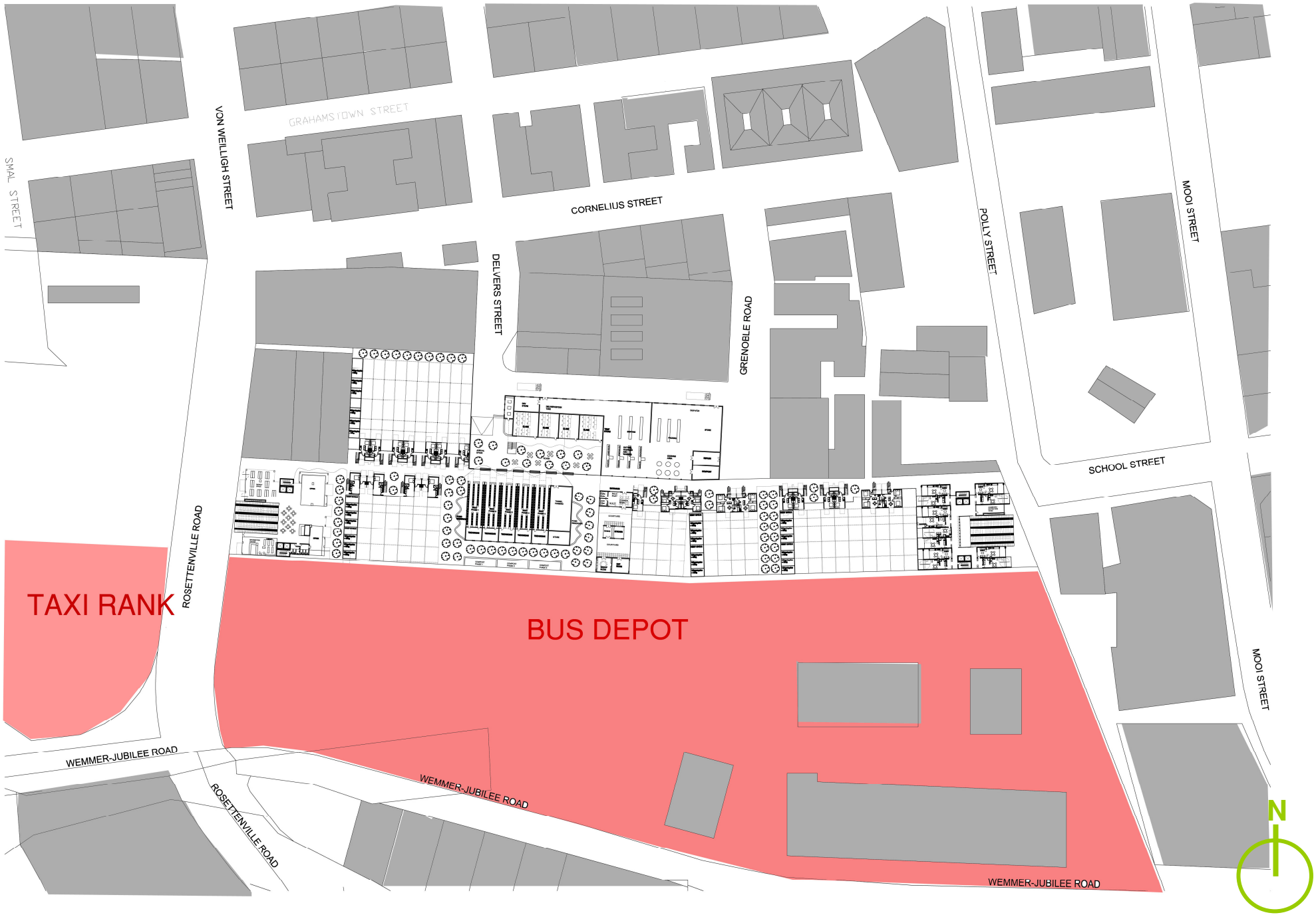
PERMACUL[TEC]TURE growing for the future

