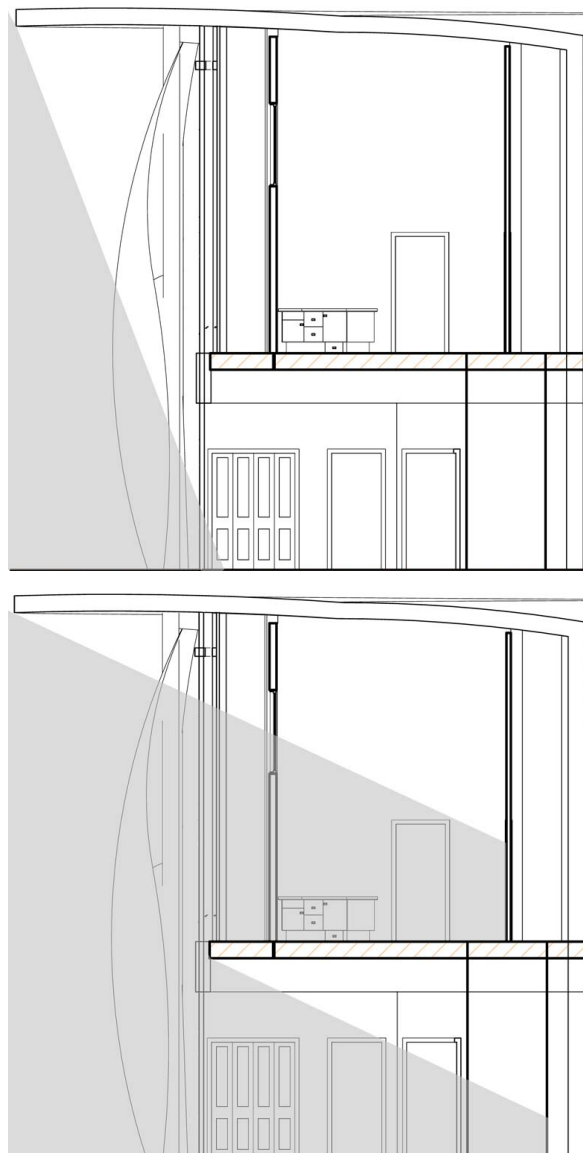


Hallmark Wellness

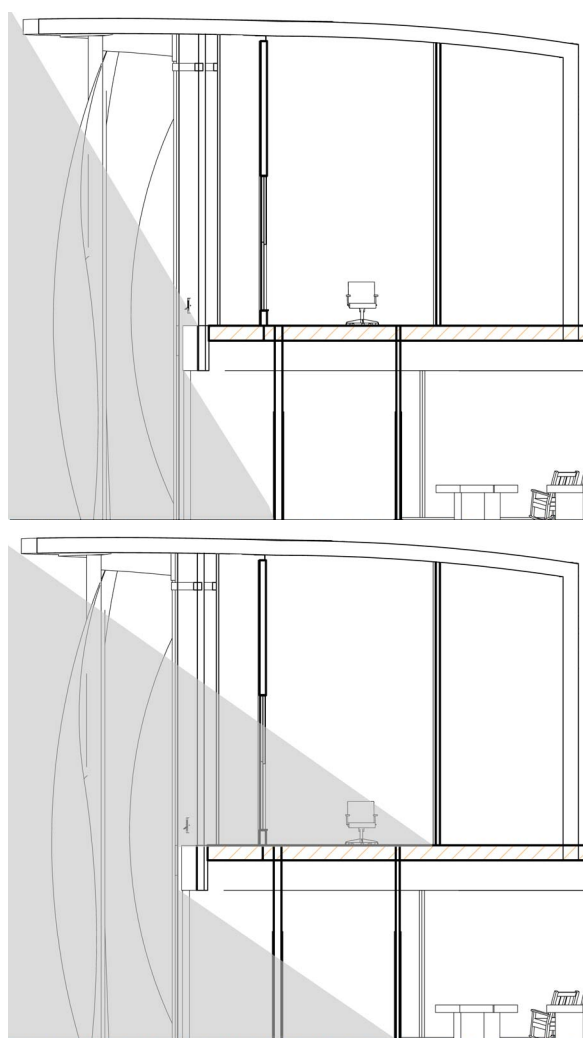
An enriched environment of quality light
for continuous medical care



