

DIAPHA NOUS

(N) LIGHT



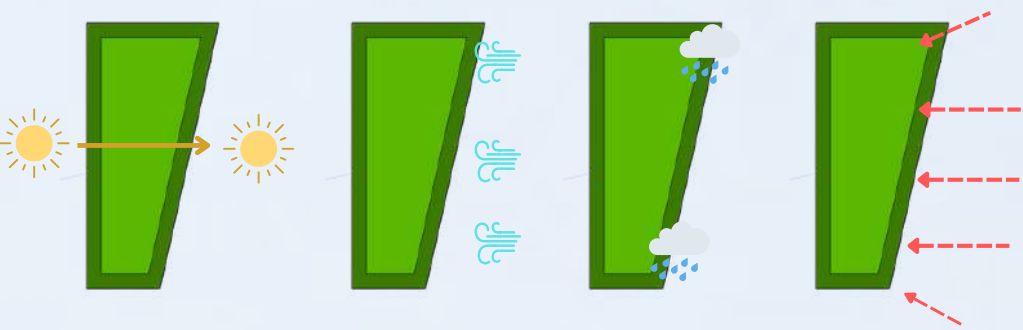
**CAPILANO
UNIVERSITY**
2055 PURCELL WAY,
NORTH VANCOUVER,
BC V7J 3H5, CANADA

COMPETITION GOALS

Changing the concept of the library which was originally just a quiet place to read books to become a futuristic place and a new learning place that can carry out various fun, creative, collaborative, connection activities and be able to become a new learning center.

SITE ANALYSIS

Capilano University is a teaching-focused public university based in North Vancouver, British Columbia, Canada, located in a natural forest setting on the slopes of the North Shore Mountains, with programs also serving the Sea-to-Sky Corridor and the Sunshine Coast. Capilano university plans to increase student capacity from 8000 to 16000