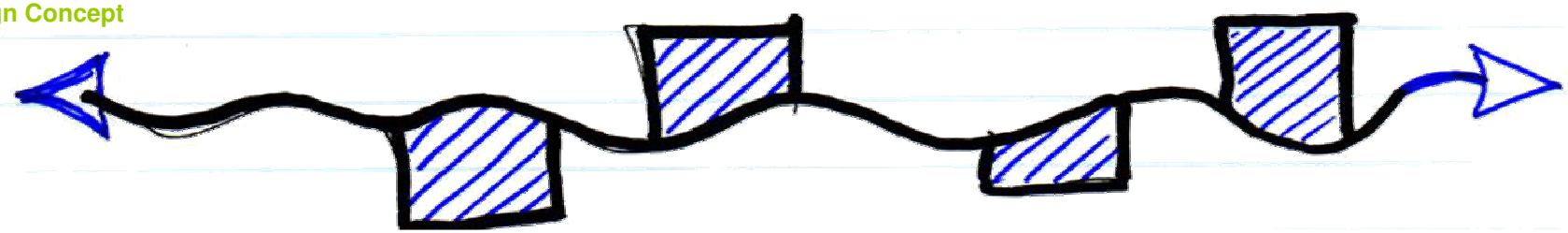
Creating an intervention for the rapid new urban migration of the inner city of johannesburg

Final Design Site Plan

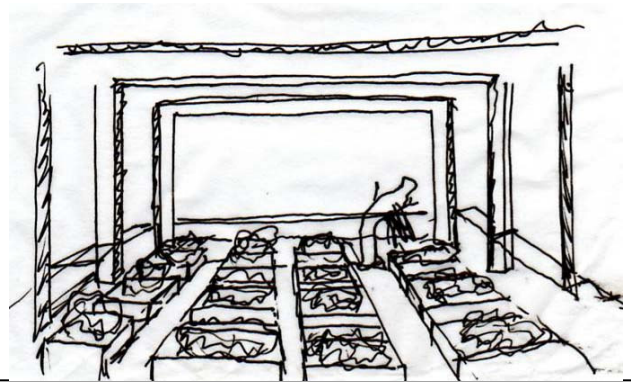


FINAL DESIGN

Final Design Concept



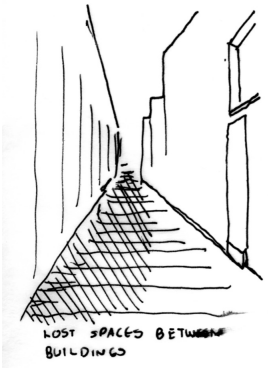


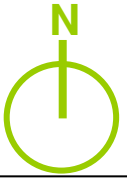


Final Design Concept

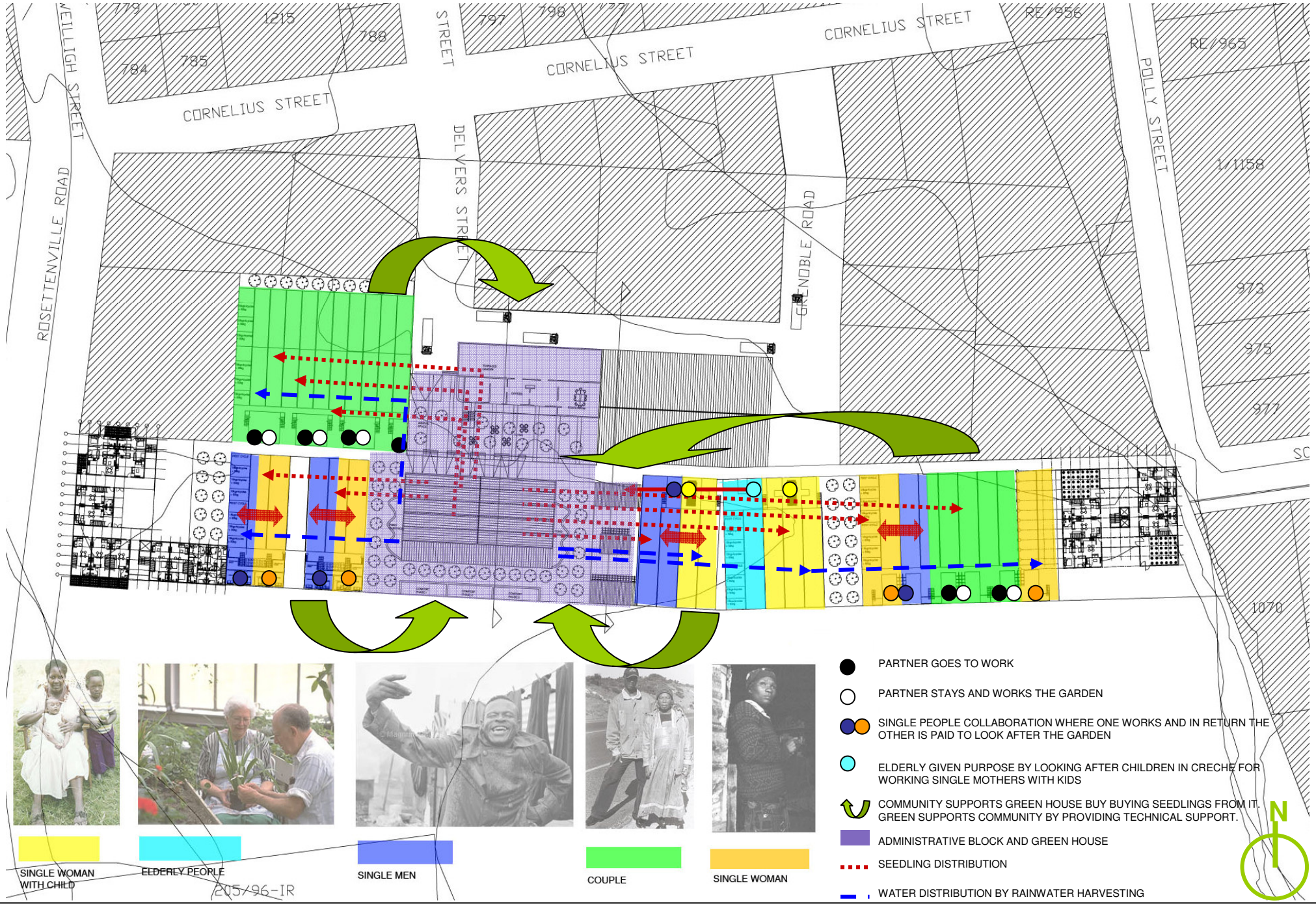
The green spine explores the concept of the public and private spaces

