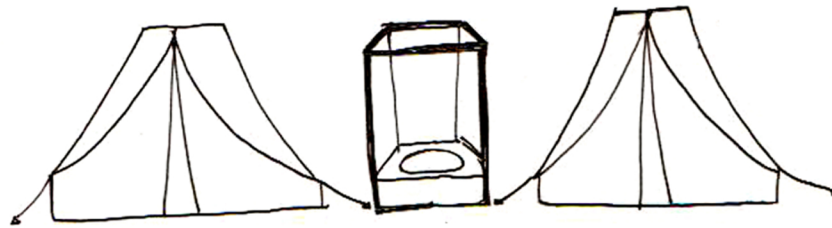

CONCEPT

PLACEMENT



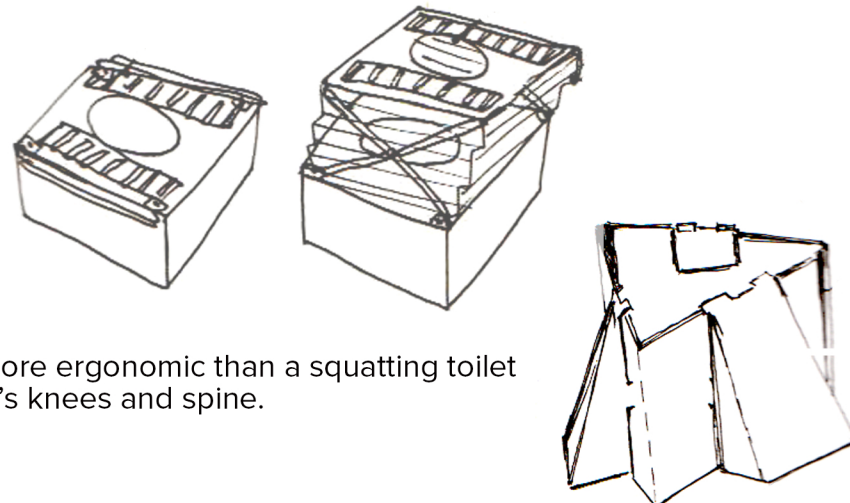
we envisioned the toilet to be shared among 2 families in the refugee camp. with each toilet made of a more permanent material, providing an excess of fifty thousand units would prove to be unfeasible due to legislative issues and monetary concerns.



hence, to alleviate overcrowded toilets in the camp, a more temporal but effective solution should be provided to every household. by making the toilet out of a readily available material - cardboard, it can be easily implemented to help assuage the worries of the refugees.

ERGONOMICS

our toilet unit should be comfortable for the refugees. by taking into consideration local washroom practices, we decided between squat and seating toilets and decided chose the latter due to hygiene and functionality.

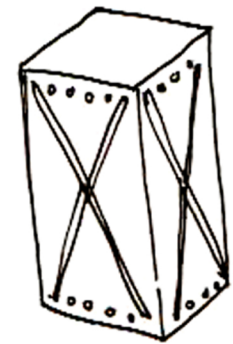


a seating toilet would also be more ergonomic than a squatting toilet by taking the stress off the user's knees and spine.

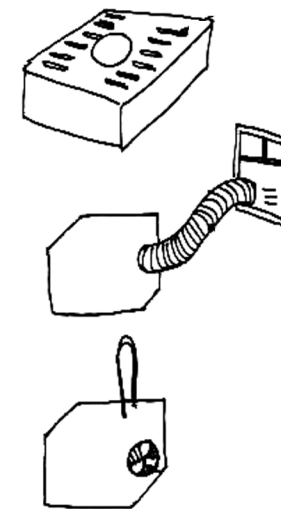
PRIVACY

privacy is of utmost importance when dealing with the delicate issue of defecation. hence, it is paramount that we incorporated some sense of concealment of the user in the toilet.

our initial designs used a veil or curtained system where the user had to crank it up before using the toilet whereas other designs were sturdier and ventured towards the conventional portable toilets of today but after we decided to supply every household with one toilet unit, this was unnecessary since the toilet would be situated in each family's dwelling.



VENTILATION



in order to eliminate foul odour and harmful bacteria, ventilation is key. our initial designs made use of a hand operated crank fan to dissipate smell.

other more permanent designs included a pump to flush out harmful bacteria and odour, but that proved too costly to be effective.