

Program

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IDSN 3102- Fall 2019 Studio

Portfolio 1



The Impact of Aging on the Eye

As we age we experience:

- Yellowing and browning of the eyes due to UV exposure/debris
- Pigment splotches and floaters
- Conjunctiva thinning
- Blue hue due to transparency of the Sclera

Design Goals:

- Making a functional living area for those who are experiencing vision loss due to aging through adequate furniture, wayfinding, clutter-free spaces and level surfaces.

Common Diseases and Conditions:

Age-related macular degeneration (AMD)

Central vision is slowly destroyed. AMD affects the ability to complete everyday tasks.



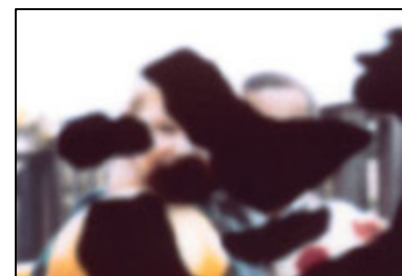
Cataracts

Lens becomes cloudy and blurry and colors become faded.



Diabetic Eye Disease

Often times leads to blindness. Diabetes damages tiny blood vessels inside Retina, causing splotchy vision loss.



Glaucoma

Damage to the Optic Nerve and leads to vision loss and blindness. Peripheral vision is affected.



Stakeholder Profile

Client:

- Developer



Special Features:

- 1,200 SF
- 1 Master, 1 Guest, 2 bath (Master attached, guest separate)
- Step-In Showers/tubs
- Balcony or Patio Options
- Full size kitchen
- Living room
- Laundry room/pantry
- Traditional and Minimalist Décor



Owner:

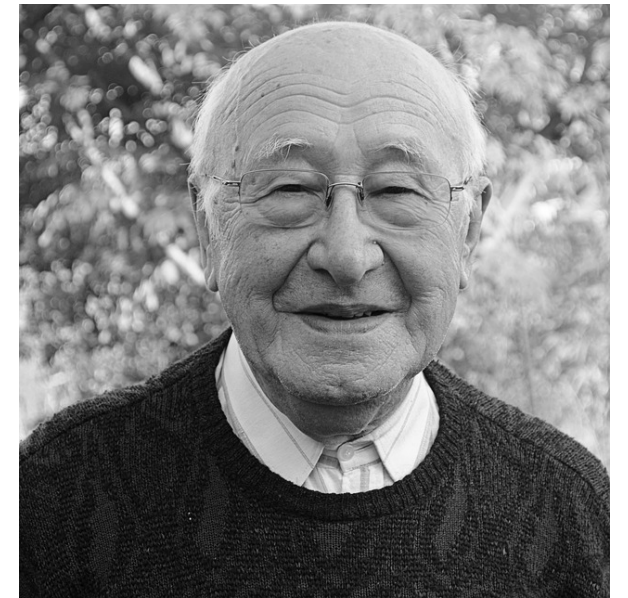
- Developer until occupants buy each unit

Amenities:

- Pool/Grill
- Fitness center
- Salon
- Game room/arts & crafts center
- Maintenance
- Library/computer room
- House-keeping
- Assigned parking

User:

- Senior Citizens
- Ages 55+

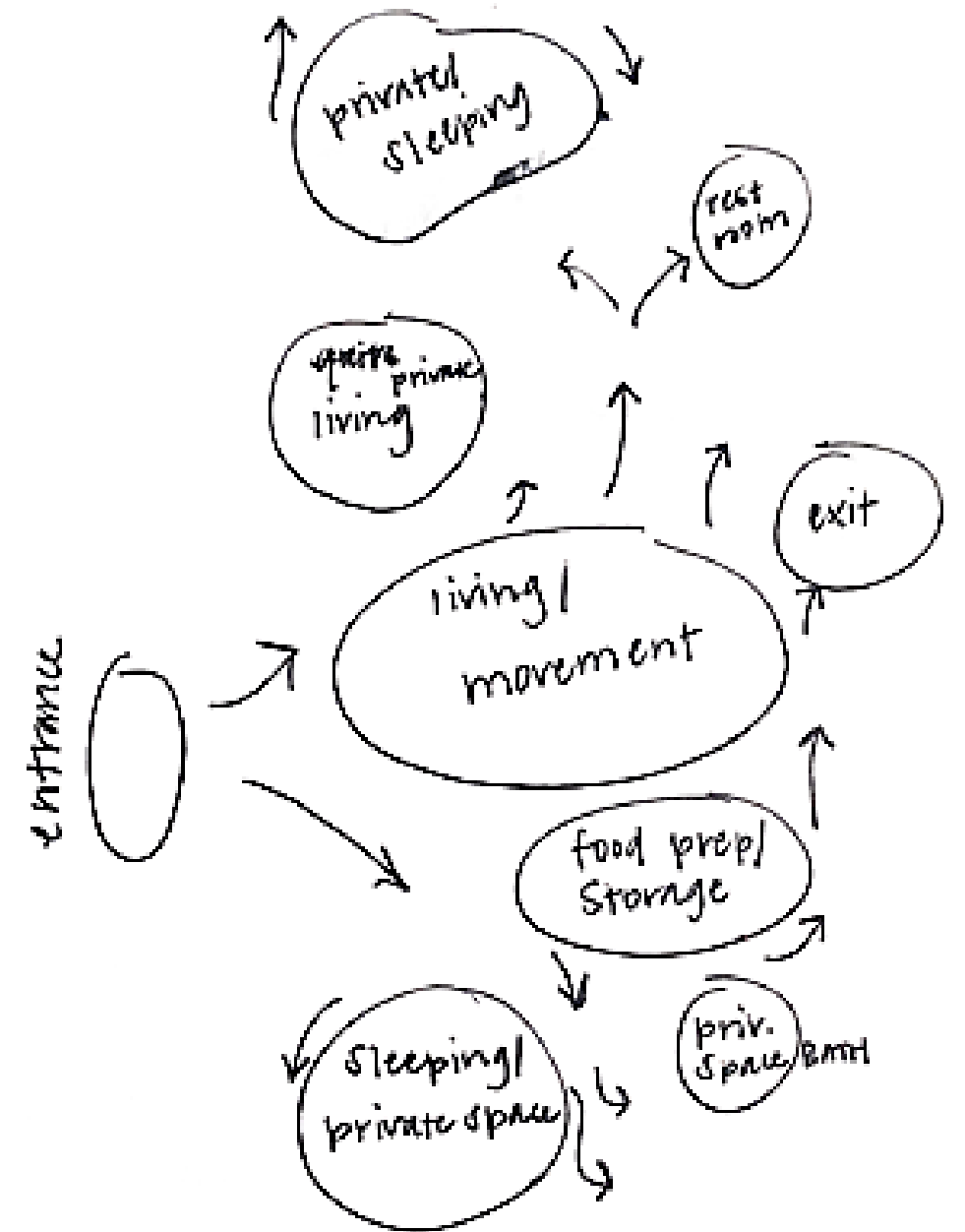




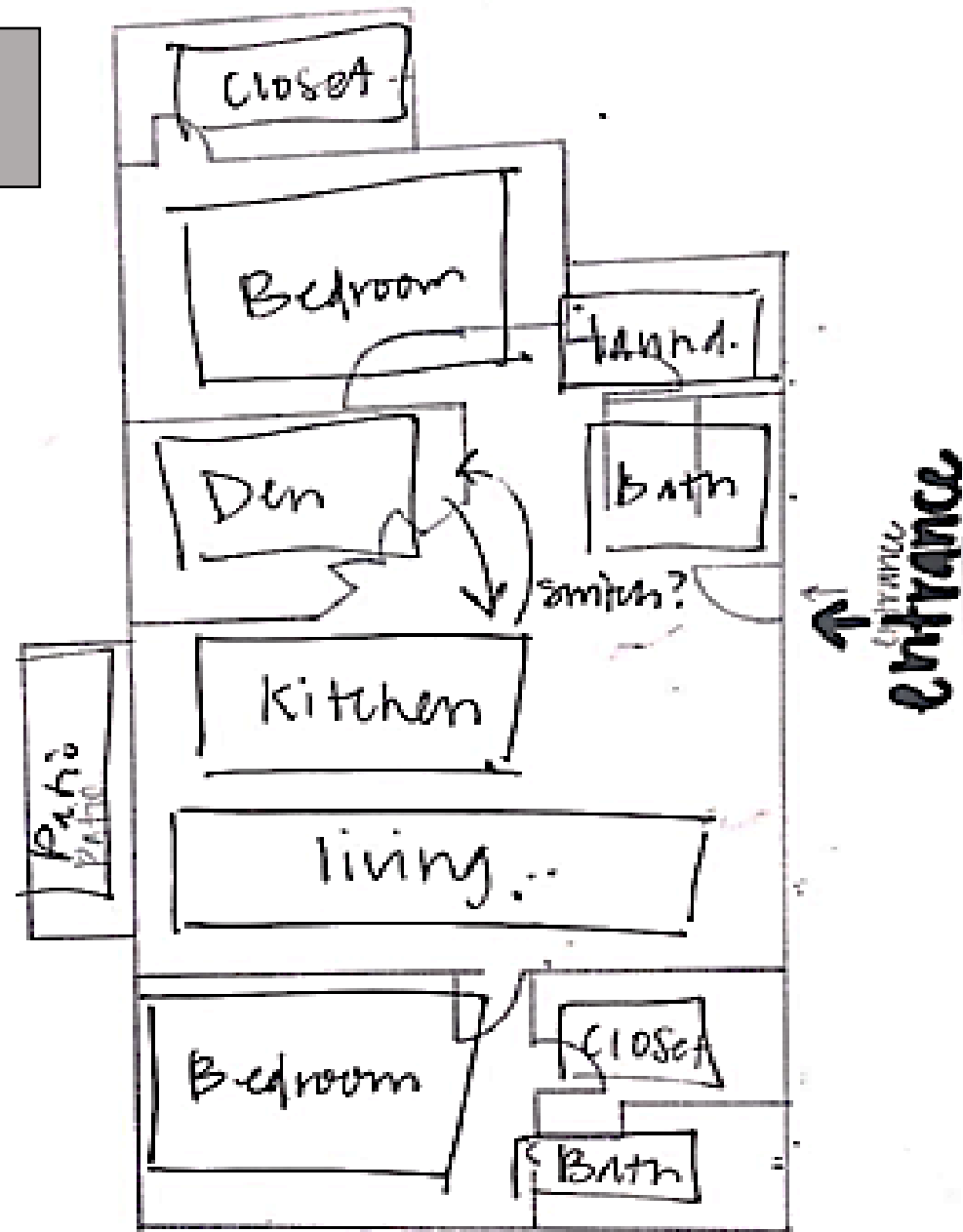
Space Standards

- Total SF
 - 1,140
- Two Bedroom Layout
 - One master, 12'4" x 17' (204' 4" SF), one guest, 12'6" x 17' (204' 4" SF), located on opposite ends of the floorplan to maintain privacy between guests
- Two Full Baths
 - Master located inside of master bedroom; guest restroom located adjacent from guest bedroom for public accessibility
- Main entry opens into large open space consisting of living area and kitchen 17' x 17' (289' SF)
- Separate den 10' 4" x 13' (130' 4" SF) located off-center to the living area to create privacy/noise barrier for guest in the guest bedroom
 - Can be closed off if used for craft room, exercise room, office, smaller guest room etc.