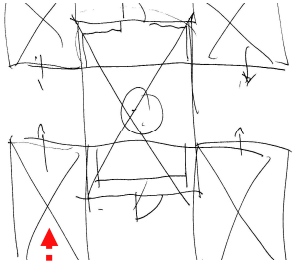
PRIVATE **PUBLIC**

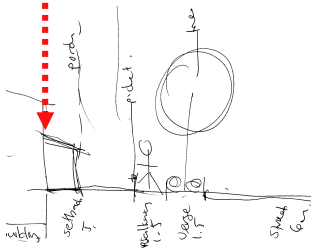




Final Design Programme System

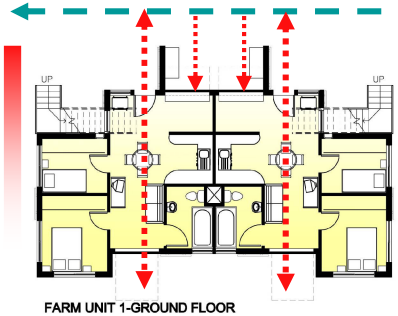




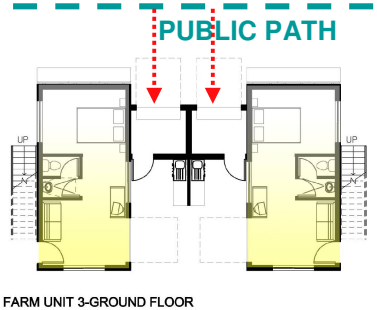


PRIVATE PUBLIC

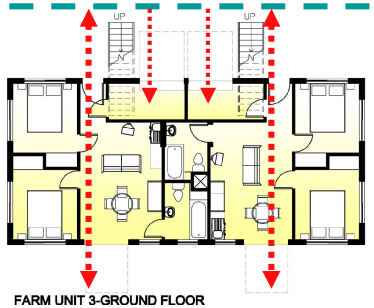
PUBLIC PATH



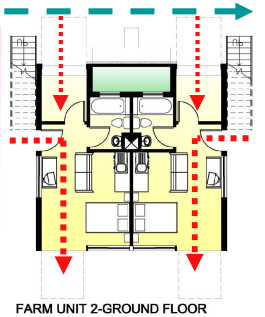
FARM UNIT 1-GROUND FLOOR



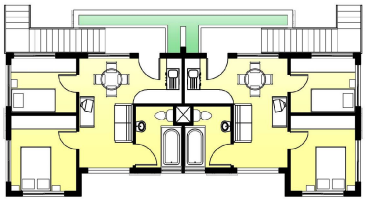