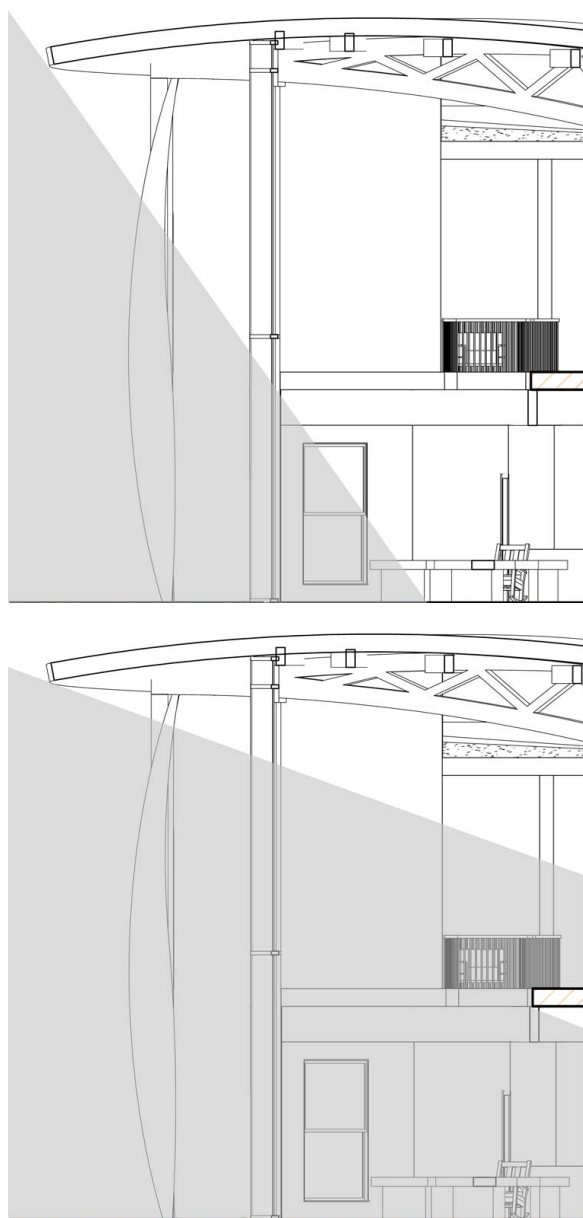
This center concentrates on providing community and continuous wellness for a neighborhood in Omaha, Nebraska. It is a place to facilitate patients recovering from life-changing illnesses with follow-up medical care and progress updates. A space needed for wellbeing is enhanced by penetrating light. Context and natural elements influenced the form and design of this place.



