

NATURE INSPIRED YOUTH CENTRE

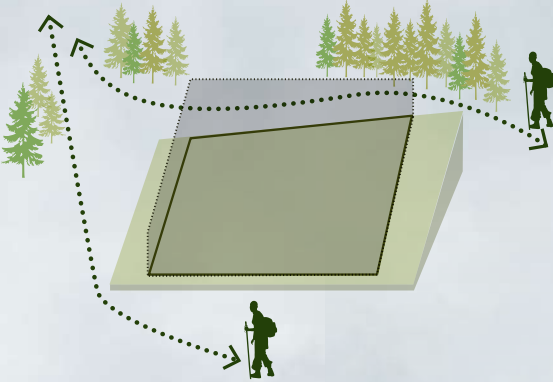
Coquitlam City, Canada

The Youth Centre aims to reconnect our living with nature and to inspire positive habit and thinking to young person, so that they can contribute to the society in future. Knowing that confidence is important in a successful adulthood, and everyone should understand and appreciate their strength and personality. Hence, the Centre are divided into four Activities Hubs based on the DISC personality types (Dominance, Influence, Steadiness, Conscientiousness). Each of them are assigned with a unique activity to match with their personality. Activities are also nature related to build up green living habit for our next generation.

The site is located at the edge of a forest next to two walking trails. The design blends into nature with a green roof. It minimises noise impact to the wildlife habitat by locating the main floor at basement level. It responds to the nature by pairing up Activities Hub with courtyards and reconnects the walking trails to encourage people to explore the forest.

SITE CONDITION

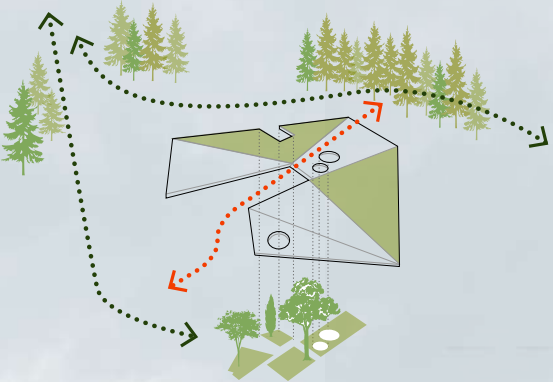
The site is on a slop, surrounded by two walking trails.



SITE RESPONSE

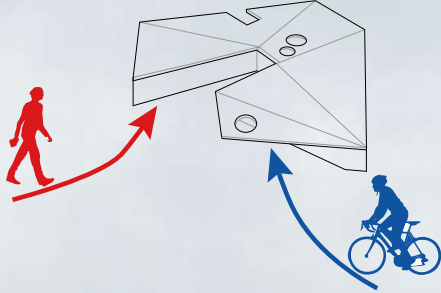
The Centre creates a path to reconnect two walking trails.

Proposed new path brings nature from ground level to the basement courtyard of the Centre.



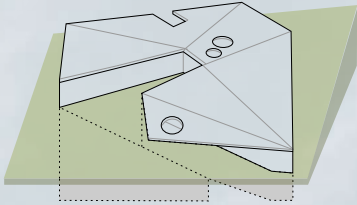
ACCESS

Separated pedestrian and bike entrances are proposed for safety reason.



NOISE CONTROL

Main activities take place at the basement to reduce noise level impacting wildlife habitat.



ACTIVITIES

Choices of activities are selected based on the DISC personality typologies and green living.



Urban Farming

Reading (Steadiness)

Yoga & Meditation (Influence)

Cycling and Bike Repairing (Conscientiousness)

Rock Climbing (Dominance)



