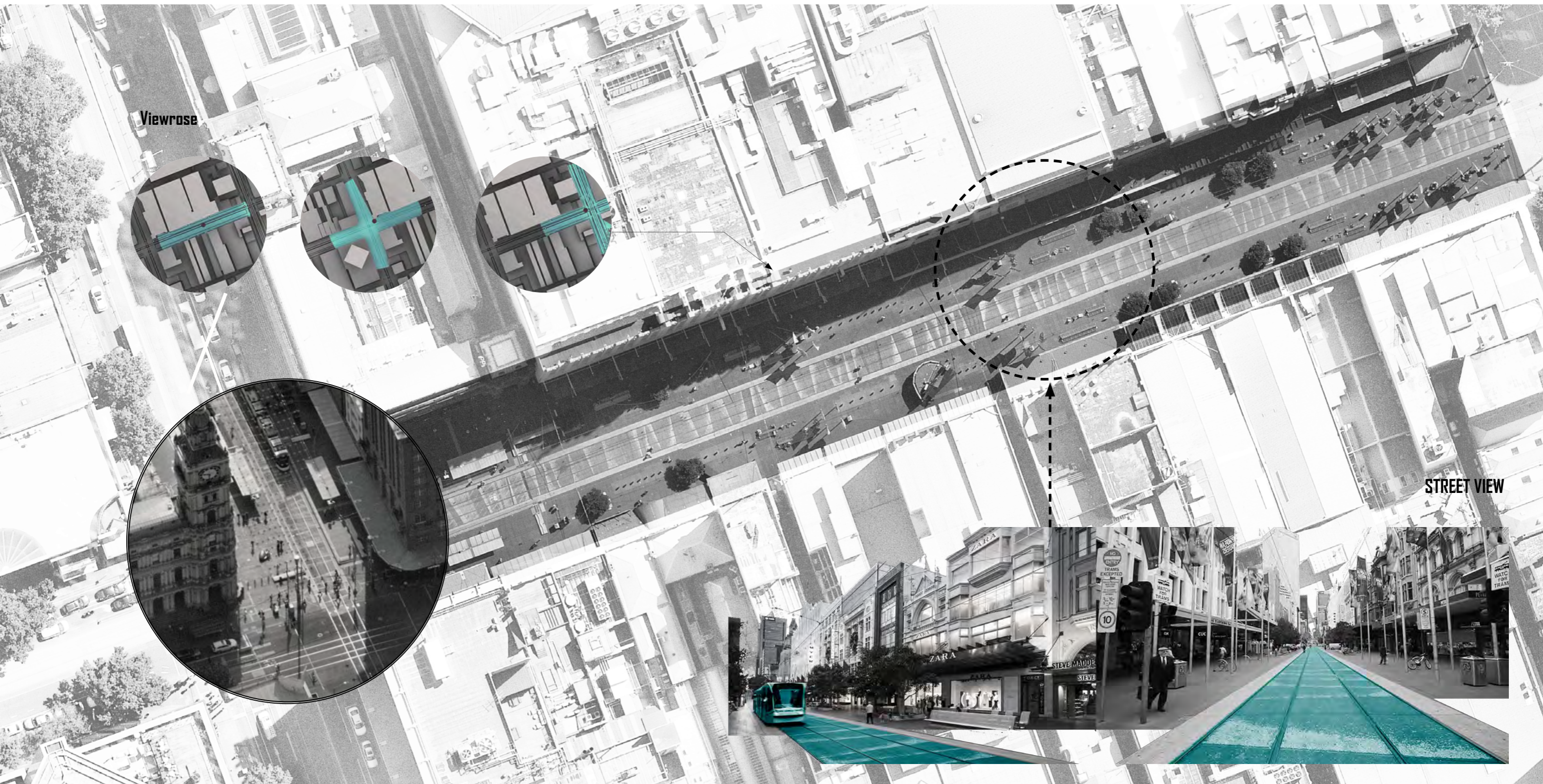
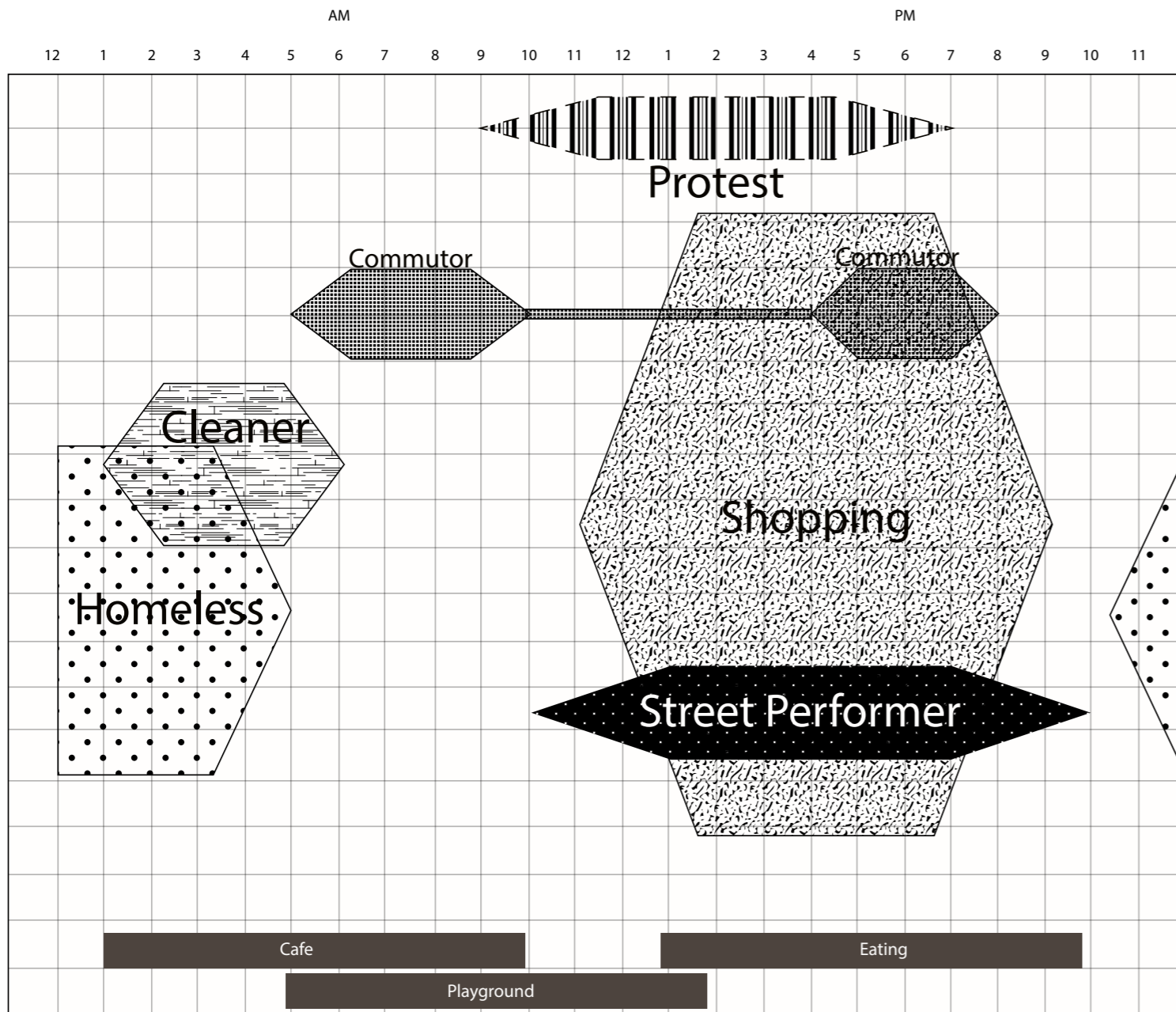


