

PORTFOLIO 1 | RESEARCH AND PROGRAM

IDSN 4500 UNIVERSAL DESIGN | SEMESTER 1

BY: DANIELLE NETTER

Universal Design and Inclusive Design

RESEARCH

What is Universal Design?

- Universal design, also known as inclusive design, is producing a product or space that accommodates everyone.
- Universal and inclusive design acknowledges the fact that everyone will have set backs at some point in their life, whether it be a temporary illness, injury, or old age.
- **EXAMPLES:** Ramps instead of ramps and stairs, wall in showers versus step in, under cabinet's clearance, ect.



PROGRAM

WHO IS MY CLIENT?

- The Developer trying to build a universally designed space

TARGET BUYERS:

- 55 and Over looking to settle in the Greenville area
- Retirees looking for a nice place that is still homey but has better healthcare and accessibility Requirements.
- Retirees that made minimum wage will be able to afford these apartments.
- Retirees that are looking for a completely universally designed retirement home



SPACES WITHIN THE CONDO:

2 Bedroom/ 2 Bath

- Bedroom 1- 230 square feet
- Walk in Closet- 60 square feet
- Bedroom 2- 235 square feet
- Closet- 50 square feet
- Bathroom 1- 110 square feet
- Bathroom 2- 110 square feet
- Living room- 220 square feet
- Kitchen/Dining Room- 300 square feet
- Utilities Room- 70 square feet
- Bonus room- 160 square feet
- Patio - 160 square feet
- Foyer- 65 square feet

Total: 1,770 sq. ft.

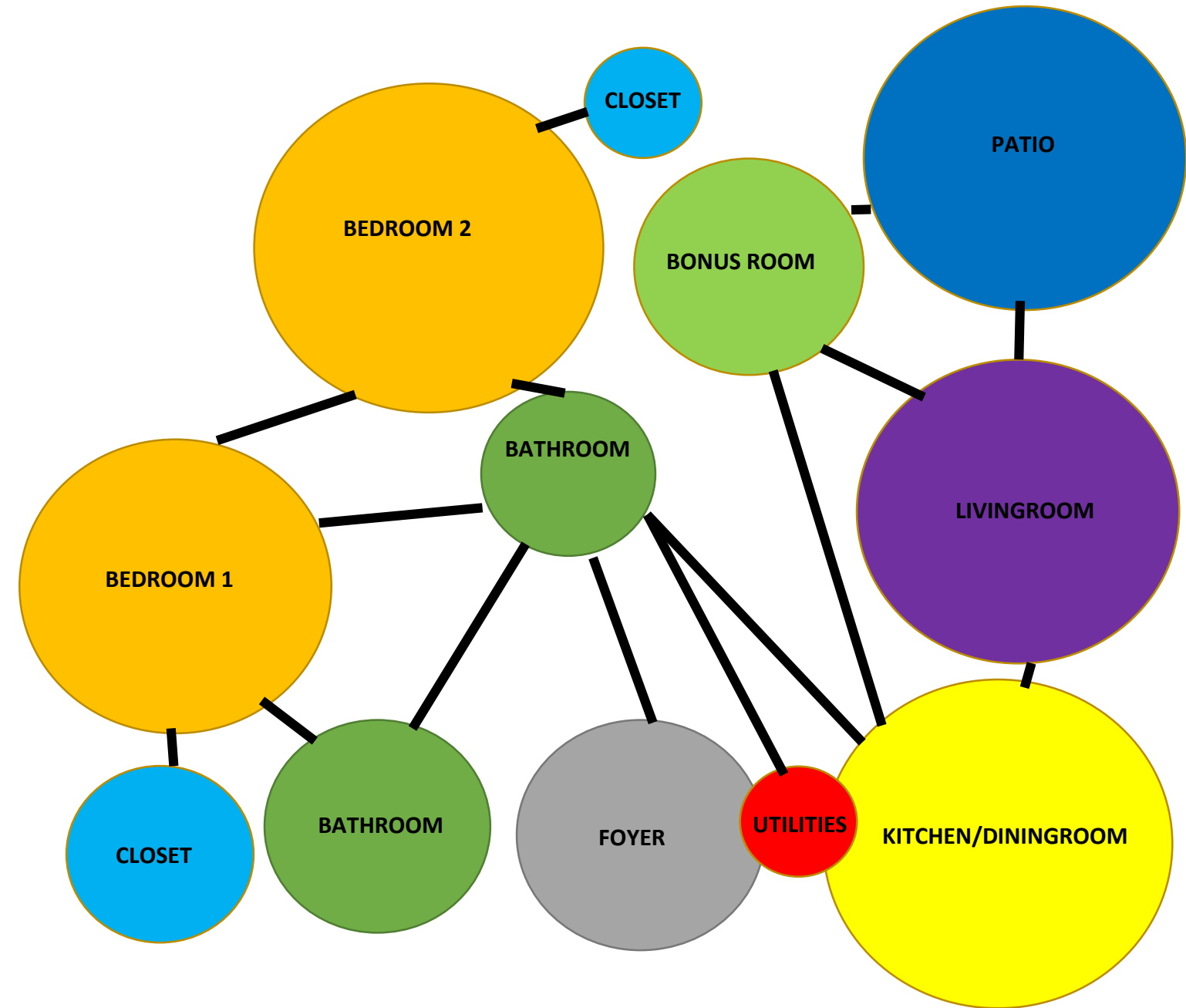
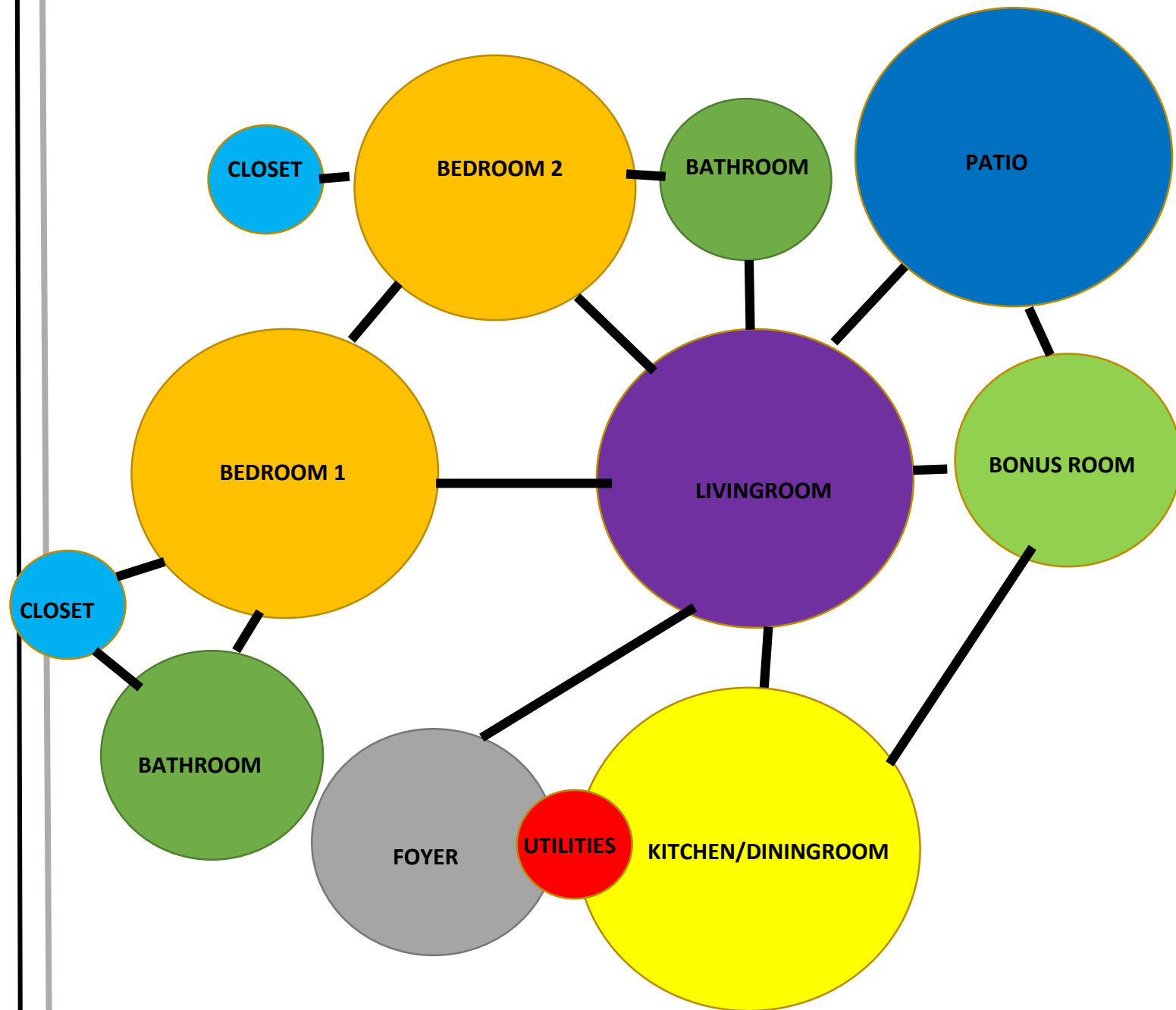
REASONING BEHIND MY SPACES:

- When referencing my space dimensions I used a retirement home from Virginia and one from Winston Salem. I noticed that the ones in Virginia were really nice and very spacious but also very costly. While in Winston Salem the spaces were quite cheap but they have very little space. When talking to the retiree in Winston-Salem she informed me that the biggest problem was the lack of space and amenities. She also informed me that although Winston-Salem has a lot to offer in the entertainment area she still has to be home majority of the time so she would prefer more space. So, when building my space I decided to allow for space so that my residence didn't feel so cooped up.
- Although the condos are fairly large it is much cheaper to build in Greenville than Virginia so the overall price will still be affordable.
- I decided to offer a 2 bedroom and 2 bathroom and 1 bedroom 1 and a half bath after taking further inventory. When visiting a retirement home I was able to look around and found out most of these people that moved into these homes very single or widowed.
- Also my retirement home will offer extra amenities that allow the retirees to enjoy their golden days, such as: Pools, Great rooms, Cafeteria, Chapel, Library, Lounge, Walking paths, Business Center, etc.

PROGRAM

BUBBLE DIAGRAMS

2 BEDROOM 2 BATH



PROGRAM

BLOCKING DIAGRAMS

2 BEDROOM 2 BATH



PROGRAM

INSPIRATION



SENIOR LIVING PROGRAMMING QUESTIONNAIRE

1 Who is your client?

-The Building Developer

2 Who will be the tenant?

-My Grandmother Linda Murphy will be the tenant

3 Size range of typical condo units (square feet)?

-1000-3000 square feet

4 Number of bedrooms/baths in typical condo units?

-1 ½ Bath

5 Are the bathrooms attached to the bedrooms, or are there shared baths?

-One is the other is shared

6 Preferred special features in condo units?

-Pool, Library, Dining hall

7 Number of master suites, and spaces in each master suite (wic, bath for two, etc), per each individual condo unit?

-One master suite, bedroom, closet, step in bath, one sink, walk in shower

8 Is the current preference for 'public' spaces (living/dining/kitchen/family room) to combine into a great room, or to be a suite of distinct rooms?

-The living room, dining room and family room with all be combined the kitchen is separate

9 Style of décor preferred in the senior living market?

-Mostly traditional with a modern layout

10 Other current trends?

-Lots of patio space, because some residences rarely leave their homes.

SENIOR LIVING PROGRAMMING QUESTIONNAIRE

1 Who is your client?

-The Building Developer

2 Who will be the tenant?

-My Grandmother Linda Murphy's friend Mrs. Jackie

3 Size range of typical condo units (square feet)?

-1000-3000 square feet

4 Number of bedrooms/baths in typical condo units?

-1 ½ Bath

5 Are the bathrooms attached to the bedrooms, or are there shared baths?

-One is the other is shared

6 Preferred special features in condo units?

-She really wants a Café

7 Number of master suites, and spaces in each master suite (wic, bath for two, etc), per each individual condo unit?

-One master suite, bedroom, closet, step in bath, one sink, walk in shower

8 Is the current preference for 'public' spaces (living/dining/kitchen/family room) to combine into a great room, or to be a suite of distinct rooms?

-Mrs. Jackie states that they're all public but she wishes they were combined to make it seem like there is more space

9 Style of décor preferred in the senior living market?

-Mostly traditional with a modern layout

10 Other current trends?

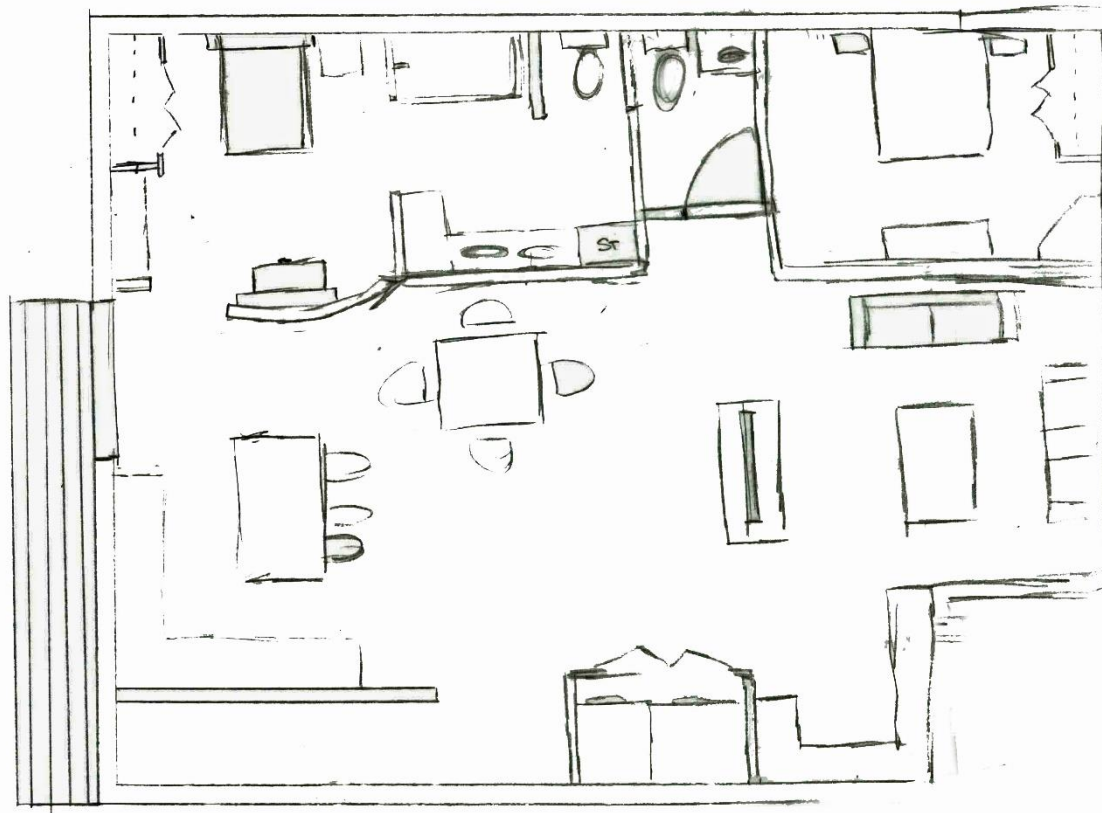
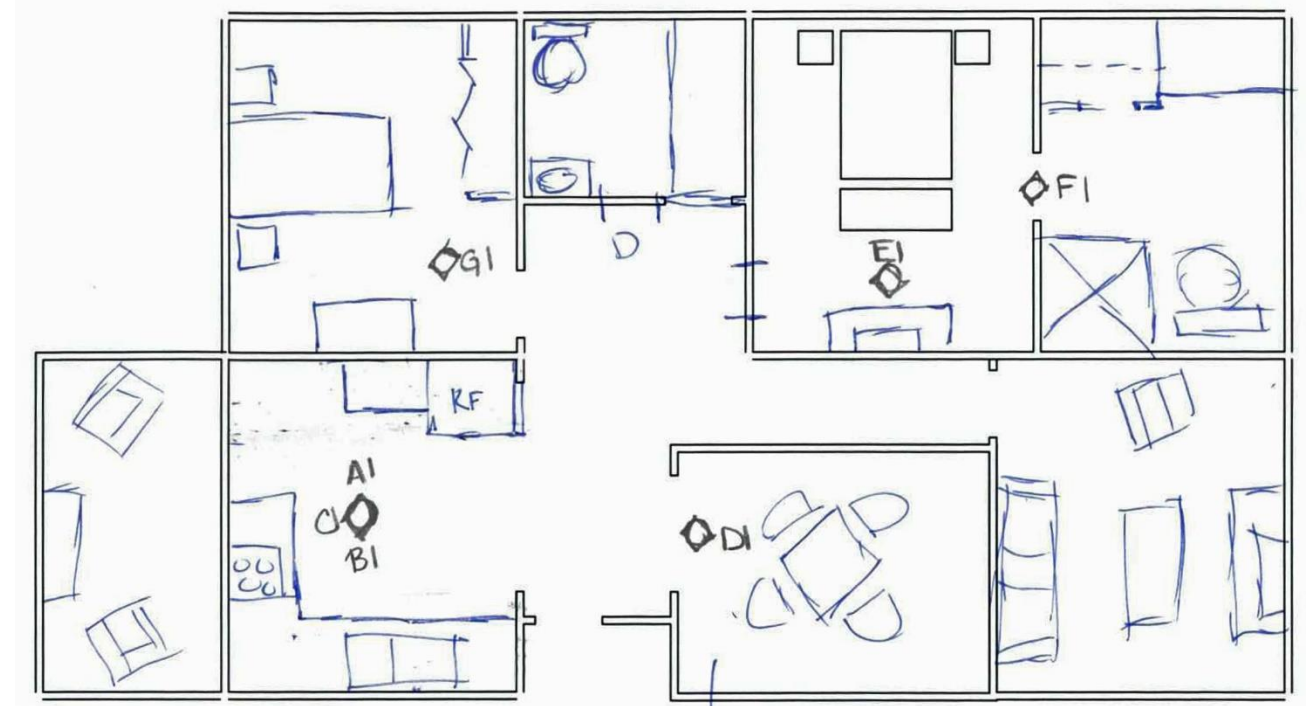
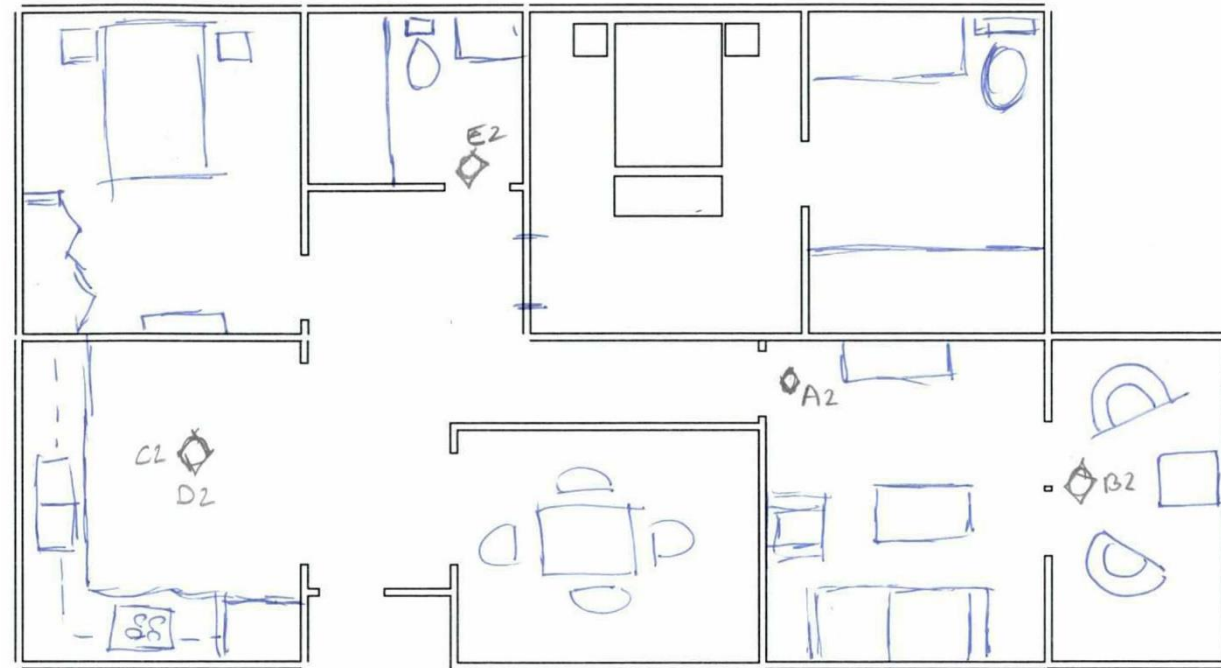
-Loves the patio space.

