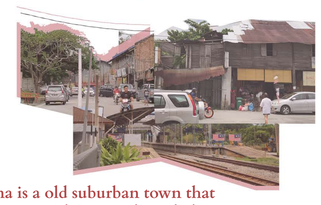
mutual

site plan
scale 1 : 1000

a market is a place which perfectly represent the lifestyle and culture of its neighborhood. Situated within Bangi Lama, the Pasar Bangi Lama lacks occupancy and is in a run down state. To revitalize the Pasar Bangi Lama, the concept emphasizes on creating a fun and interactive food-oriented market place that helps to funnel local residences backto the area. The industrial design apporach transform a new perspective of portaying the Bangi's existing old shophouses. The organic form of the overall design depicts an absorbing mechanism to attract users from all directions.



bangi lama is a old suburban town that remains in time with its people and places

culturally diversed

Design Concept

connecting people through their mutual interest in food
bringing people together

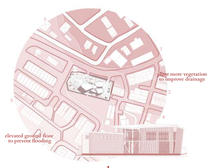
Site analysis

site context

sun & wind

views from site

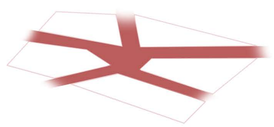
accessibility



topography

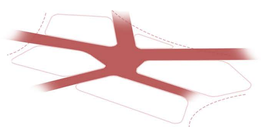
Form development

1.



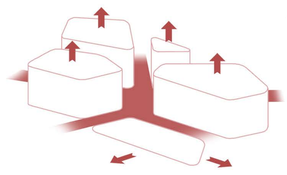
fundamental form
using basic analysis
to visualise the lines

2.



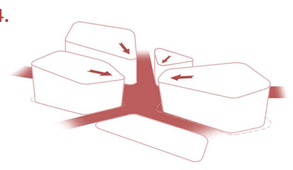
indentation and organic
creating a funneling
mechanism that

3.

