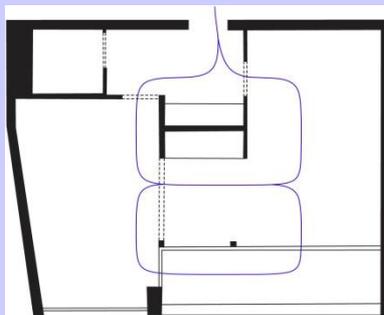




Thank You !

<http://regenerationstudio.weebly.com>

**circular path within the unit
access to nature**



studio apartment



one bedroom apartment



two bedroom apartment





Two Bedroom Options

- Single person/couple with study
- Single person/couple with one child
- Elderly person with live-in-caretaker



Three Bedroom Options

- Single person/couple with study and child
- Single person/couple with two children
- Couple with one child and elderly person



Four Bedroom Options

- Single person/couple with study and two children
- Couple with three children
- Couple with two children and elderly person



community at various scales: cluster living

- _6 private mini suites with small kitchens and small bathrooms
- _spacious shared spaces for living, dining, cooking

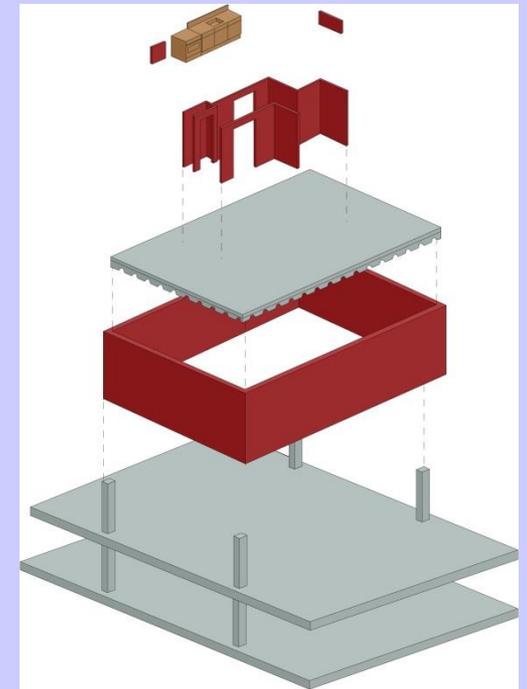
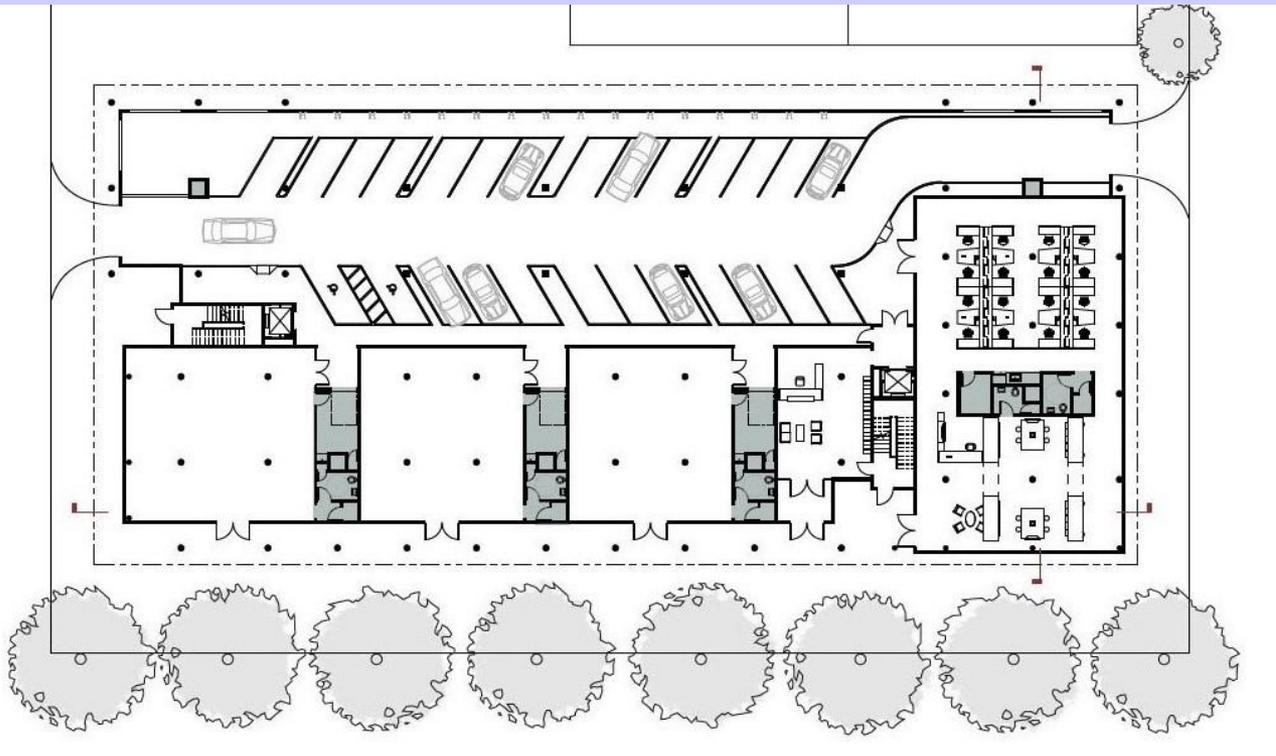
social spaces 'at the center'