PORTFOLIO 2 | PRELIMINARY SCHEMATIC DESIGN

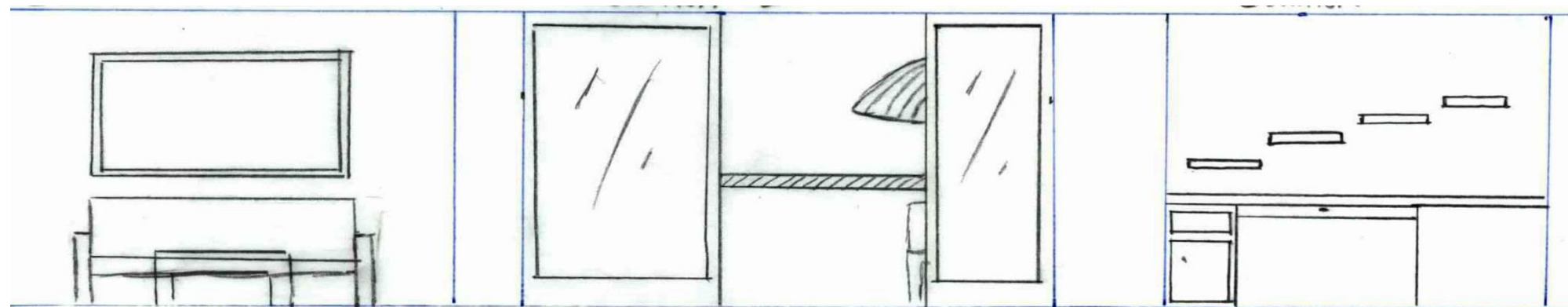
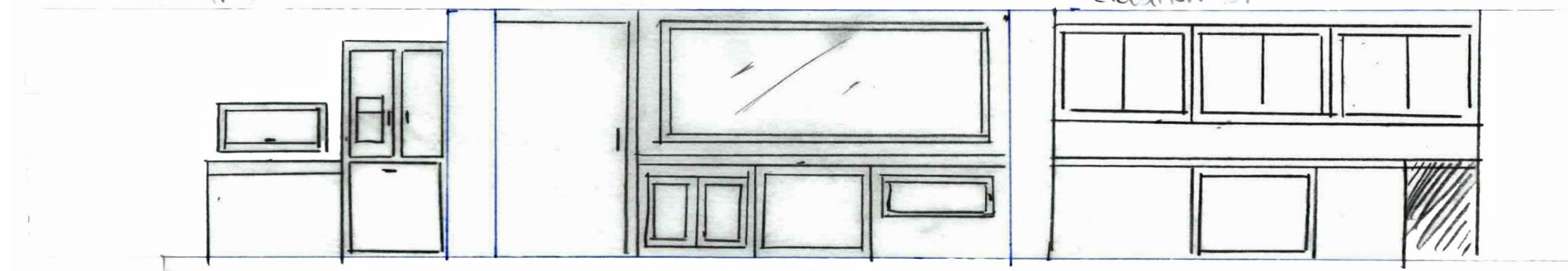
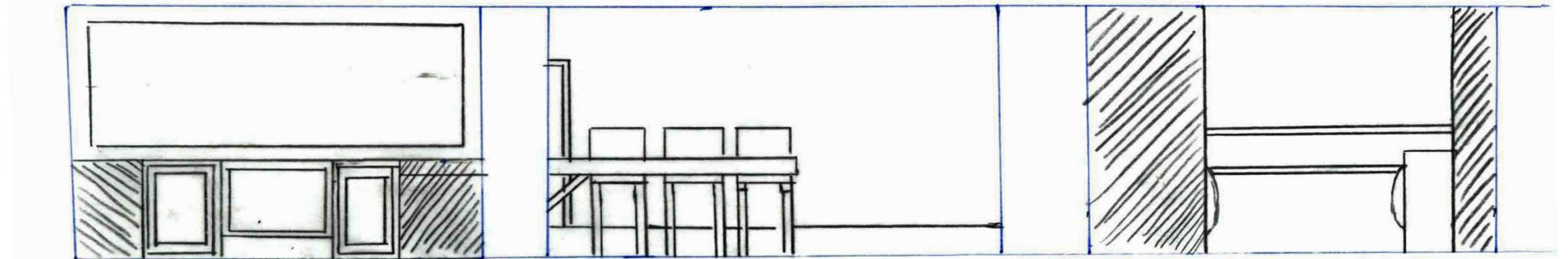
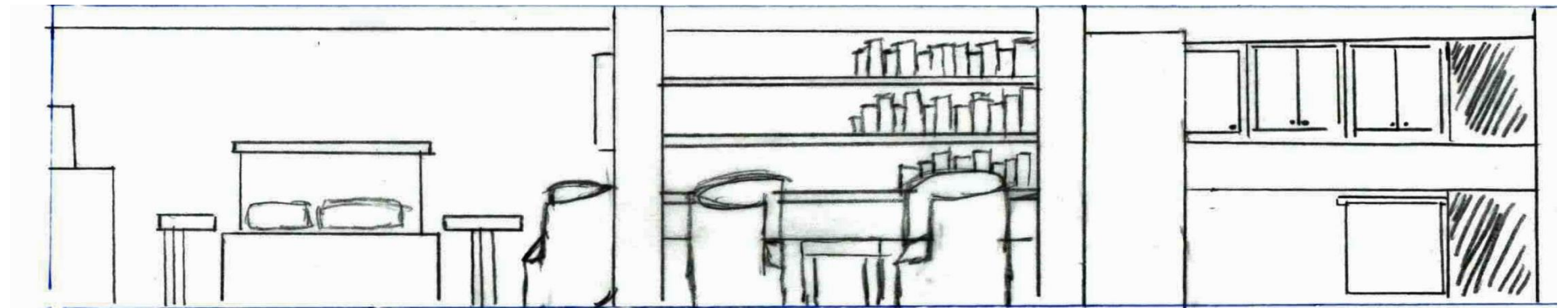