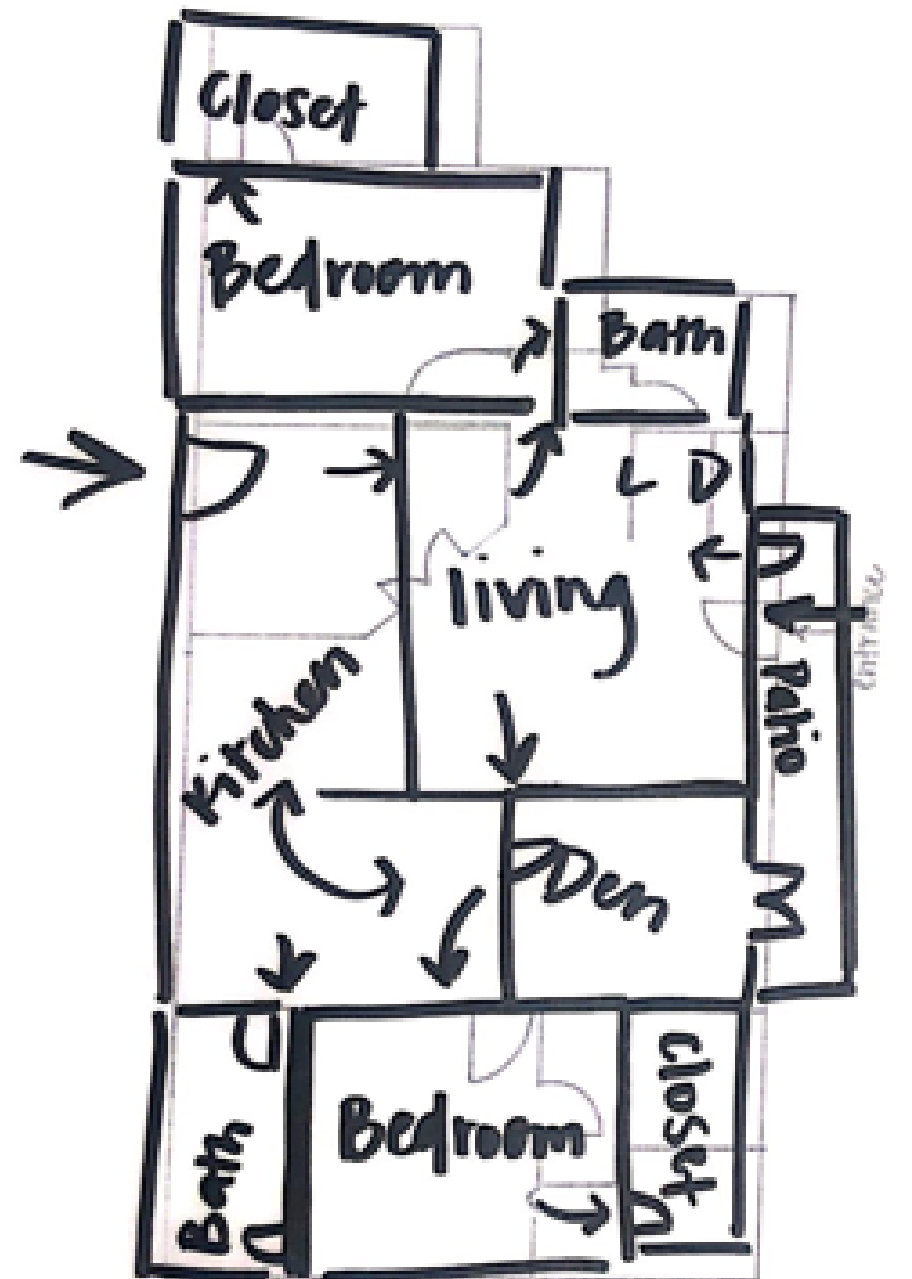
Bubble Diagrams



Block Diagrams



enter



Concept & Inspiration

- Functional and elder-friendly design emphasizes minimalism, simplicity, and modernism to its users.
- Congenial, pleasant atmosphere
- Muted, yet welcoming color scheme