FARM UNIT 3-GROUND FLOOR

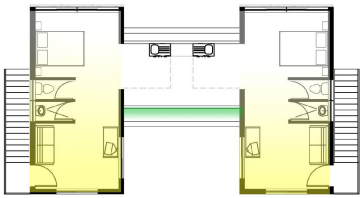


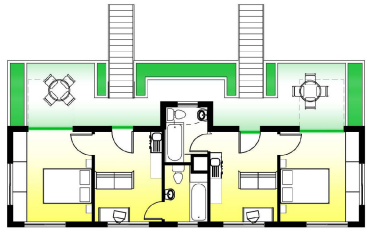
FARM UNIT 3-GROUND FLOOR

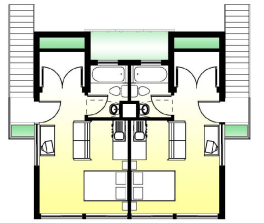


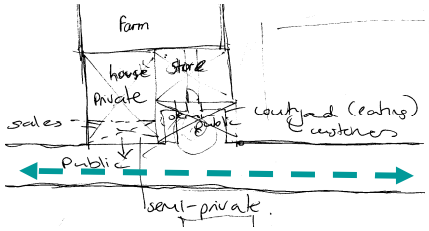
FARM UNIT 2-GROUND FLOOR



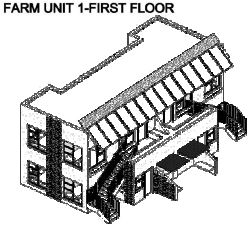




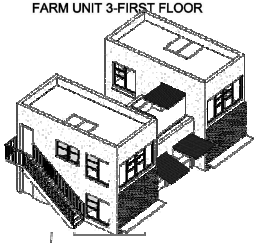




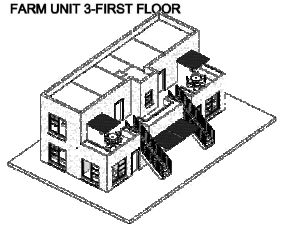
