

## WRG AGROPARK MASTERPLAN

**Project Year** : 2020  
**Location** : Bandung, Indonesia  
**Project Type** : Commission Project  
**Project Team** : Fikri Izza  
Zulfikar Ibrahim  
Muhammad Hasby  
Hilman Prakoso

**Short Desc.** : In early 2020, we were winning a private competition for an agropark masterplan project. therefore we got the opportunity to develop the whole 32 Ha plantation area to become a city's future themepark and leisure destination.

this is the largest area i've ever handled so far. the design phases are done in approx. 6 months.

the project is now in underconstruction phases and planned to be open in 2025 for the next 25 years.

**Tags** : *Leisure, Country-side, Masterplan, Bandung, Themepark, Agricultural*

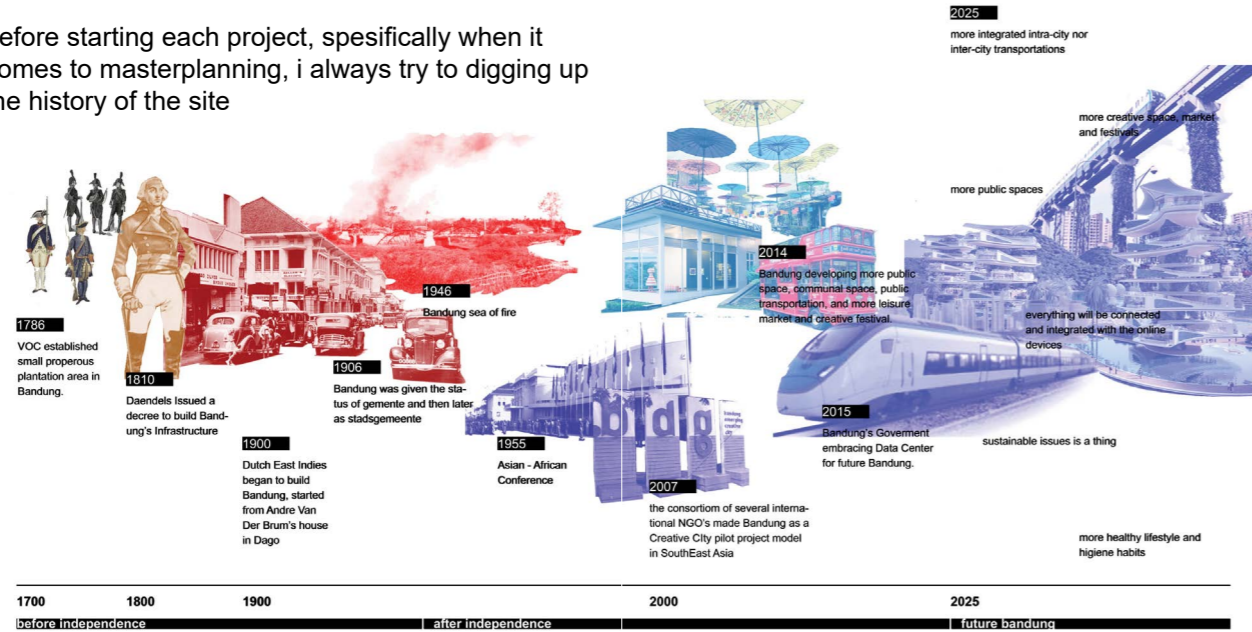




## DESIGN WORKFLOW

### Context Understanding

before starting each project, specifically when it comes to masterplanning, i always try to digging up the history of the site



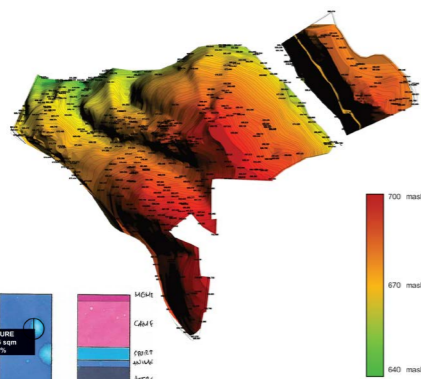
### proposal design : mountpelagia concept

our selected initial proposal called 'Mountpelagia' where we tried to give a sense of islandic program and archipelago in the context of highland hill of west bandung