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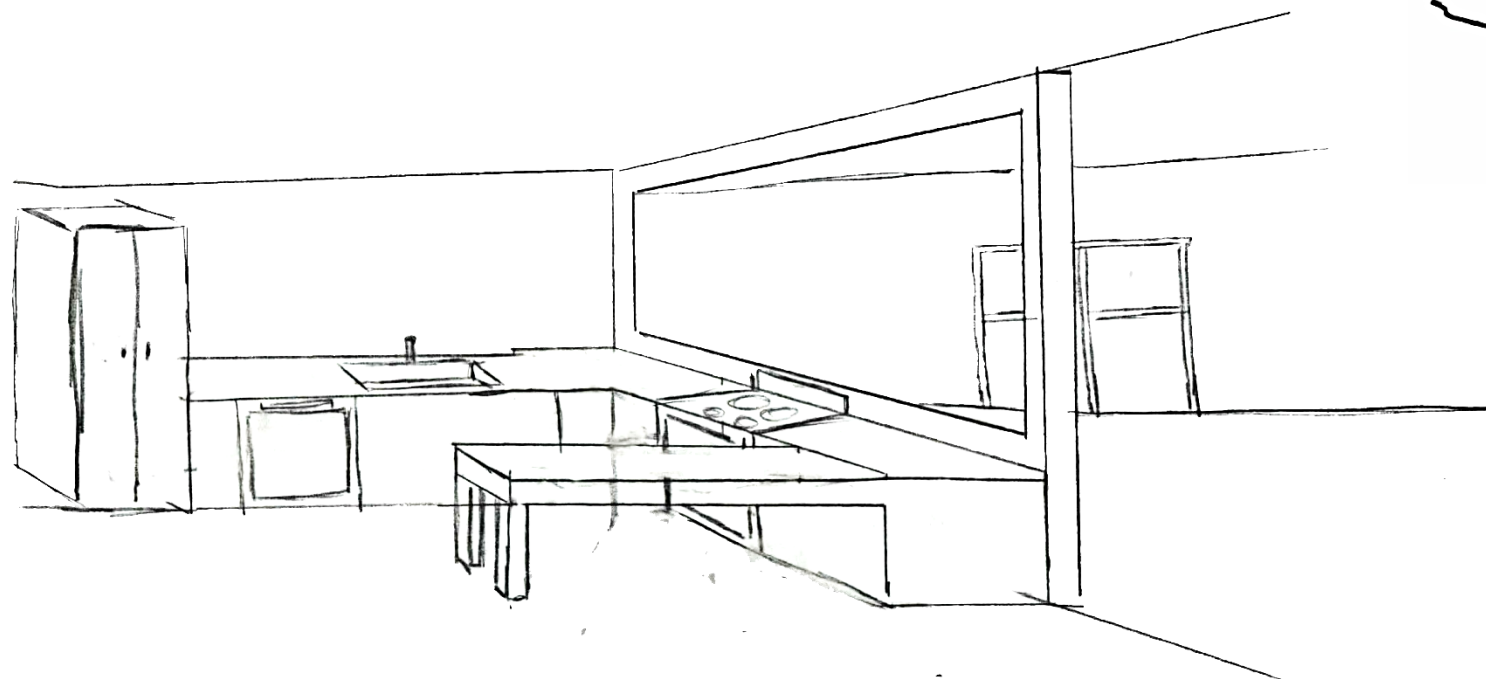
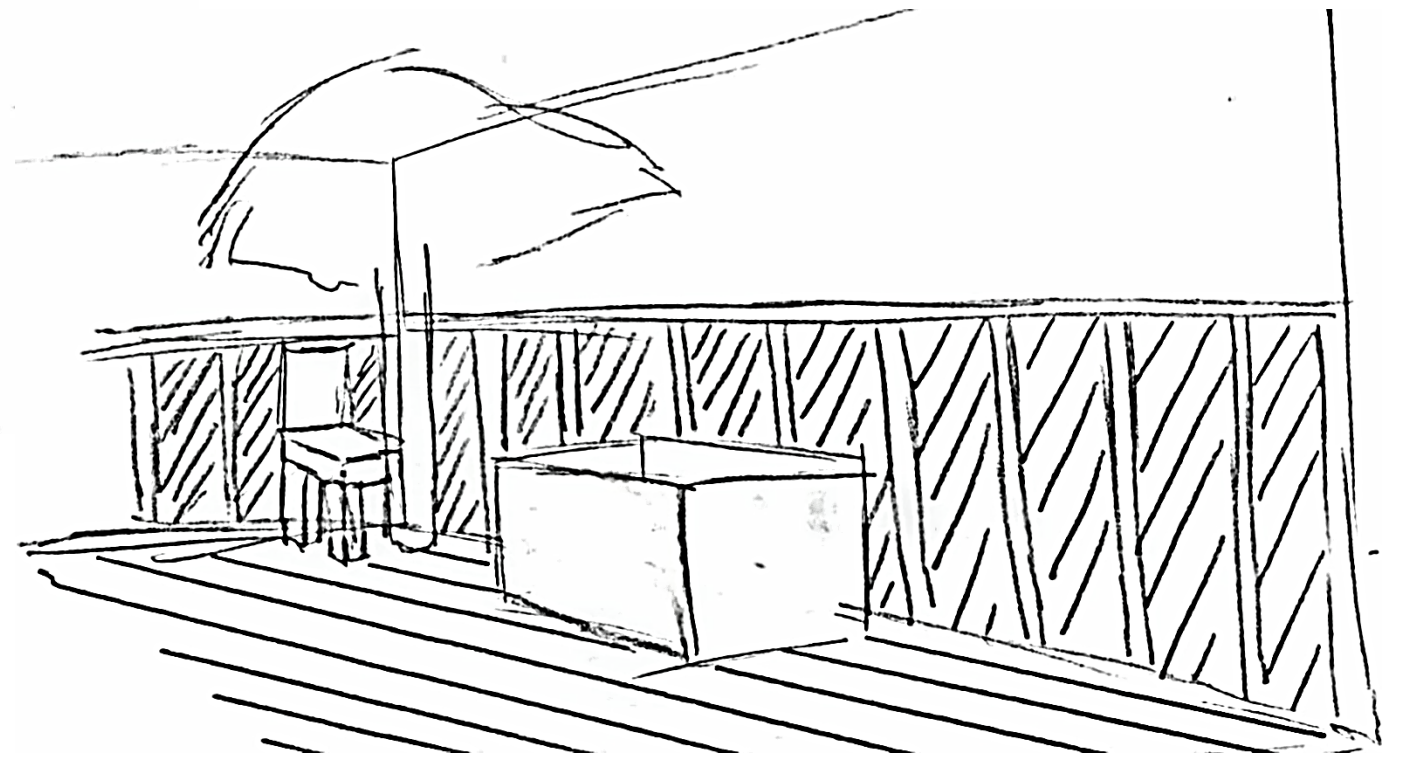
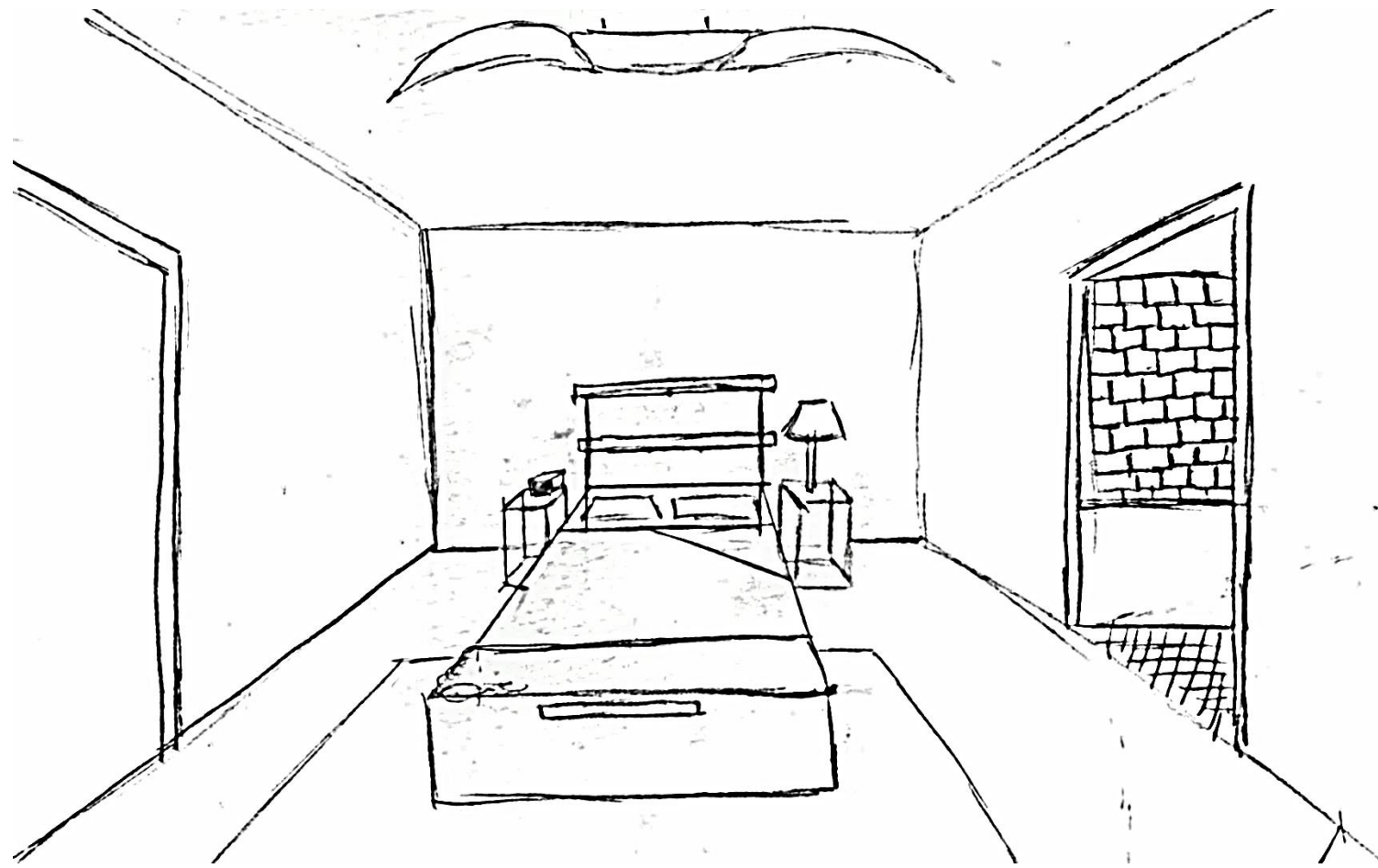
FLOOR PLAN SKETCHES



