# MARKET IN THE FOREST

## REINVIGORATION OF THE WET MARKET THROUGH CONNECTIVITY WITH HUMAN AND NATURE



PERSPECTIVE 01



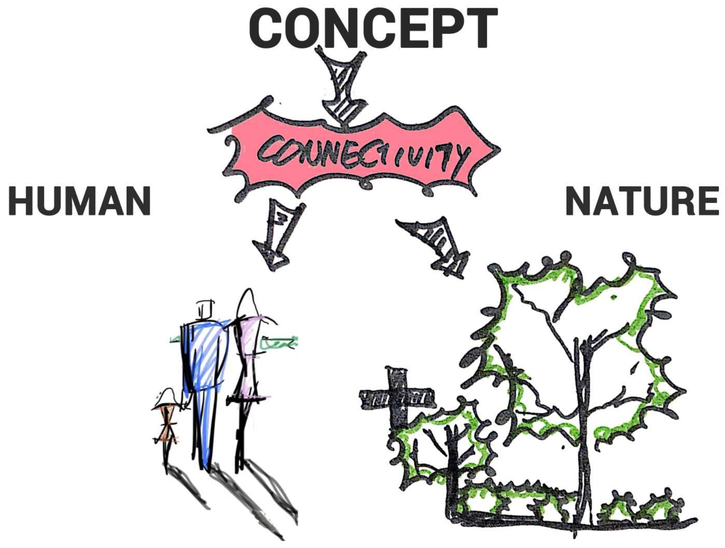
PERSPECTIVE 02

ADRIAN CHEENG SENG CEE 1001336003

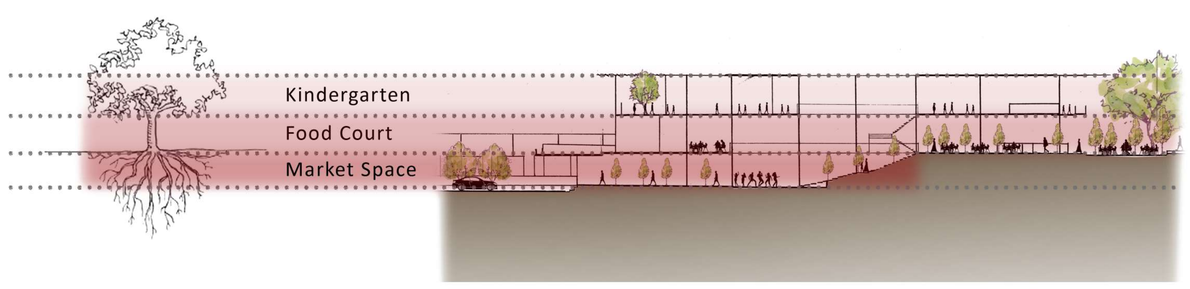
# MARKET IN THE FOREST

## REINVIGORATION OF THE WET MARKET THROUGH CONNECTIVITY WITH HUMAN AND NATURE

## CONCEPT




## ZONING



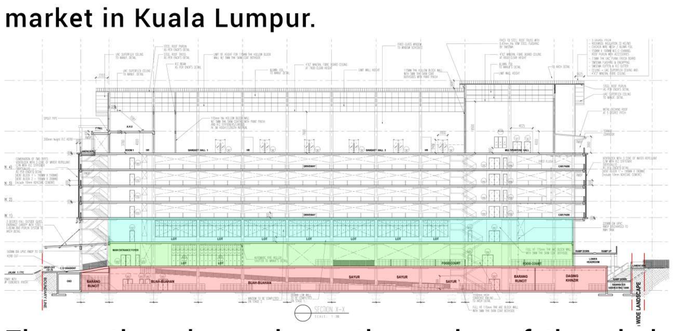

## CASE STUDY

### ICC Pudu, Kuala Lumpur






ICC Pudu as a case study for the zoning. The ground floor of ICC Pudu is food court area and eatery stalls. The wet market is actually at the lower ground. By do this, it is able to keep all the smell and wet area away from the main area. It keep all the eatery stalls at the ground floor which make the entrance of the building very happening.
The image on the left shown that the wet market is tidy and clean although it is located at the lower ground floor. There are some down side of this layout, the major issue the ventilation. ICC Pudu needs well planned mechanical ventilation. Overall ICC Pudu are one of the successful modern wet market in Kuala Lumpur.



The section above shown the zoning of the whole market. Wet market located at the lower ground floor, food court located at the ground floor and retail shops located at first floor.