BOURKE STREET AS A SPACE

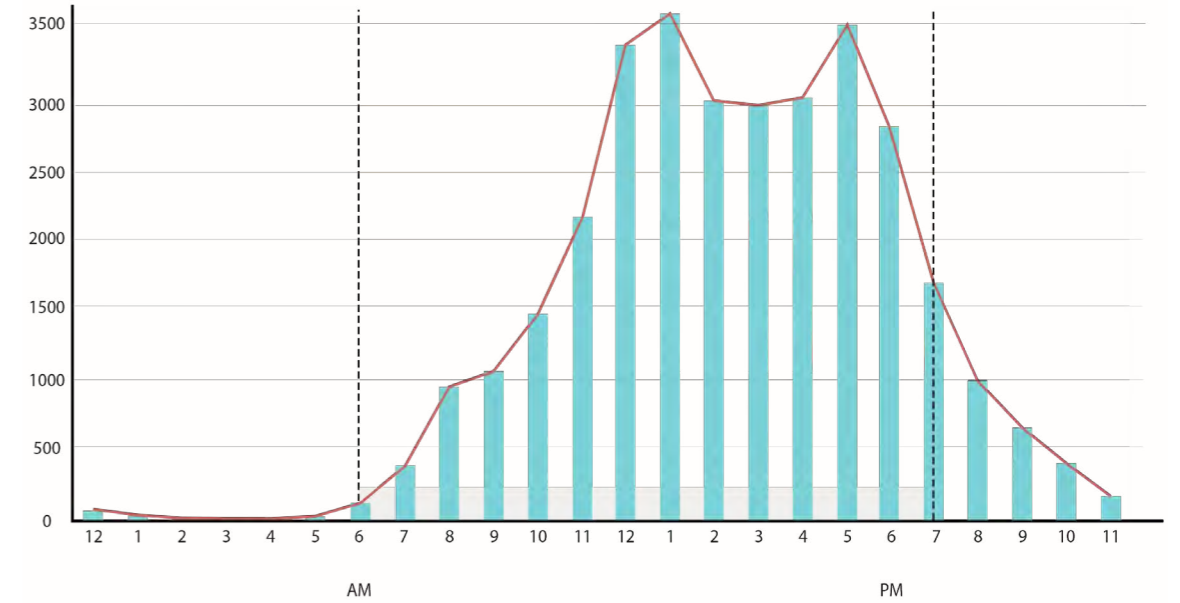


Bourke Street Mall, one of the most busiest streets in Melbourne CBD which experienced Terrorist Attack in 2017. After the tragedy, there were certain strategies being applied to this site, they are functional but not pleasant aesthetically. In this project, this site is being analysed and explored to find out the potential for multi-function and social space generating, in order to make a urban plaza that invites visitors in and left them a unforgettable memory

