## HEALING THROUGH ARCHITECTURE

What is the ideal environment to help patients and their families battling cancer heal emotionally and physiologically through architecture and design?

Designers play an important and specific role in the design of health-related facilities. Specifically, for diseases such as cancer which has its own criteria within the field of health care design. Besides the physical equipment and correlating spaces required, there are psychological, emotional, and philosophical requirements. Designing environments for the care and treatment of people with cancer requires a holistic and sustainable approach, encompassing empathy, operational knowledge, and creative design thinking from the architects, interior designers, engineers, and client team (Schroer, 2014). Cancer is one of the most frightening and stress-inducing diagnoses a person can receive. By providing a space that can help in even the slightest would be beneficial to people battling cancer.

## WHAT AND WHY

- · The emphasis of my project is to focus on the emotional, mental, and spiritual wellbeing of patients with
- · This design must show that there is no specific right way to heal or treat someone. Every person is different and requires different needs.
- · I want to design something that is worthwhile and would lessen the weight on patients with cancers' shoulders.
- · Currently, this is a small niche in the architecture world and if something like this was designed and built, it would be the first of its kind in the U.S.

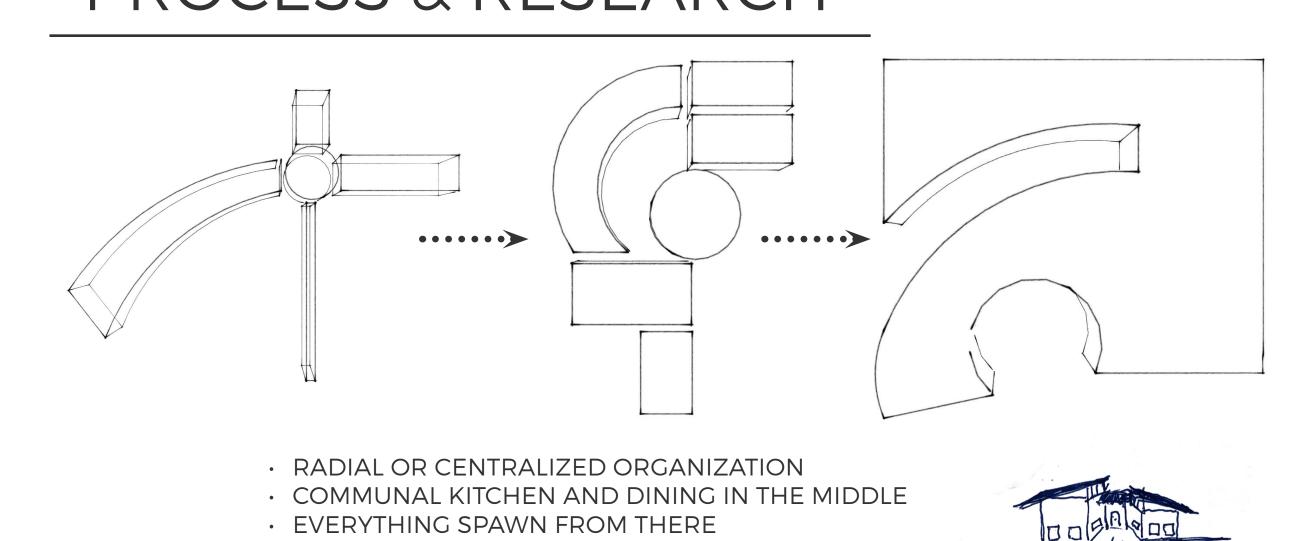








