



The Site

The King George Square is a public and open space that accommodates the changing aspects of the urban events and lifestyle of Brisbane city. Surrounded by both historical and modern structures, its location and openness brings numerous opportunities to develop the urban culture of the city.

Disadvantages

Although the site has a lot of available space for pedestrian movements, there is a need to provide further seating and covered areas due to the sun intensity and lack of seating during large community events. The lack of shaded areas can result into excessive heat and the smooth stone paving can create glare at particular times of the day.



KING GEORGE SQUARE
ANN ST, BRISBANE CITY QLD 4000

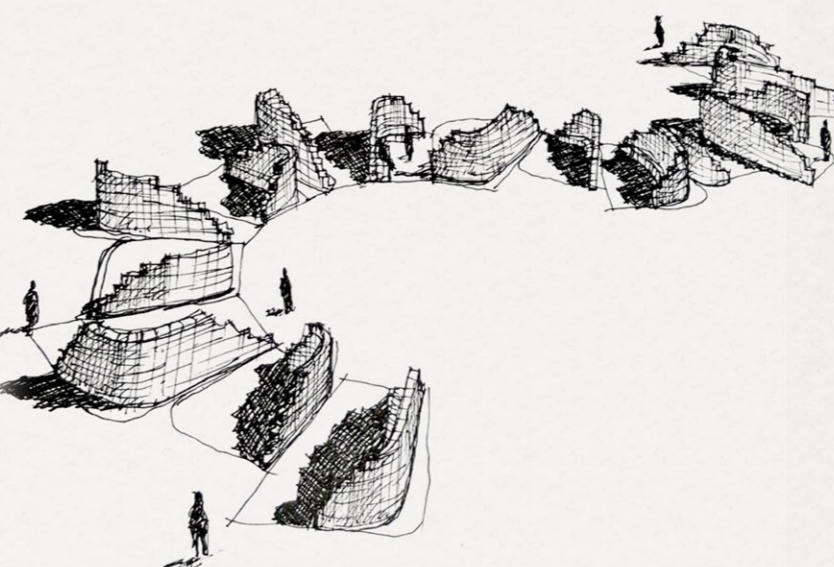
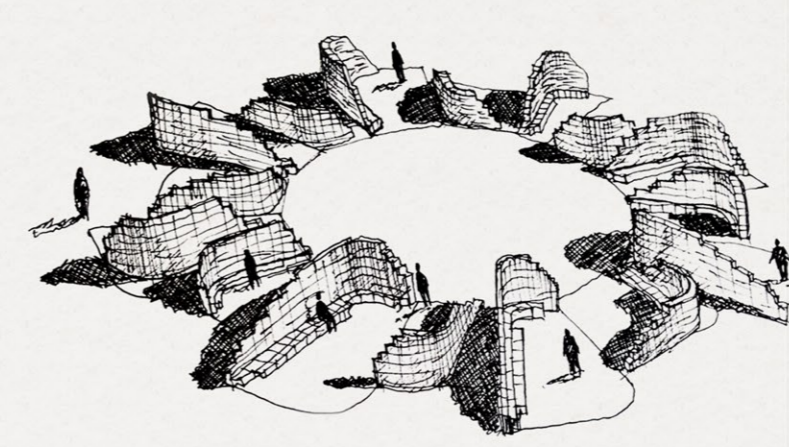
URBAN INTERVENTION
DESIGN PROPOSAL