### Hanazono Kindergarten and Nursery, Japan





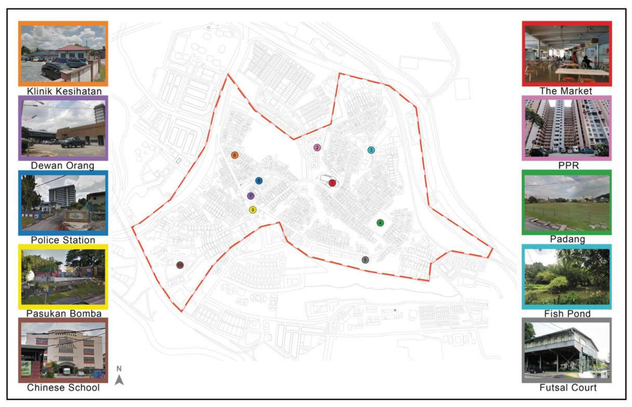

Hanazono Kindergarten and Nursery were designed by HIBINOSEKKEI + Youji no Shiro. The Building is required to close for making shade and also open for ventilation, because of the environment that hotness and humid by many typhoon attacks. As the diagram shown on the right, take advantage of this thin site, the first floor placed playground , studio, atelier, courtyard, dining continuous and it became one large space and wind blows through when open windows. Children do sound play in the studio and do production activity in the atelier, and can enjoy lunchtime while feeling the comfortable wind in the dining. A playground and dining garden has traditional plant FUKUGI and GAJUMARU, and feel a seasonal change in bear fruits. The open terrace between the two classes can act as adaptive study area or learning area for the children. They are able to learn in the way that they feel most comfortable.





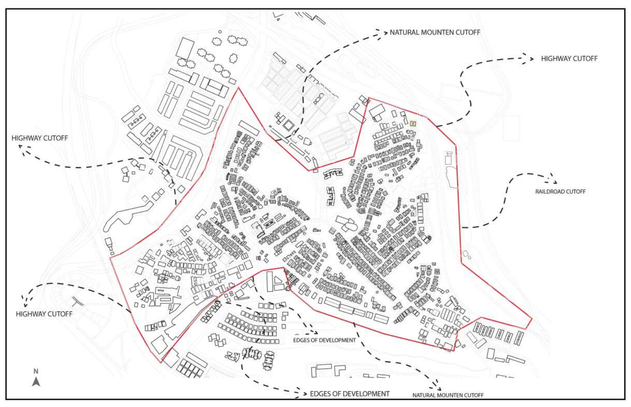
## SITE ANALYSIS

### Urban Structure



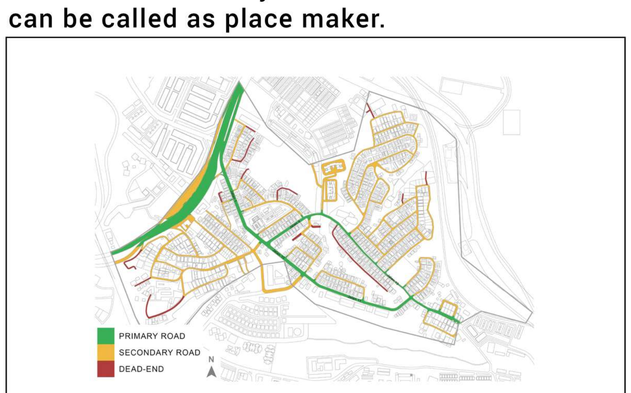

### Landmark

Kg. Baru Salak Selatan there is no any recognisable vertical element that can identified as landmark. There are few places that used by the locals to identify location to outsiders which can be called as place maker.



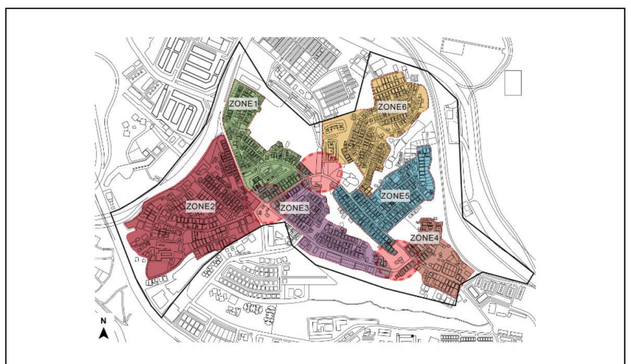

### EDGES

In Kg. Baru Salak Selatan there are many highway cutoffs due to all the expressway surrounding the village.