PROCESS & RESEARCH



4 MOST IMPORTANT ASPECTS:

CHOICE AND CONTROL

CENTER FOCUSED

PATIENT FOCUSED

· COLOR SCHEMES

VISUAL, ARTS, COLORS, SOUND

• DESIRED EMOTIONAL FEELING

• TEXTURES, NATURALS

FURNITURE, PHYSICAL ELEMENTS

· SMALL ELEMENTS

· LARGE ELEMENTS

SPACIAL LAYOUT

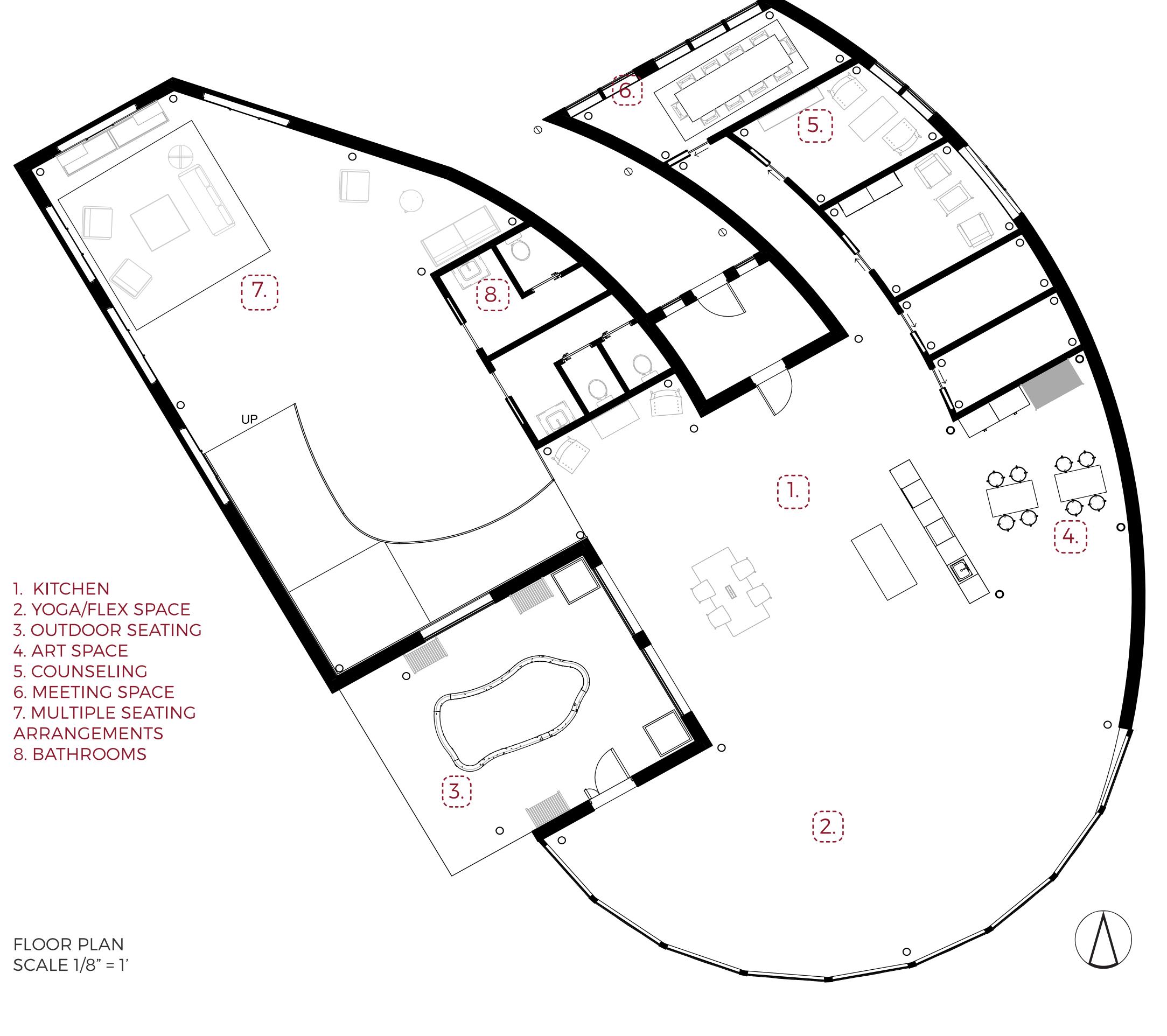
DESIGN ELEMENTS

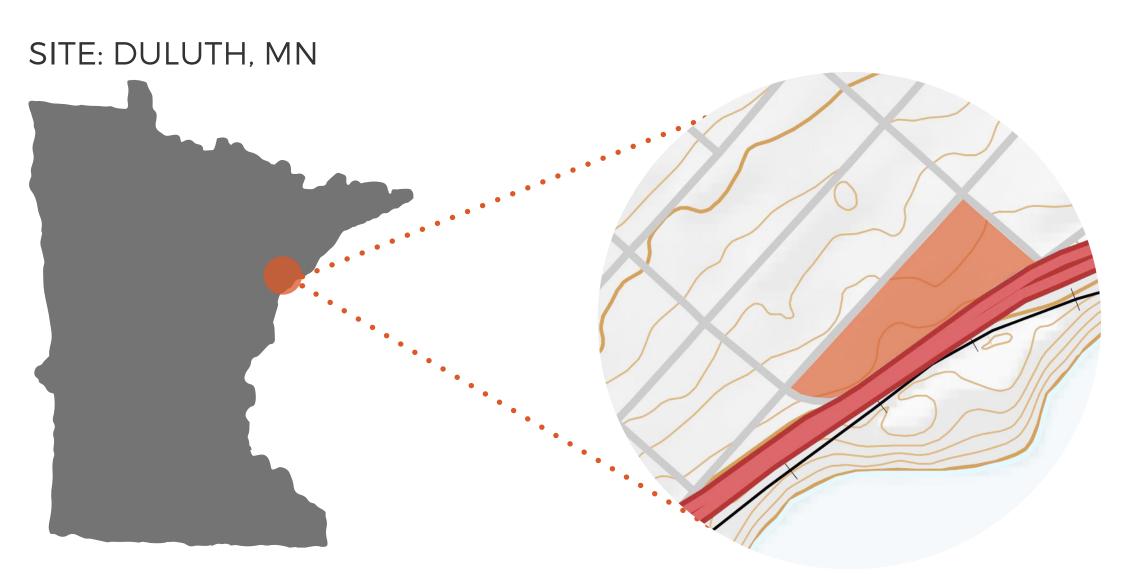
ARCHITECTURAL ELEMENTS

ADDITIONAL SERVICES

MOVEMENT CONFIGURATION







CITY: Duluth
STATE: Minnesota
ADDRESS: East Hillside, corner of S 12th Ave. E and London Rd.
COUNTY: St. Louis County
REGION: Arrowhead Region

STRENGTHS:
Within walking distance of two hospitals and a surgery center
Rose garden across the street
Close to grocery stores and pharmacies
Lake Superior is within walking distance with a great view of the

shoreWEAKNESSES:Right next to fairly heavy traffic flow (pedestrian and auto)

Right next to fairly heavy traffic flow (pedestrian and auto)Very small site

Not a very great view to the NE

This site was chosen for it's proximity to nature and other medical facilities. One of the key requirements of this project was that the site needed to be located in an area that had a larger population of people for the facility to be staffed and filled with patients. Another requirement was that there needed to be walking distance to a secluded landscape area or nature for the patients and staff to stroll through. The site is within walking distance to

multiple grocery stores, First Lutheran Church, a CVS and Walgreen's, St. Luke's Hospital, and the Duluth Rose Garden is right across the