Project Summary

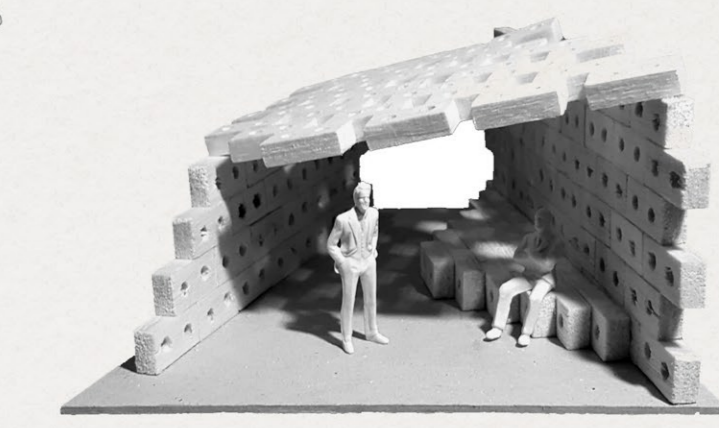
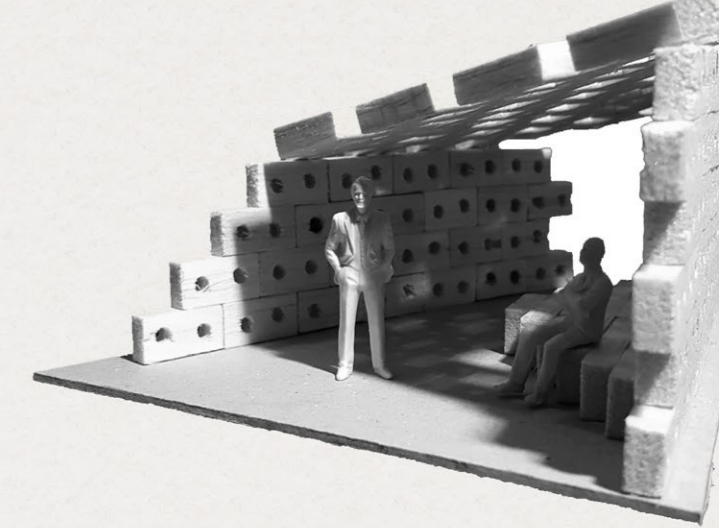
The project consists of a simple set of small-scale temporary structures with components that are relatively lightweight, low-cost, can be easily assembled and transported. It features two spatial formations in which the structures can be utilised to adapt to the current climate or respond to the current happenings on the site such as the yearly cultural festival. However, this urban intervention can also serve as a social platform for people to freely use for casual gatherings, rest stops or have a module for street performance or a market stall.

Concept

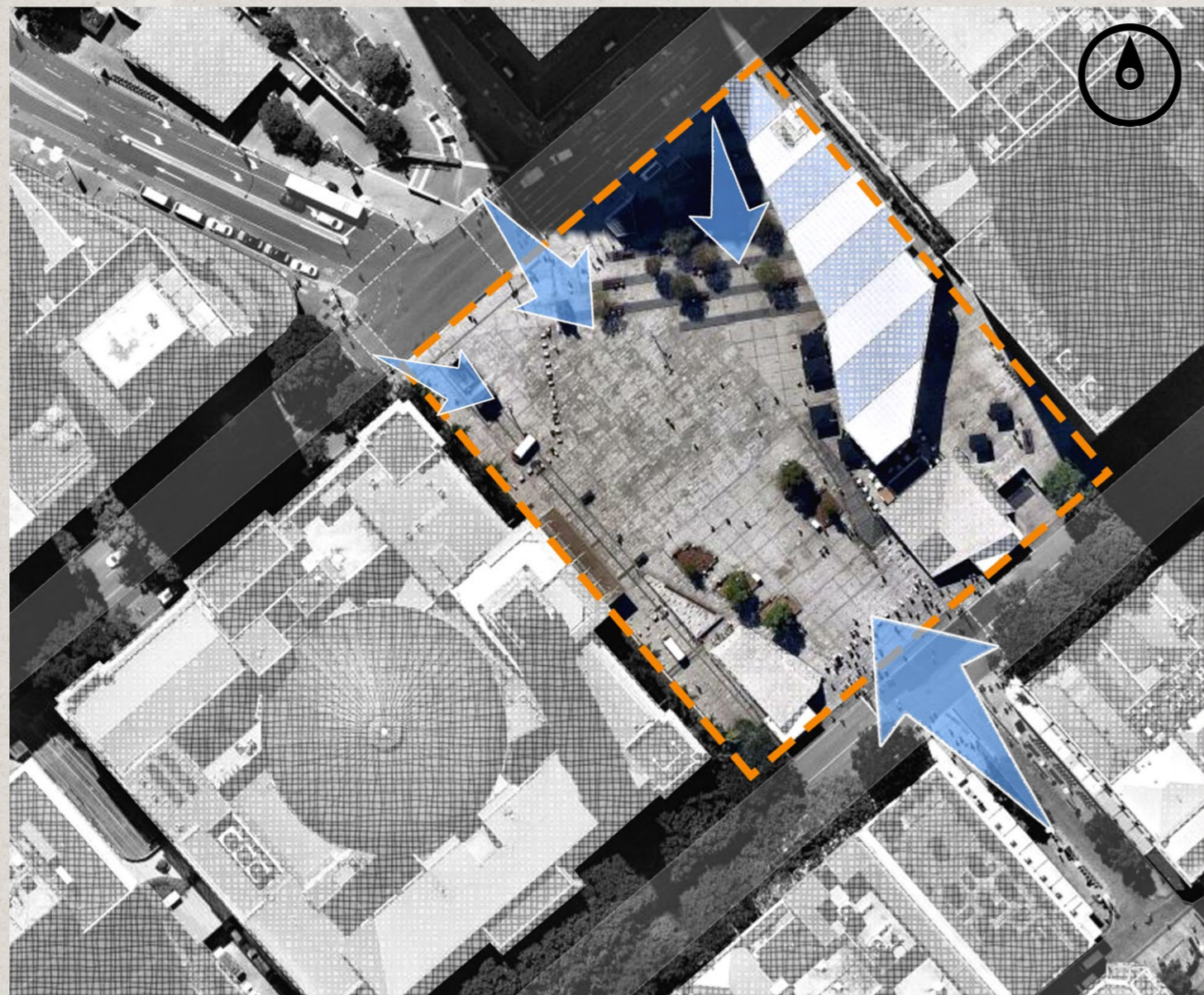
The idea was inspired by the dynamics of transition on how quickly happenings unfold within the urban setting. Therefore, the ideas of 'transition' such as modular components, temporary structures are the ideal characteristics integrate for the proposal and in order to address the current needs of the site.