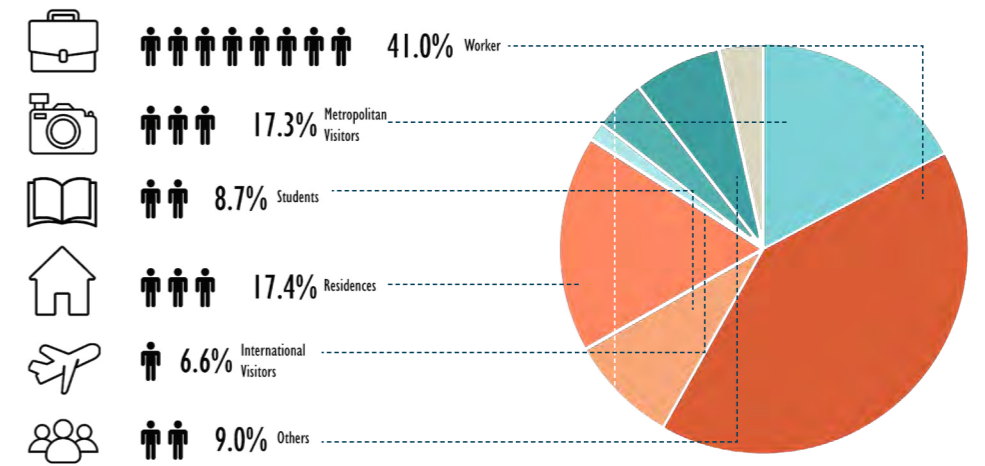
Activity Chart



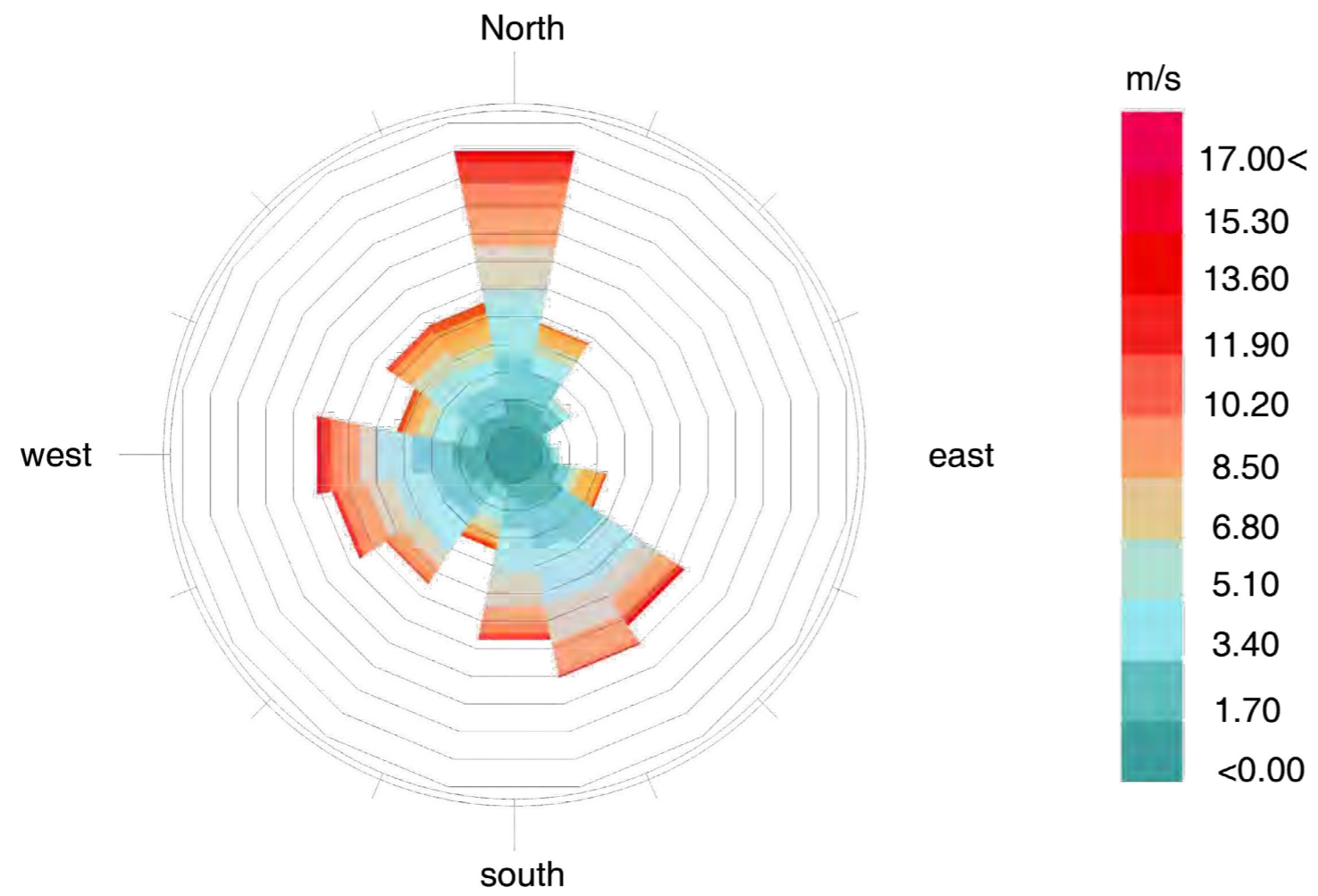
Daily population travel to CBD



Daily population travel to CBD

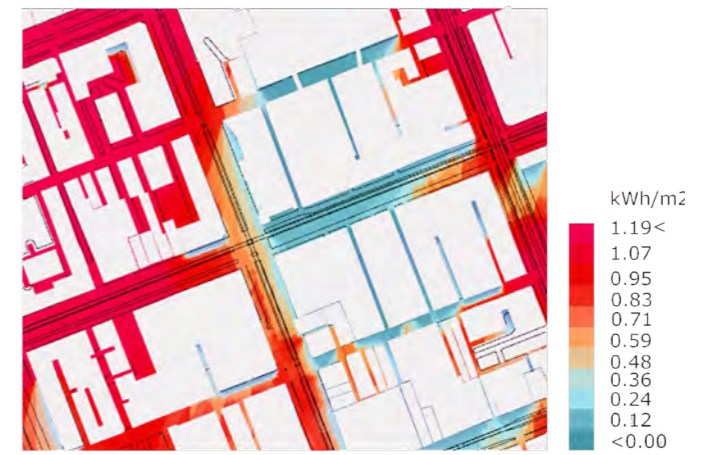


Wind Rose

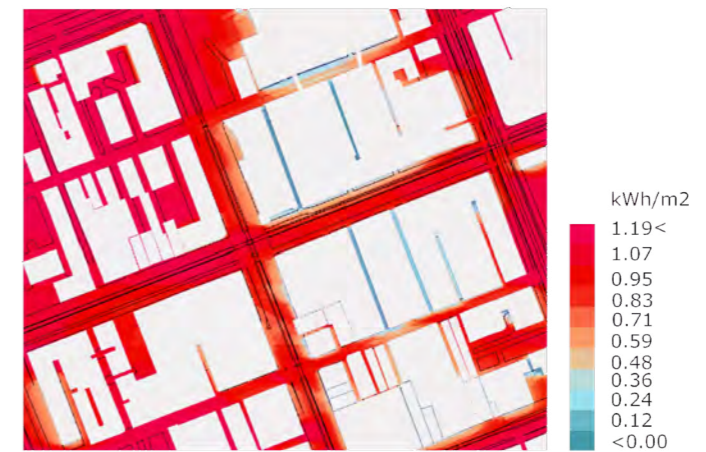


Radiation analysis

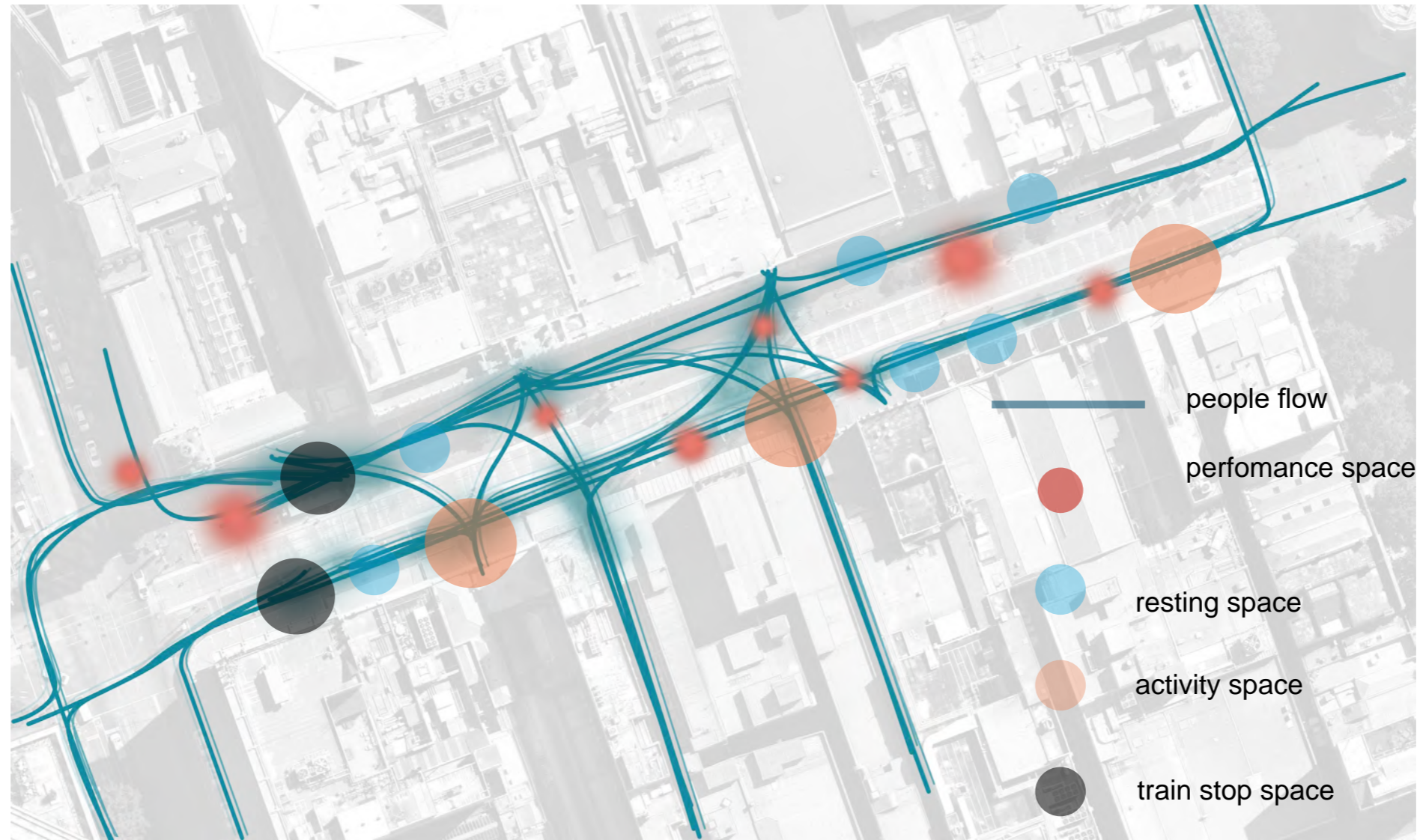
JUNE 21(5:00-20:00)

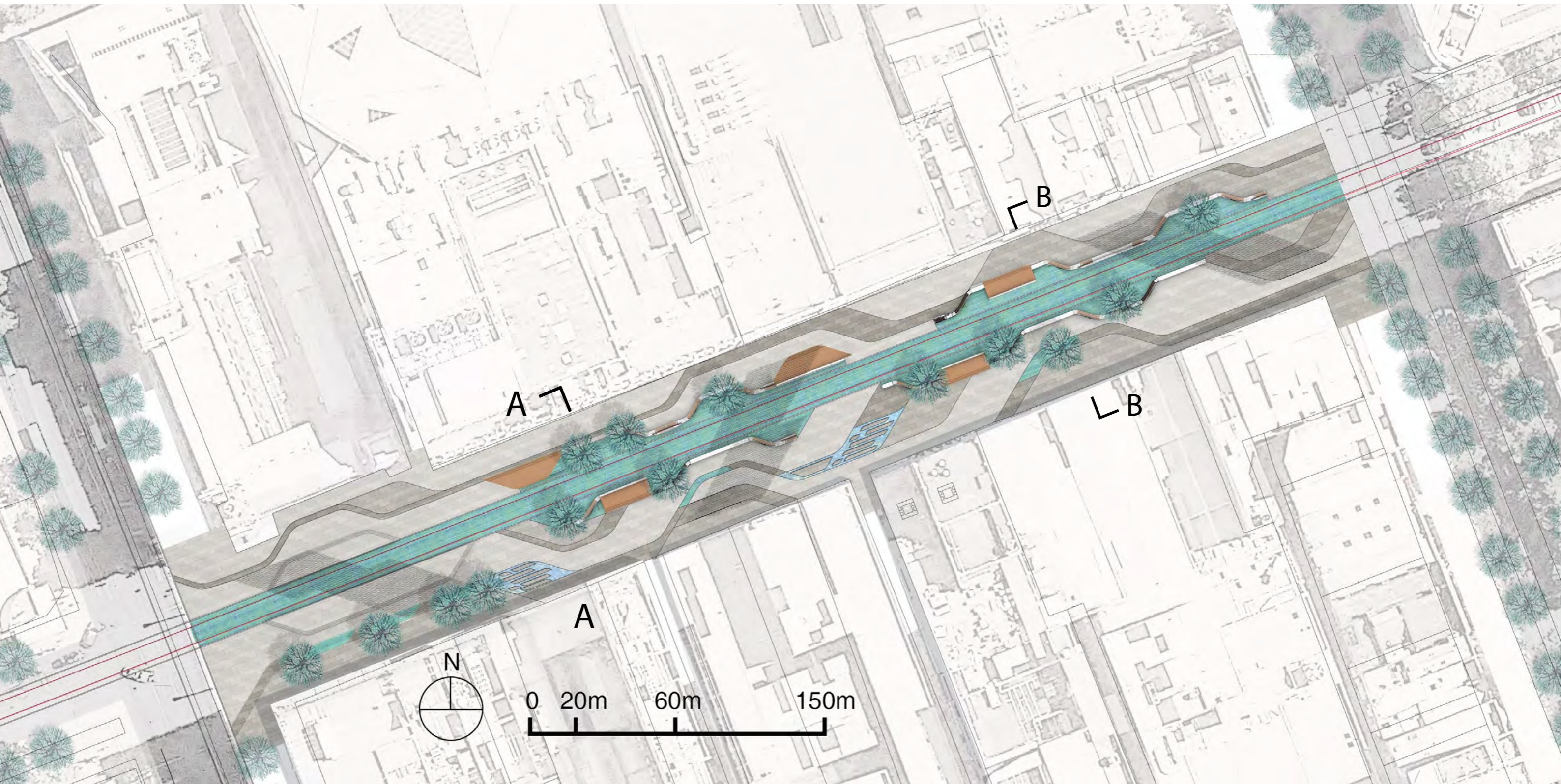


DECEMBER 21(5:00-20:00)