## DESIGN DECISIONS

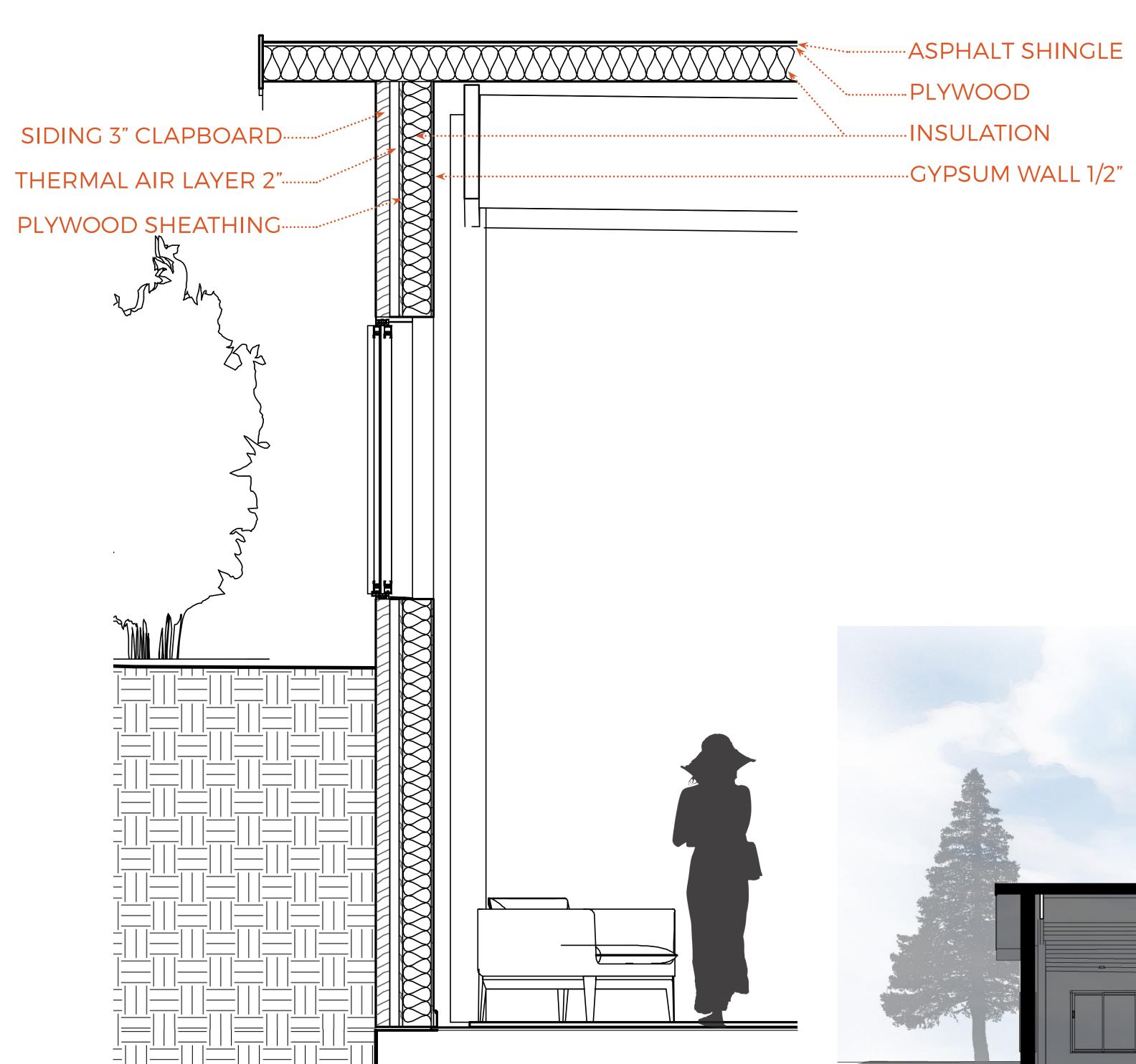


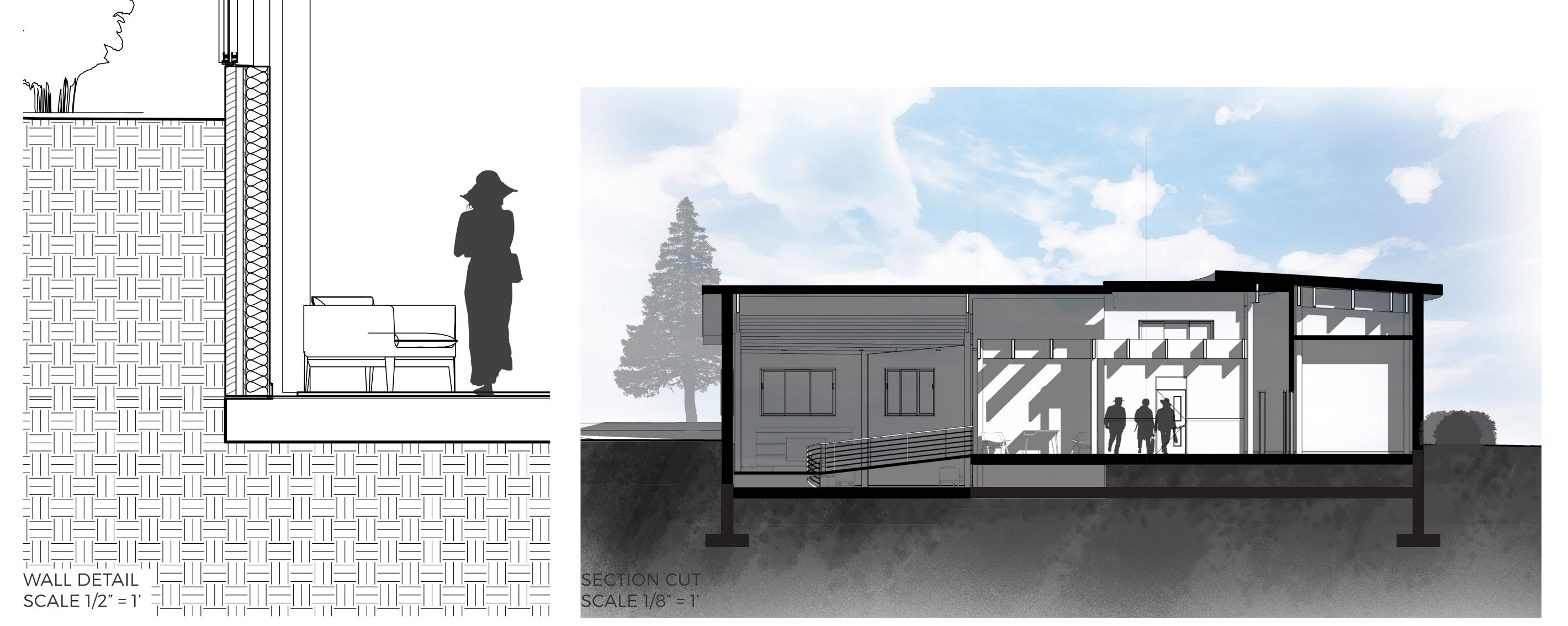
• Kitchen =  $\bigcirc$  of home

 Generally, people feel more secure in spaces with warm colors. Cooler colors give the perception of a more open space and are recommended in areas with limited access to natural light or in small spaces with low ceilings.