### Paths

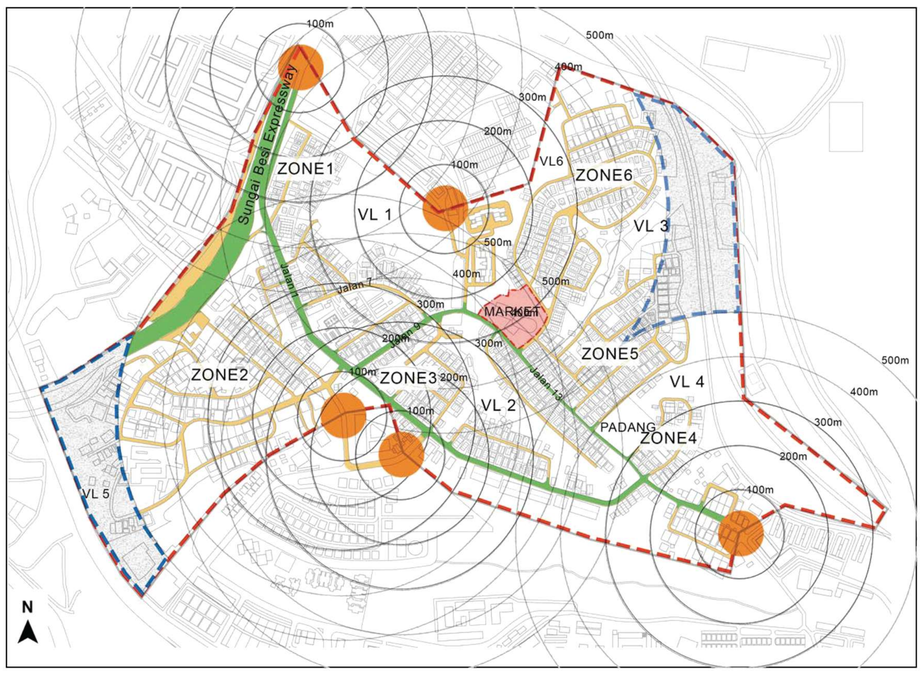
The significant path in Kg. Baru Salak Selatan is the one road coming from the expressway which is Jalan 1 extending through the village until it reaches Jalan 13. The secondary roads are used by both vehicle and pedestrian.




### District & Nodes

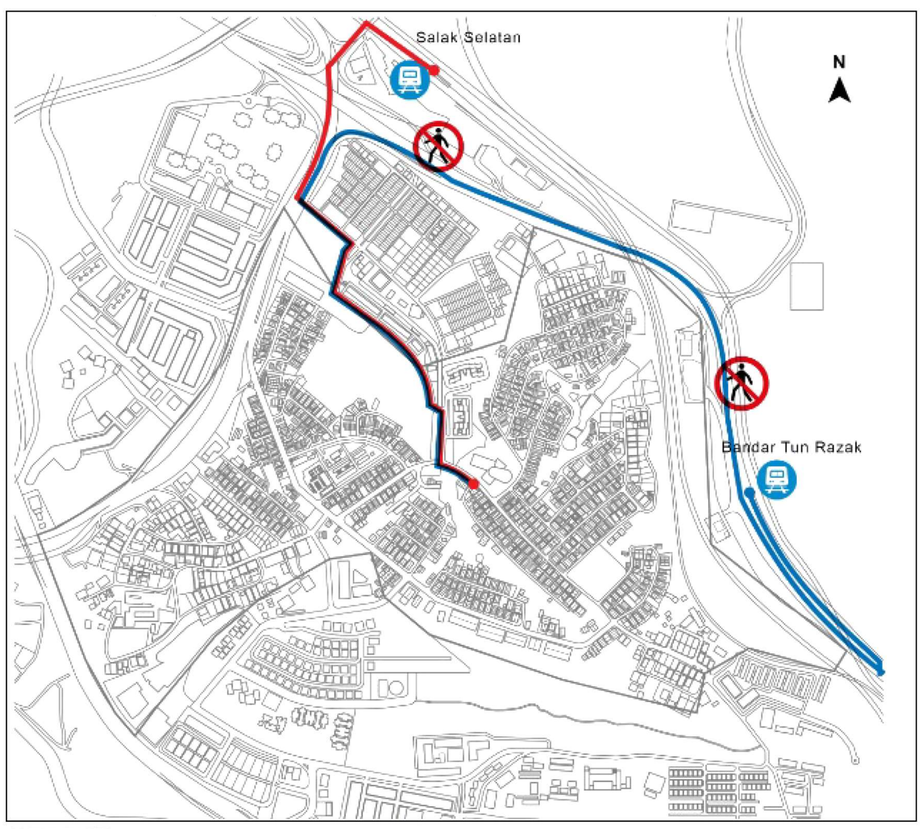
It is hard to identify the district in Kg. Baru Salak Selatan as the earliest planning is not well-planned. Throught our observations in the village, we come out with 6 zones that based on the circulations of the area. By creating these zones, we created three potential major nodes.

### Urban Structure




There are five access point into the village. The areas highlighted in blue are difficult to reach by walking.

PRIMARY ROAD
SECONDARY ROAD
ACCESS POINT




There are two train stations very close to the village, but there is no provision for access.
The villagers need to take secondary transportation to reaach the village. From Bandar Tun Razak Station will be 12 minutes drive and from Salak Selatan will be 4 minutes drive.

