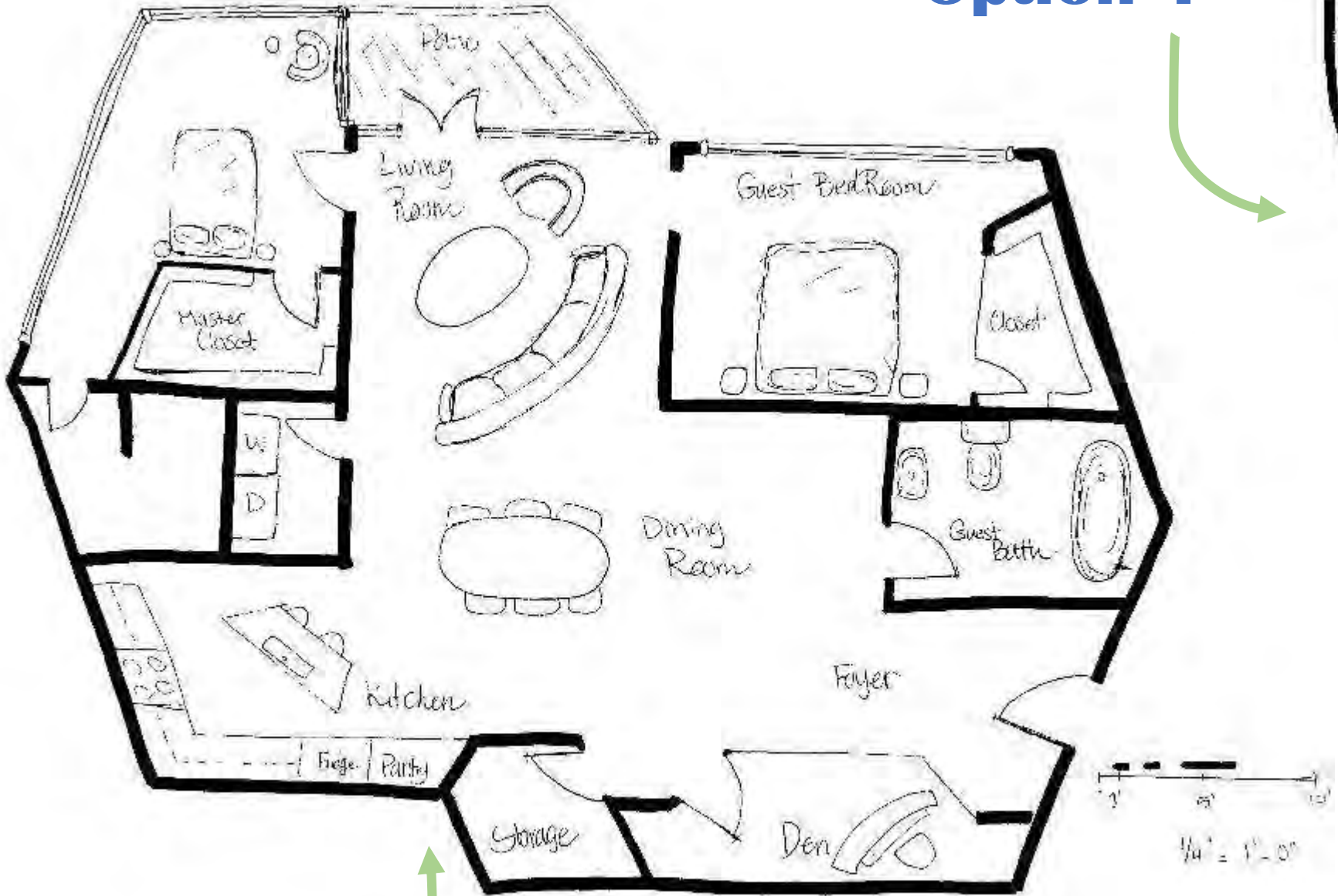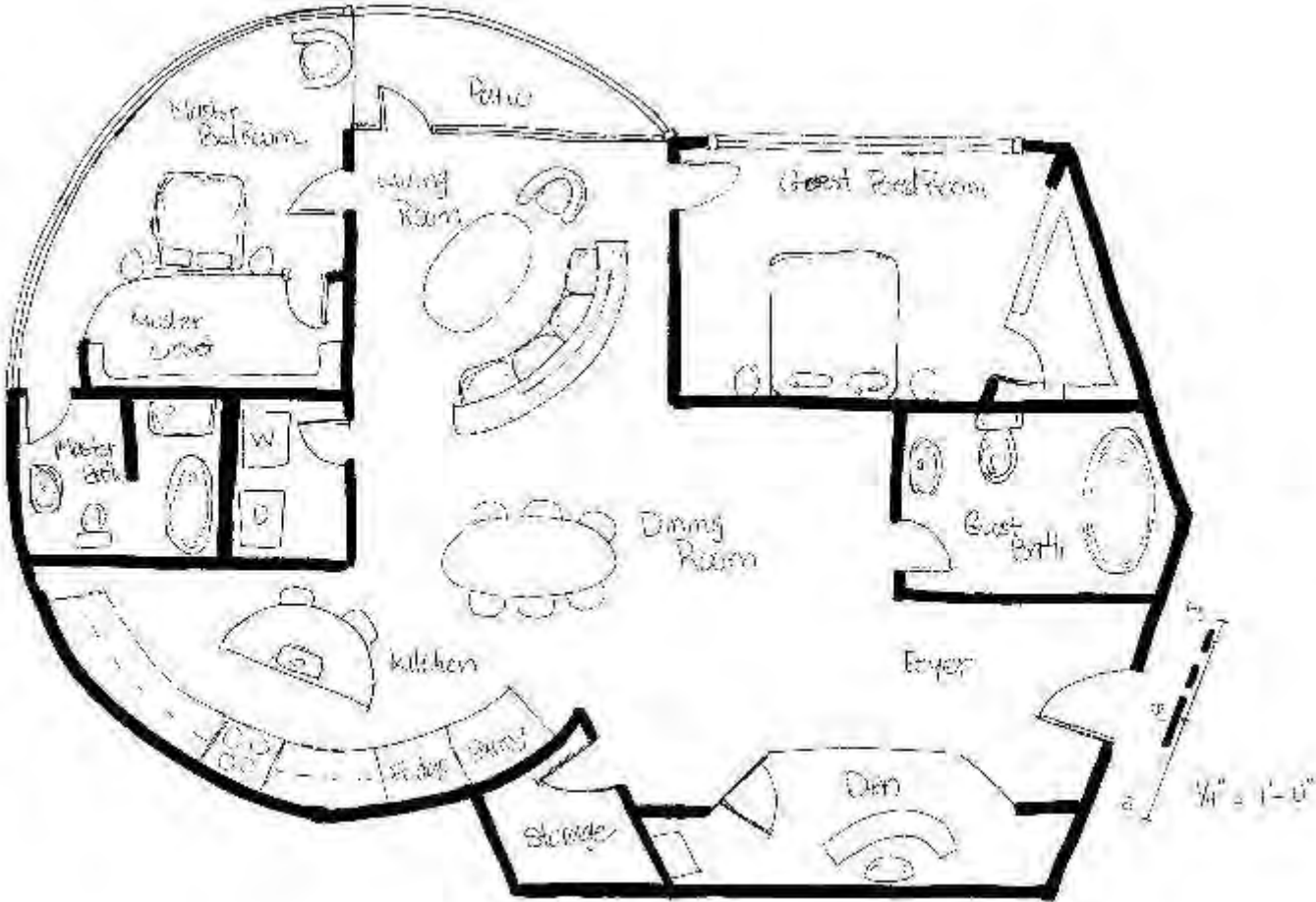# IDSN 3102 PORTFOLIO TWO

EAST CAROLINA University - Clara Rezk
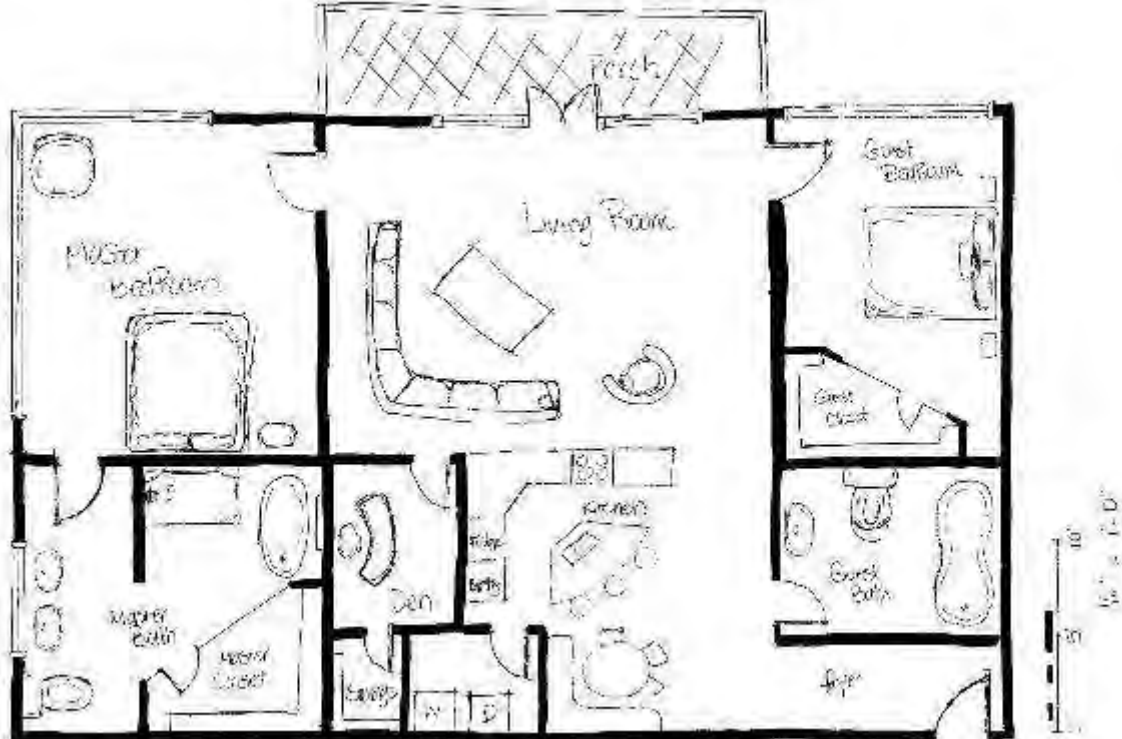
Space Plan Sketches