CONCEPT

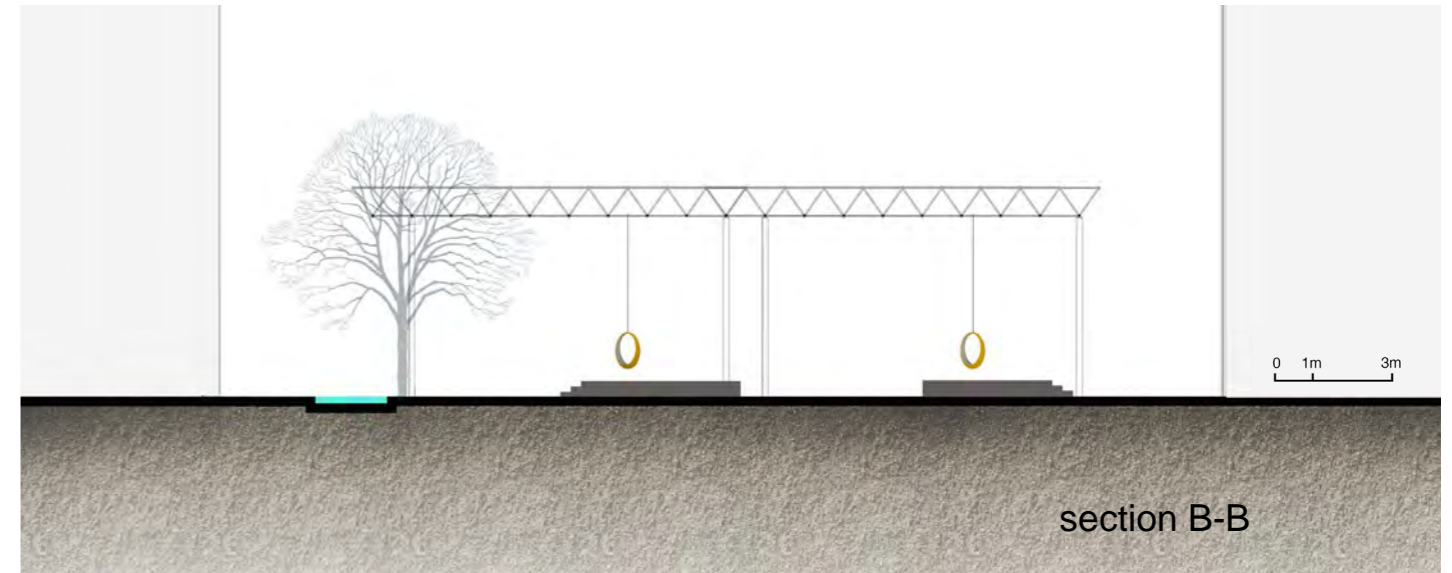
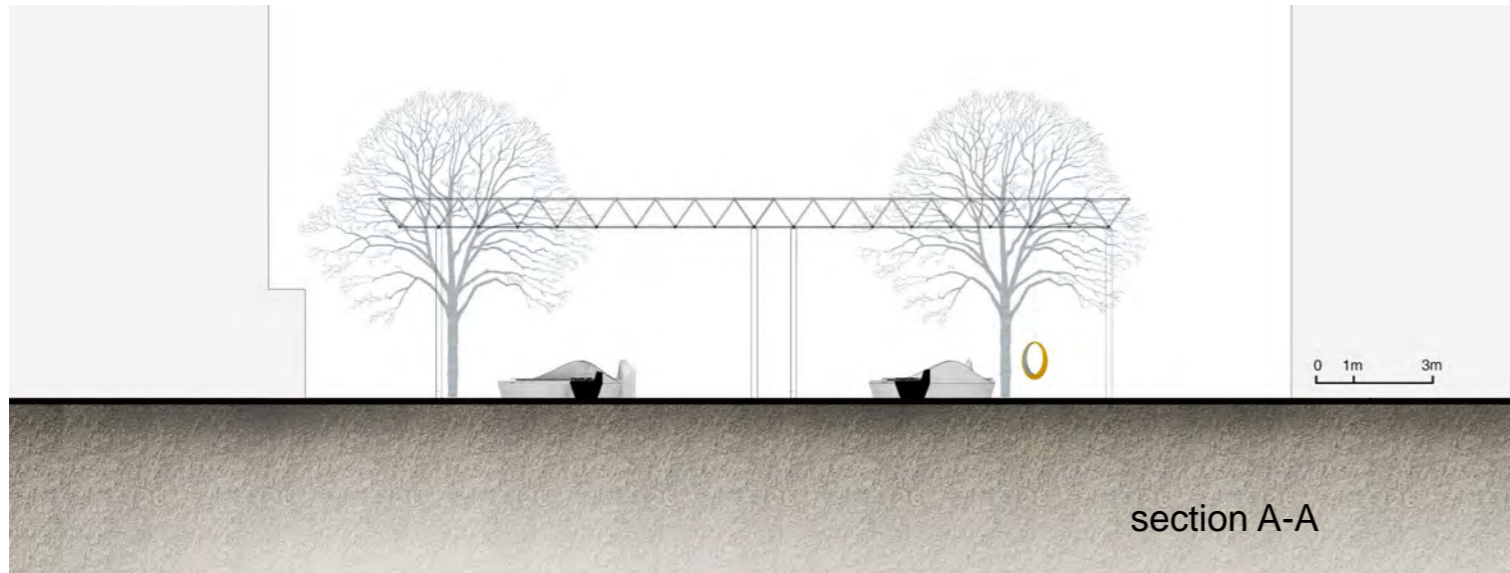




There used to be lots of furniture on this street, but people rarely want to use them or just use them for a while, because these furniture situated at the middle of circulation, it's uncomfortable for people to stay there, in other words there are no space for people to have a comfortable stay on this street. In our scheme, we want to use outdoor furniture, roof, pavement, living system to form different functional space for people to stay and have fun on the street. Our concept is based on the visitors flow, activity analysis and radiation analysis. We layover different analysis to find out the layout of different function zone. For example, we want the outdoor performance space to be set at area where there are more people and more sunlight, so we layover radiation analysis and people flow analysis to locate performance space.