LEGEND:

5.8 km from Bandar Tun Razak - 12 minutes driving

1.5 km from Salak Selatan - 4 minutes driving

### S.W.O.T

| ELEMENT | ITEM | STRENGTH | WEAKNESS | OPPORTUNITY | THREAT |
|---|---|---|---|---|---|
| Financial | New Salak South Village public market | • Main interaction space for villagers<br>• Main place for people to shop for daily essential<br>• A place for people to eat<br>• Cleanliness | • Badly placed loading bays<br>• Unpleasant entrance from parking lot<br>• Lack of parking space<br>• Over provision of stalls<br>• Lack of accessibility for disabled or elderly people<br>• Lack of public toilet on ground floor & 1st floor<br>• Lack of stall diversity | • Rearrangement of stall for a better layout to promote better businesses<br>• Provide better facility for disabled & the elderly<br>• Provide additional car parking | |
| Economy | New Salak South Village public market | • Focal point for businesses<br>• Main place for people to shop for daily essential<br>• A place for people to eat | • Lack of diverse shoppers<br>• Lack of diverse shops<br>• Challenging for small individual business<br>• Specific spending group<br>• Mostly elderly people | • Impose limitation for same specific type of business<br>• Reorganize the layout, time, type of stalls of market to improve business<br>• Improve facilities like lifts, clean public toilet.<br>• Provide proper & welcoming entrance for better user experience | |
| ENVIRONMENT (NATURAL) | Existing 3 green pockets | • Oxygen Resource<br>• Strong linkage between house zones | • Breaking up the existing connection<br>• Greeneries are outgrown | • To create linkage between housing zone<br>• Restore natural habitat<br>• To create recreational park | • Potential breeding ground for mosquito.<br>• Potential criminal hiding spot |

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# PROPOSED MASTERPLAN

BUSINESS HUB



Proposed new business hub with steel structure.



Existing low cost housing apartment. 18 storey height.

TRANSPORTATION HUB



Proposed new transportation hub (KTM train station) to have public access to the village.

URBAN PARK



PPR Salak Selatan

Proposed new playground integrated into the contour.



Proposed new urban park that linking to the transportation hub.



BIRD SANCTUARY BY OTHERS

Proposed bird sanctuary by others.




MARKET



Proposed new integrated shortcut to the urban park.

COMMUNITY HALL



Existing dewan orang ramai.



Proposed new street with outdoor seating.

INJECTED GREEN INFRA



Proposed new sport complex for the local.

SPORT COMPLEX

N

SITE PLAN
1:750

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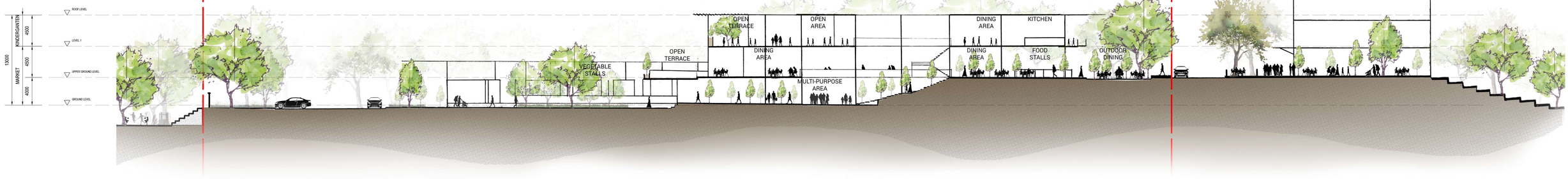
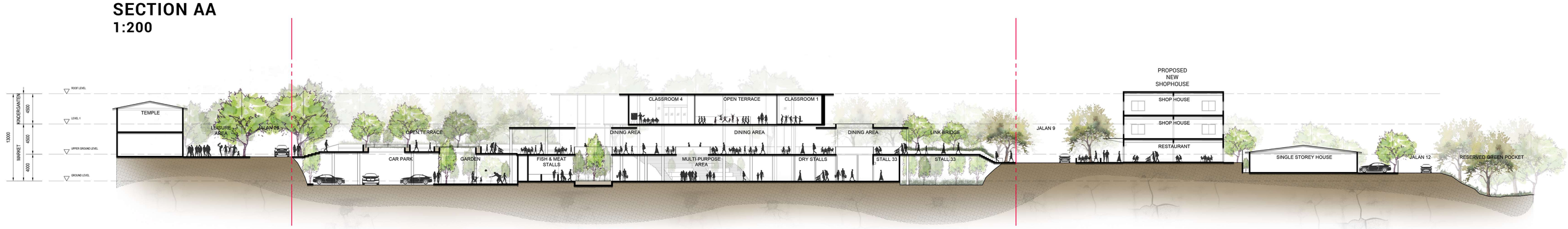



