

Portfolio 1

Cassidy Grace



Stake Holder Profile



Owner and Client:

The developer is both the owner and the client.

Users:

The tenants of the condo will be the user. This includes senior citizens, with or without disabilities. The goal of this apartment complex is to be an age in place condo.

Universal Design Research



- **Universal Design is referred to as the human-centered approach to design.**
 - User friendly and convenient while also respectful to the users dignity, rights and privacy.
- **Universal design builds physical environments that are usable to a wide range of people, regardless of age, size or disability status.**
- **As life expectancy rises and modern medicine increases the survival rate of those with significant injuries, illnesses, and birth defects, there is a growing interest in universal design.**

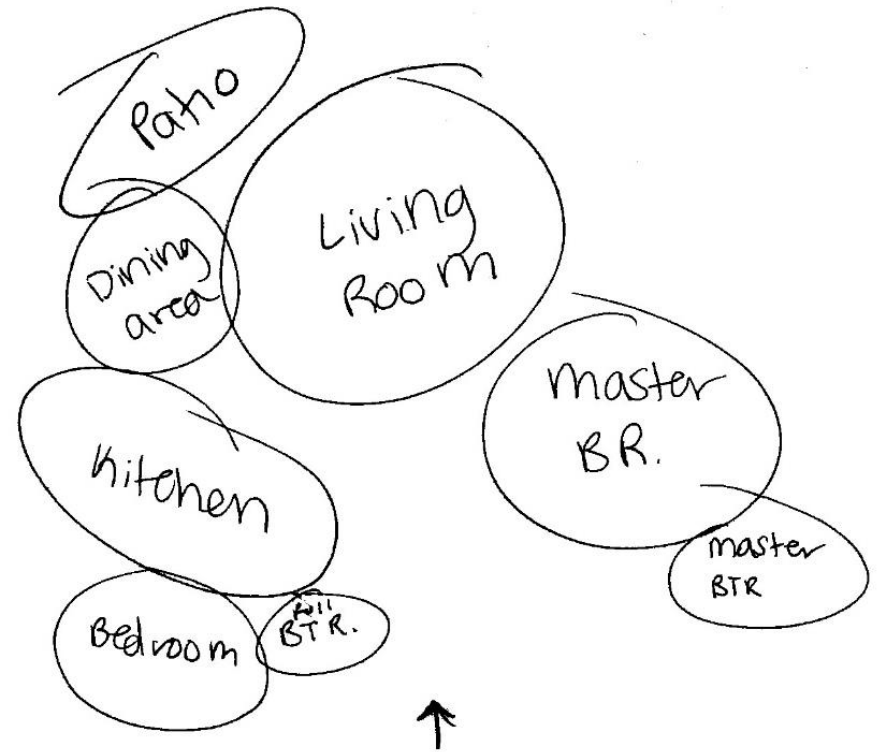
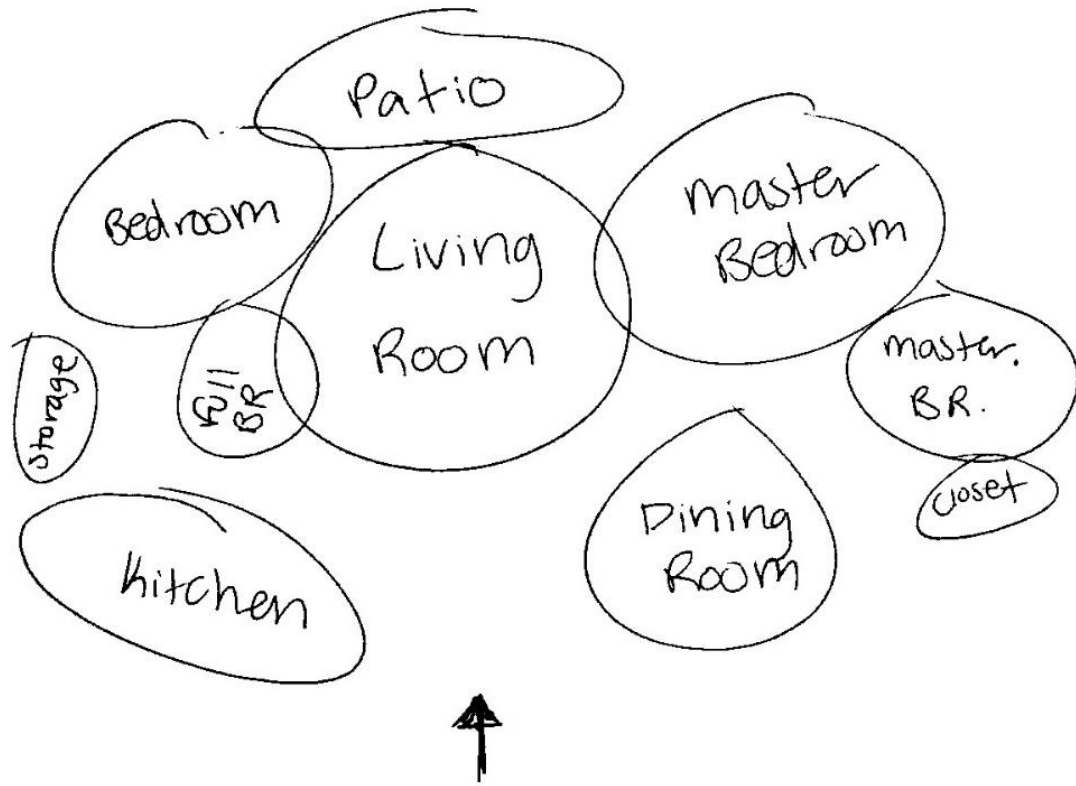
• The 7 Principles to Universal Design:

- Principle 1: Equitable Use
 - The design is useful and marketable to people with diverse abilities.
- Principle 2: Flexibility in Use
 - The design accommodates a wide range of individual preferences and abilities.
- Principle 3: Simple and Intuitive Use
 - Use of the design is easy to understand, regardless of the user's experience, knowledge, language skills, or current concentration level.
- Principle 4: Perceptible Information
 - The design communicates necessary information effectively to the user, regardless of ambient conditions or the user's sensory abilities.
- Principle 5: Tolerance for Error
 - The design minimizes hazards and the adverse consequences of accidental or unintended actions
- Principle 6: Low Physical Effort
 - The design can be used efficiently and comfortably and with a minimum of fatigue.
- Principle 7: Size and Space for Approach and Use
 - Appropriate size and space is provided for approach, reach, manipulation, and use regardless of user's body size, posture, or mobility.

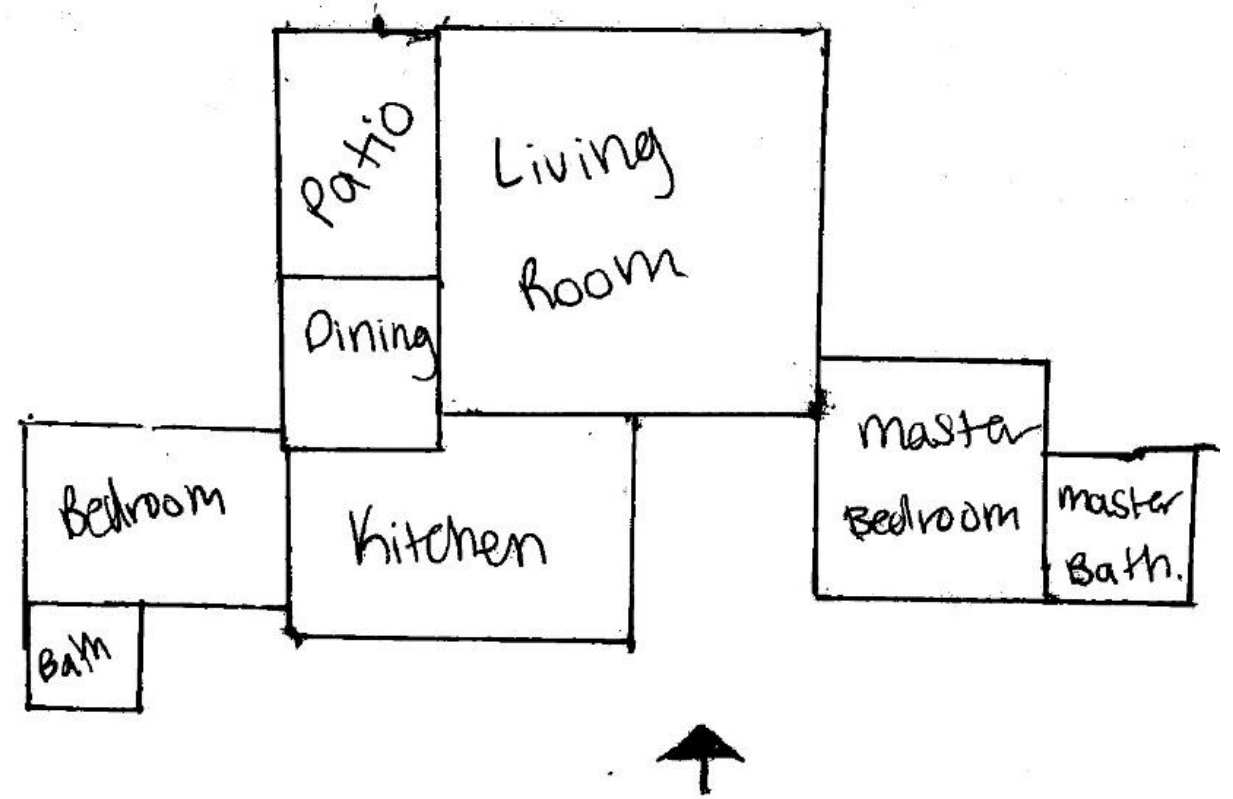
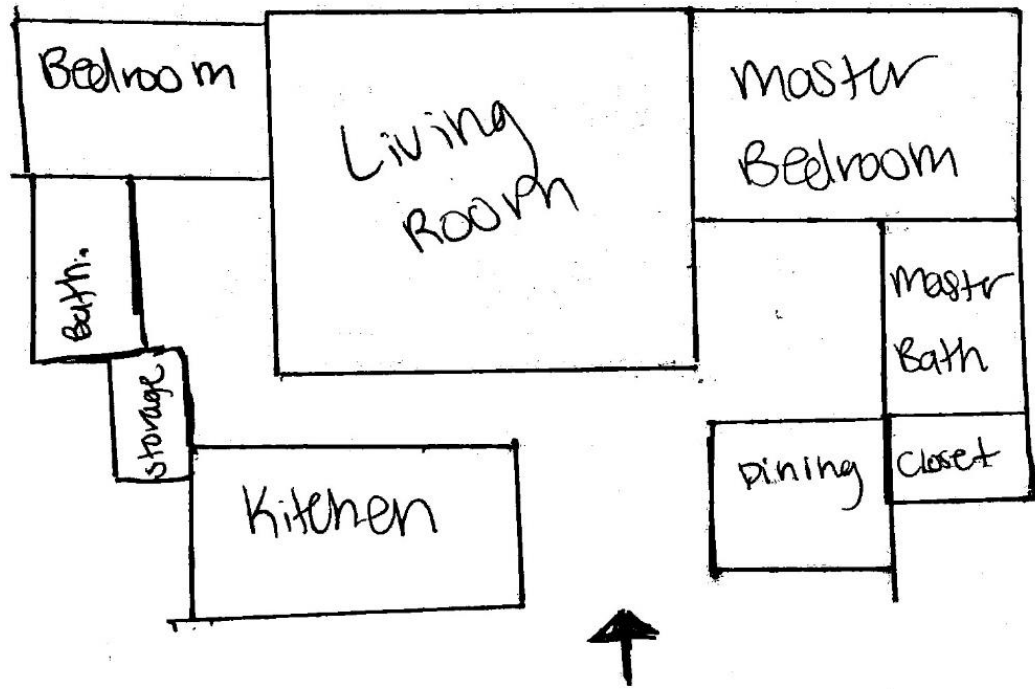


Universal Design Research

Bubble Diagrams



Block Diagrams



Space Standards

- Kitchen: 220
- Master Bedroom: 300
- Bedroom: 200
- Master Bathroom: 120
- Bathroom: 100
- Living Room: 330
- Dining Room: 132
- Porch: 130
- Utilities: 30
- Total: ~1562 Sq Ft.



Bright and Airy:

- With old age it is important to not feel cooped up and trapped in what is supposed to be a comfort space.
- Lots of large windows surrounding the space opening up the area.