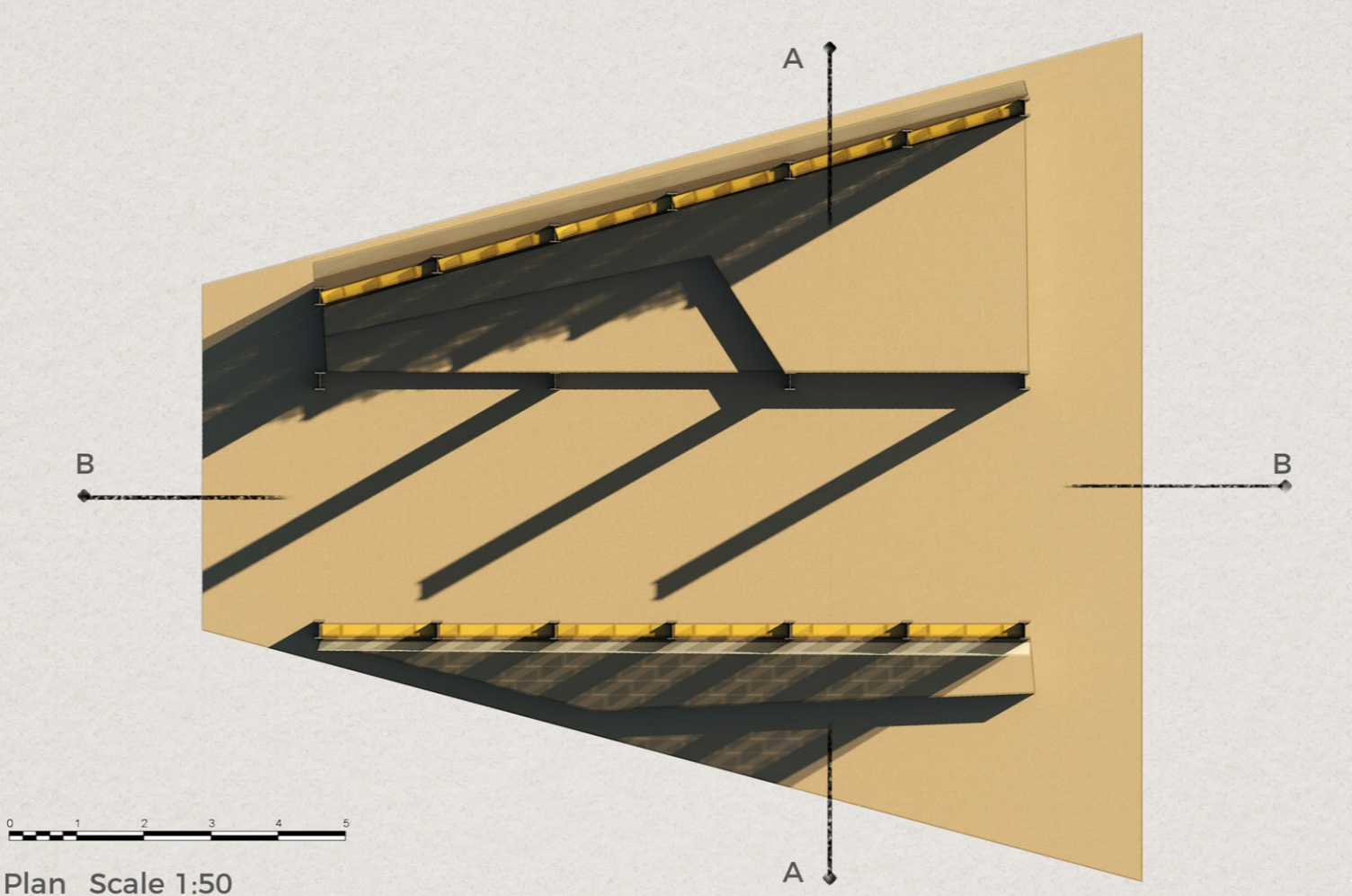
Sketch Design



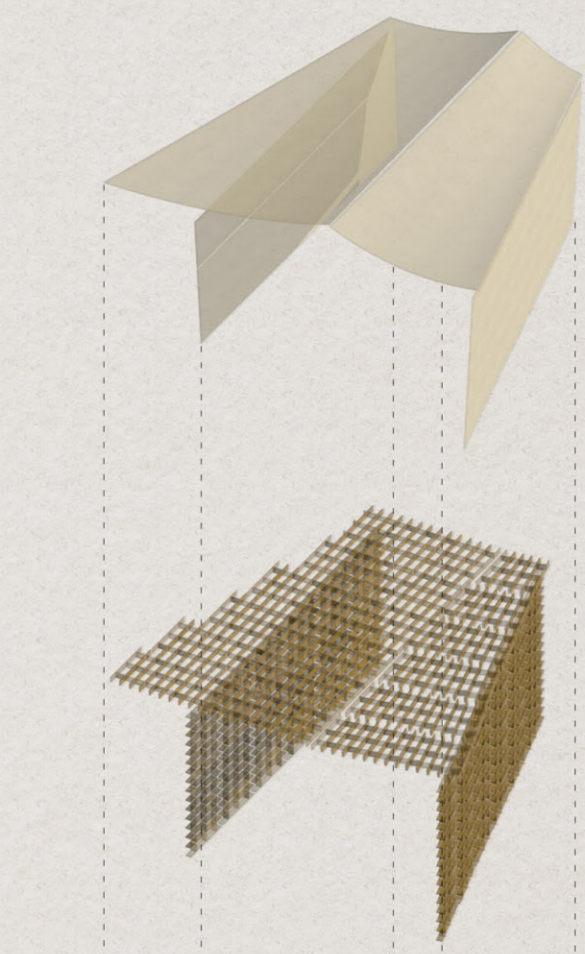
Conceptual Model



Location and Diagram of Pedestrian Movements to the Site



Plan Scale 1:50



Polyester Roof Fabric



Polycarbonate Plastic