## SECTION AA
1:200




## SECTION BB
1:200



SECTIONAL PERSPECTIVE

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PLAYGROUND

FUTSAL

Jalan 26

Jalan 22

Jalan 9

Jalan 12

Jalan 21

PRL51.50

PRL47.00

PRL46.00

PRL47.15

PRL48.00

PRL51.00

PRL52.00

PRL51.15

CO2 SYSTEM SWITCH REAR ROOM

CO2 SYSTEM MSB ROOM

SUCTION TANK ROOM

BIO WASTE RECYCLE ROOM

REFUSE CHAMBER

LOADING/ UNLOADING

DROP OFF

VEGETABLE STALL

FISH & CHICKEN STALLS

PROCESSING ROOM

REFUSE ROOM

NON-HALAL STALLS

MULTI-PURPOSE AREA

OKU WASHROOM

MANAGEMENT OFFICE

WASHROOM

DRY STALLS

OPEN TERRACE

DINING AREA

VOID

STALL 1

STALL 2

STALL 3

STALL 4

STALL 5

STALL 6

STALL 7

STALL 8

STALL 9

GRAND STEPS

ANCILLARY ROOM

SECURITY ROOM

OUTDOOR DINING AREA

N

## GROUND FLOOR PLAN
1:250

## UPPER GROUND FLOOR PLAN
1:250

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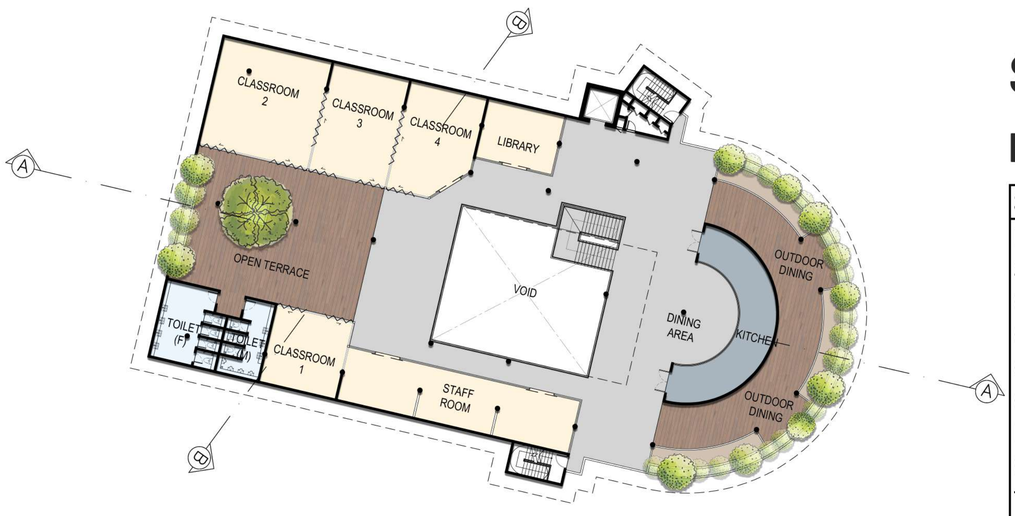



N

## FIRST FLOOR PLAN
1:250

# SCHEDULE OF ACCOMMODATION

## KINDERGARTEN SOA

| SPACE | AREA (msq) |
|---|---|
| LOBBY | 100 |
| STAFF ROOM | 85 |
| CLASS ROOM 1 | 40 |
| CLASS ROOM 2 | 80 |
| CLASS ROOM 3 | 56 |
| CLASS ROOM 4 | 52 |
| LIBRARY | 30 |
| OPEN TERRACE | 170 |
| TOILET (M&F) | 57 |
| DINING AREA | 100 |
| OUTDOOR DINING AREA | 190 |
| KITCHEN | 55 |
| SERVICES | 250 |
| **TOTAL** | **1265** |

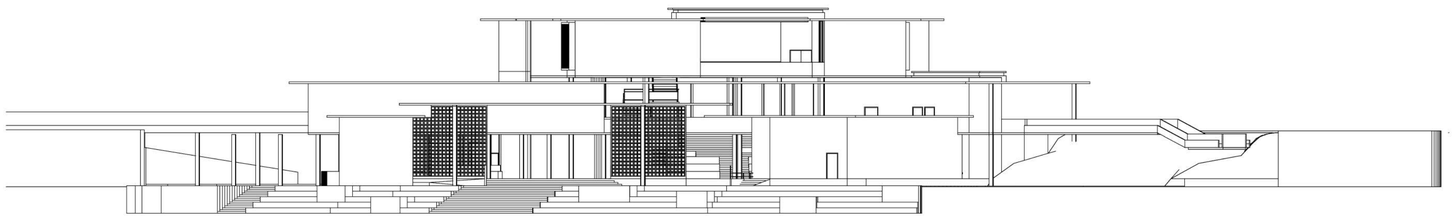
## MARKET SOA

| SPACE | AREA (msq) |
|---|---|
| LOBBY | |
| VEGETABLE STALL | 600 |
| MEAT STALL | 575 |
| DRY STALL | 450 |
| NON-HALAL STALL | 255 |
| FOOF COURT | 1770 |
| TOILET (M&F) x 2 | 170 |
| SERVICES | 955 |
| **TOTAL** | **4775** |

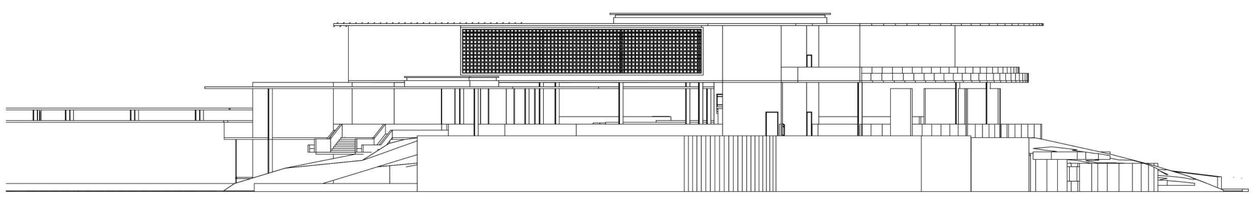
| | |
|---|---|
| **GRAND TOTAL** | **6040** |