South



East

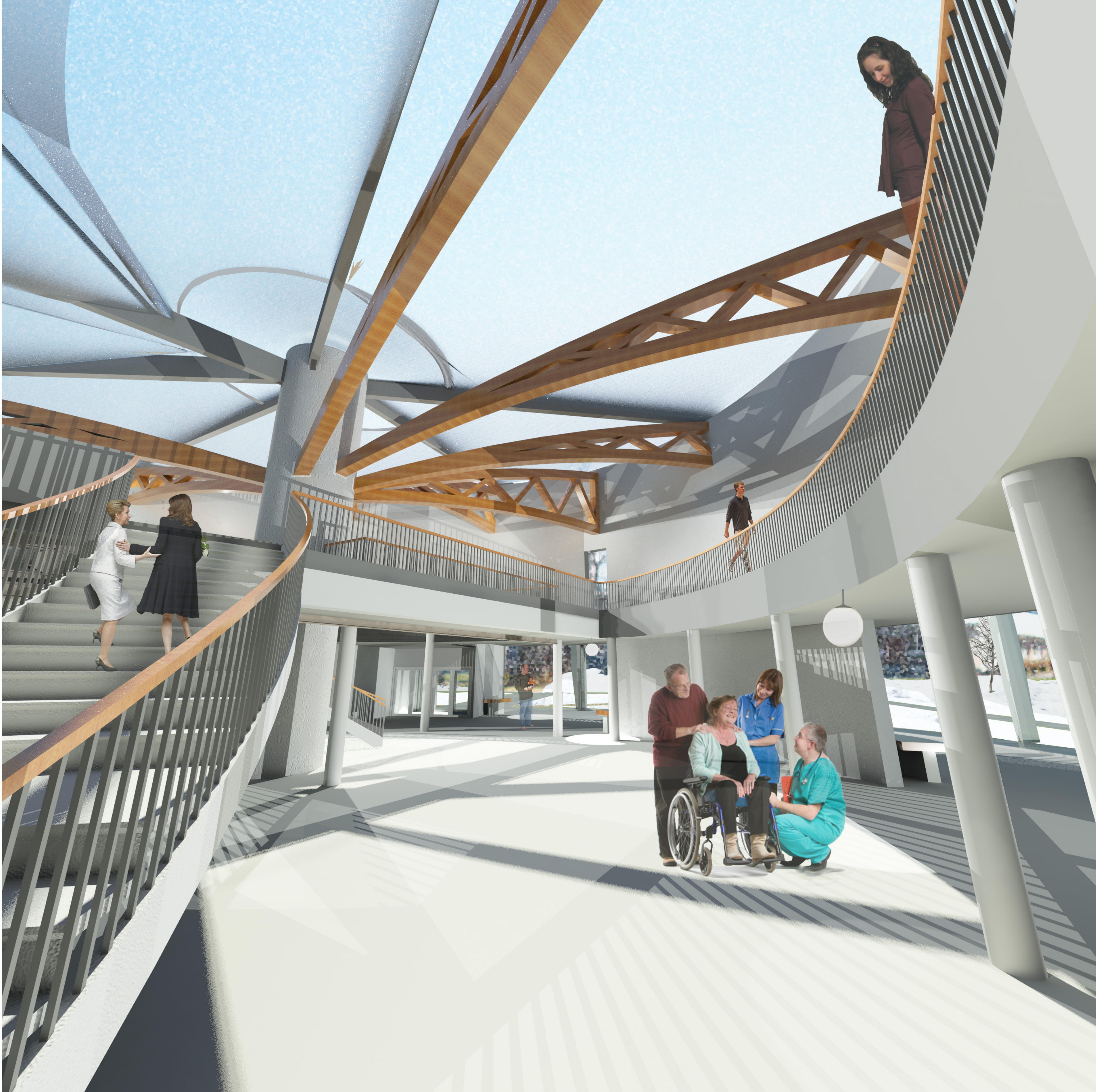


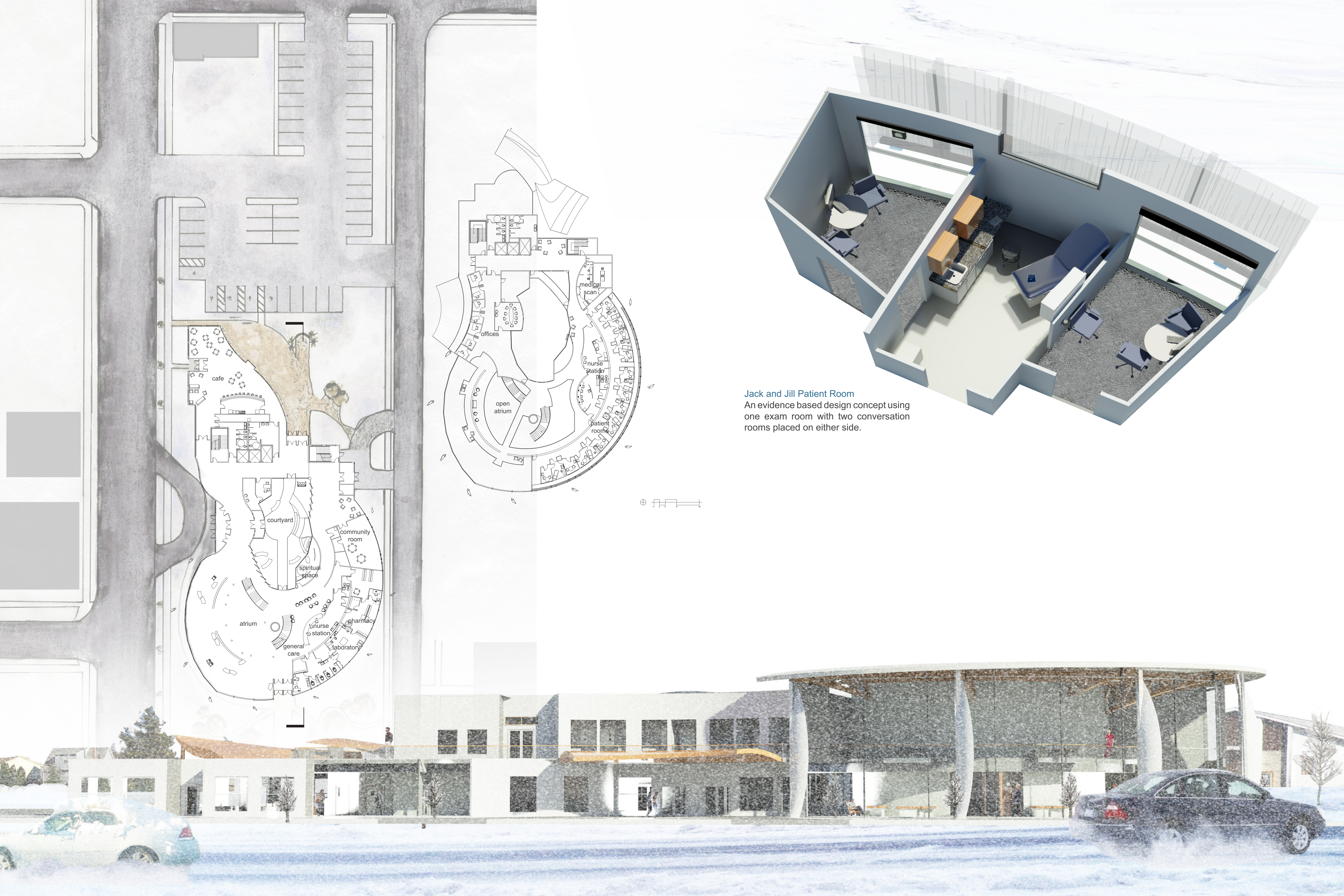
West

Sunlight Diagrams

Studying light to provide a comfortable environment and building necessary light during daily and seasonal change.

Light can alter the outcome of human well-being. High quality light projected into a space can positively influence wellness especially in healthcare facilities. This building was designed to create diverse spaces to direct light at each moment for all users.





Jack and Jill Patient Room
An evidence based design concept using
one exam room with two conversation
rooms placed on either side.



Shutter Windows

To promote natural ventilation a system of operable windows is integrated into the building.

Wall Section

The structure of the architectural concrete is reinforced with steel. Glue-laminated wood trusses are a secondary support to the roof curve and create a softer effect in the space.

Light Distribution

Generated daylight is dispersed throughout the building through various opening heights. In patient areas, windows are raised to retain privacy while bringing light into the space.

Air Movement

Natural ventilation flows through the designed angles and heights of the space.

Water Collection

Water is collected and filtered through a system that disperses it down through the landscaped water wall in the courtyard.

Green Roof

Space expands from the second level to a green roof for staff use and reduces the heat island effect of the building.