- -

Option 1

Option 2

Option 3

Problem Resolution Sketches

Wayfinding Resolution 1
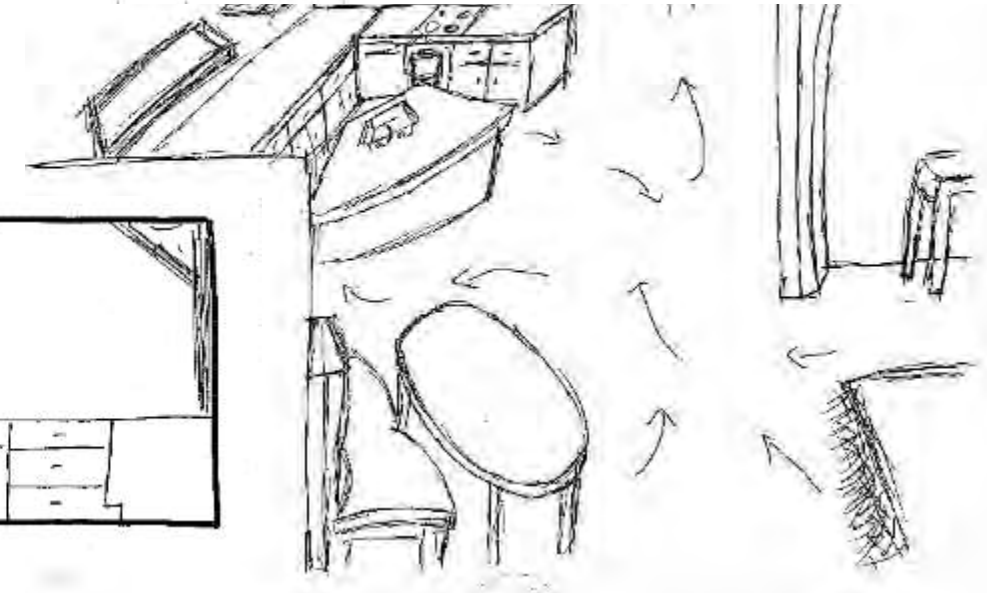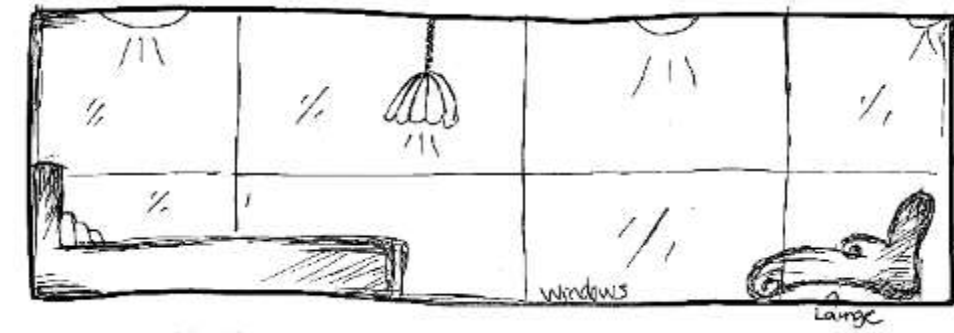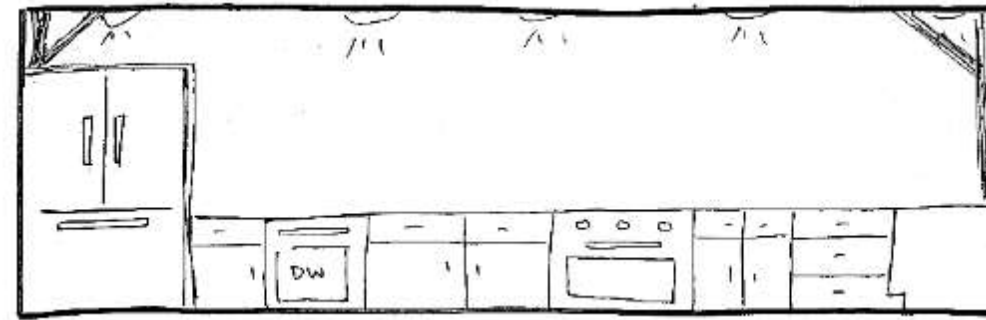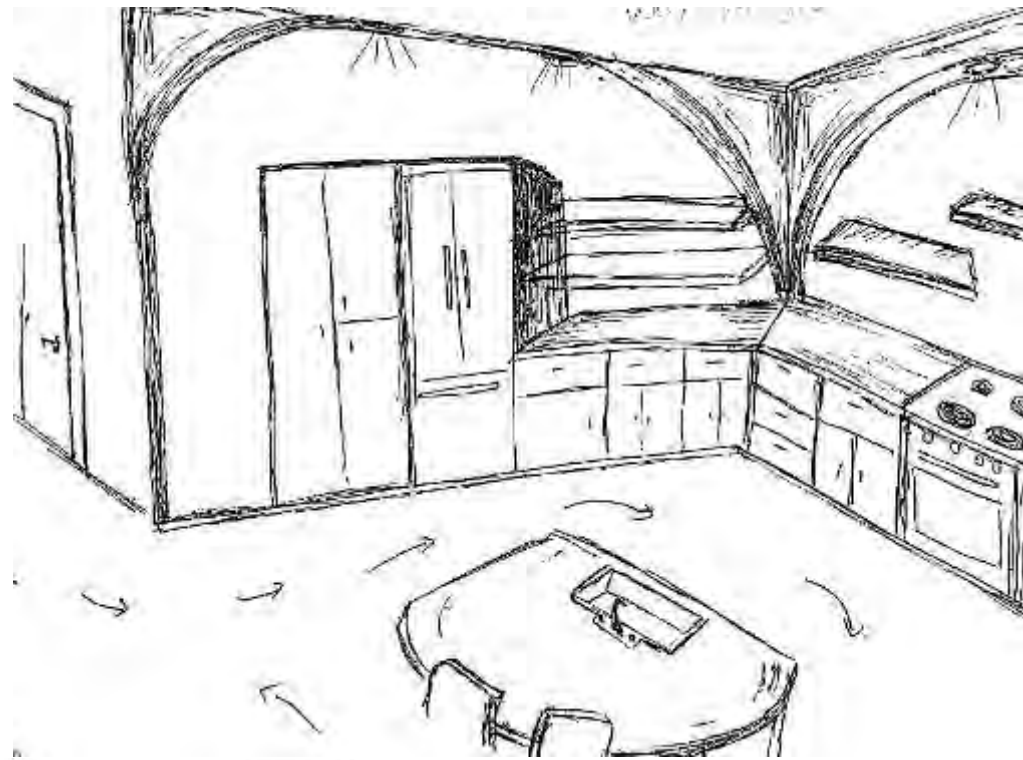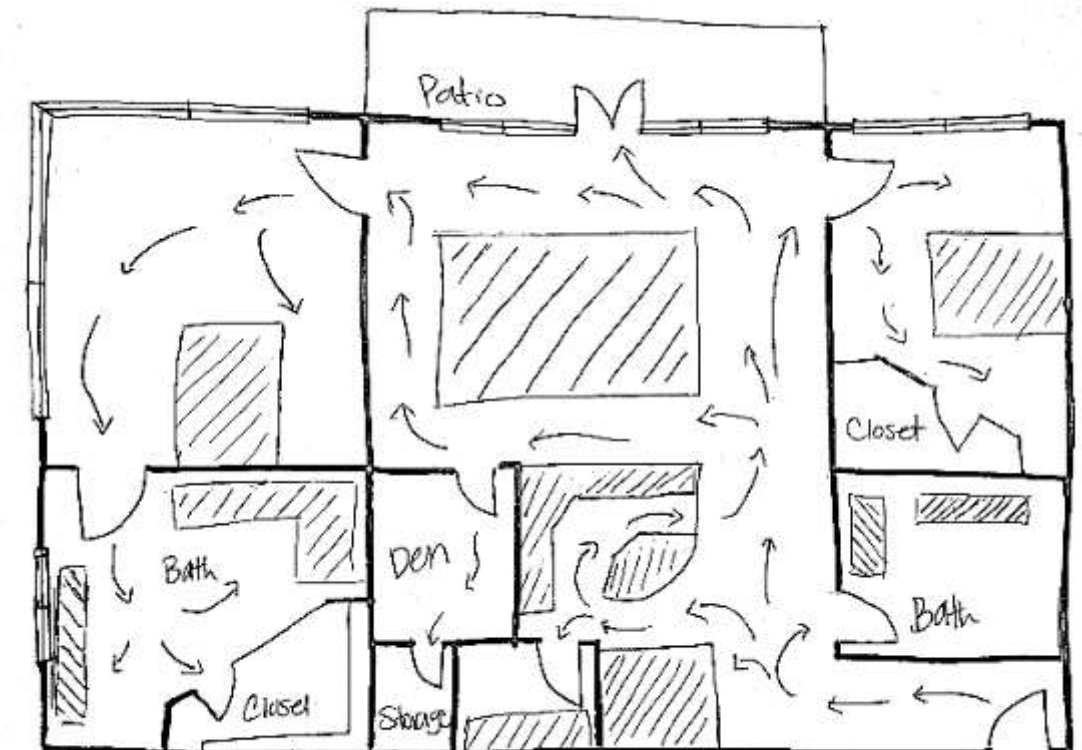