

enjoy the views from multiple vantage points, and researchers and doctors can study and collaborate. As the structure climbs upward more of the exterior is revealed to the interior.

> The building also stemmed from the Isovist Theory on creating spaces where different amounts of area are visible to the eye.

ISOVIST THEORY TESTING

Exercise is an important part to rehabilitation after surgery. This building allows for multiple types of exercise to occur from low to high impact. The pool allows for less strenuous activities while the exercise room can be used for a more intense workout.

The campus uses a living machine approach to dispose wastewater. The system carries through the campus passing through treatment containers that lead to a garden area on site.

Although natural ventilation will be a main source of cooling another source of cooling another source of conditioning system. 8 units total

The patient units are designed to relate closely to current medical facility standards with subtle enhancements. Increased views and more of a focus on hospitality for patients and their guests allows healing to occur. Placing the units in two smaller clusters creates layers of privacy as units do not directly face one another allowing for more patient control.

Throughout the research center different systems are taken advantage of. The buildings are placed with the natural landscape in mind. Most buildings are located below the highest point on the site to protect from the north prevailing wind in the winter months and capture the natural airflow from the south in the warmer months.

12 units total

SUPPLEMENTAL COOLING

The first structure that greets people is the gather/information building. This space is utilized for patient registration and teaching the general public about biophilia and the current research that has been collected.

Daylighting is an important aspect to the design of the buildings around the campus. By creating a light shelf, light can penetrate farther into a building.

Geothermal energy plays a key role to the campus as it distributes heat.
The pipeline lies under the walking paths and travels counter-clockwise around the site finally ending back at the parking area.

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