SECTION



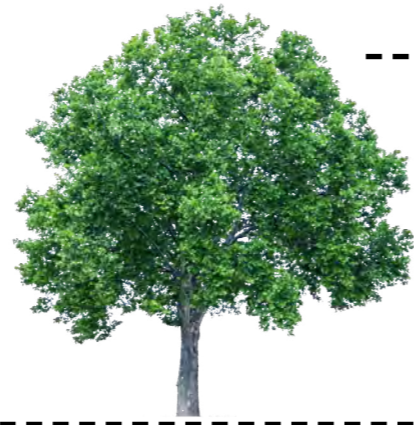
PROTOTYPE AND LIVING SYSTEM



Austrodanthonia caespitosa

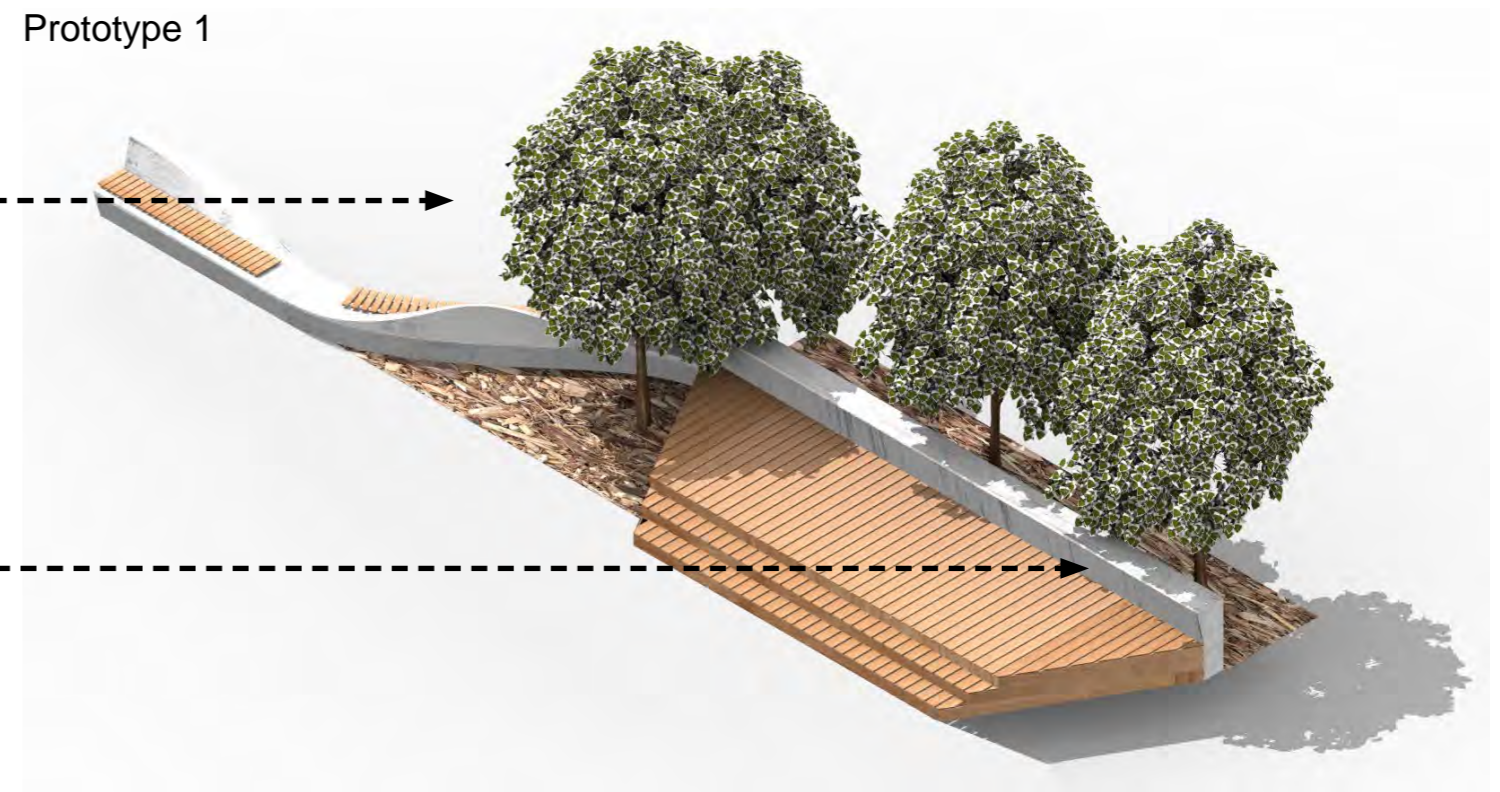


Quercus palustris

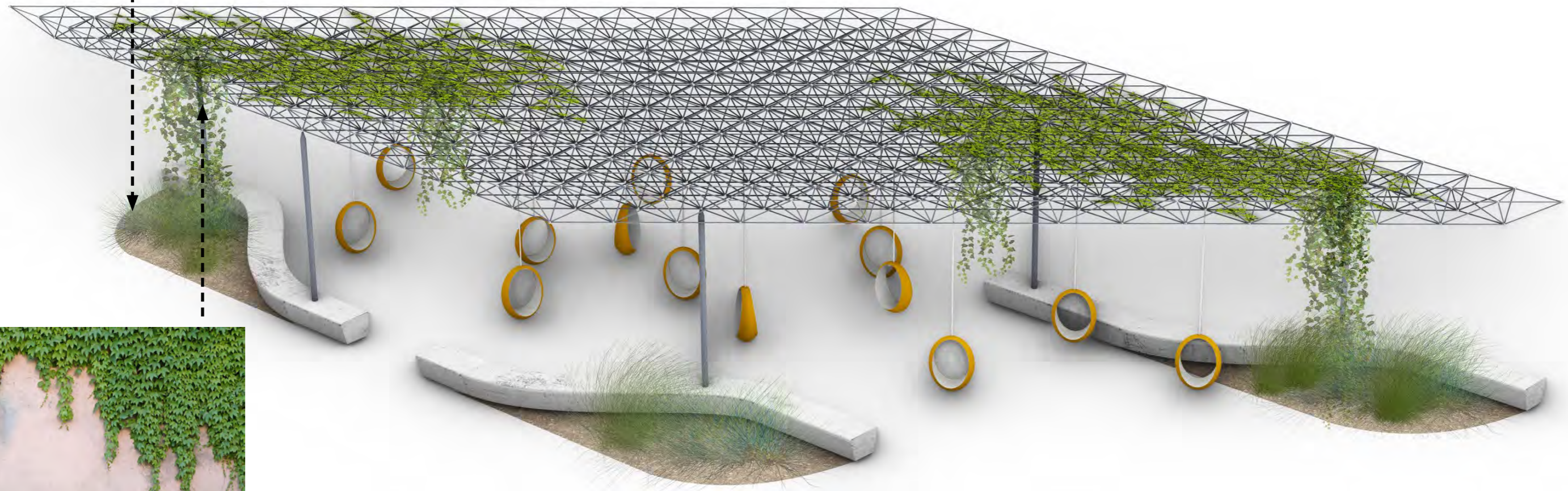


Platanus X acerifolia

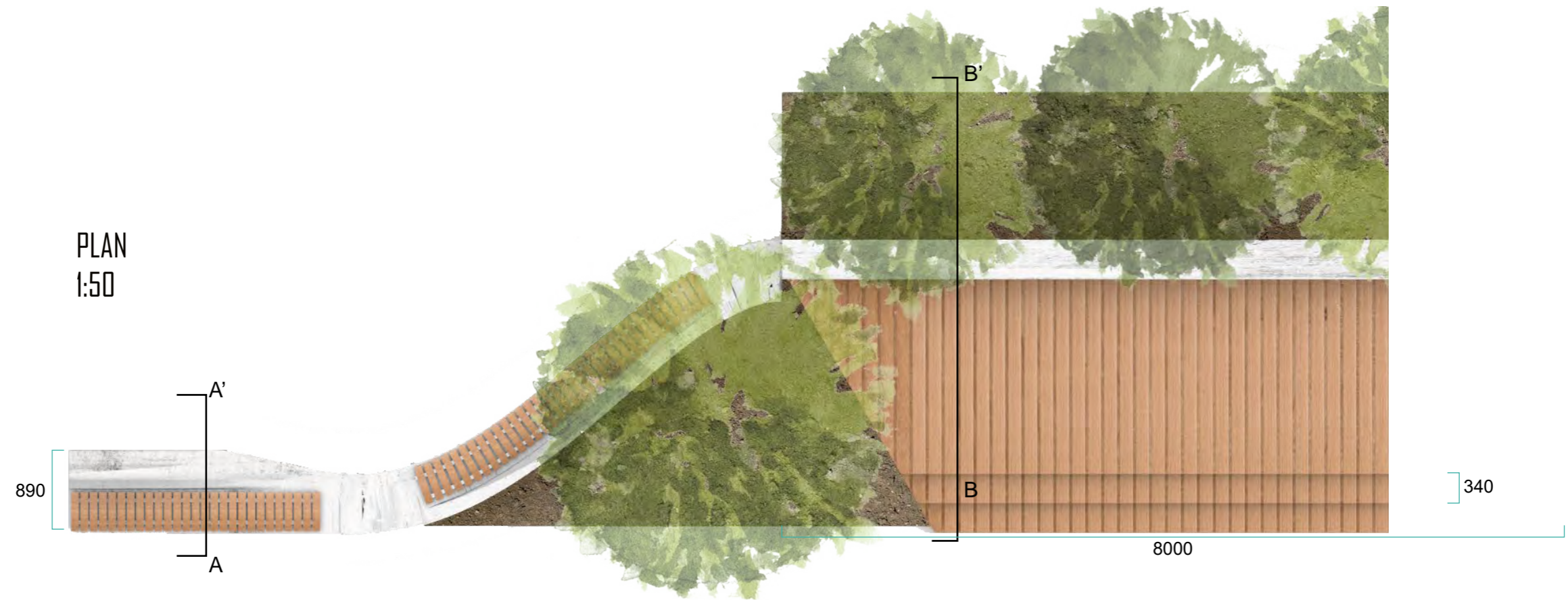
Prototype 1

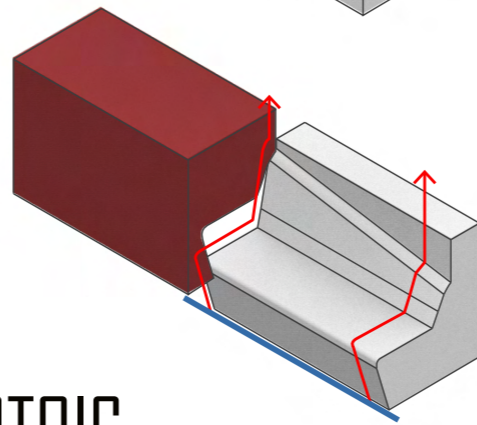
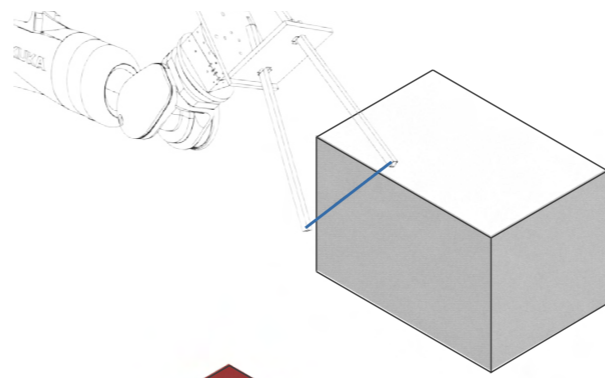


Prototype 2

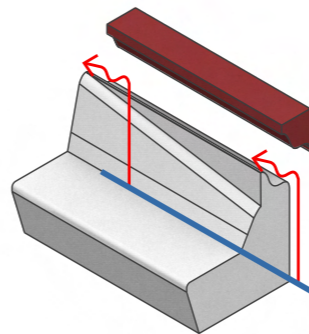


Boston ivy

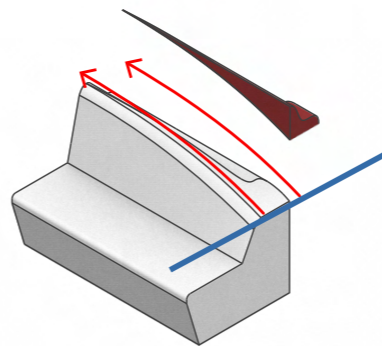




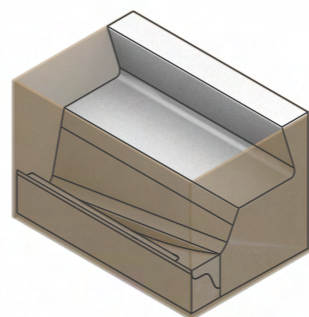
ROBOTIC HOT WIRE PROTOTYPE PROCESS



A 1500 x 1000
x 1000 foam
block being cut
with hot wire
along the red
arrow direction



Assemble the
cut-off pieces
back to a 1500
x 1000mm
timber box as
mould, ready
for concrete
pouring



CONSTRUCTION DRAWING

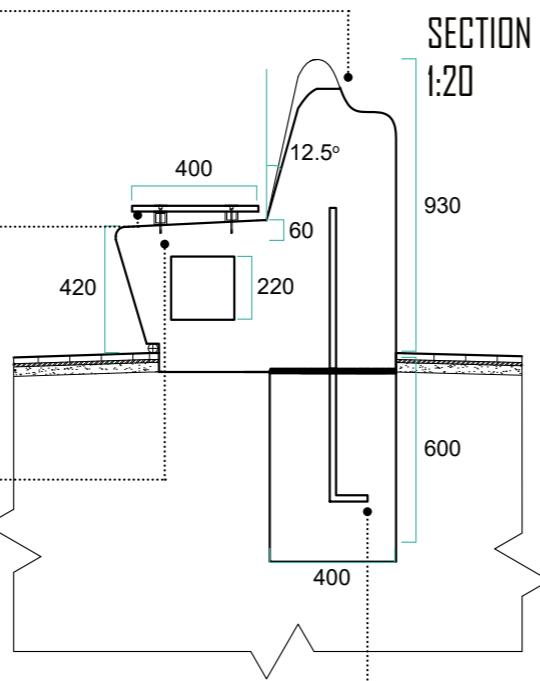
CLASS 1 PRECAST CONCRETE BLOCKS. REFER TO EXPLODED AXONOMETRIC FOR ASSEMBLY.