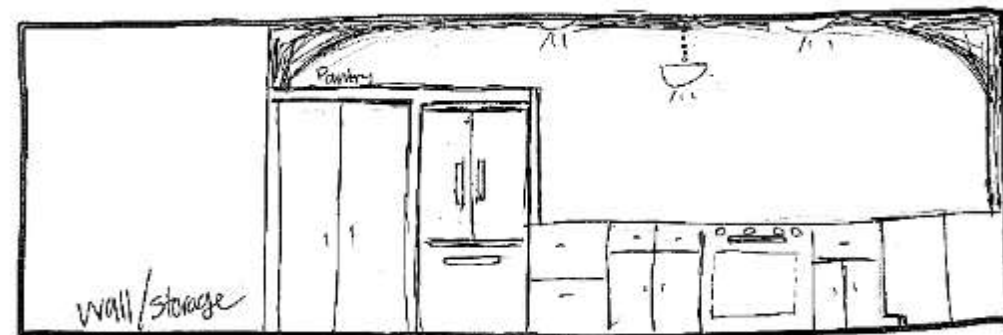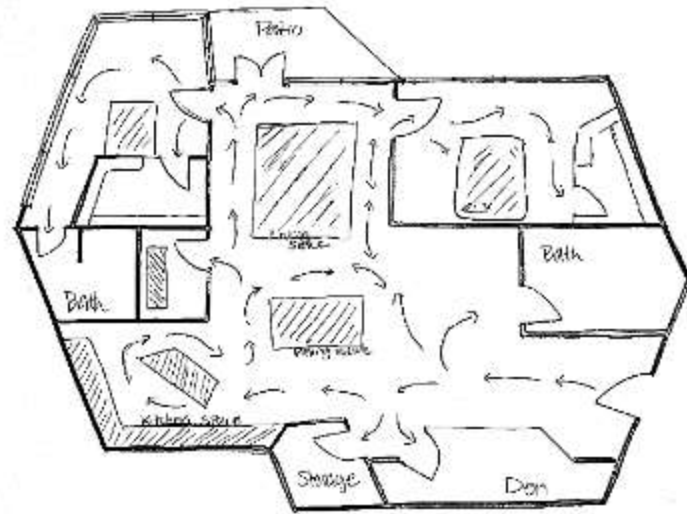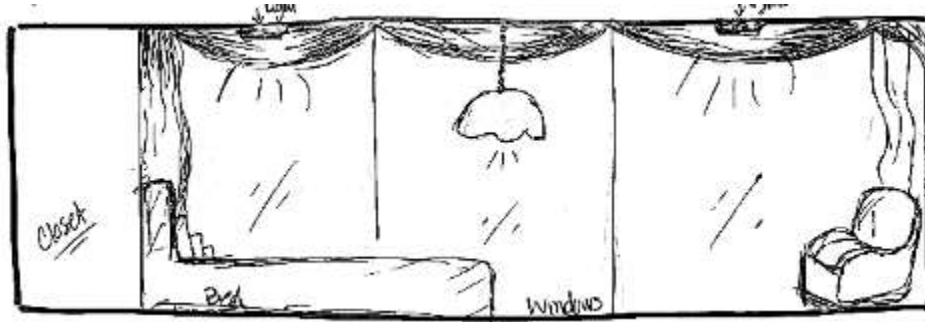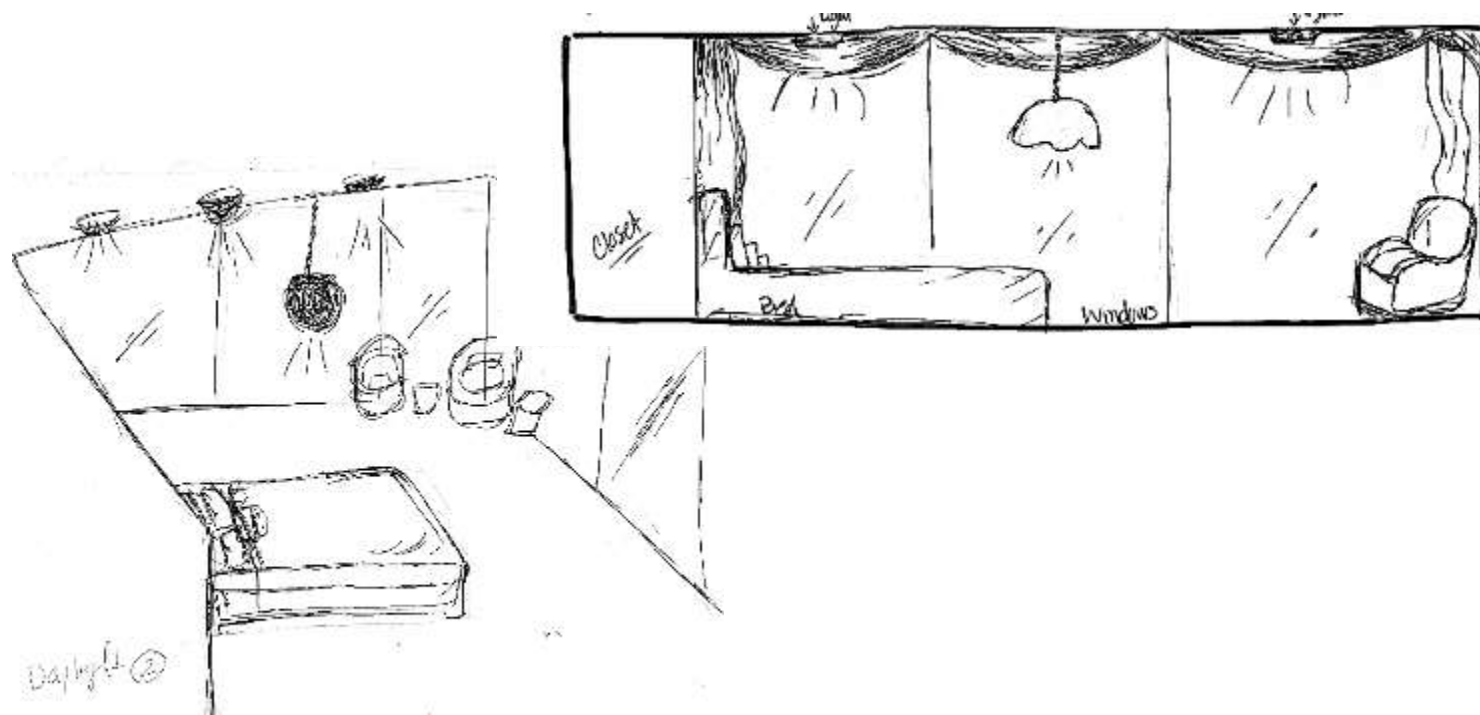
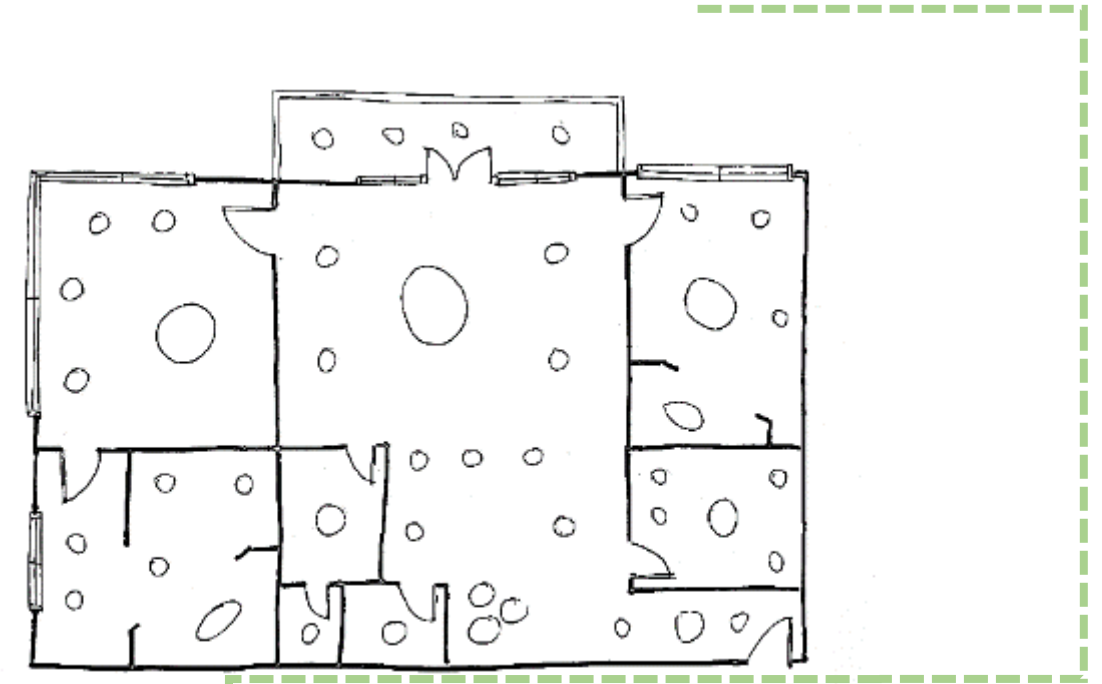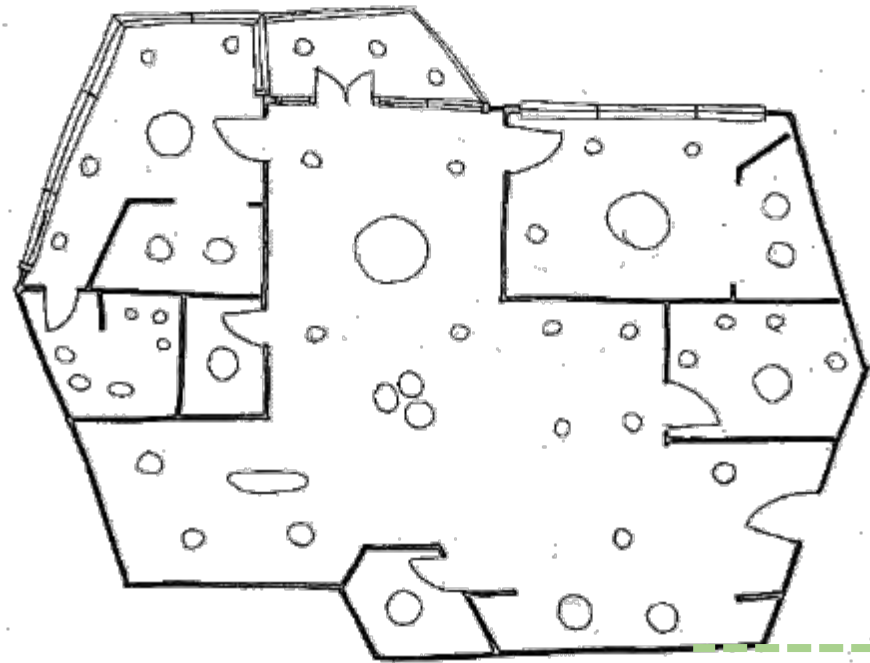## Wayfinding Resolution 2