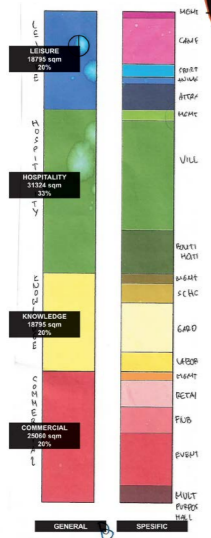
### Topography Study

topography study is required to understand our feasible canvas during the exploration process



### Program Distribution

through our understanding in regulation and projects needs, the program could be determined and become our boundaries while we're doing the exploration



### Exploration and Iteration

project explorations are divided into 4 aspects; zoning, circulation, program distribution, and massing exploration



### design adjustment

the sketches above is our adjustment process during before we developed the design proposal digitally.



### ZONING OVERVIEW

buildable area	93973 sqm	30%
green area	219270 sqm	70%

### PROGRAM OVERVIEW

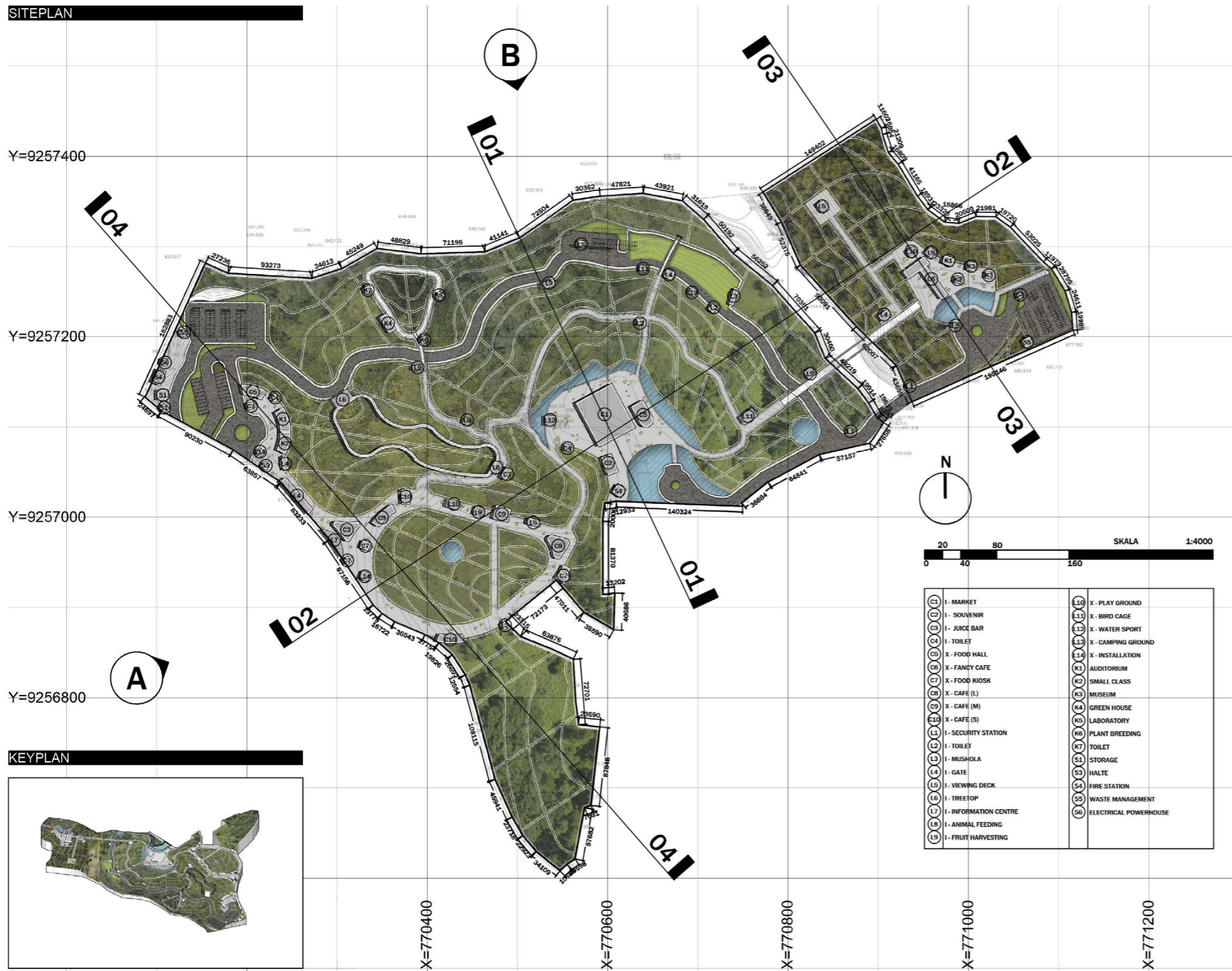
leisure	18795 sqm	20%
commercial	25060 sqm	27%
hospitality	31324 sqm	33%
knowledge	18795 sqm	20%