78 x 18 TIMBER BATTENS SCREW FIXED TO STEEL FRAME WITH THE CONCRETE BASE. TIMBER FINISH WITH INTERGRAIN DWD

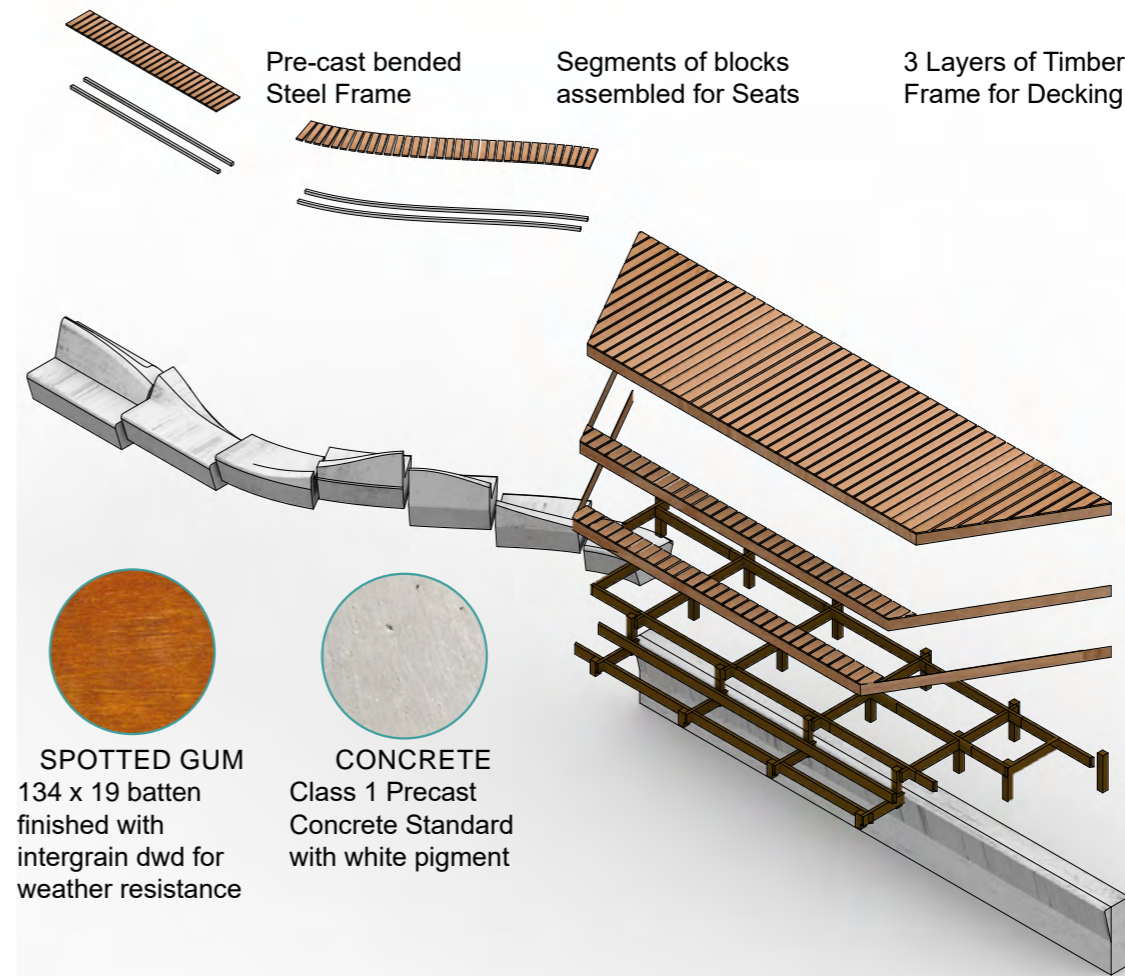
40 x 40 SHS STEEL FRAME BOLTED TO CONCRETE BASES THROUGH TIMBER BATTENS (2 x BOLTS PER TIMBER)