1: 1000 Site Plan

- 1 Entrance Plaza
- 2 Rooftop Farming
- 3 Outdoor Seating



Entrance Plaza

Multipurpose Winter Garden and Courtyard

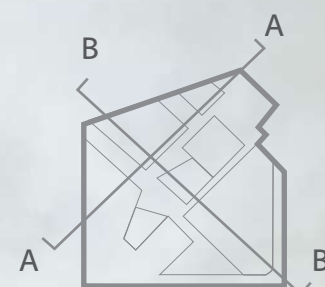


1:500 Ground Floor Plan



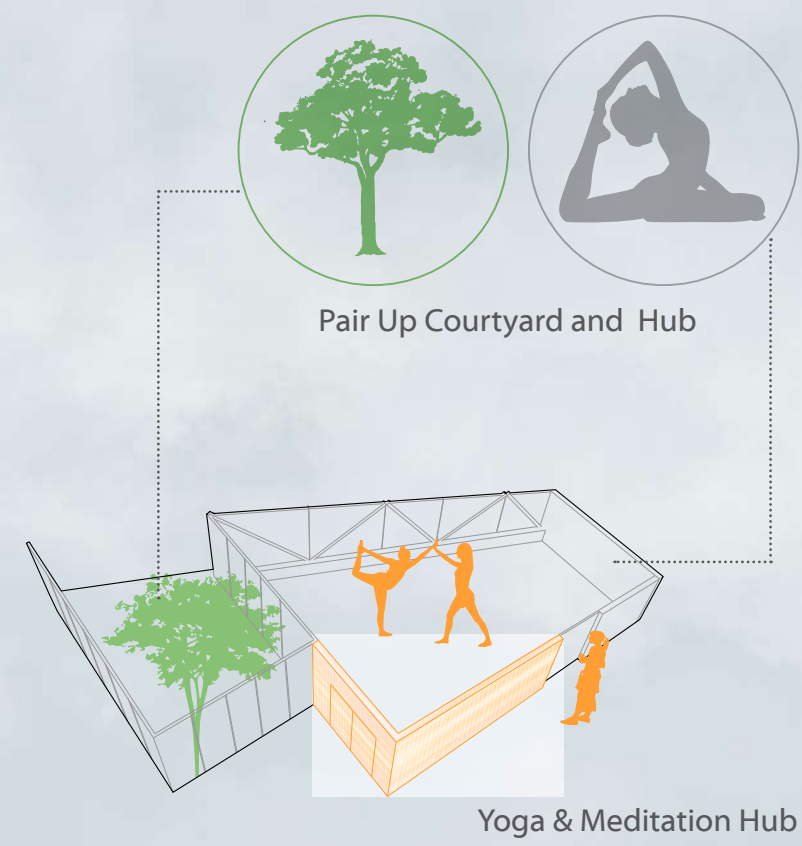
1:500 Basement Floor Plan

- 1 Entrance Plaza
- 2 Rooftop Farming
- 3 Outdoor Seating
- 4 Reception
- 5 Cafe
- 6 Bike Entrance
- 7 Yoga & Meditation Hub
- 8 Reading Hub
- 9 Bike Parking
- 10 Bike Repairing Hub
- 11 Rock Climbing Hub
- 12 Multipurpose Winter Garden
- 13 Courtyards



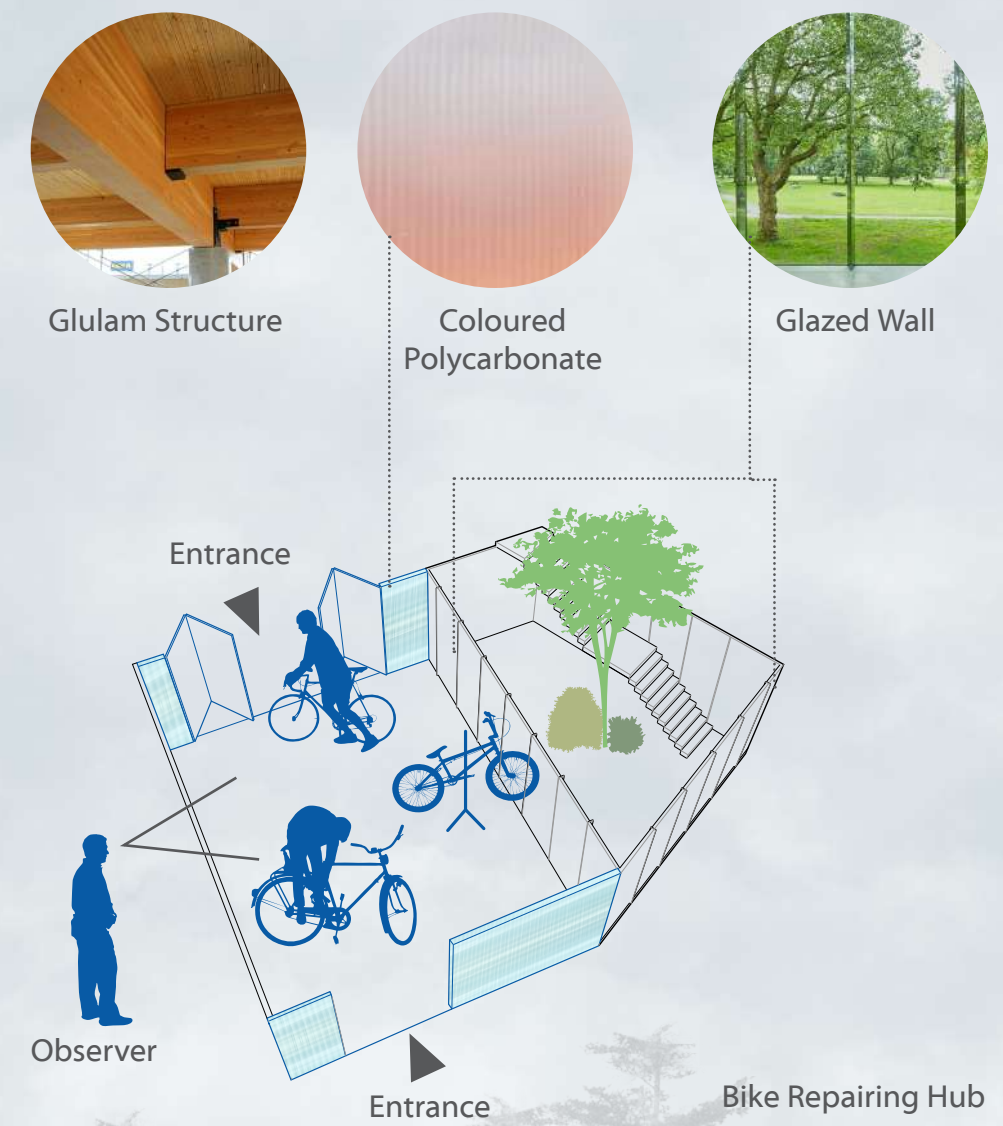
COURTYARDS

Activity Hub pairs up a courtyard to create a relax and calm environment. Sunken courtyards light up the basement and bring the external forest to the building.



MATERIAL

The building is constructed with glulam timber structure and glazed boxes to house the activities. Glazed boxes allow activities to be viewed outdoor and inspire the observers. Coloured polycarbonate panels is introduced to create privacy while lighting up the corridors. Each Hub has a representative colour. The coloured polycarbonate panel to the entrance helps visitors to orientate themselves.



1:150 Section A - A



1:150 Long Section B - B