

Urban Masterplan - GREEN DUCT

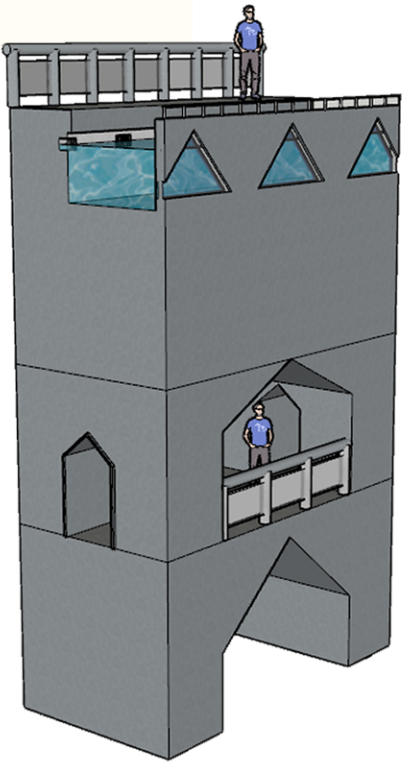
I insist on building my aqueduct up to a height of about 12.5m because it can provide a good and different view of SG. At the various green docks there will be a lift for passengers to get off the structure and from the stop, they can walk and explore Singapore's natural reserves and parks. Allowing vistsors to learn about the ecosystem and biodiversity through these greens.

Target Audience

- » **Family** = Something like a family day where they can connect and create strong bonds. They can spend quality time catching up to do what they could not do as a family in the weekdays as everyone is busy.
- » **Community in SG** = Creating a strong community with a goal of making SG into a green city.
- » **Tourist** = This place can allow tourist to experience SG through a slow-paced route, while viewing her from a different perspective as it passes throught parks and common landmarks in SG.

Materiality

I want to use modern materials to get rid of the european essense to the structure. The materials that will be used is a 100mm thick acrylic, concrete and iron.



New Relocated Ports -
Planned by Government

Present Greens:

- Major Greens/Nature Reserves
- Neighbourhood Parks
- Private Greens/ Golf Course
- The Greater Southern Waterfront

Present PCNs:

- Southern Ridge Loop
- Eastern Coastal Loop

Upcoming Plans:

- Round Island Route
- New Green Space (Sentosa-Brani Master Plan)
- Extension of Residential and CBD Areas
- Port Relocation

Proposed:

- Green Docks @The Pinnacle, Duxton
- Green Docks
- Boat Entry
- Aqueduct Routes
- New Proposed Green
- New Ecolink Walking Paths

How do they move around?

1. They can walk along the structure or run/jog if they want a more intense activity. Walking can also be an exercise but of lower intensity, it is a good start for people who do not normally exercise or cannot do high intensity exercise. This activity is recommended to families and exercise communities as a social event to increase their bond with each other and improve their health.
2. Riding a raft or a kayak. A sport and a mode of transport to promote exercising in a fun way and to allow the passengers to slowly take their time to enjoy what nature has to offer from a different perspective.
3. The vistsors enter the aqueduct by going up a lift at the various green docks. However, there only 2 stops where they can gain access to boats (rent) and ride on them. There is 1 stop at Pulau Brani and another at Kallang. They can load the boats up the aqueduct by using a boat lift.

What do they wear?

Preferably they should wear a light outfit.
Best to not wear any skirts or dress.
Be prepared for rainy weather.
They are not allowed to enter the water. Water used is collected rain water.

Purpose of Greens?

- » To recover the greens lost through industrialisation and modernisation.
- » Connect the green to the waterfront
- » Improving green city plan
- » Increase the green lungs of Singapore.
- » Helps to lead us to becoming a more sustainable environment.
- » Being surrounded by greens can help one to improve their mental health.
- » It encourages us to exercise.
- » Decreases stress.

What is the purpose of the aqueduct?

Helps to connect the new and old greens through a slow-paced transportation in a fast-paced country. It leads towards the southern waterfront and connects it to the pinnacle, central of SG (Busy area), natural reserves and parks, famous landmarks in SG and Sentosa.