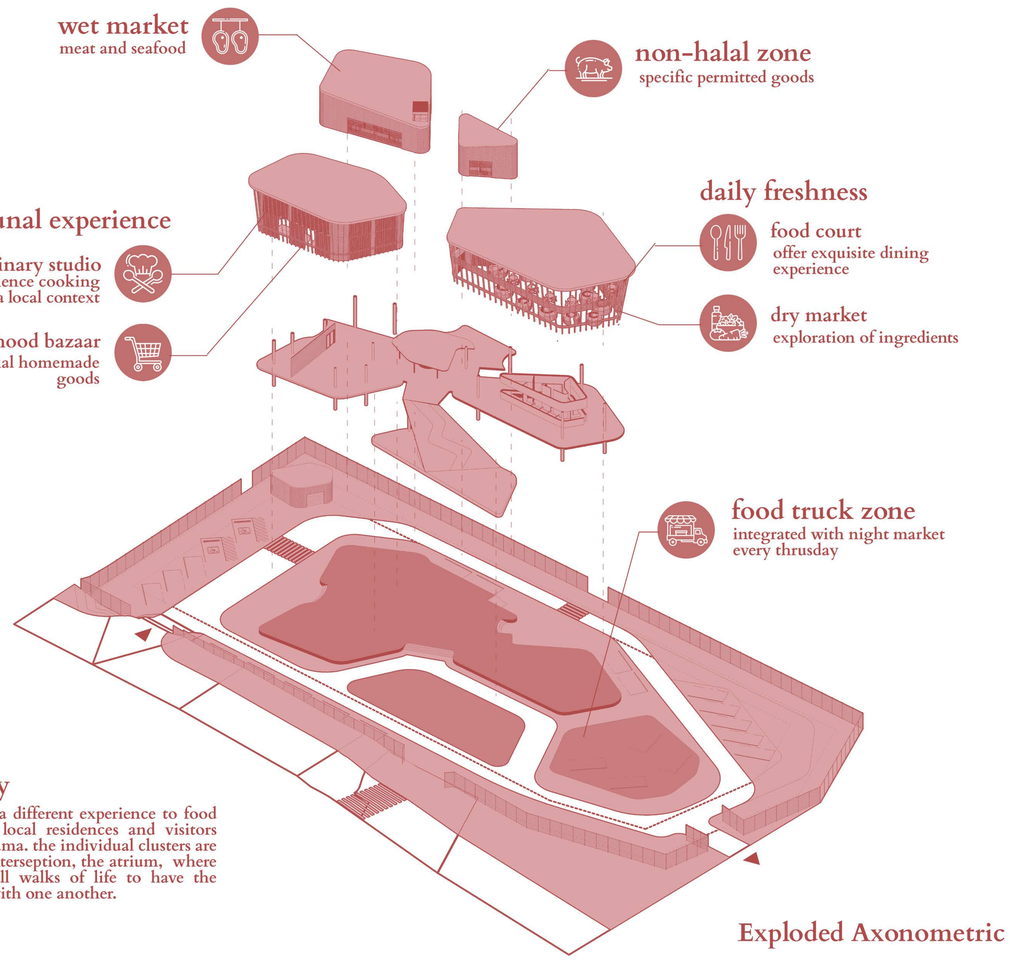


massing
scaling up the forms
to construct space and

4.



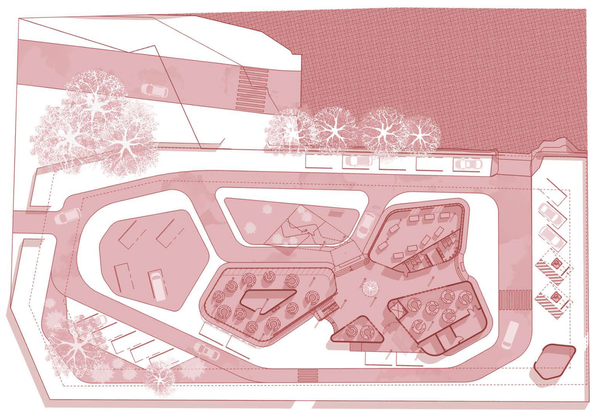
enhance diagonal
sloping and slanting
reflect the hilly



Cluster typology

each of the spaces offer a different experience to food that helps connect the local residences and visitors together towards bangi lama. the individual clusters are seperated by a space of interseption, the atrium, where it allows people from all walks of life to have the opportunity to interact with one another.