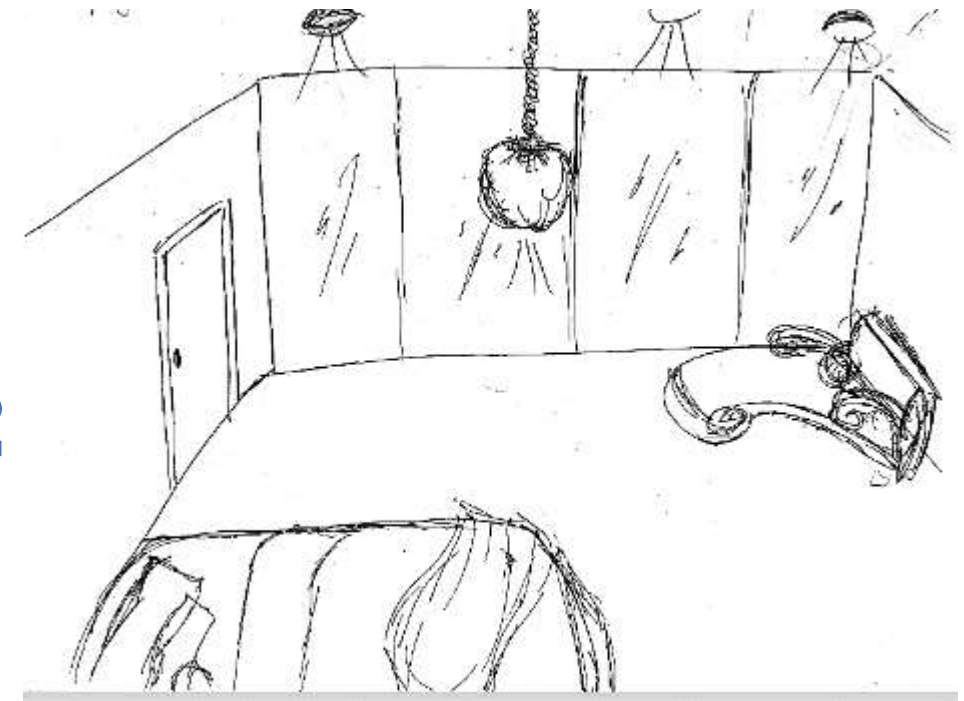# Problem Resolution Sketches

Ceiling & Daylighting Resolution 1

Ceiling & Daylighting Resolution 2

Problem Resolution Sketches

Support Space Resolution 1
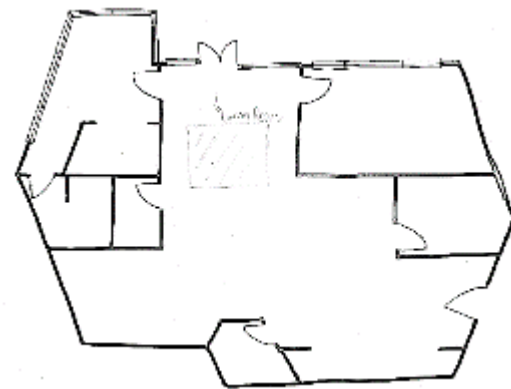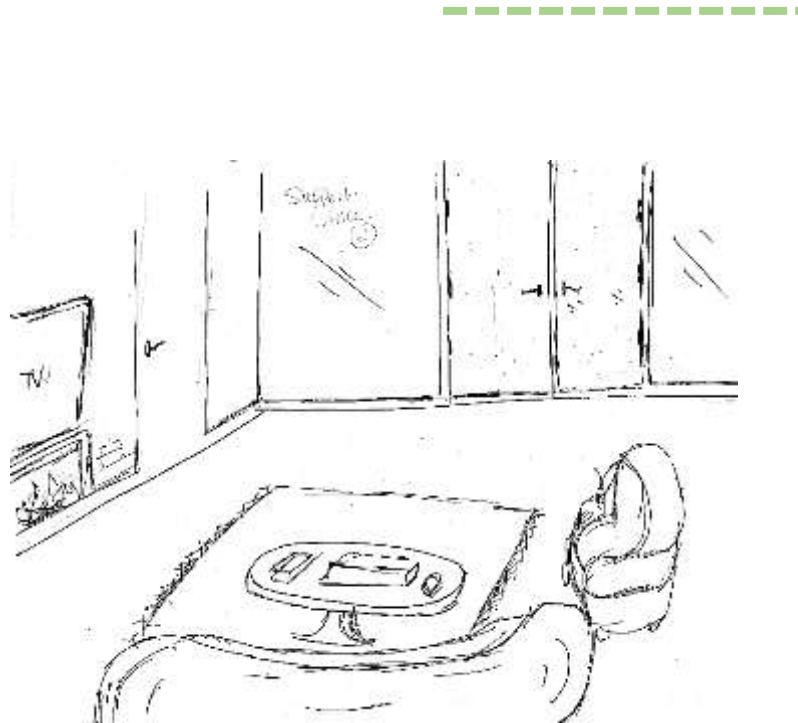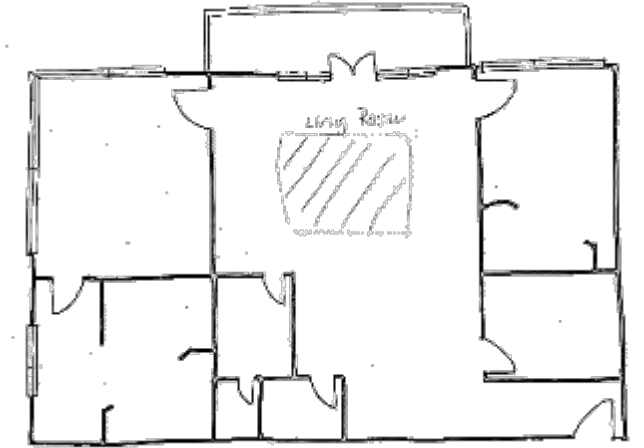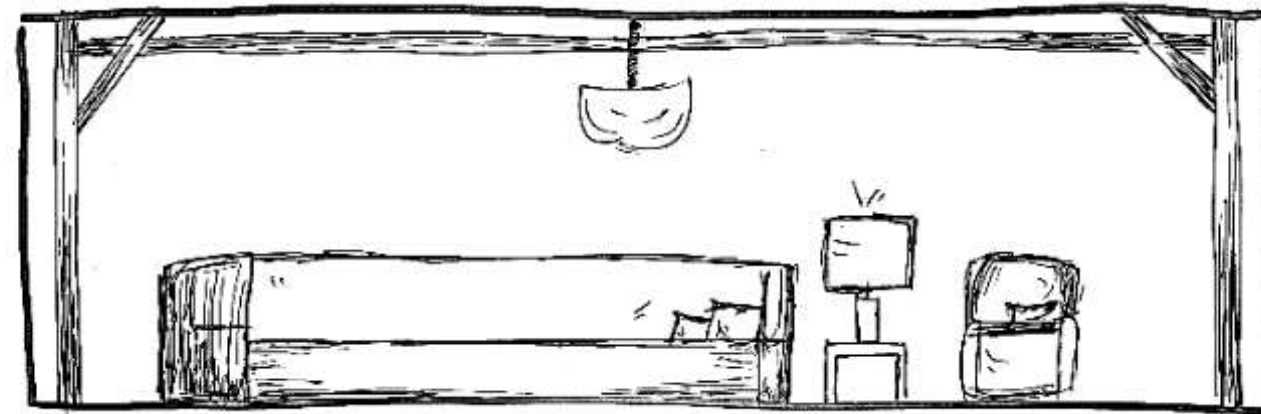
Support Space Resolution 2
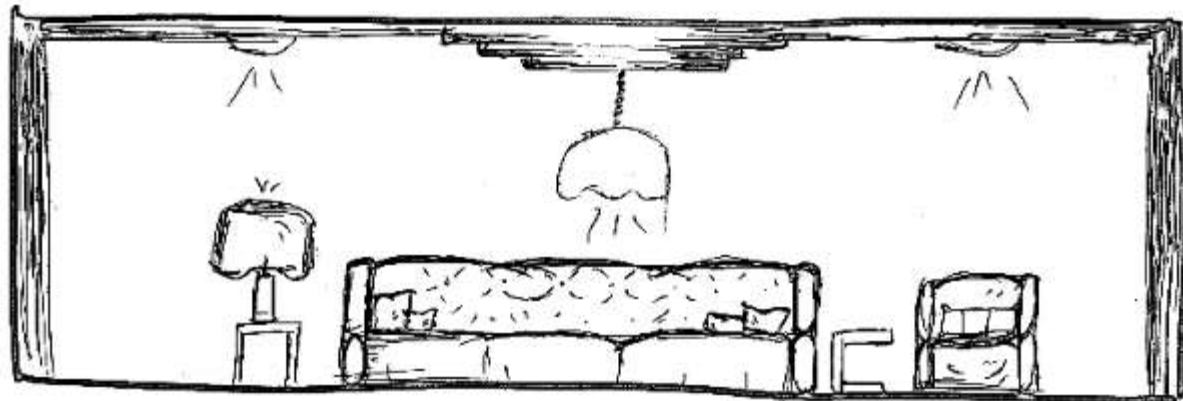
Problem Resolution Sketches