DESIGN  
OVERVIEW

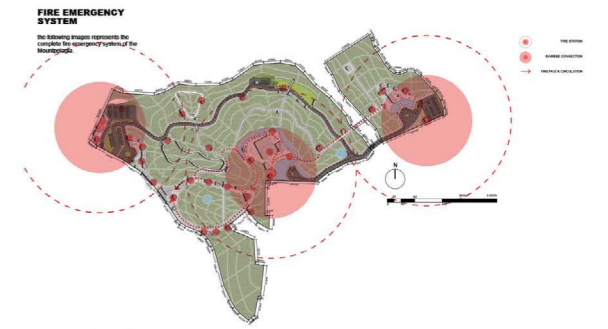
SITEPLAN



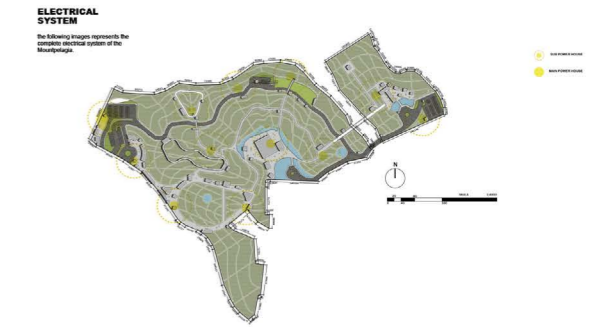
KEYPLAN



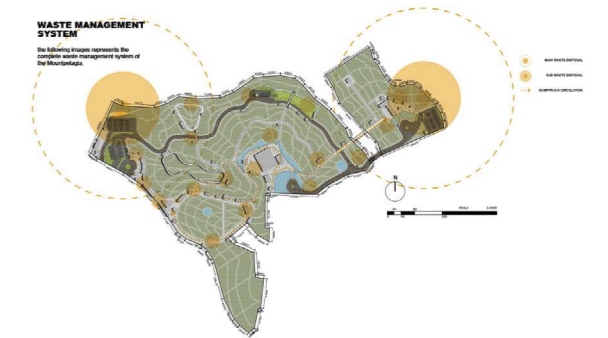
Emergency System



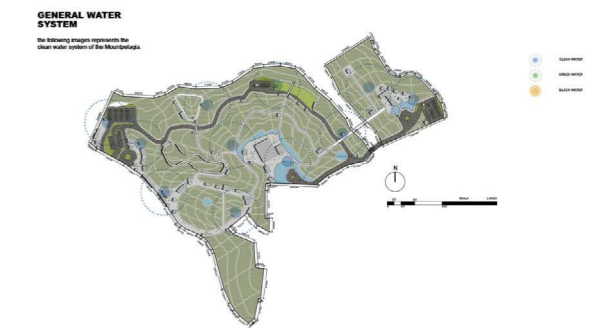
Electrical System



Waste Management System



Water Management System



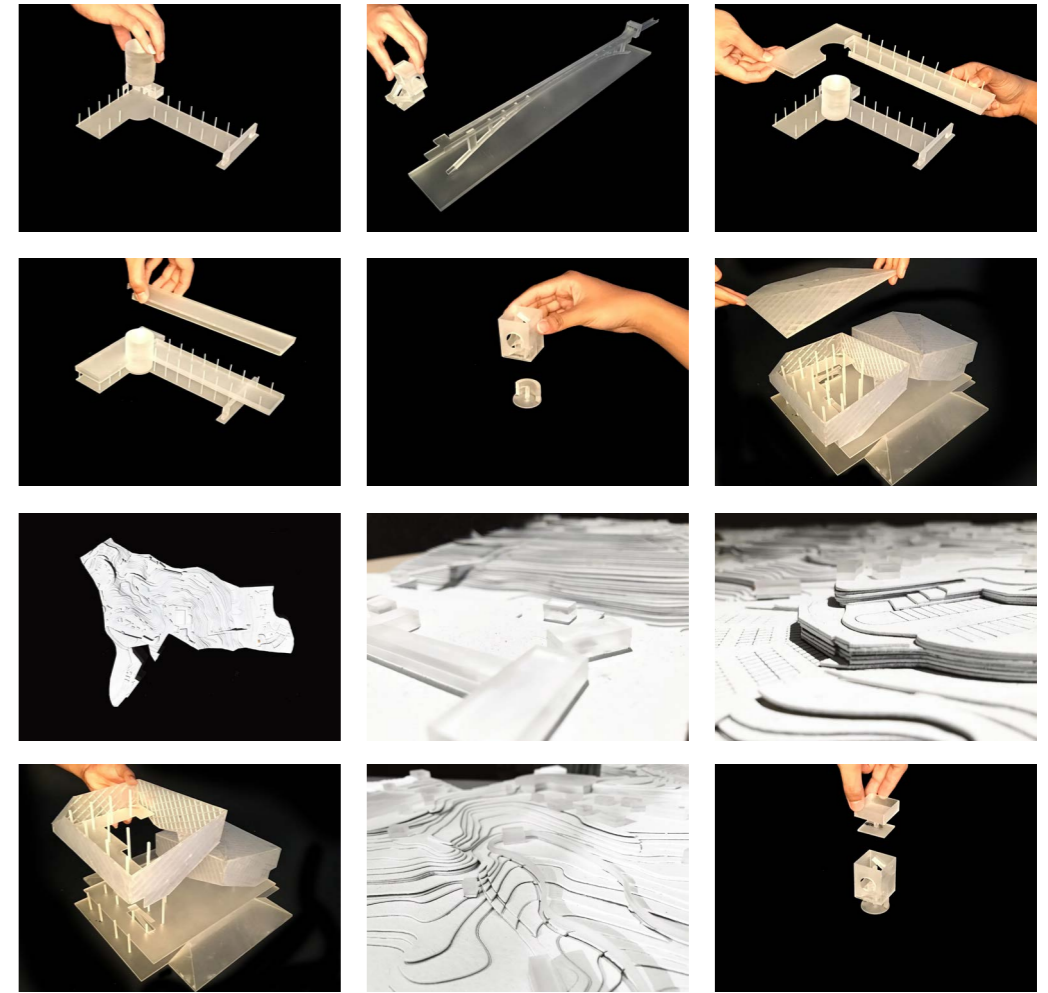


ATTACHMENT



**1:1000 model**  
to presenting the  
masterplan easier we  
create an 1 : 1000  
physicall model in  
monochromatic repre-  
sentation

**Sets of Physical Model**  
the masterplan model  
also followed by conceptual detail of each  
building that later will be  
designed and built.





**ATTACHMENT**

**Initial Proposal**



**Final Design**