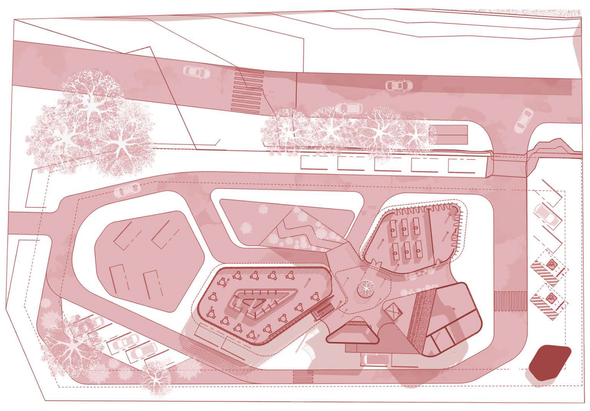
Exploded Axonometric



ground floor plan
scale 1 : 250

0 5 10 20

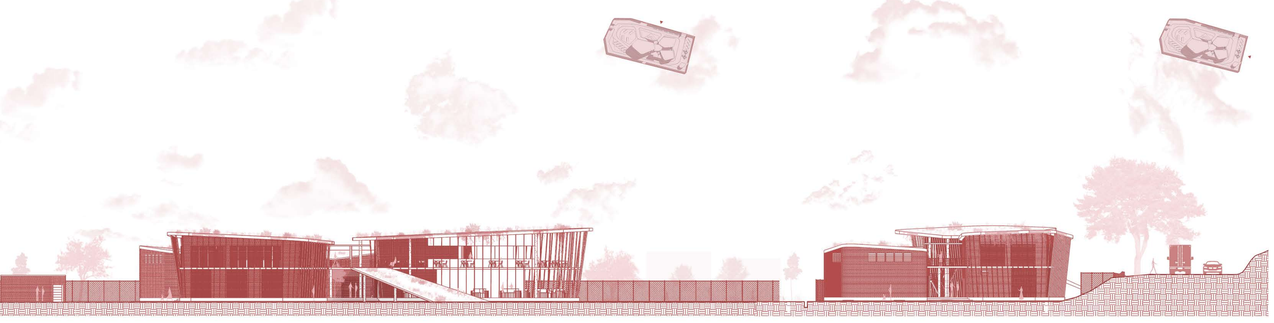
1. drop off
2. center atrium
3. dry market
4. wet market
5. neighborhood bazaar
6. non halal zone
7. urban slope
8. food truck zone
9. toilet
10. storage rooms
11. loading bay
12. utility room
13. refuse chamber



first floor plan
scale 1 : 250

0 5 10 20

1. upper atrium
2. food court
3. culinary studio
4. meeting room
5. community garden
6. urban slope

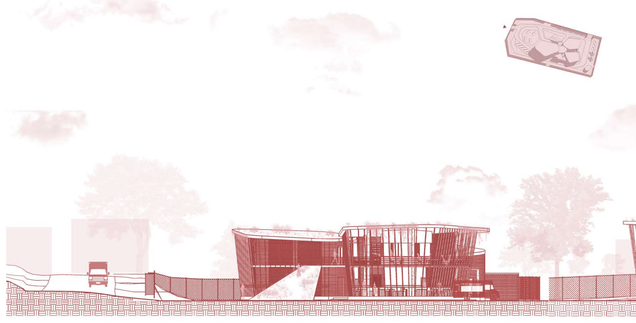


north elevation
scale 1: 200

0 5 10 20

east elevation
scale 1: 200

0 5 10 20



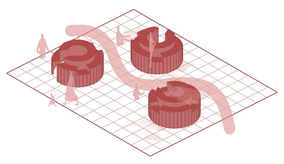
west elevation
scale 1: 200

0 5 10 20

south elevation
scale 1: 200

0 5 10 20

Market stall



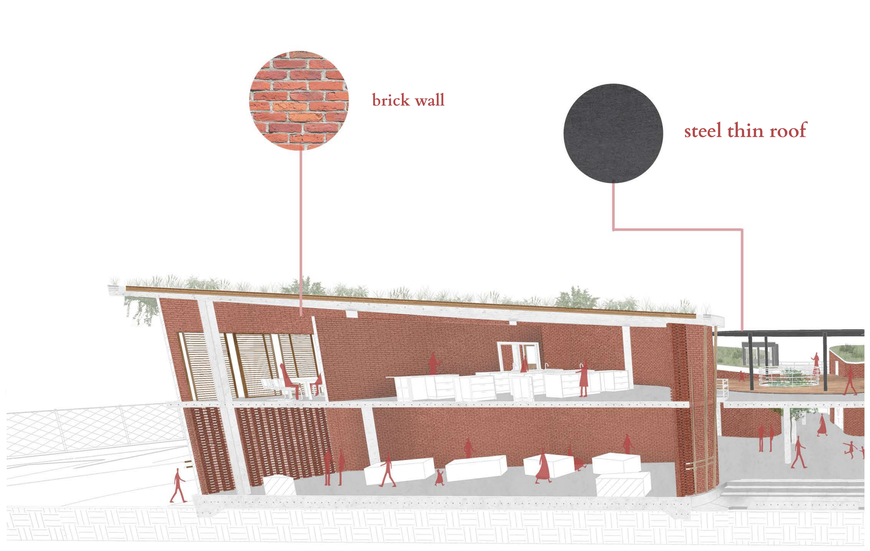
a radial movement of people circulating the stalls allow a better experience with the food and vendors