## SITE INFO

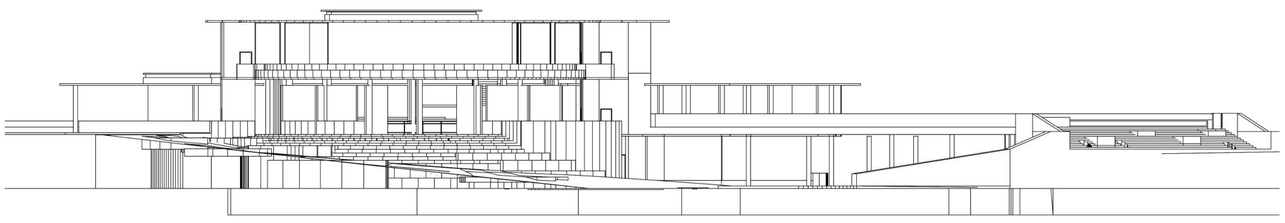
| | |
|---|---|
| **SITE AREA** | **12460** |
| **PLOT RATIO** | **2** |
| **TOTAL BUILDABLE AREA** | **24920** |
| **LAND USE** | **LOCAL COMMERCIAL (LC)** |



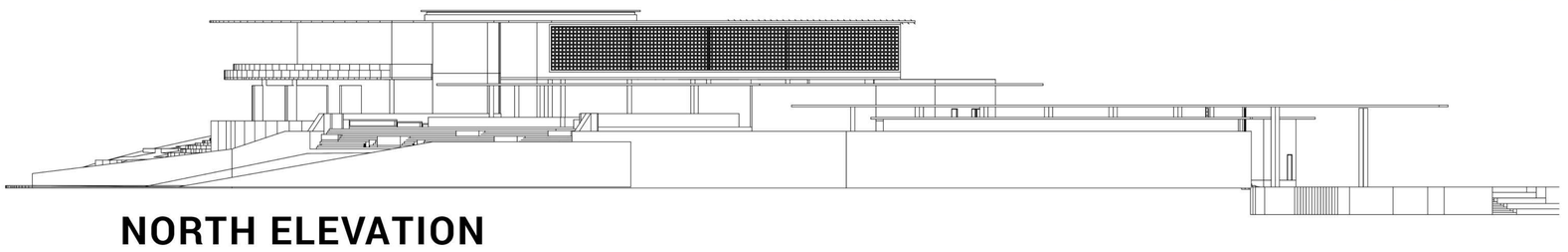
## WEST ELEVATION
1:250



## SOUTH ELEVATION
1:250

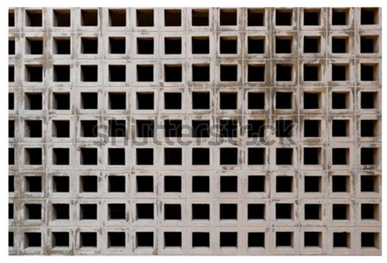
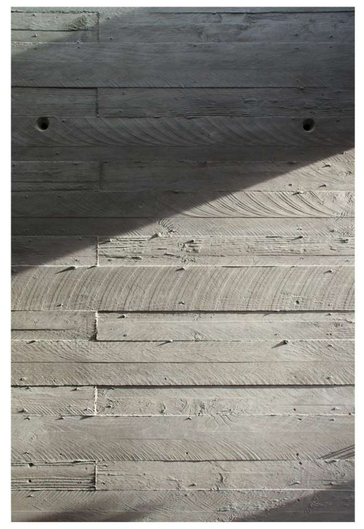


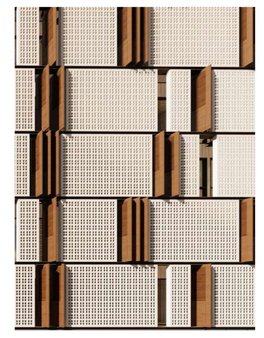
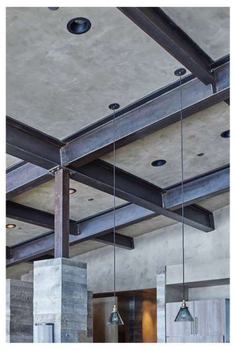
## EAST ELEVATION
1:250