N12 STARTER BAR 1MTR X 200MM

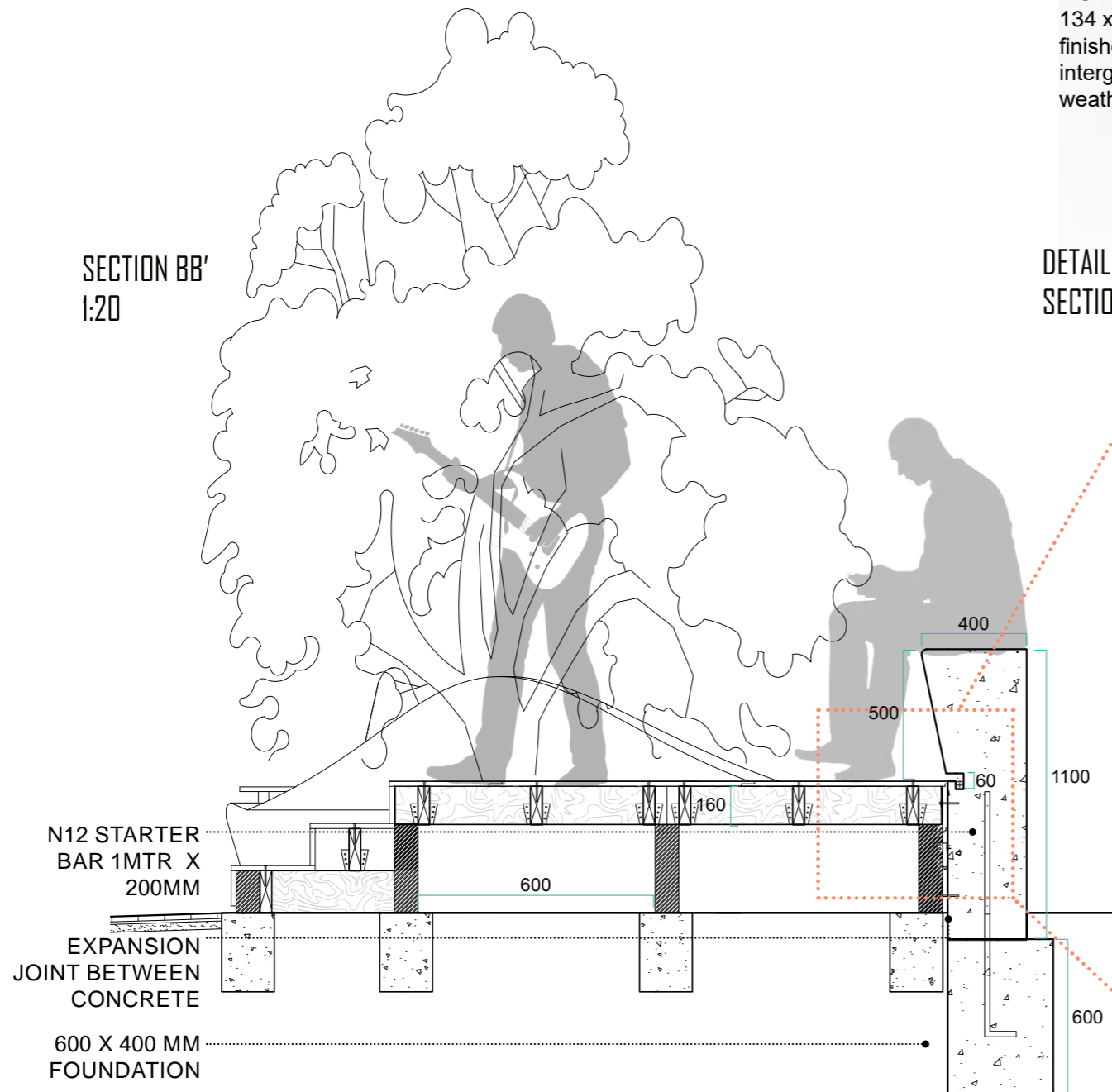
SECTION AA' 1:20



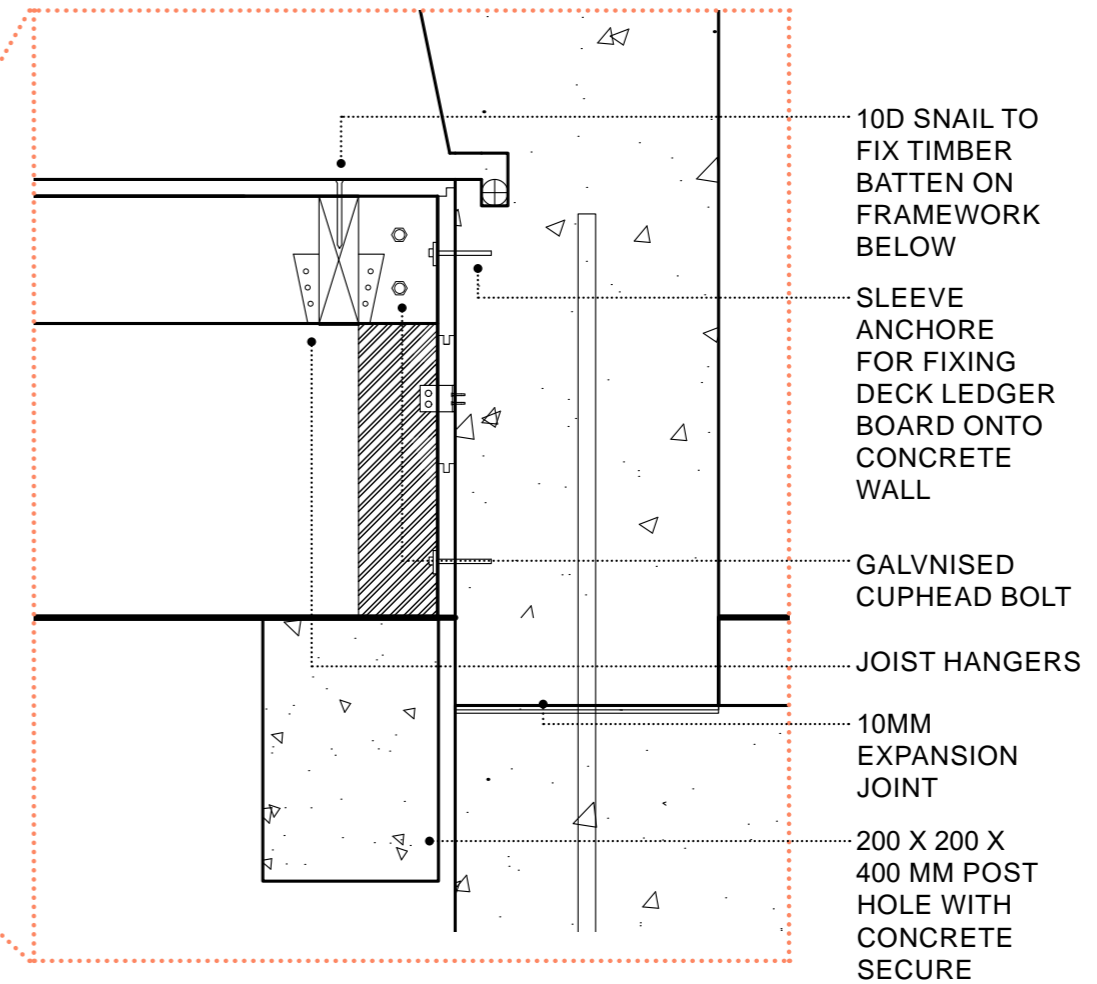
EXPLODED AXONOMETRIC



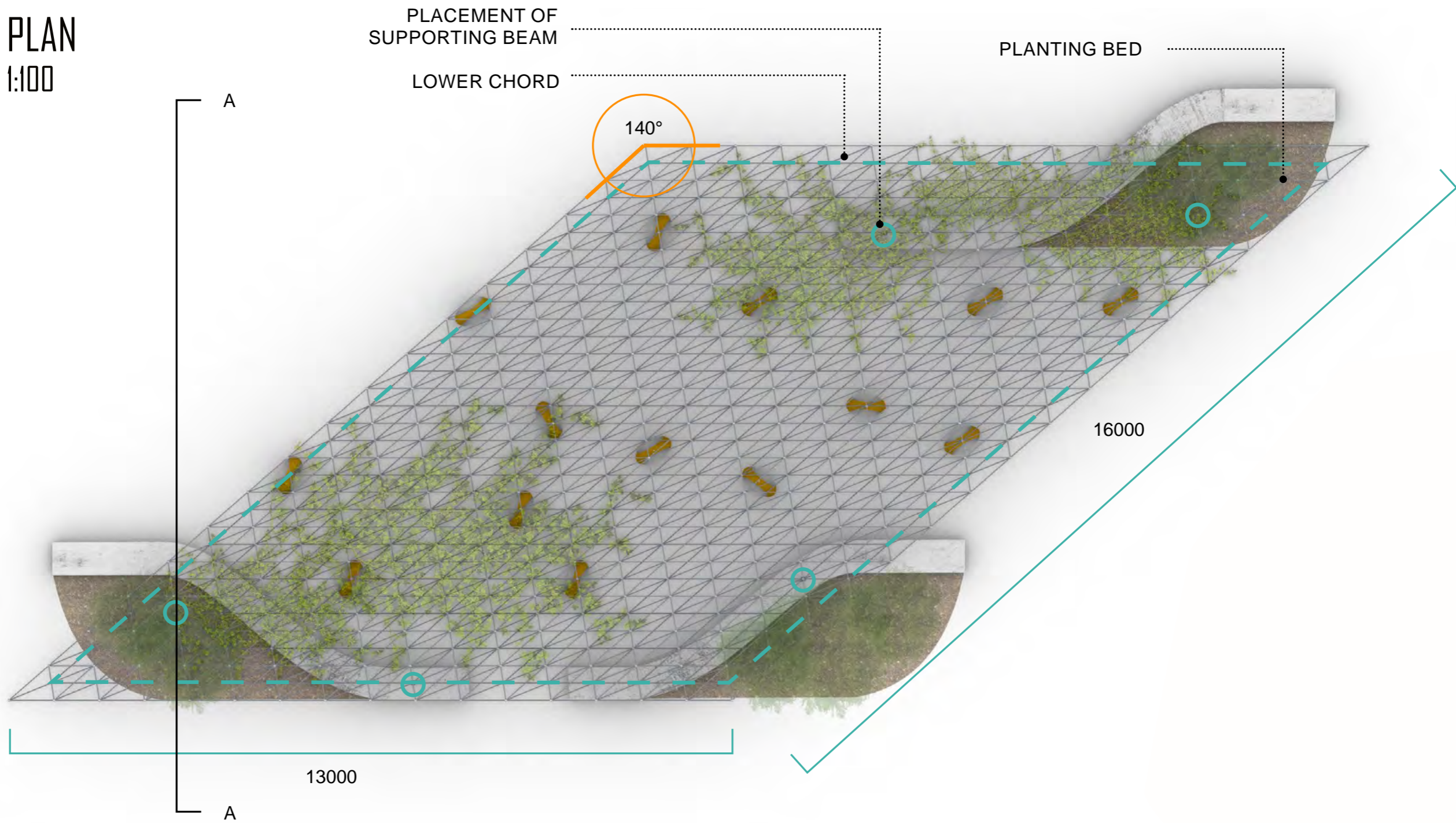
SECTION BB' 1:20



DETAIL SECTION 1:5