- _exterior terraces and stairs benefit all units
 - _courtyard and communal spaces on the ground floor
-

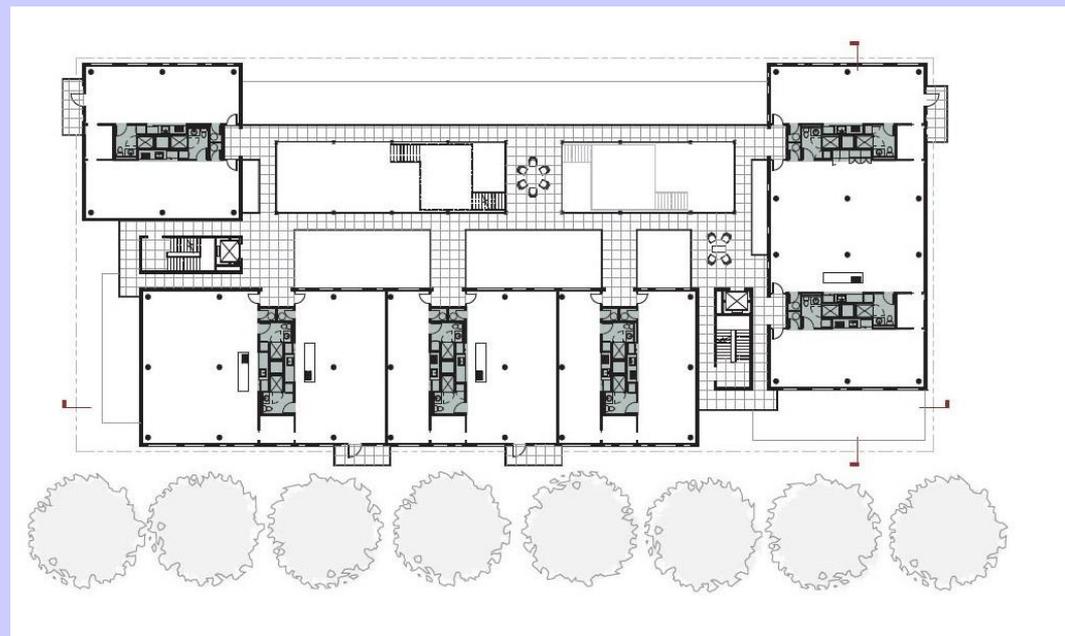


Choice & Independence: Open Building Architecture

Ian Kilpatrick



ground floor plan



typical floor plan