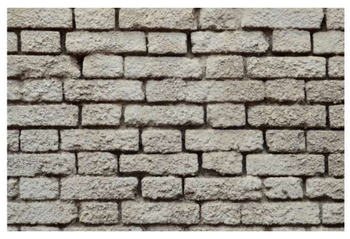
## NORTH ELEVATION
1:250

## MATERIALS

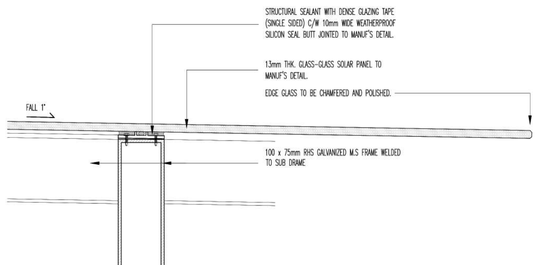



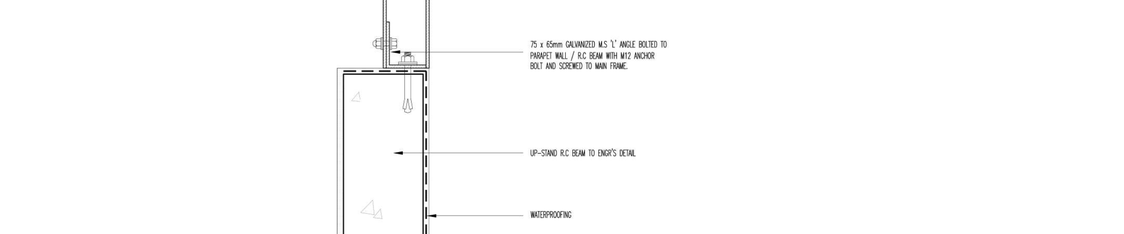






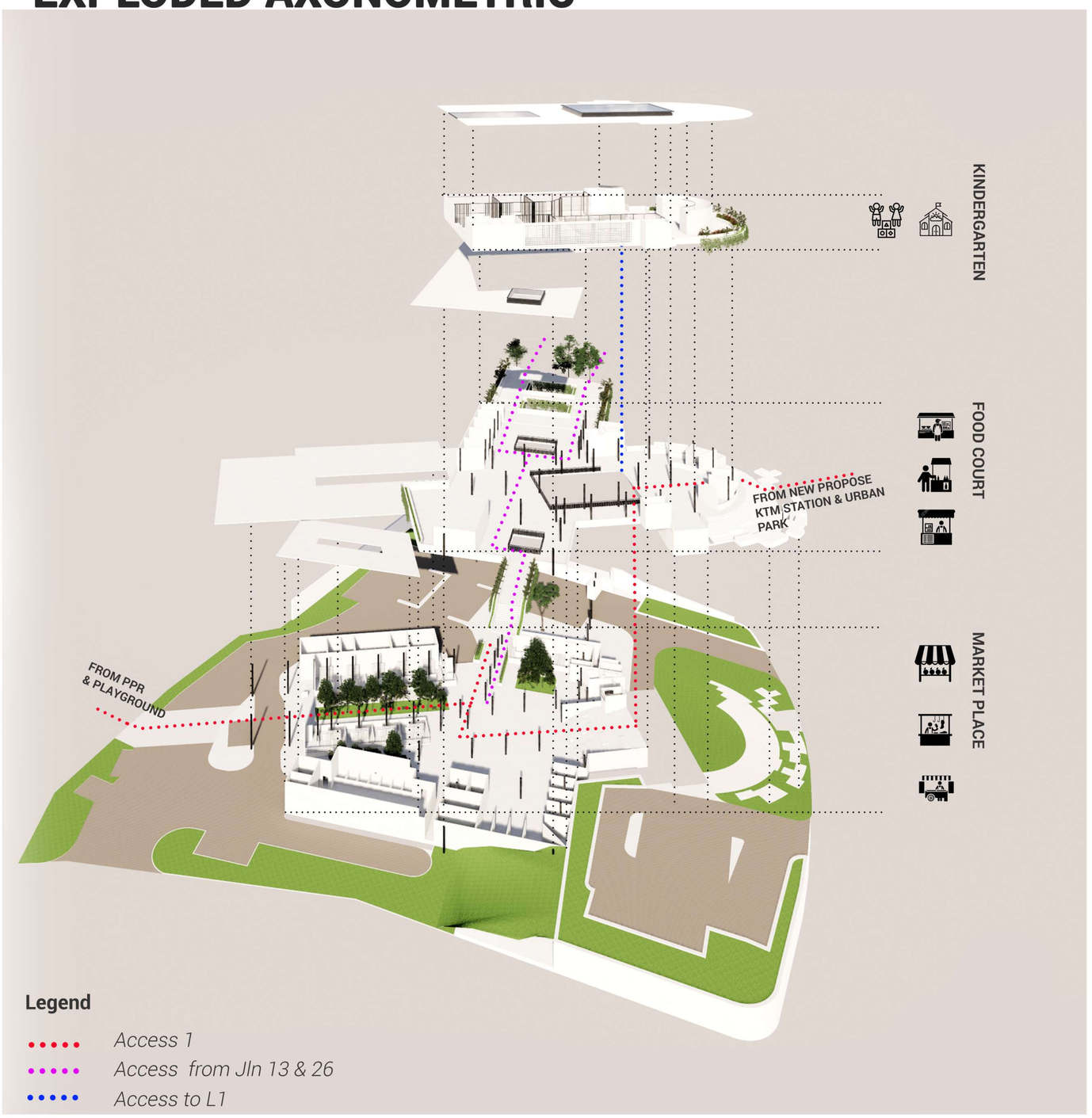


## DETAIL 01 : TRANSPARENT ROOF
SCALE 1 : 5



## DETAIL 02 : PLANTER BOX
SCALE 1 : 10

# EXPLODED AXONOMETRIC

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# STREETS PERSPECTIVES



LOOKING FROM THE PLAYGROUND.