Galvanised Steel

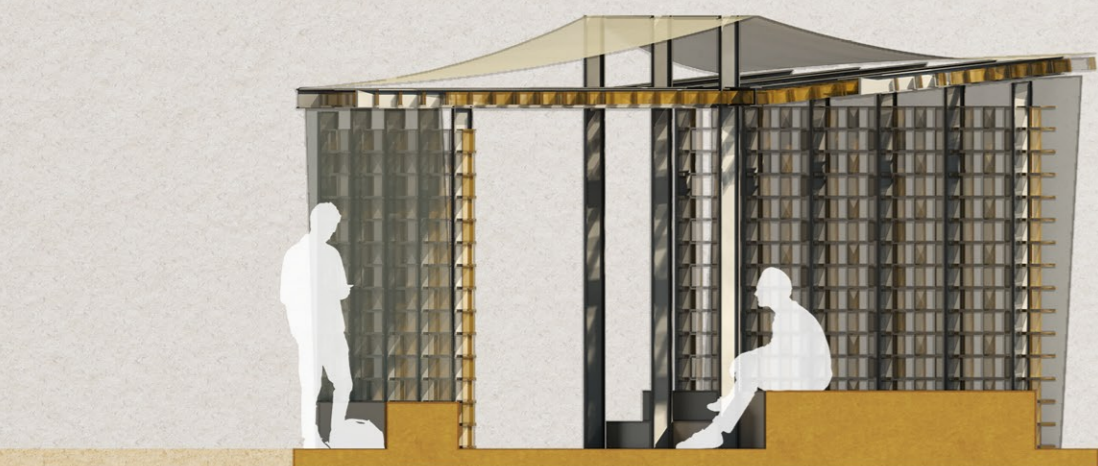


Composite Fibre - Structural Plastic

The materials to be used are mainly plastics in which the components such as the Polycarbonate (PC) blockwork is lightweight, rigid, opaque and fully recyclable.