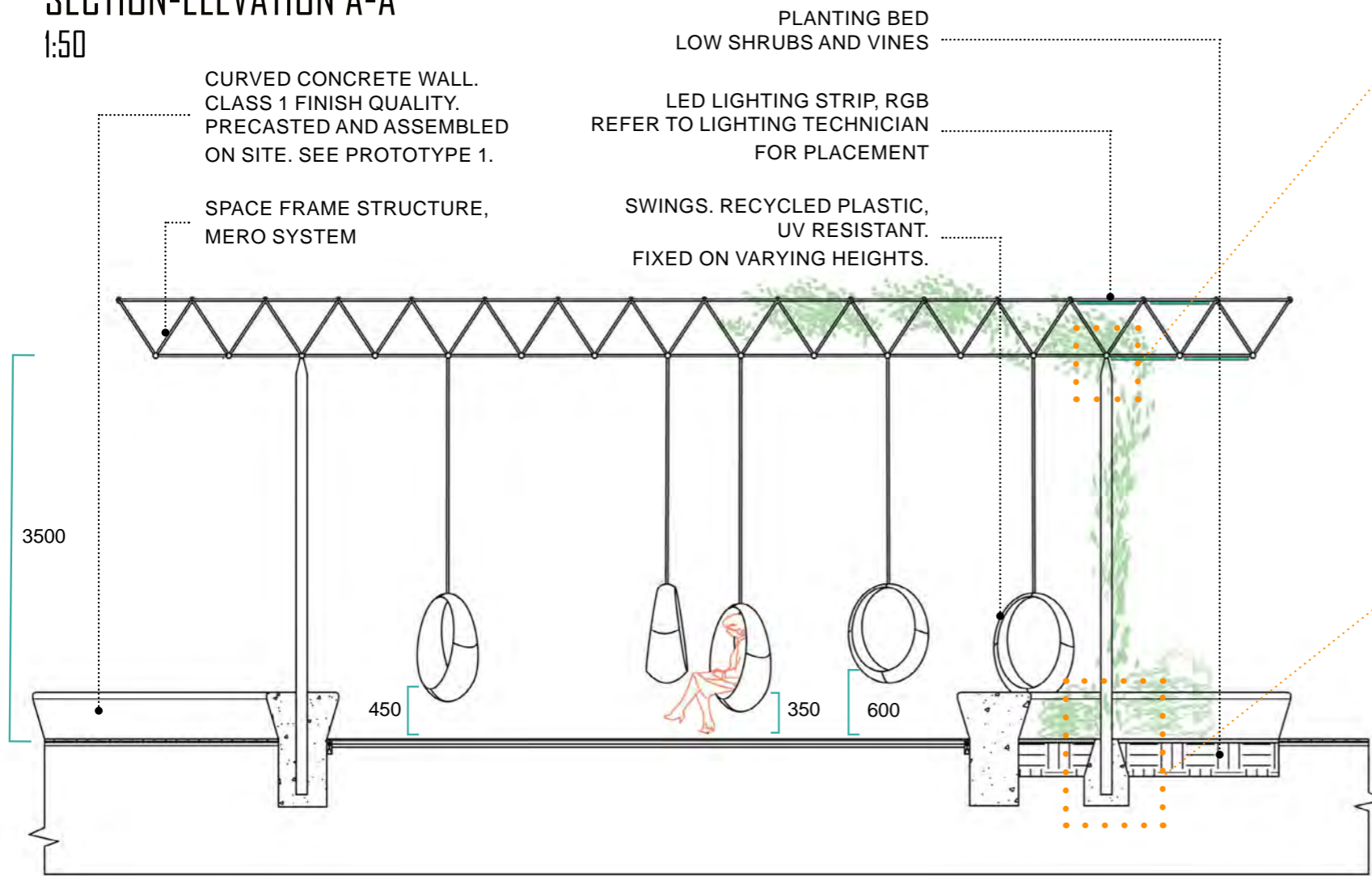


PLAN
1:100



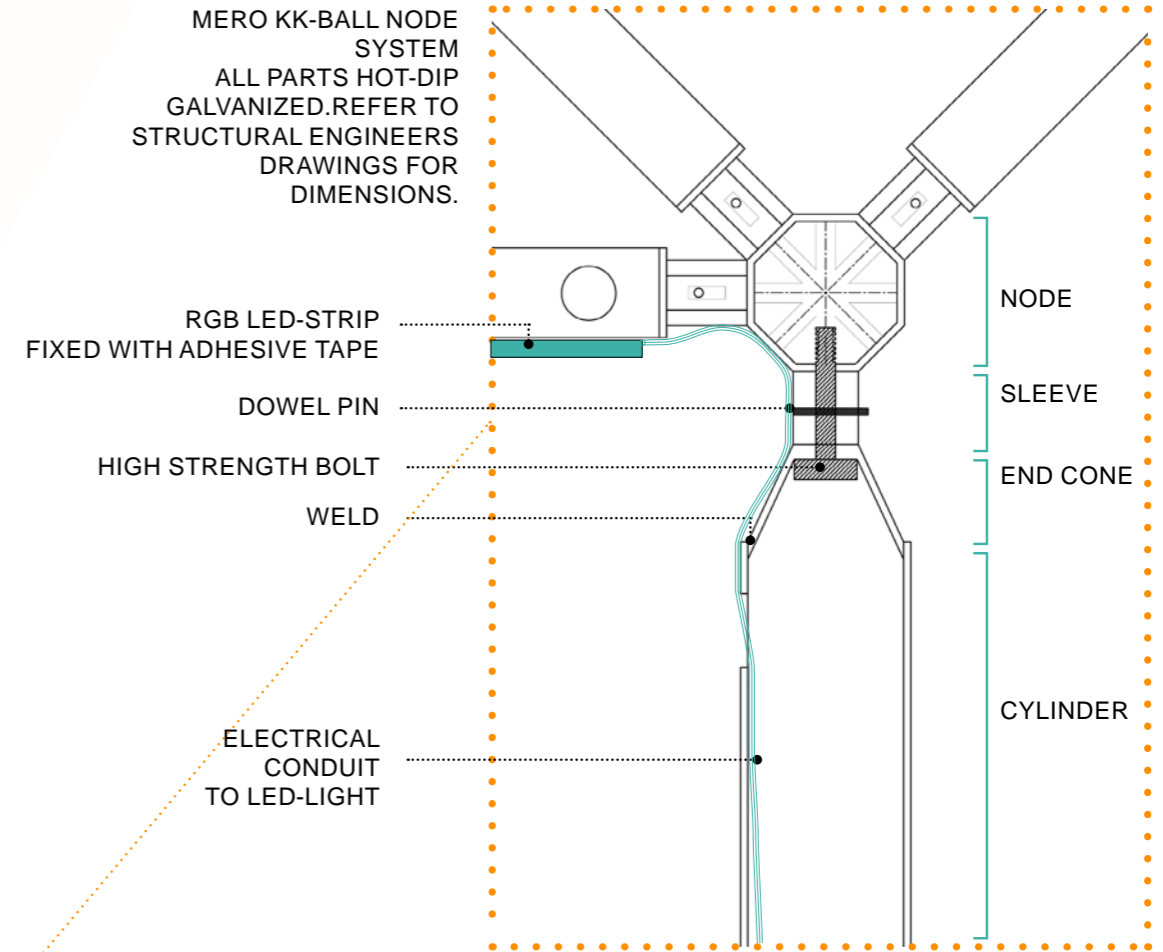
SECTION-ELEVATION A-A

1:50



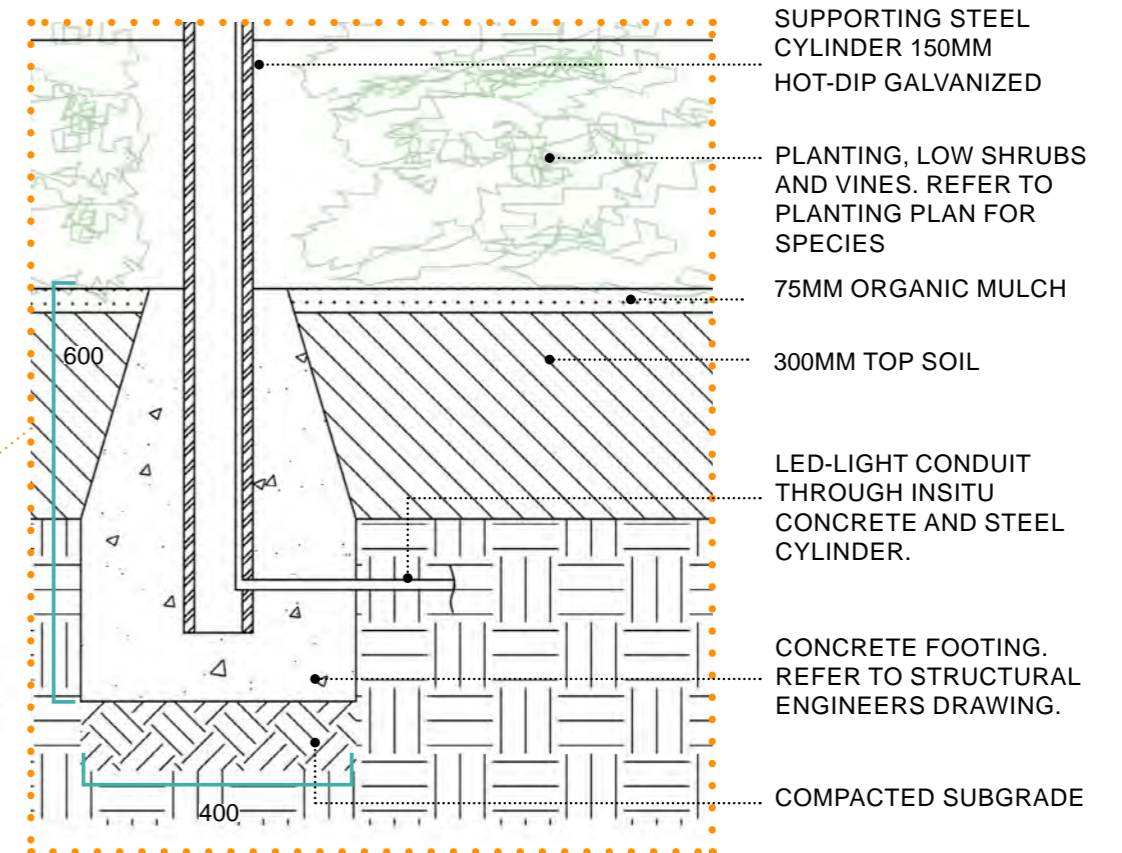
DETAIL MERO SYSTEM

1:2



DETAIL PLANTING & FOOTING

1:10





PERSPECTIVE VIEW
NIGHT