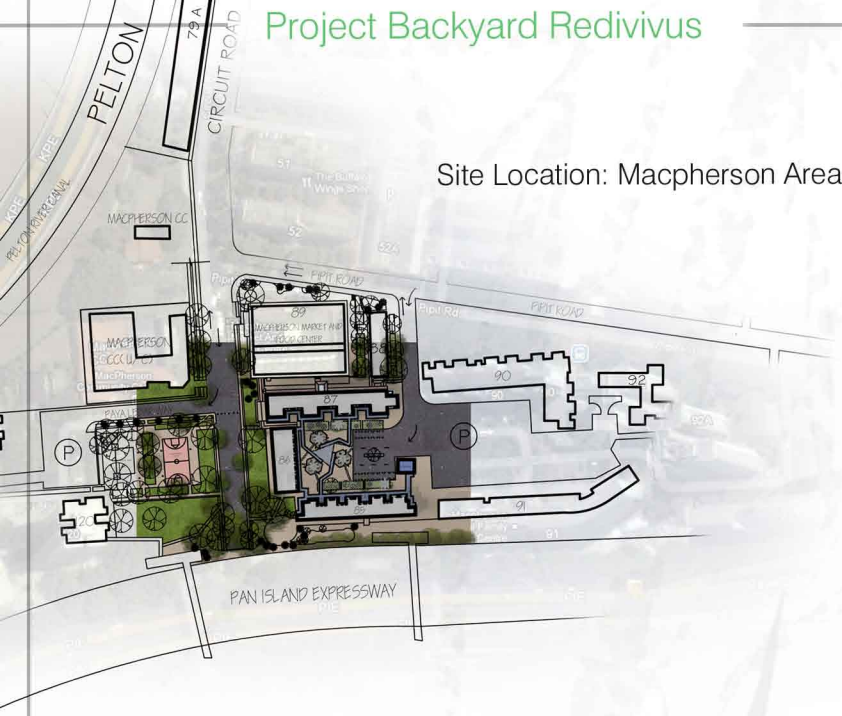
Site Location: Macpherson Area 3, along Pipit Road



Site Documentation

Site Issues

1. Lack Of Shelter — Human circulation happens mostly at the front facade of the estate - thus the lack of shelter at the back.

2. Backyard Blockage — Access materials placed at the back entrance poses a huge safety threat is case of emergencies such as fire hazards.

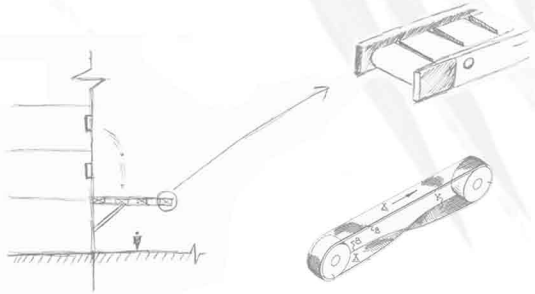
3. Unslightly Planting — Taking things into their own hand, residents plant freely, degrading the environment.

4. Litter Issue — Litter, litter everywhere - especially with high rise being an adamant issue.

Design Objective

To design & recreate a facelift for the backyard facade towards a sustainable neighbourhood, at the same time promoting recycling & safety.

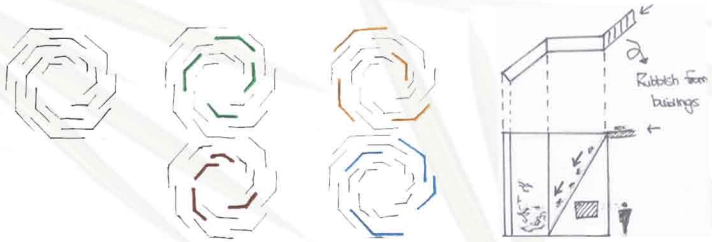
Design Concept 1



Kick starting the ideation process was the idea of a shelter cum waste chanelling integrated system that will channel waste (high rise litter) to the refuse chute.

Not only does this save manpower, atop that it helps prevents accidents from illegal high rise littering.

Design Concept 2

Design Concept 3

Following the previous development was the the implementation of design concept to the abstracted form.