Entry Resolution 2
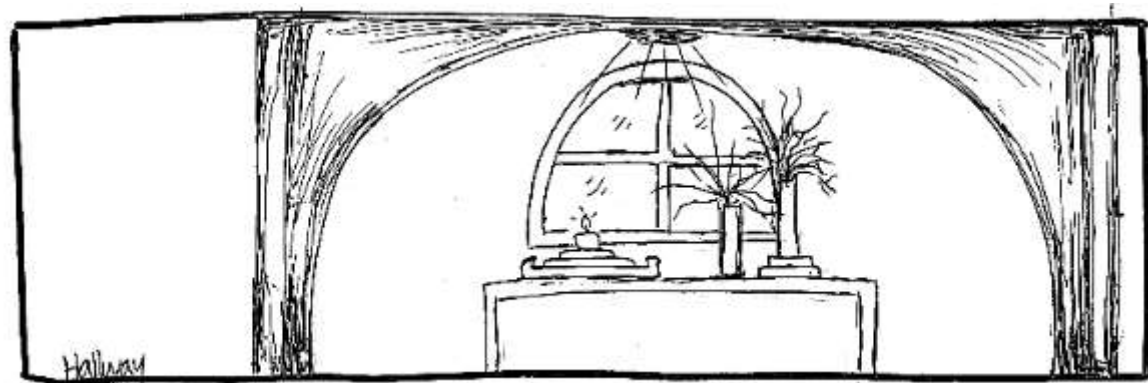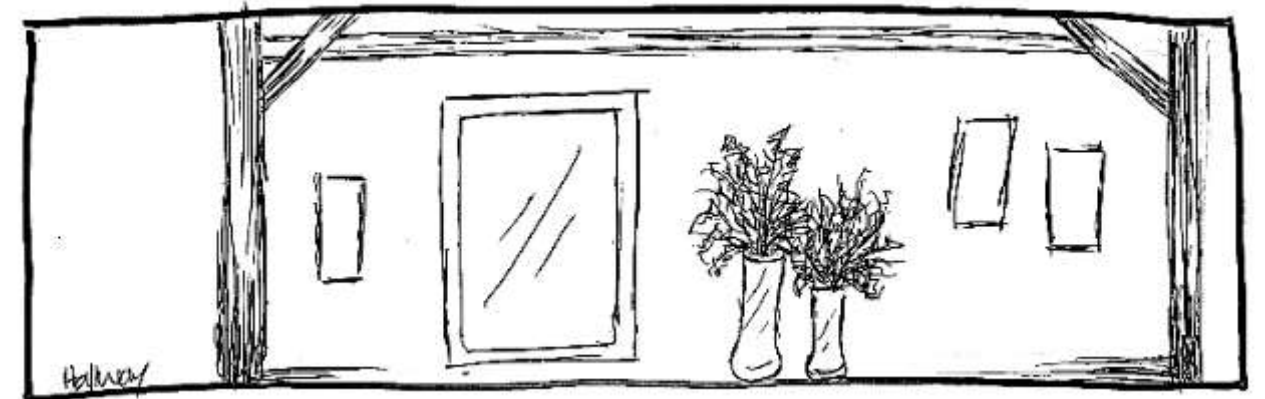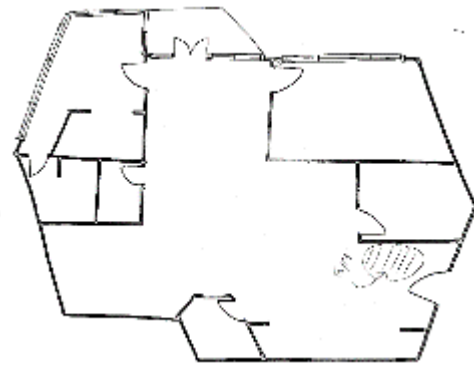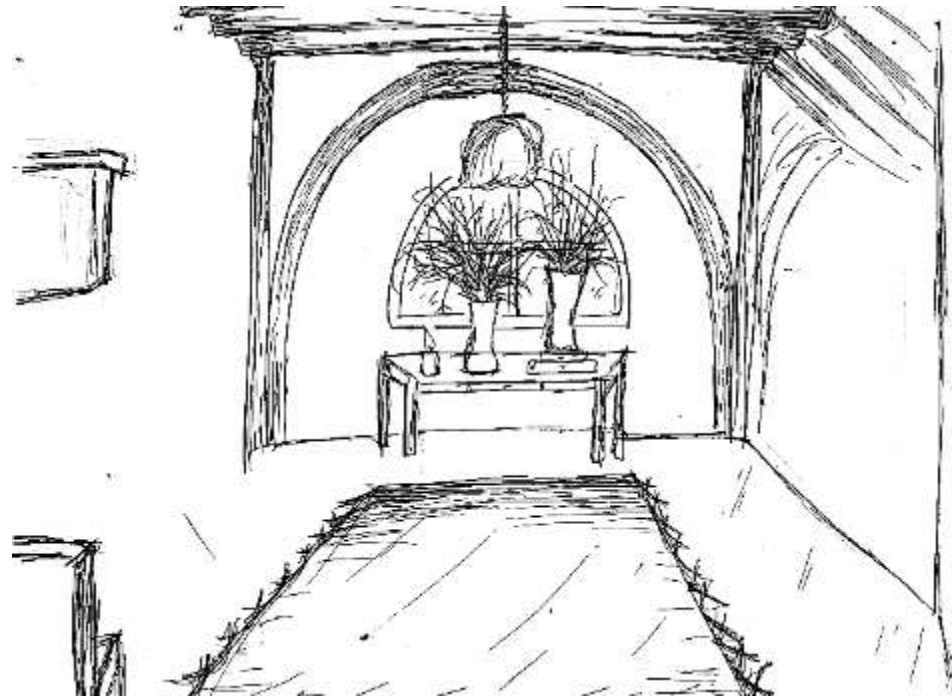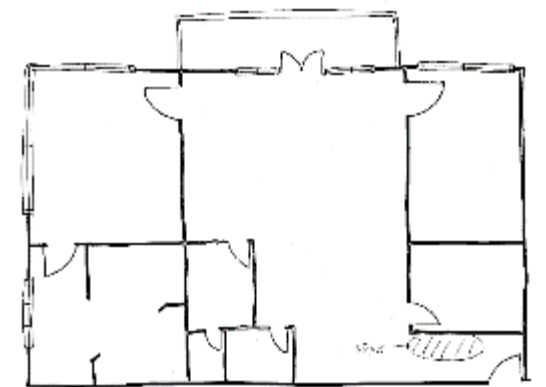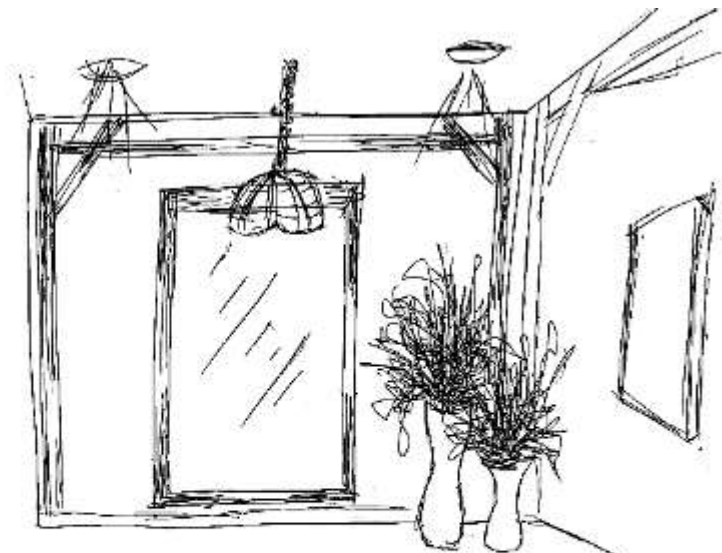
Entry Resolution 1

Final Floorplan: Level 2
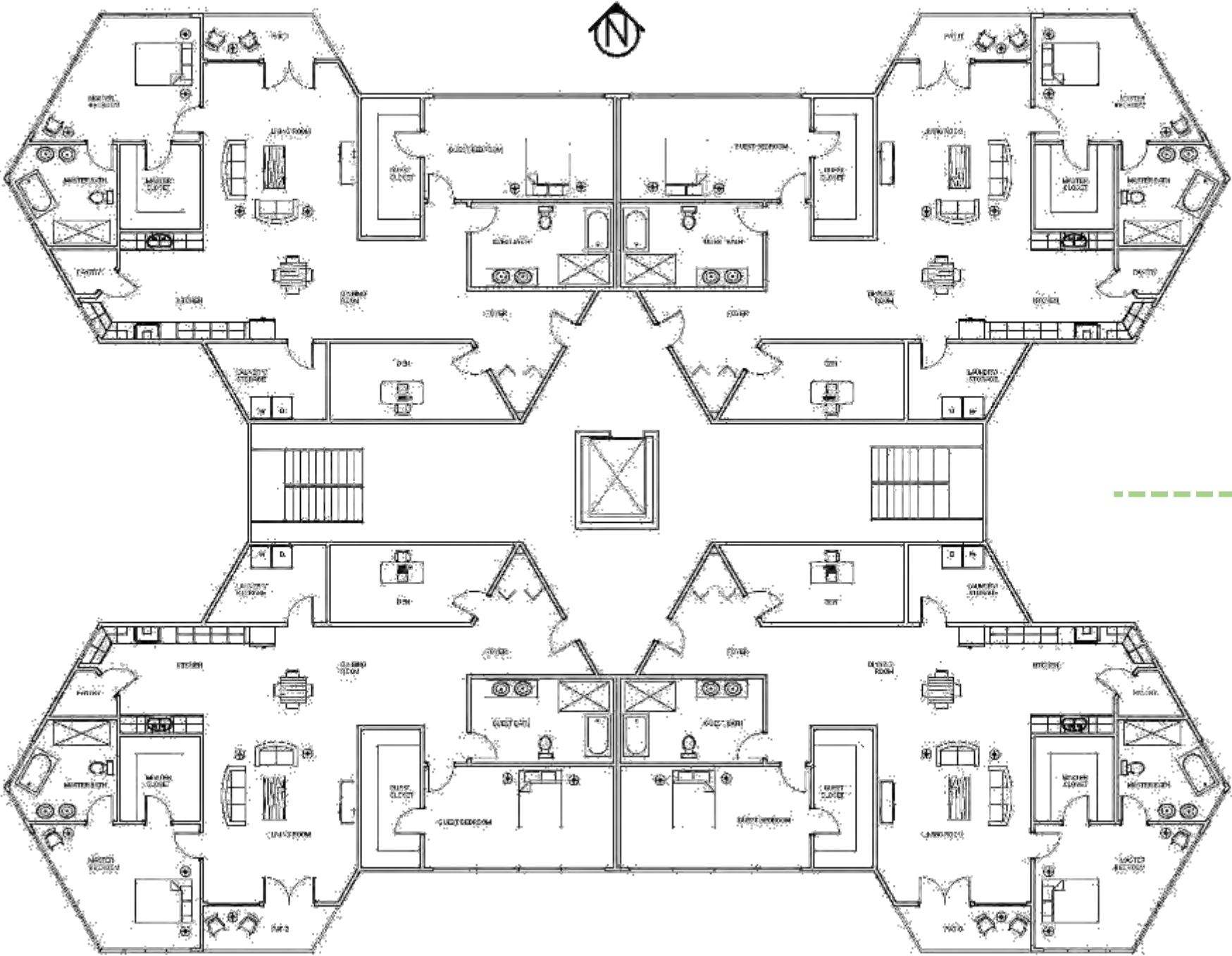
Scale: 1/6" = 1'-0"