The other components can also be deconstructed and re-used or recycled for other functions.

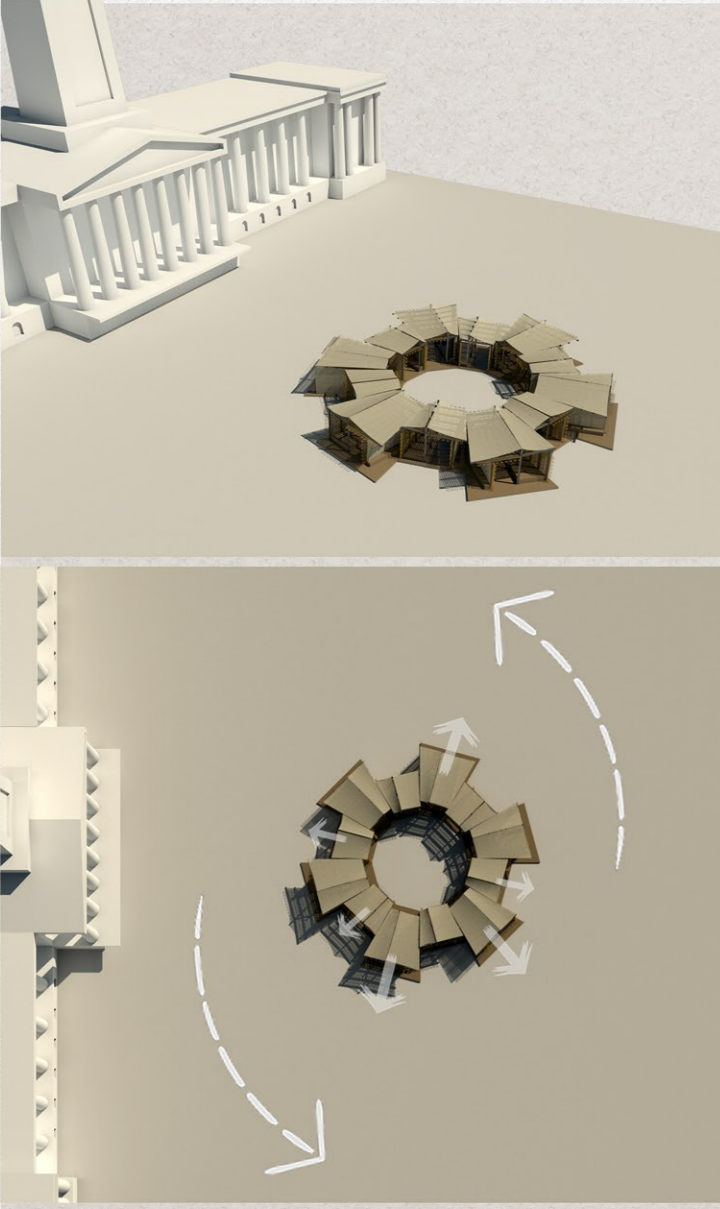
Materiality



Section A-A Scale 1:50



Section B-B Scale 1:50



Plan Variations

This circular variation is ideal for community-led events, as its form is inviting and the structures can be a platform showcasing local street performance or as a market stall.

This variation is ideal during no events, as it can serve as a diversion of pedestrian pathways while still providing spaces for social meetings, waiting areas, or resting space for the public.



The subtropical climate means that summers are hot and humid, along with intense sunlight exposure.

The roofing fabric allows temporary cover during summer and also provides shelter during the rainy season.



During the winter season, the roofing fabric can be removed to allow filtered sunlight into the structures to provide a gentle warmth to the occupants.

Response to Climate

Exploded Axonometric View

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PLUS ARCHITECTURE
STUDENT DESIGN COMPETITION
2017