ELEVATIONS



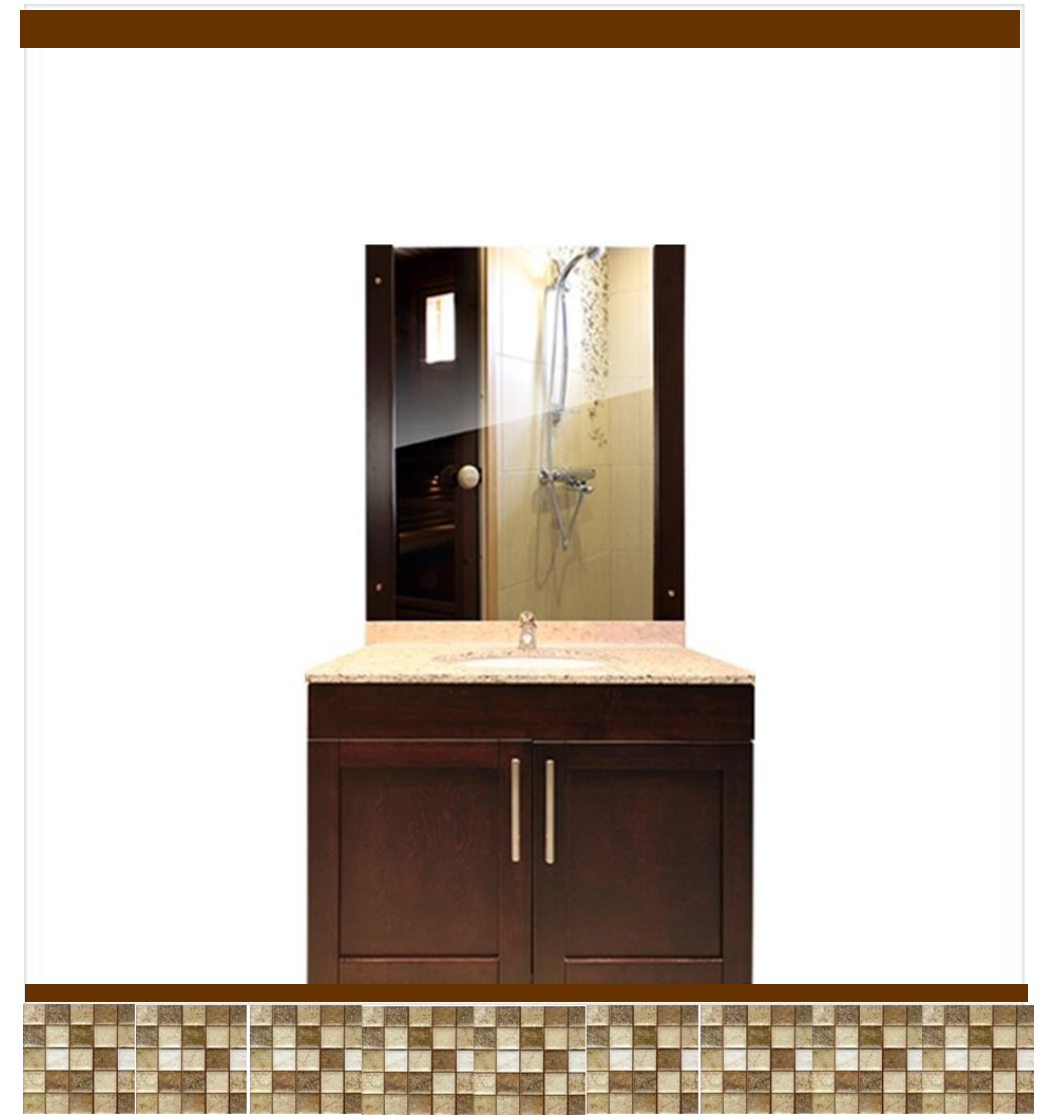
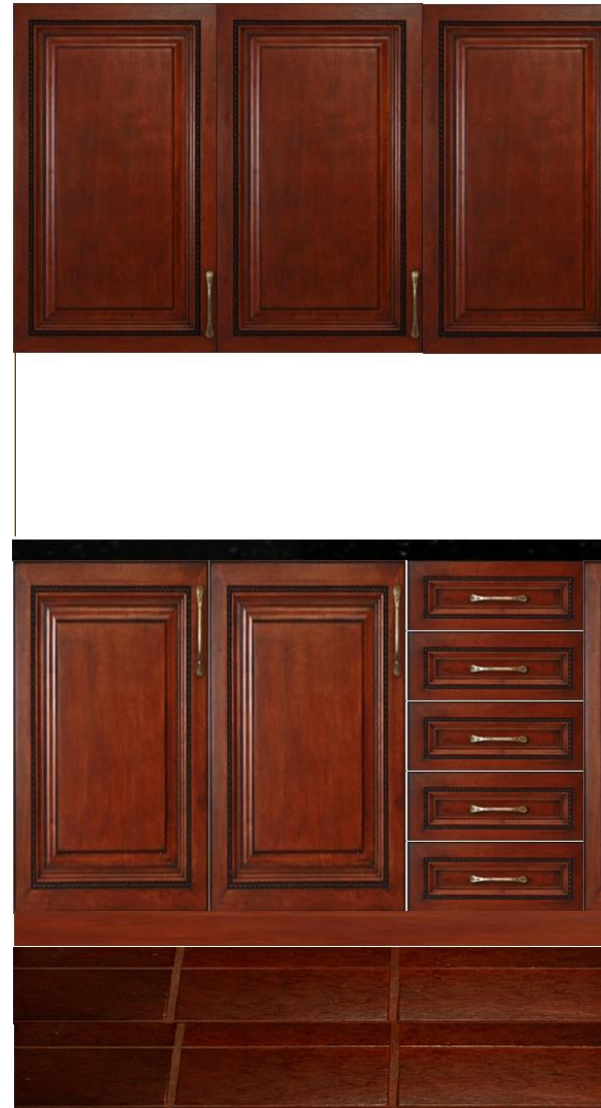
PERSPECTIVES