DESIGN VISION

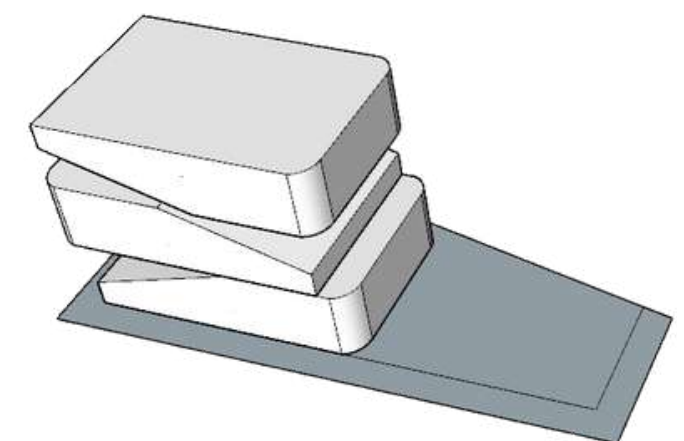
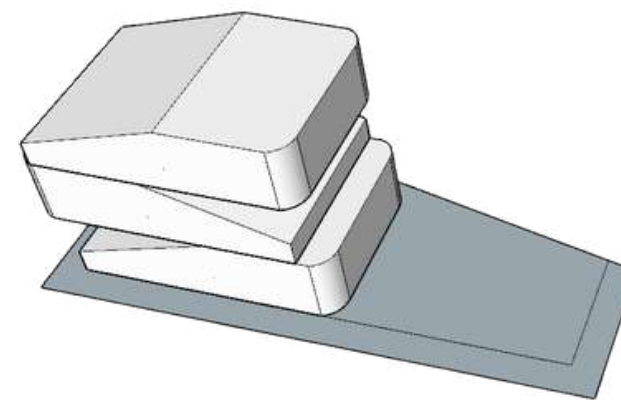
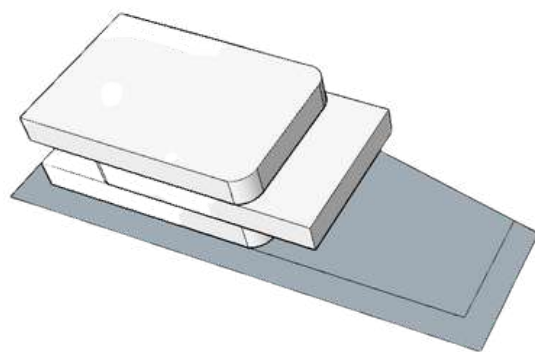
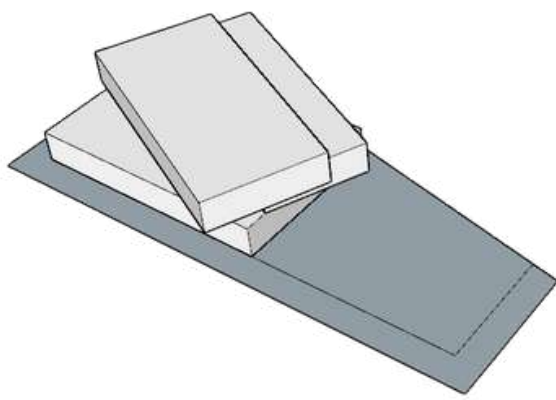
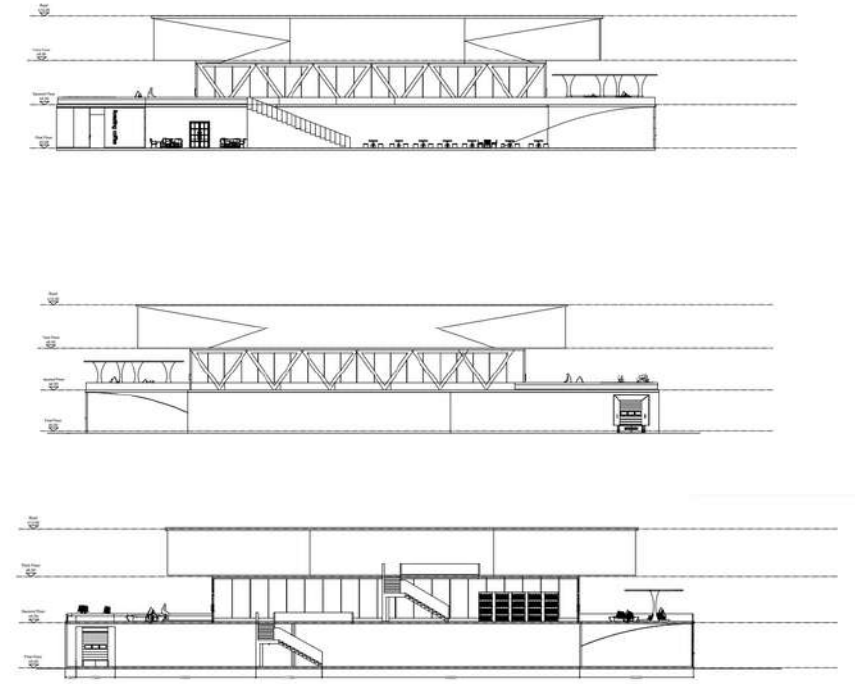
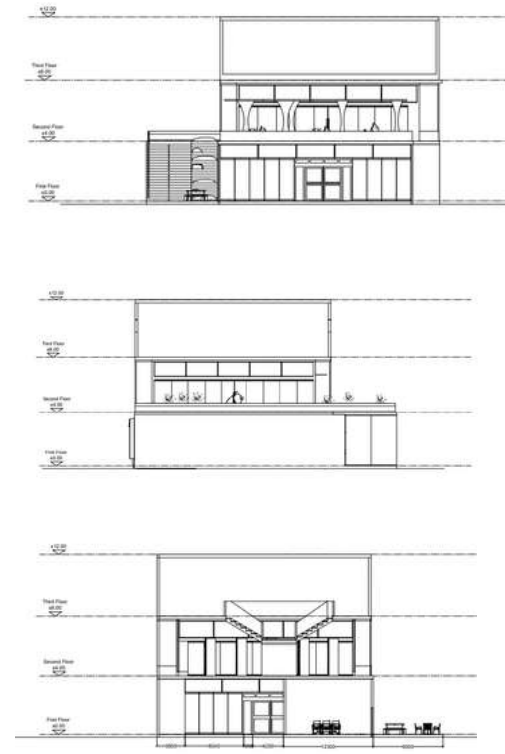
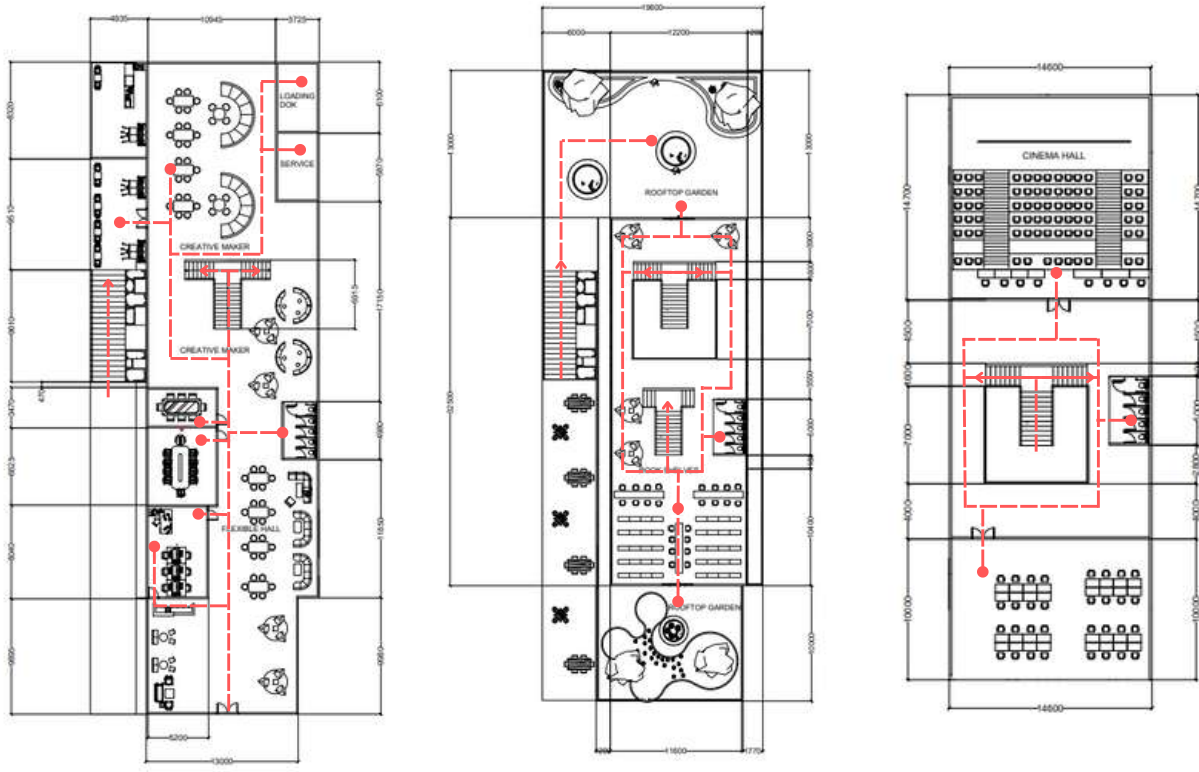
designing a library building that adopts a futuristic concept and provides various facilities that can help visitors or students to develop creativity and expand connections between fellow university students.

PROBLEM STATEMENT

'Creating a library design that will be used in 2030, with a futuristic design concept & adapting technological developments with the aim of being able to facilitate future generations of young people to carry out various types of activities, seek knowledge & information, as well as become a forum for socializing for students library users.'

-  Matahari terbit di timur dan terbenam di barat
-  Vancouver mengalami beberapa variasi musiman dalam hujan salju bulanan.
-  Arah angin pada area site berasal dari arah Timur ke Barat.
-  Arah hujan berasal dari arah selatan dan timur.
-  kelembaban pada area site berasal dari vegetasi yang berasal di belakang site dan juga berasal dari angin yang berhembus di sekitar site.





GREEN ROOF TECHNOLOGY

A green roof system is an extension of an existing roof that involves, at a minimum, high quality waterproofing, a root repellent system, a drainage system, filter cloth, a light growing medium, and plants.

BENEFITS OF GREEN ROOF TECHNOLOGY

Green roofs offer many public, private, and design-based benefits.