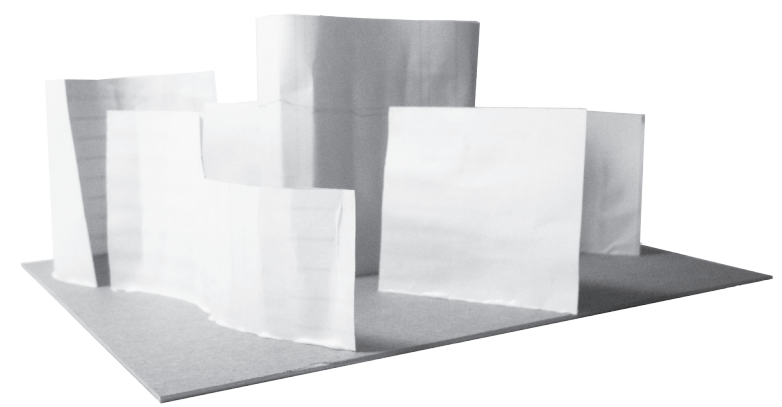
indirect light angles



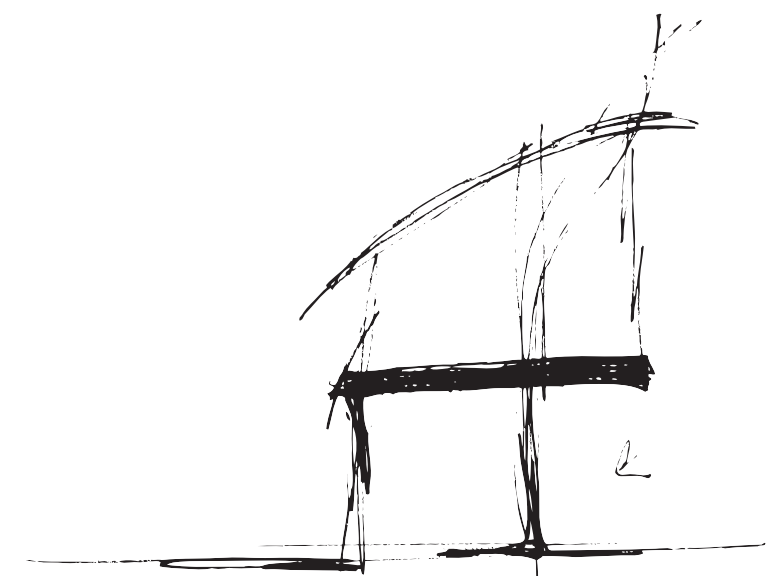
light distribution



filtering light through spaces



shadow space planning



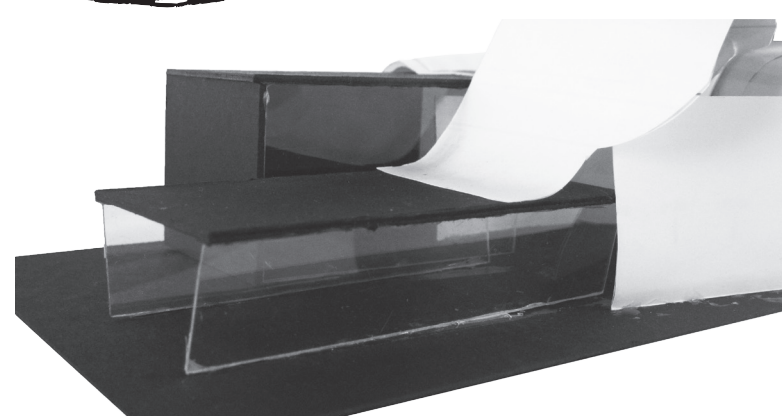
light flow



scale with space separations



form development from natural elements



form development by site elements

Kirsten Staloch
ARCH 772 Design Thesis
Spring Semester 2012
Bakr aly Ahmed
Autodesk Revit, Civil, AutoCAD, 3ds
Adobe CS4 Photoshop, Illustrator and InDesign

This is a place community can experience different forms and intensities of daylight throughout the building. The environment serves medical needs of recovery, but becomes a playground for many activities at different times of the year.