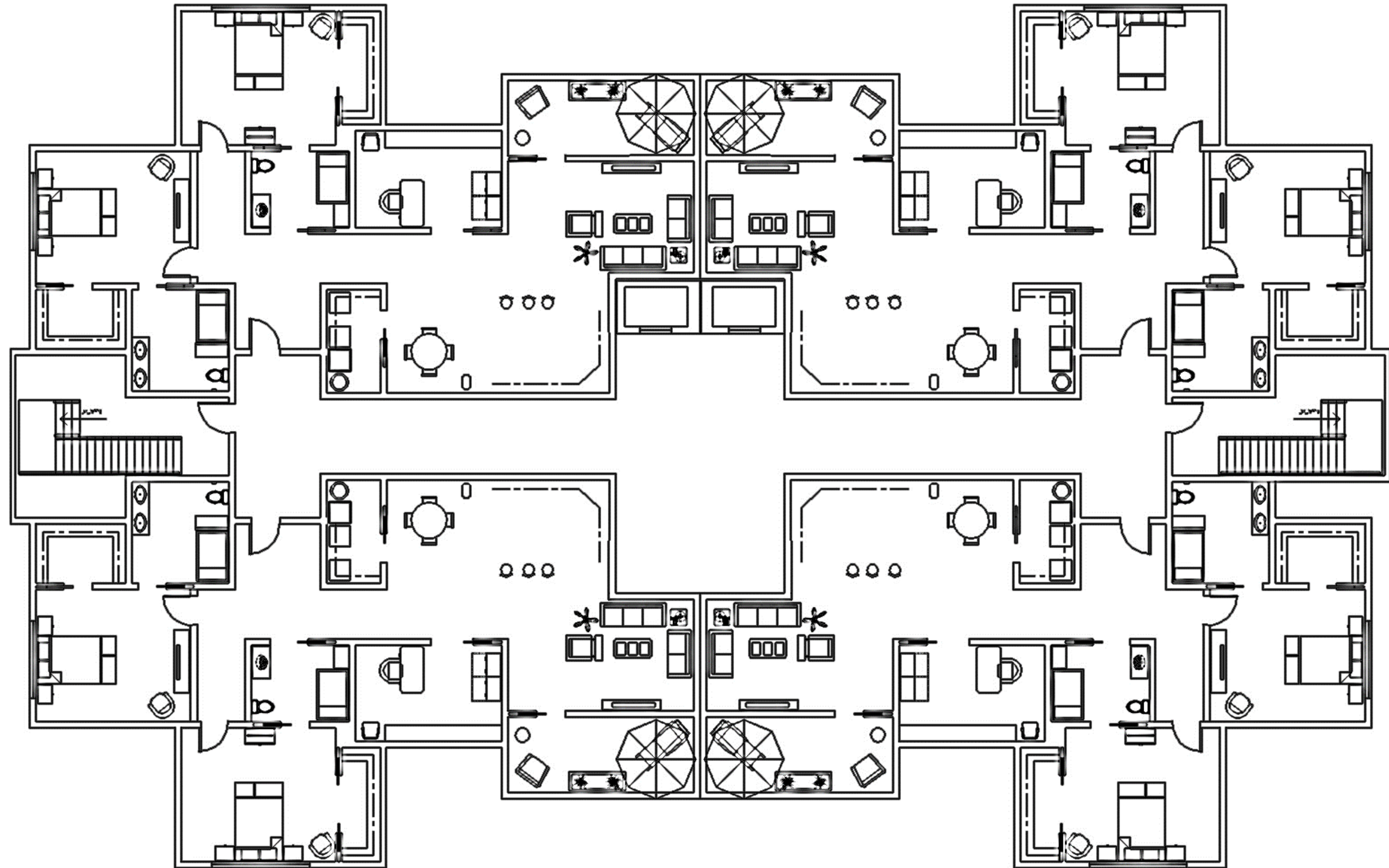
FINISHES



FINISHES



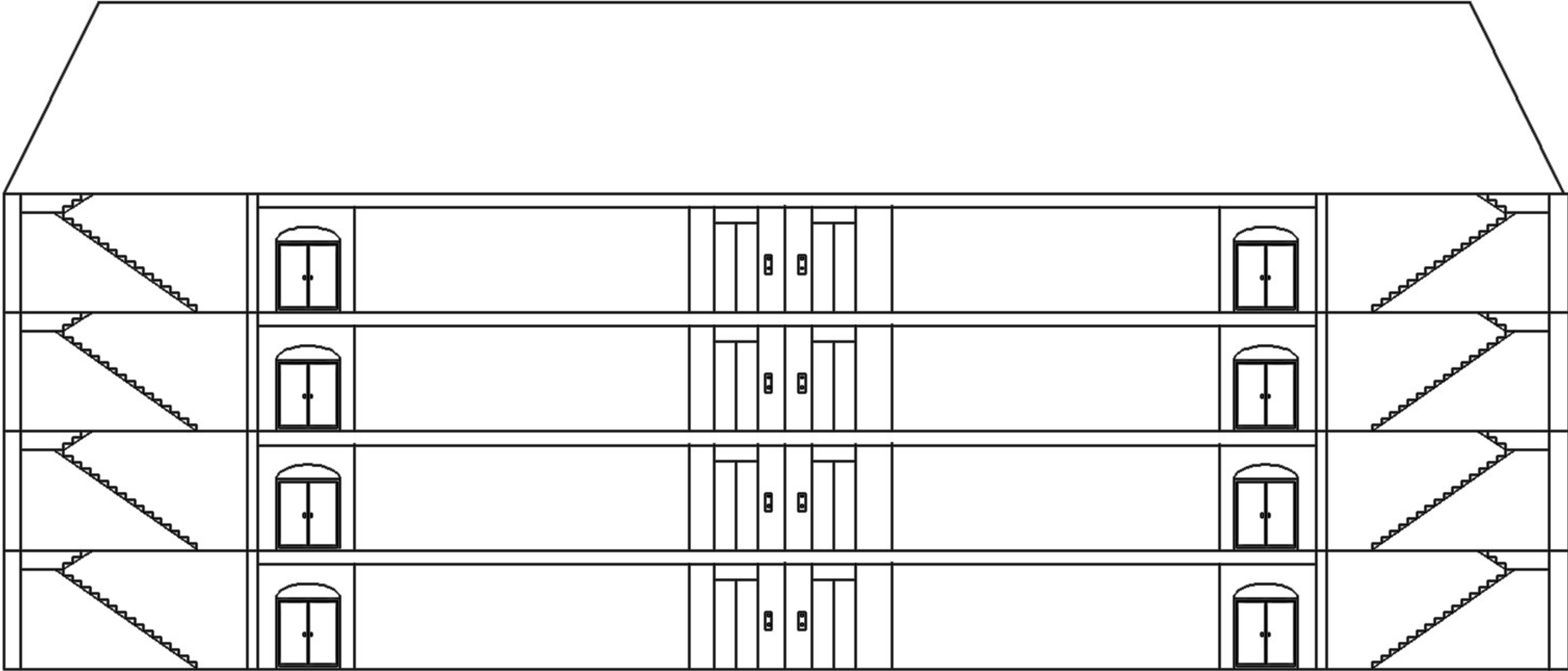
BUILDING FLOOR PLAN



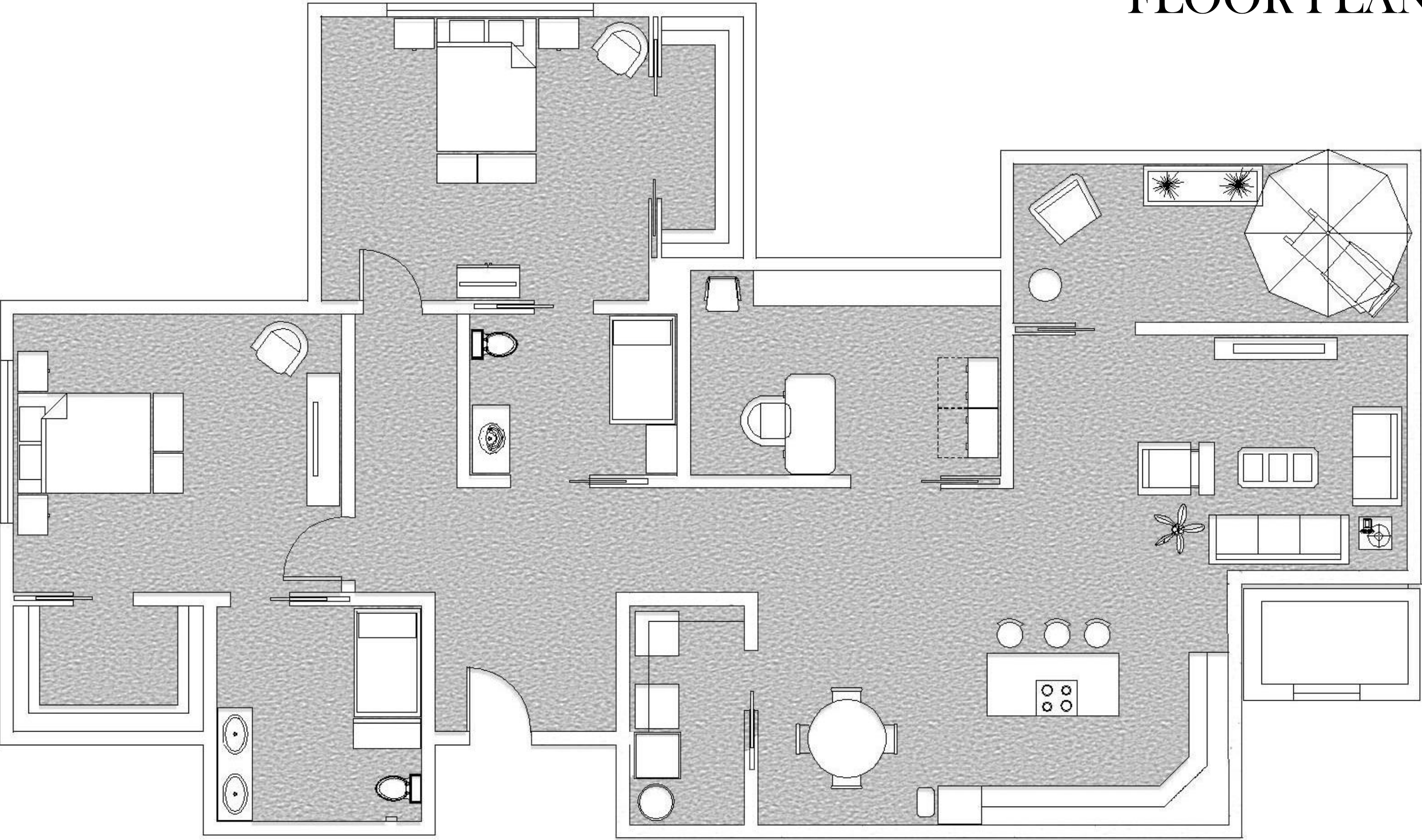