Furniture Plan
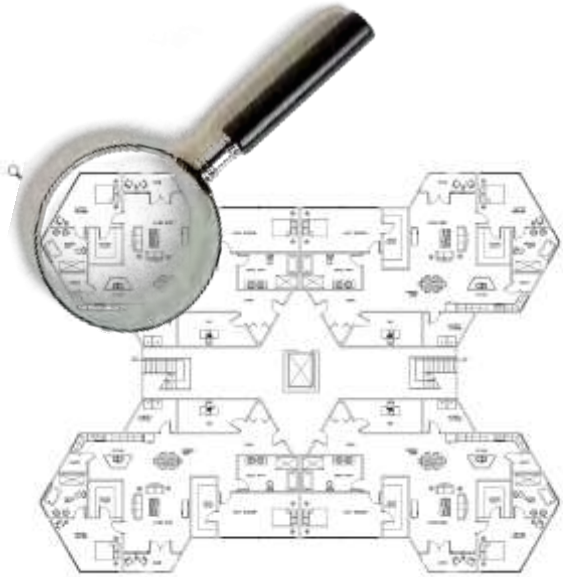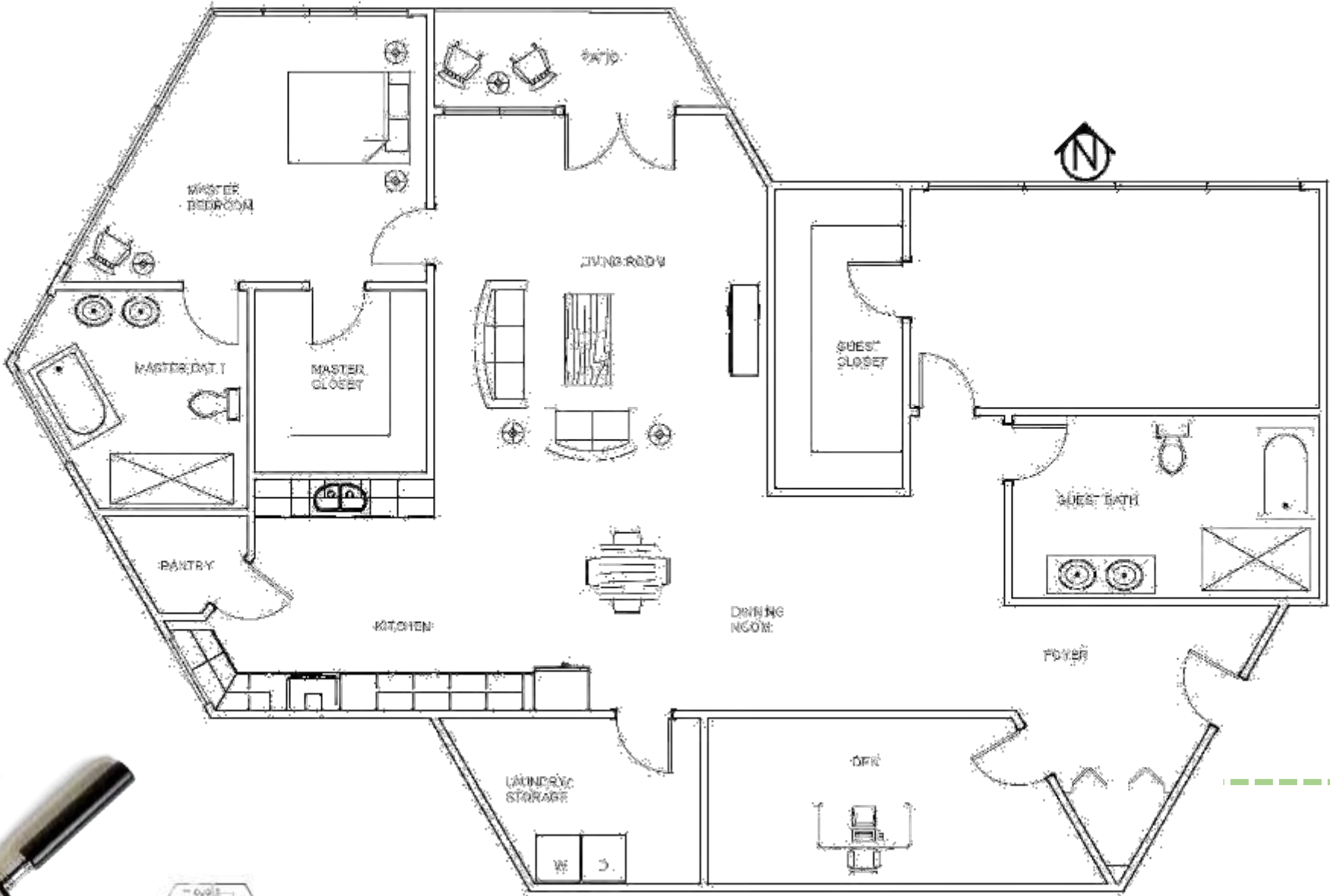
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Elevations
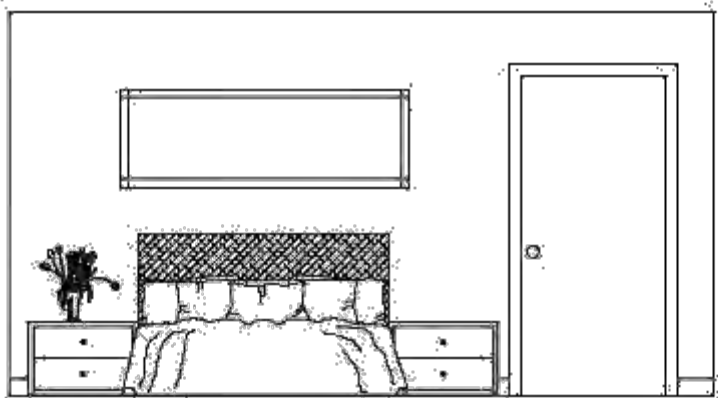
o Right Wall Master Bedroom
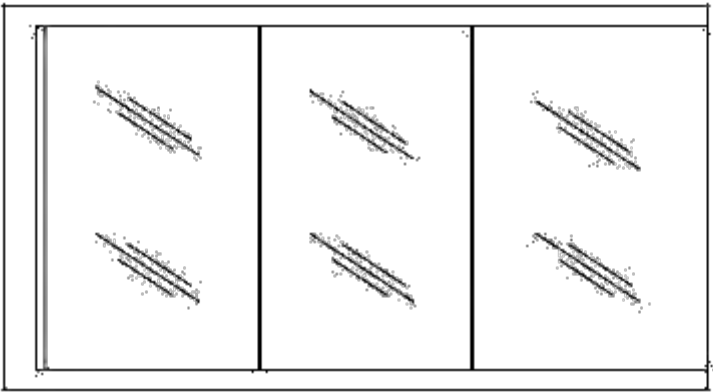
o Left Wall Master Bedroom
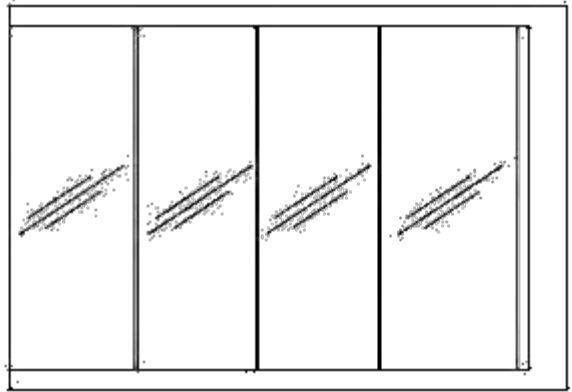
o Front Wall Master Bedroom

o Front Wall Living Room
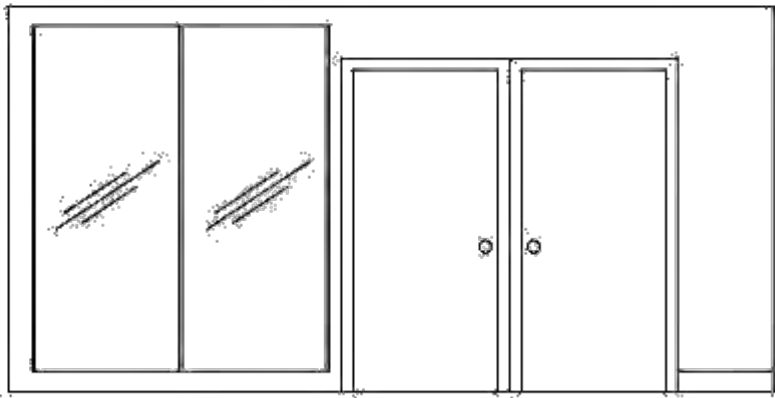
o Left Wall Living Room
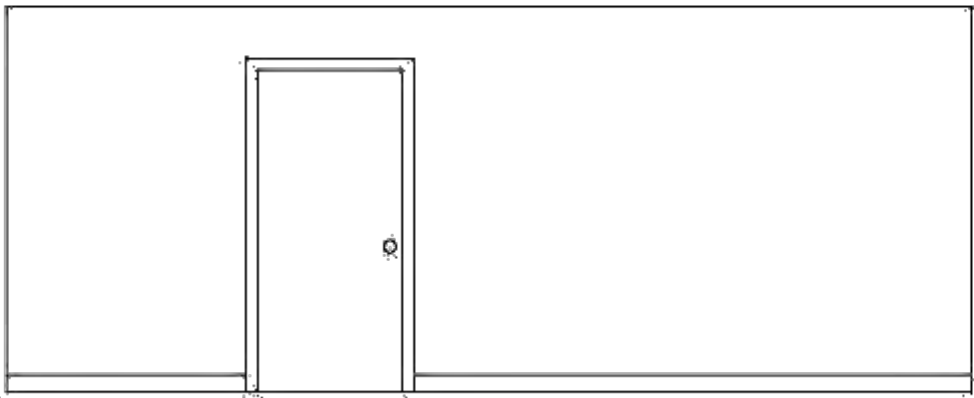
Scale: 1/4" = 1'-0"

Elevations
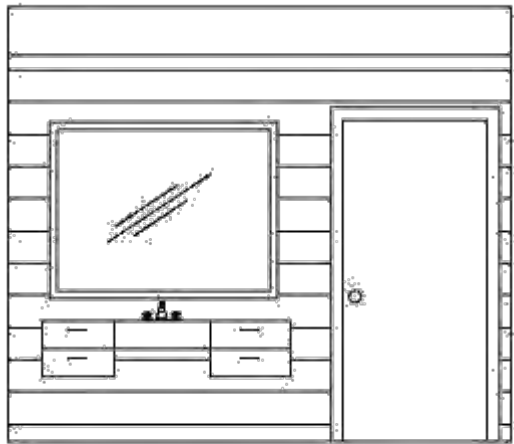
o Front Wall Master
  Bath
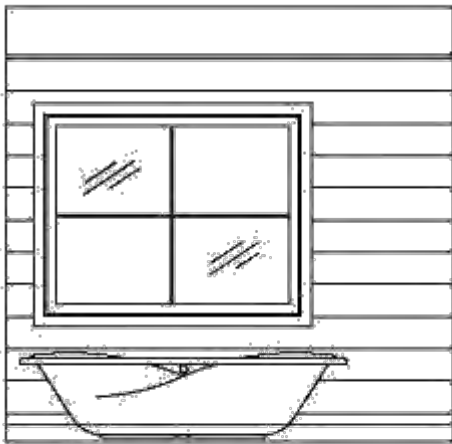
o Left Wall Master
  Bath

o Back Wall Kitchen
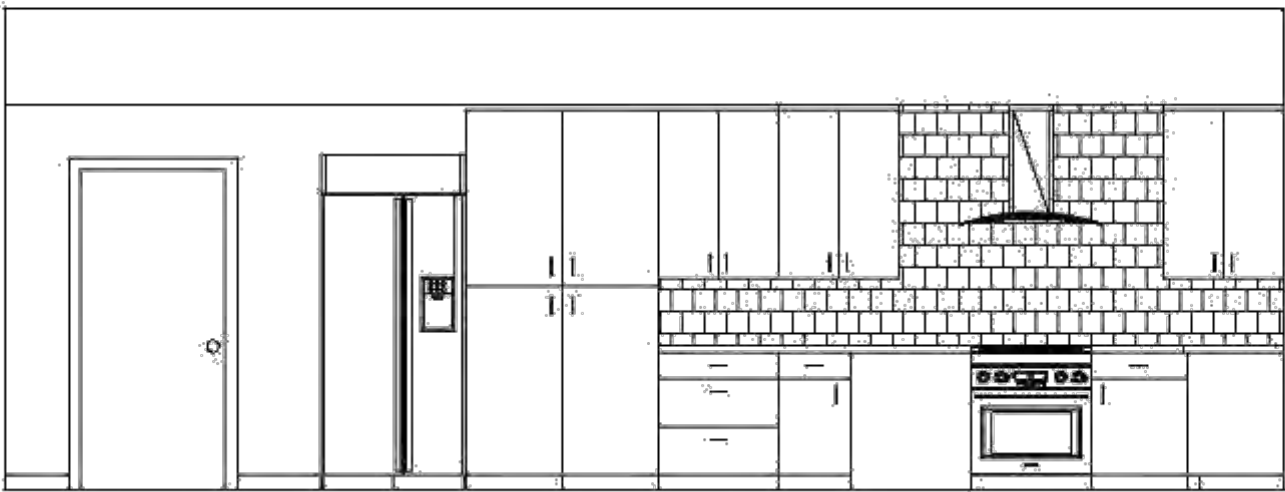
Scale: 1/4" = 1'-0"