LOOKING FROM JALAN 13.



LOOKING FROM JALAN 22.



LOOKING FROM THE LEFT OVER SPACE BESIDE JALAN 26.

# INTERIOR PERSPECTIVES



KINDERGGARTEN.



FROM THE DROP OFF.

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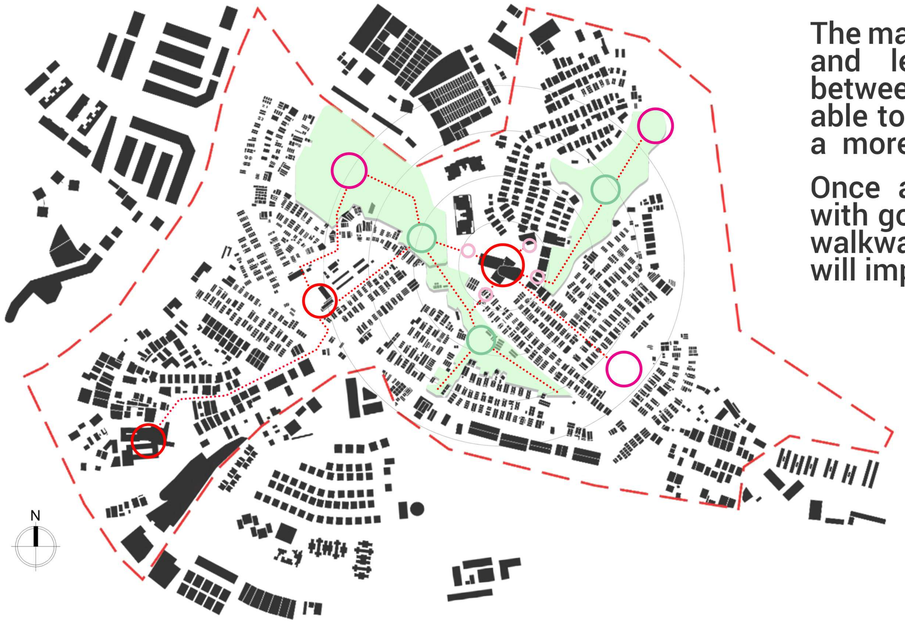
# MARKET IN THE FOREST

## MASTER PLAN CONCEPT

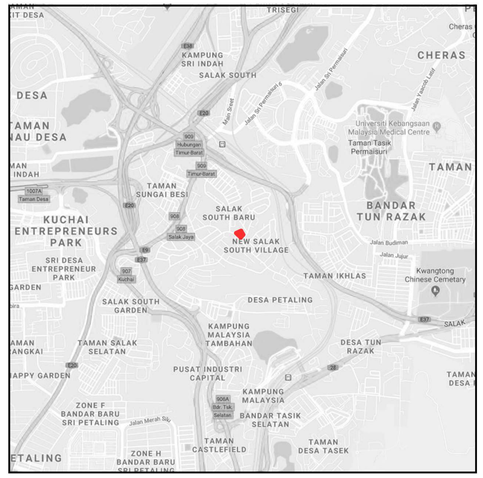



The masterplan focuses on the potential nodes and leftover green pockets. Connectivity between all these nodes and green pockets are able to rejuvenate Kg. Baru Salak Selatan into a more well connected and functioning village.

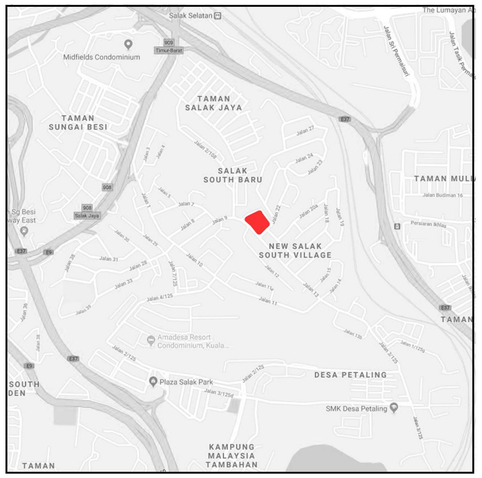
Once all these connections are established with good urban infrastructure and pedestrain walkways, the connectivity within the villagers will improve.

Legend

- *Pedestrian Trail*
- *Existing Nodes*
- *Proposed Nodes*
- *Existing Green Pockets*
- *Immediate Potential*




**KEY PLAN**
**NTS**




**LOCATION PLAN**
**NTS**



**MARKET (VEGETABLE/FRUITS AREA)**



**FROM UPPER GROUND LOOKING TO MULTI-PURPOSE STAIRCASE.**