ANONOMETRIC VIEW



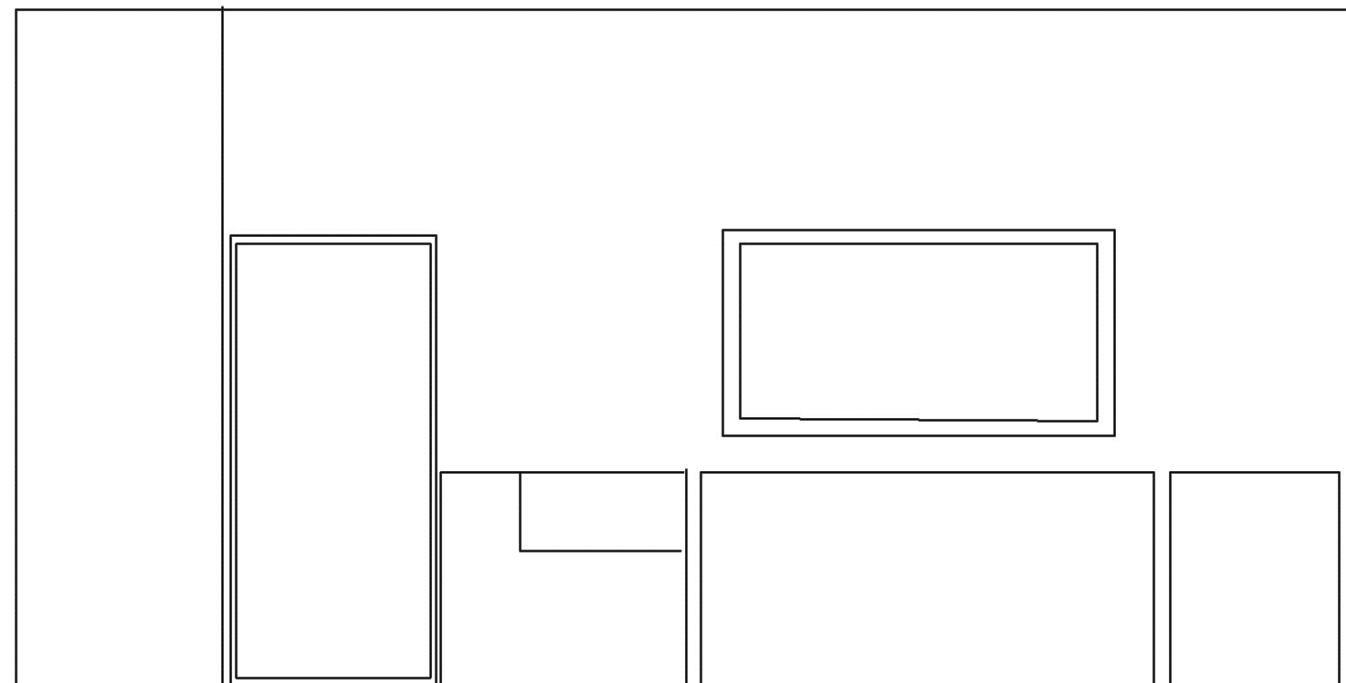
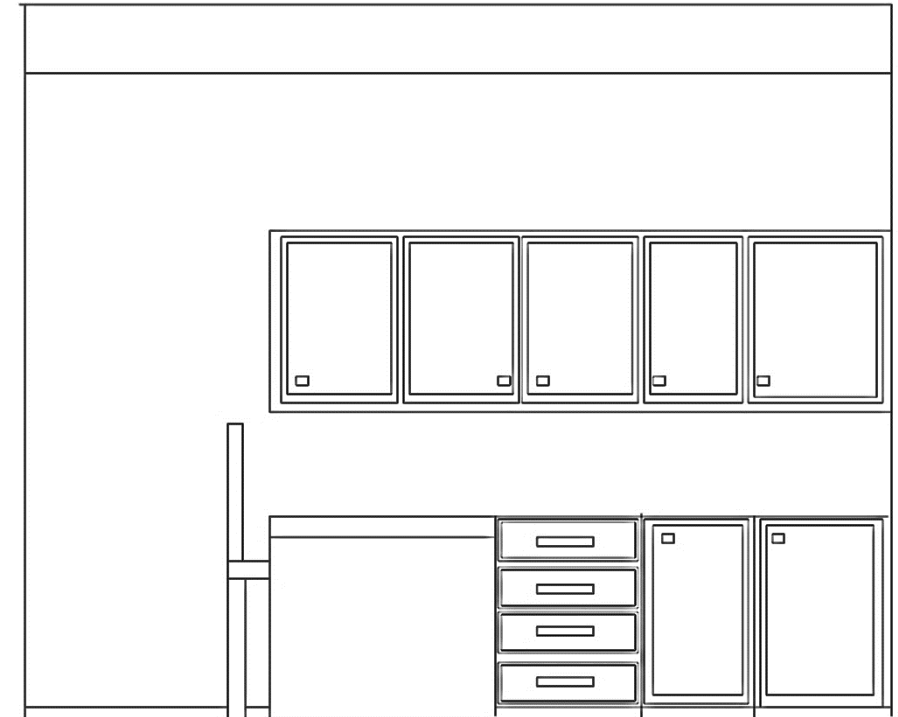
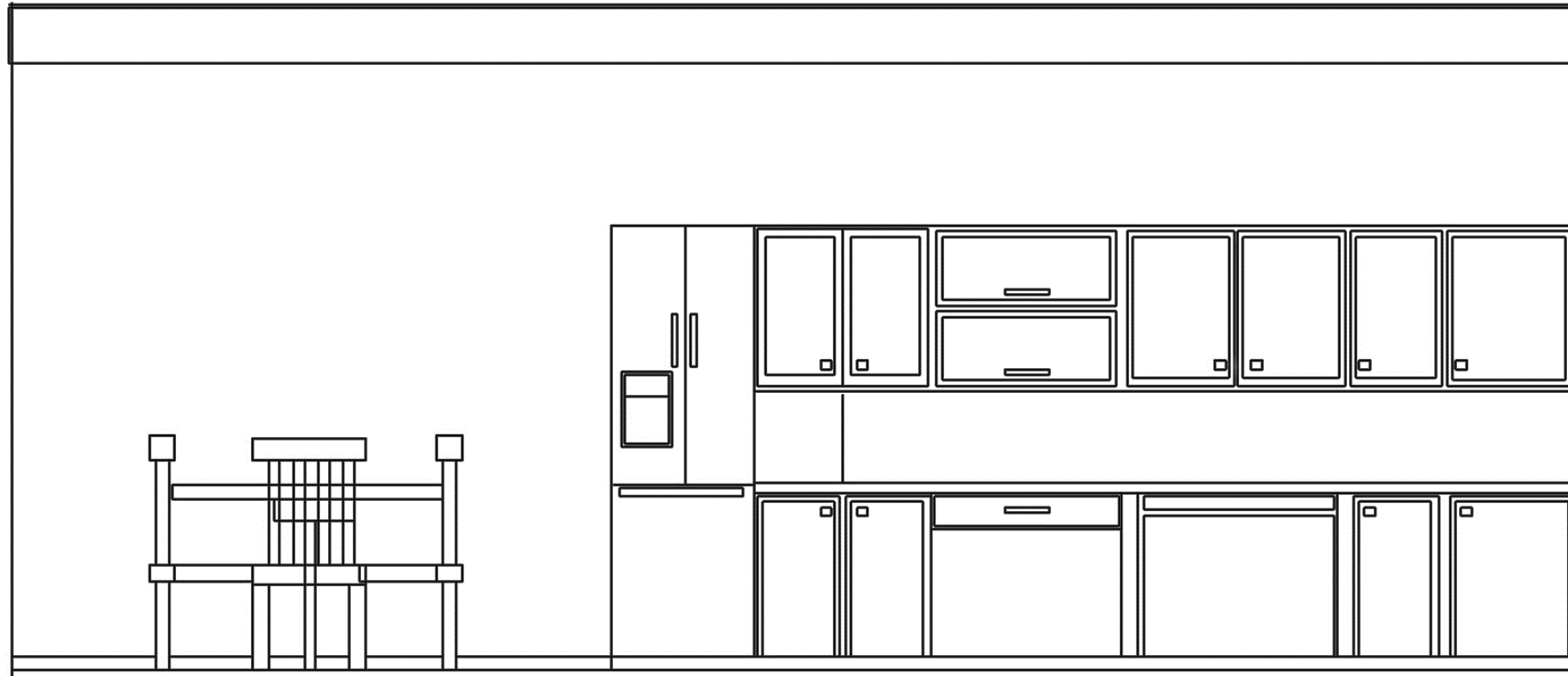
SECTION VIEW