 Curved walls should be considered because corridors appear shorter if they have no visible end. They also appear more private and not as busy.

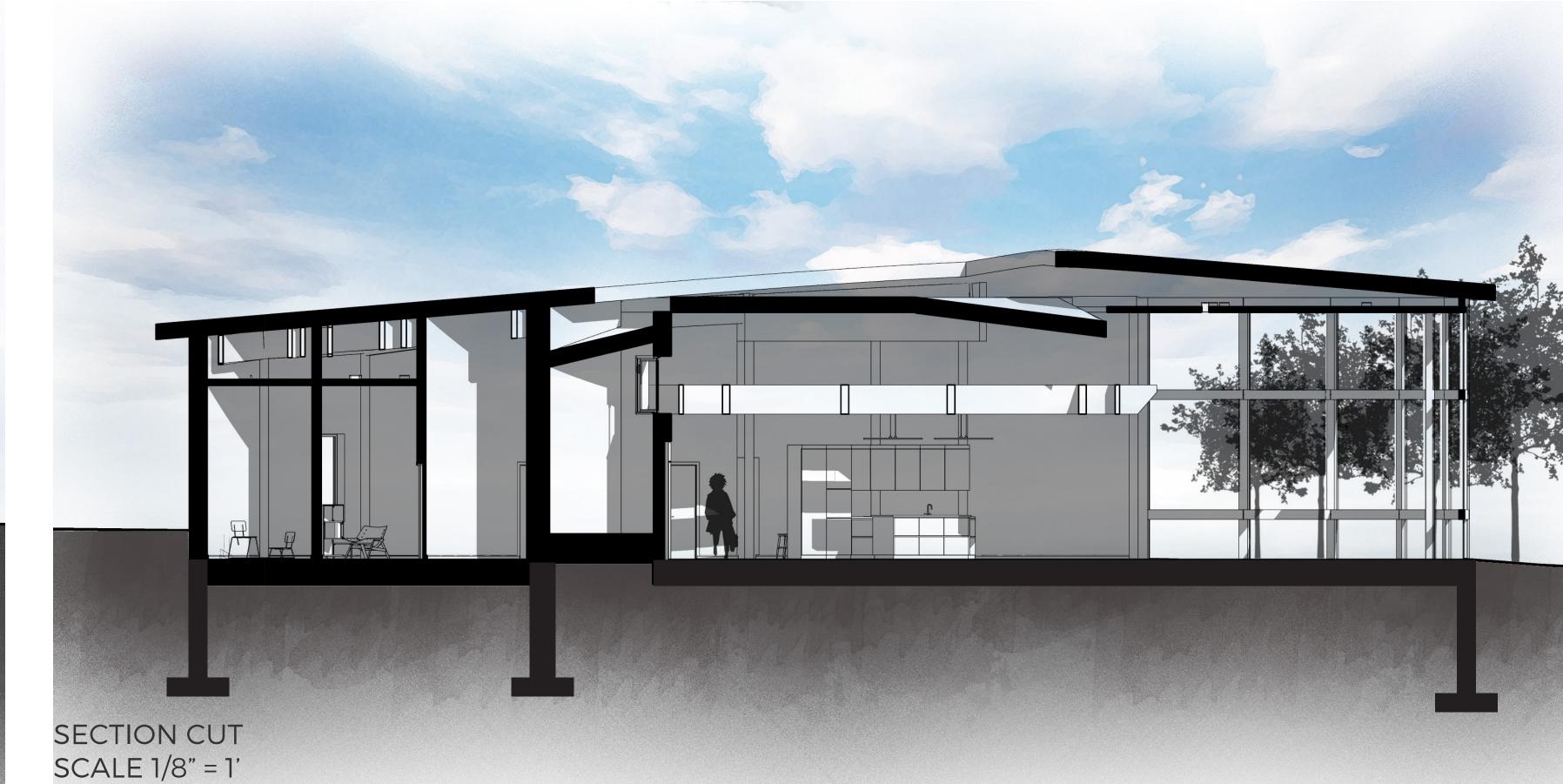
 Carpeted flooring is comfortable and inviting, but it can be hard for maintenance and wheelchair navigation. Carpet should only be used in the sitting area, and hard flooring should be used for the passages.





SOUTH ELEVATION

SCALE 1/8" = 1'



EAST ELEVATION

SCALE 1/8" = 1'