Designing for an Aging Population

Researching a Design Solution for The Pinemont Assisted Living Facility

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The Aging Population

Aging starts at birth and continues throughout life. As people age, they need to continue to live a happy life. A designer’s job is to design a facility that will encourage an independent lifestyle while providing the help and community involvement aging requires. The design solution should meet the aging population’s desire to age in place. An assisted living facility allows older adults to live independently while being surrounded by a support group and events that promote an active lifestyle which is conducive to physical and mental wellbeing.

The Forum - Houston, Texas
Toured Similar Facility

- Assisted Living Facility
- Traditional Furniture
- Elegant Style
- Accessible Design
- Active Living Features
  - Library
  - Salon
  - Chapel
  - Wellness Center
  - Day Activity / Sunroom

Research

Changes Accompany Aging

Researched Behavior of Older People

- Reduction of strength and stamina
- Yellowing in the lens of eye
  - Colors are not seen the same
- Tactile senses decrease
  - Less sensitivity
- Motor and cognitive skills decline
  - Greater need for accessibility
  - Easily confused and can get lost
- Distinguishing sounds becomes harder
  - Higher pitches are harder to hear

Wayfinding

Use Landmarks
Simple Signage
Views of Outside
Higher light levels at destinations
Color coding with finishes

Preferences

- Bold Blues
- Smooth Textures
- Traditional Furniture

Findings

Design Needs for an Older Population

Accessibility

Comply with ADA
Make space adaptable

Result of Findings

the Pinemont Assisted Living Facility
Outdoor Garden
Sunroom for multiple activities
Library
Dining Room

Normal Vision

Yellowed Lens

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