Reflected Ceiling Plan
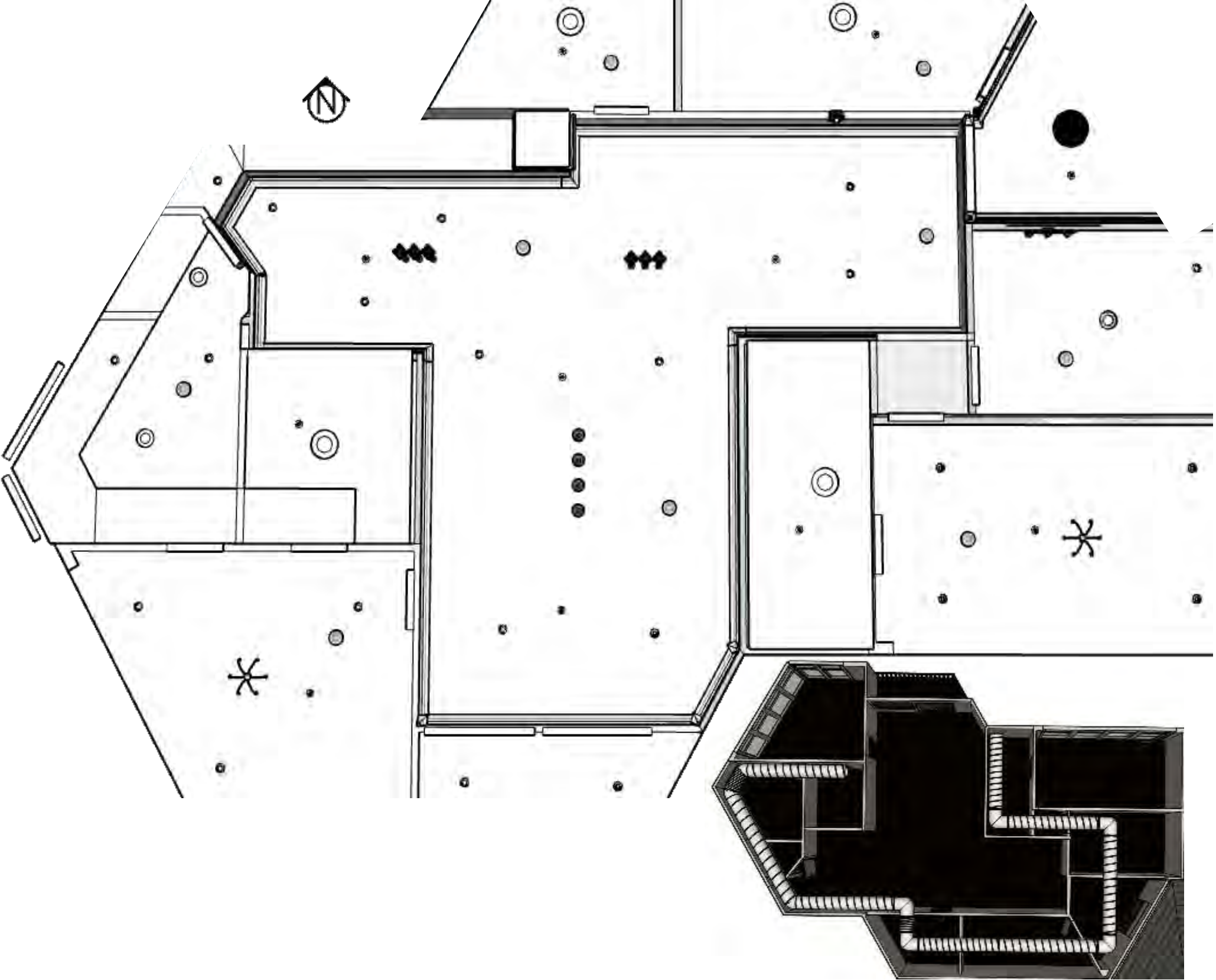
Ductwork

SketchUp Building Model

SketchUp Unit Perspectives

Dining Room

Foyer

SketchUp Unit Perspectives
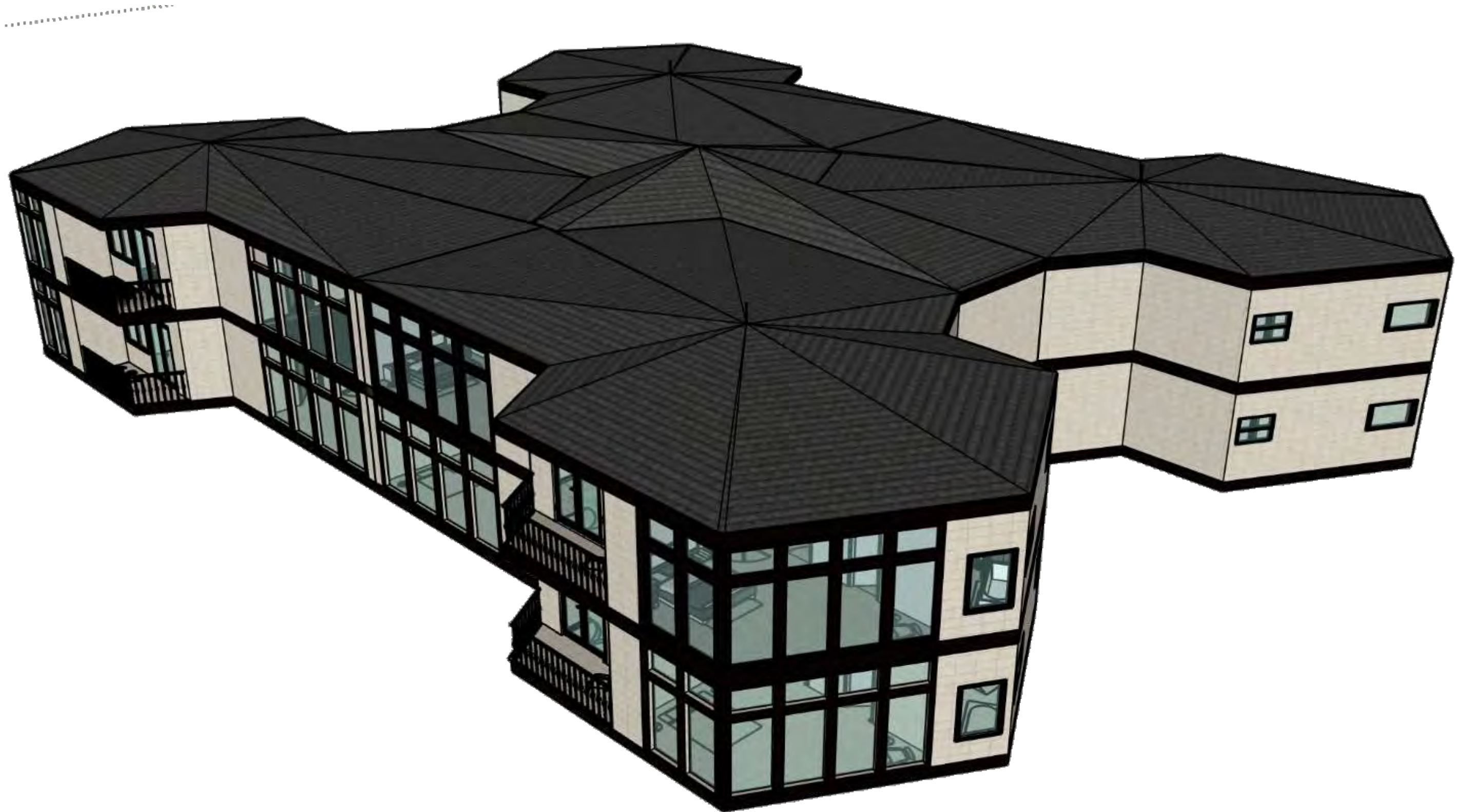
Kitchen

SketchUp Unit Perspectives

Master Bedroom

Living Room

SketchUp Unit Perspectives

Master Bathroom

Finishes Options

Kitchen Option 1

Kitchen Option 2

Finishes Options

Living Room
Option 2
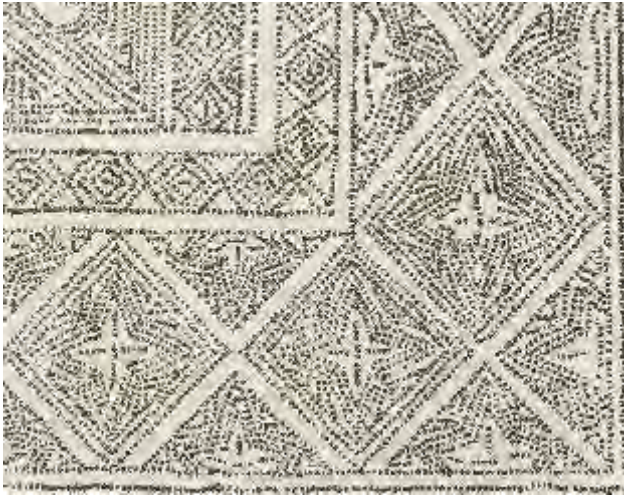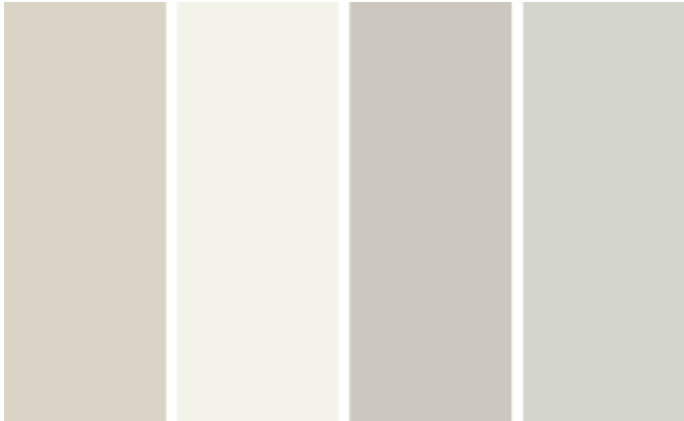
Living Room
Option 1