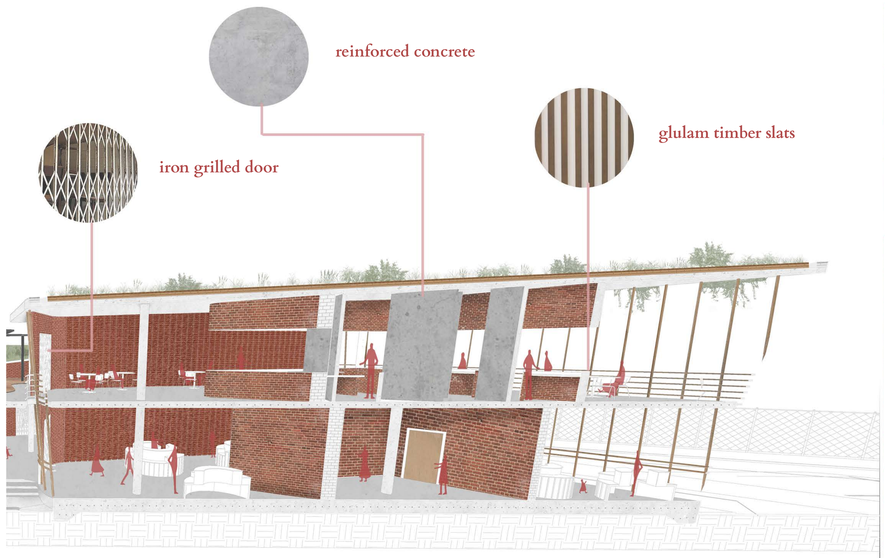
Urban slope

the urban slope reflects the local topography of highs and lows creating a walk within nature

Food truck zone

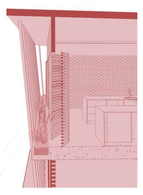
the food truck zone is integrates with the thrusday night market. it could help attracting visitors into the market's food court during the night





vernacular materials
all materials are easily
sourced from local
manufactures and resembles
the local shophouses

pivot window frame
flexible rotation that control
light penetration & natural
ventilation and has a green
pocket outside the frame

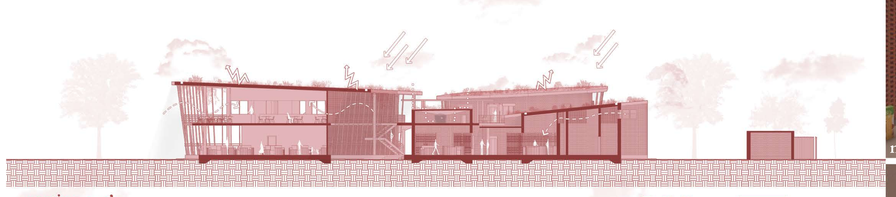


green roof
reducing internal temperature

water harvesting
help lessen water usage

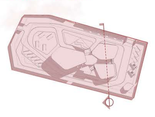
natural ventilation
ensuring thermal comfort
within spaces

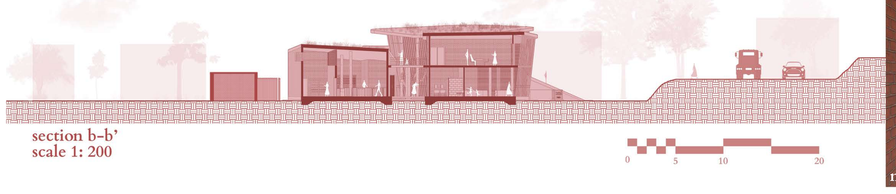
passive design strategy
the buildings passive strategy focuses on reducing energy consumption at the market using nature itself, a sustainable market shows a reflection of how the traders deals with food production



section a-a'
scale 1: 200

0 5 10 20





section b-b'
scale 1: 200

0 5 10 20

drop off area

food court

dry market

neighborhood bazaar

culinary studio

meeting room