FLOOR PLAN

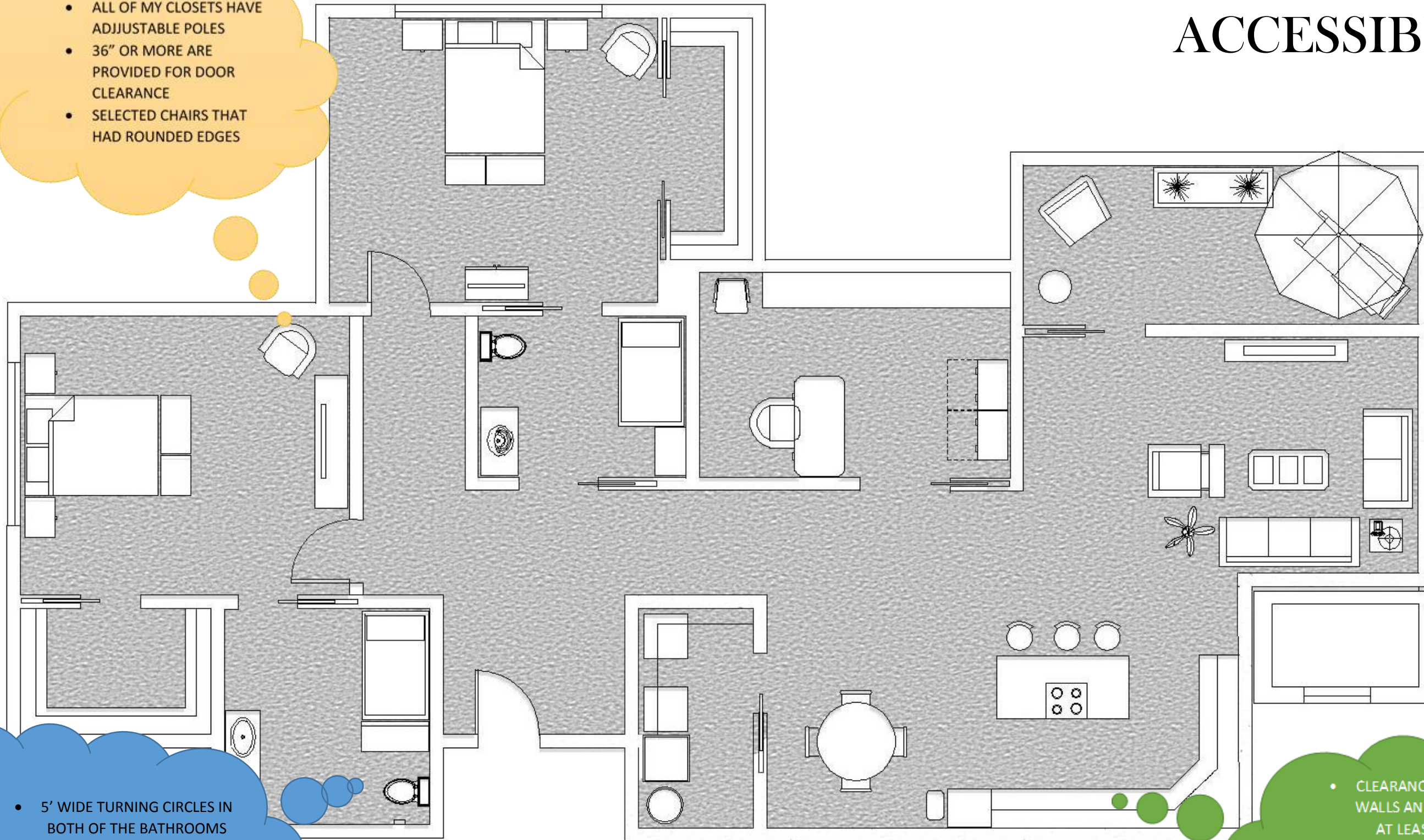


ELEVATIONS OF PUBLIC ROOMS



ACCESSIBILITY

- ALL OF MY CLOSETS HAVE ADJUSTABLE POLES
- 36" OR MORE ARE PROVIDED FOR DOOR CLEARANCE
- SELECTED CHAIRS THAT HAD ROUNDED EDGES



- 5' WIDE TURNING CIRCLES IN BOTH OF THE BATHROOMS
- TOILET CENTER LINE IS AT 18"
- HAS ONE ROLL IN SHOWER WITH A BENCH

- CLEARANCE BETWEEN ALL WALLS AND CABINETS ARE AT LEAST 46" APART
- KNEW CLEARANCE UNDER THE SINK IS PROVIDED
- THERE IS A CLEAR FLOOR SPACE IN FRONT OF ALL THE APPLIANCES