Accessibility

o Lever Hardware at all doors.

o Flooring is distinguishable from walls for those with low eye sight.

o Clearance entry of doorways

o Clear area next to Stove.

o No sink base. Lavatory at 34" height.

o Shower seats available.
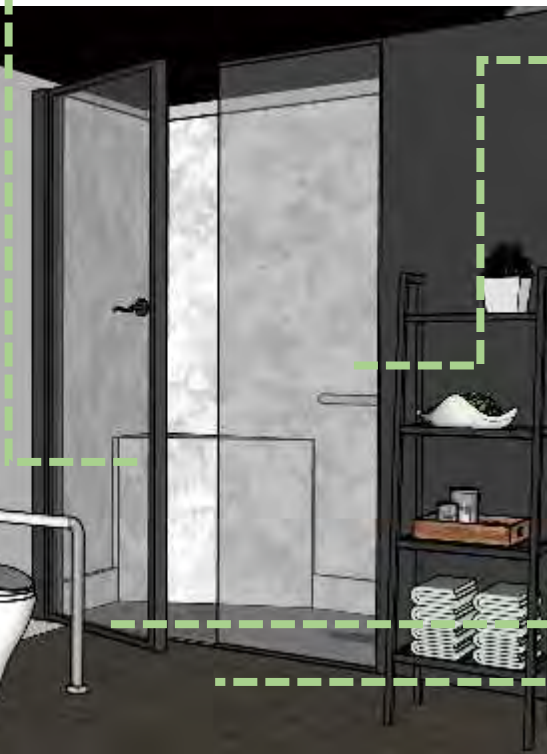
o Space for wheelchair next to a toilet.
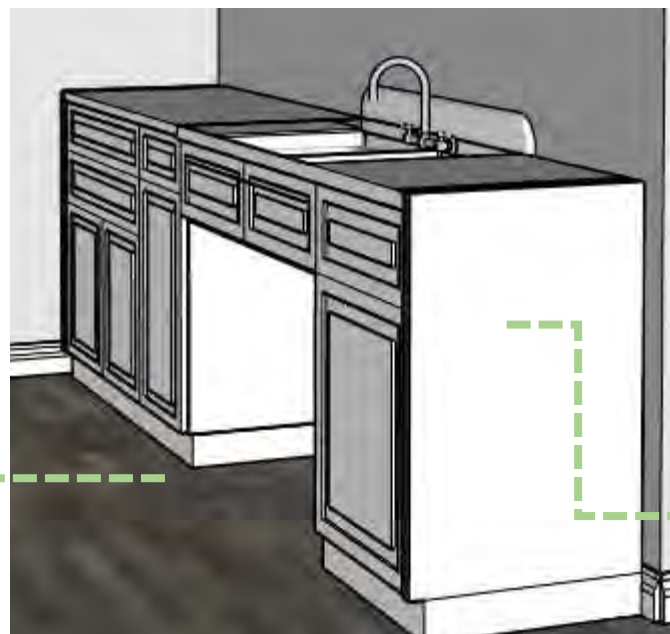
o Grab bar accessible in showers, near toilets and bath tubs.

Clearances...
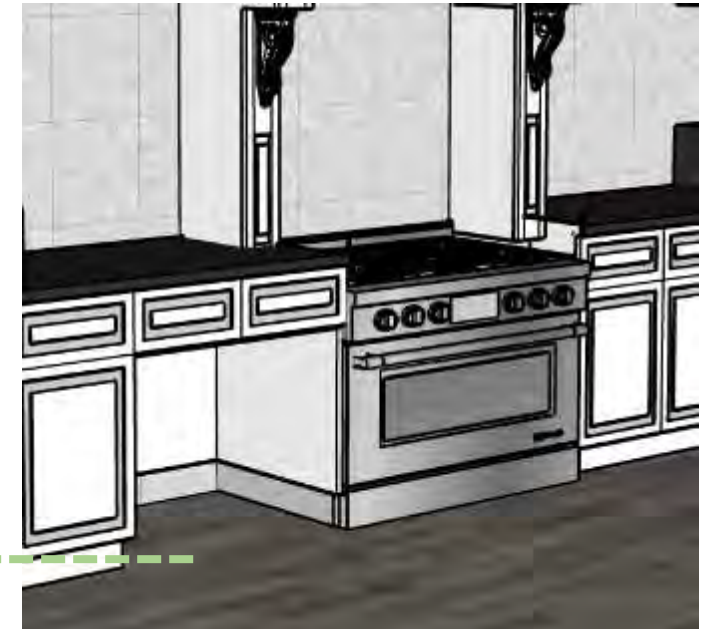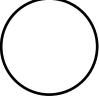
o 34" Counter tops

o No threshold, roll in showers.

o The space is focused on targeting our clients with abilities or disabilities.

o The main goal is combining user experience with a high level of accessibility.

o Each space is very usable to practice all activities.

o Clear floor area around all furniture. 60" Clearance space.

Life Safety Plan

Legend...

- North Arrow
- MOE Travel Distance
- Fire Extinguisher
- Standing Pipes
- Fire Hose Cabinets
- Separation of Exits
- Wheelchair Radius

Notes...

- Building includes:
  - Two main exits
  - Sprinklers
  - Elevator
  - Each unit includes one fire extinguisher and two in the corridor.

Master Bedroom

Patio

Bath

Closet

Living Room

Kitchen

Dining Room

Guest Bedroom

Closet

Bath

Foyer

Storage/Laundry

Den

N
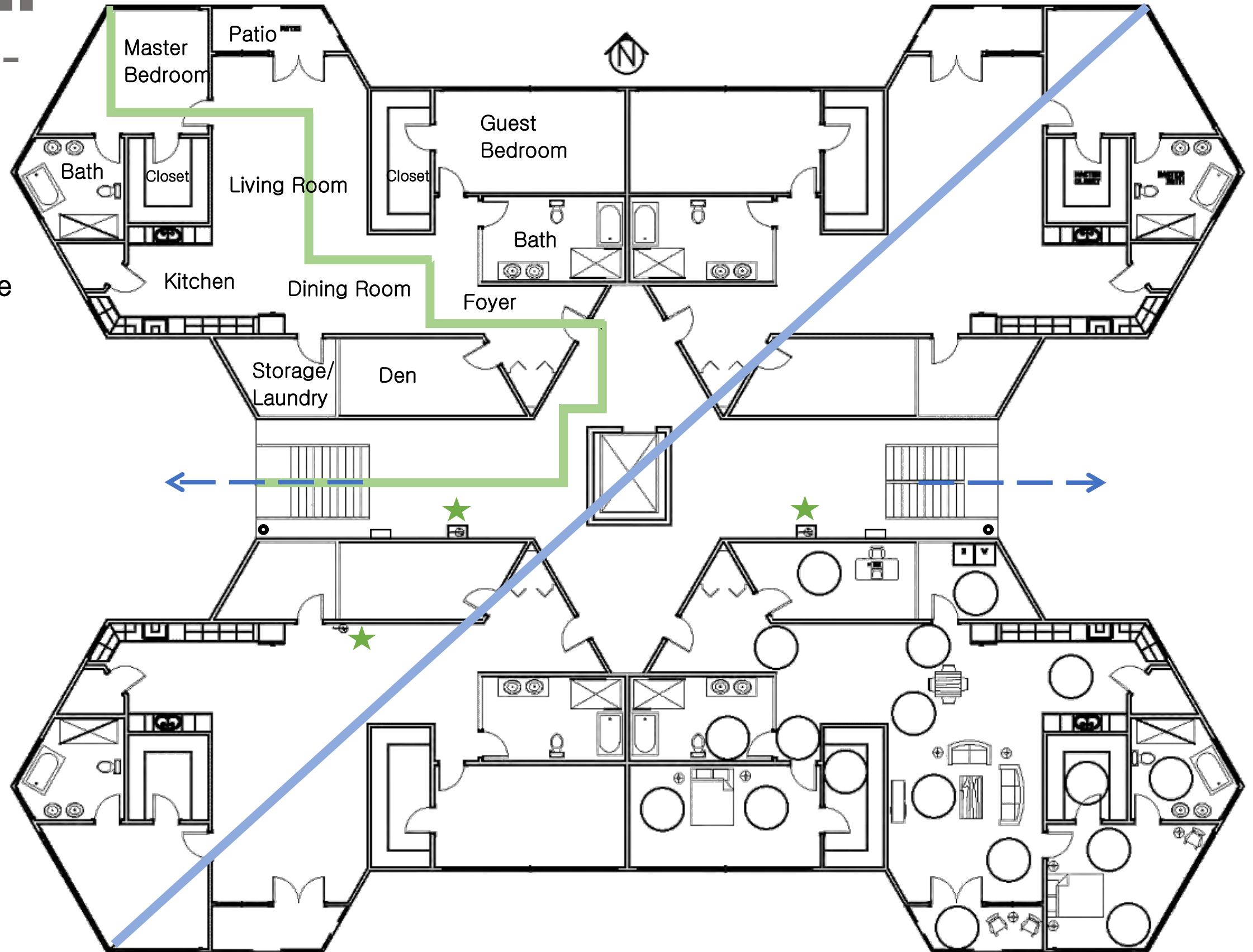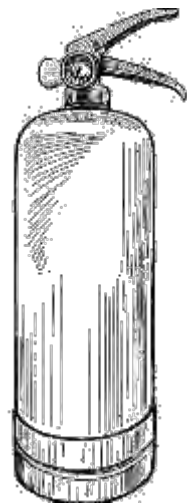
Life Safety Table

- - - - - - - - - - - - -

Building Construction and Occupancy					
Construction Type	Sprinklers?	Occupancy Type			
2	Yes	R-2			

	# of Exits		Travel Distance		Arrangement: Means of Egress	
Space Designation	Required	Shown on Plans	Allowable Distance	Actual Distance Shown on Plans	Req'd Distance Between Exits	Actual Distance Shown on Plans
Aprt. 201	2	2	250'-0"	151'-8"	55'-3 1/3"	164'-9 3/4"
Notes:						

	(A)	(B)		©		Exit Width (Inches)			
Use Group or Space Designation	Area = Sq. Ft.	Area per Occupant	Calculated Occupant Load = A/B	Egress per Occupant		Required Width = (A/B)xC		Actual Width	
				Stair	Level	Stair	Level	Stair	Level
Aprt. 201	2,543.30	200	13	0.3	0.2	3.9	2.6	4'	18'-4"
Notes:									