FARM UNIT 1-FIRST FLOOR



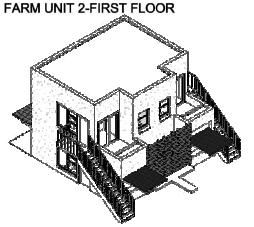
FARM UNIT 3-FIRST FLOOR

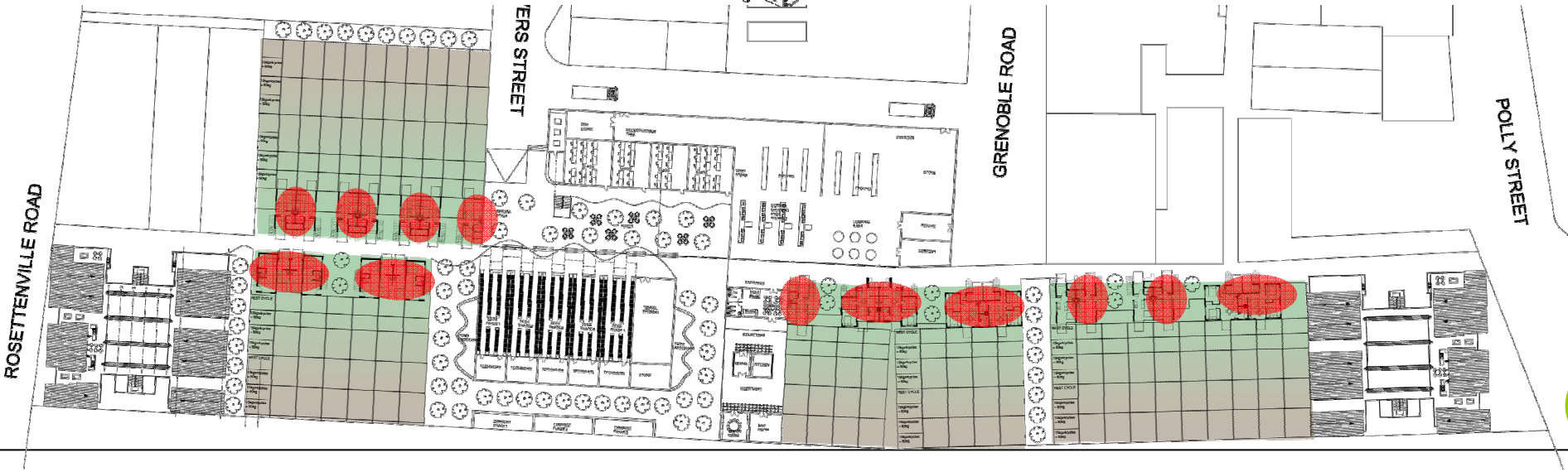


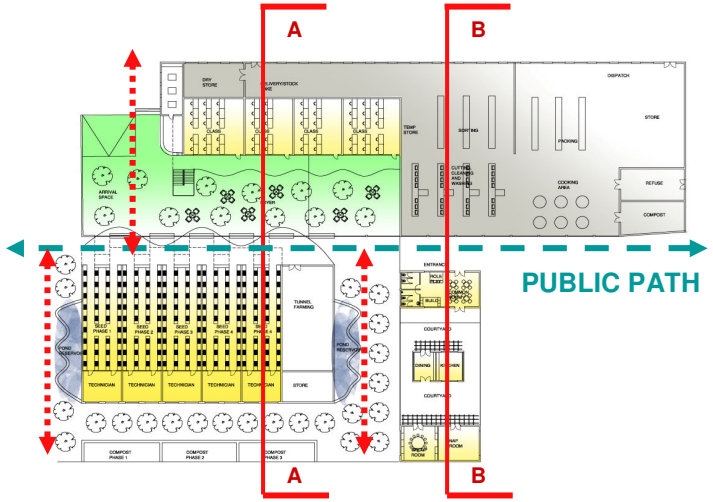
FARM UNIT 3-FIRST FLOOR



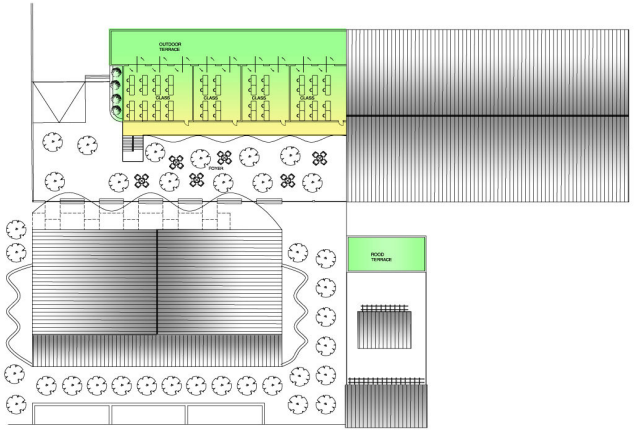
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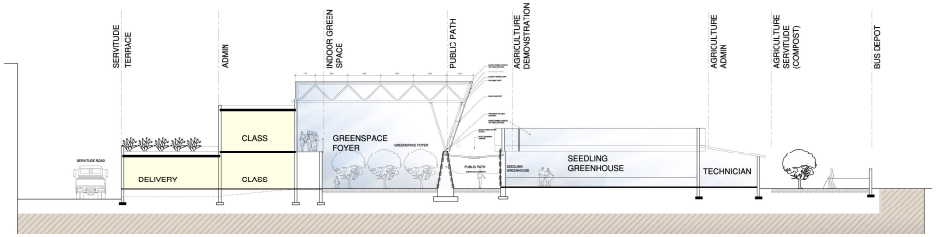




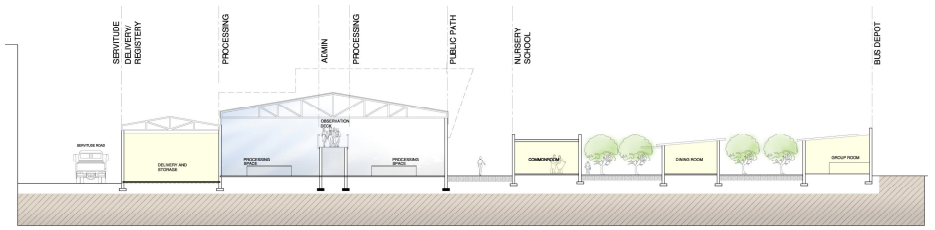
GROUND FLOOR



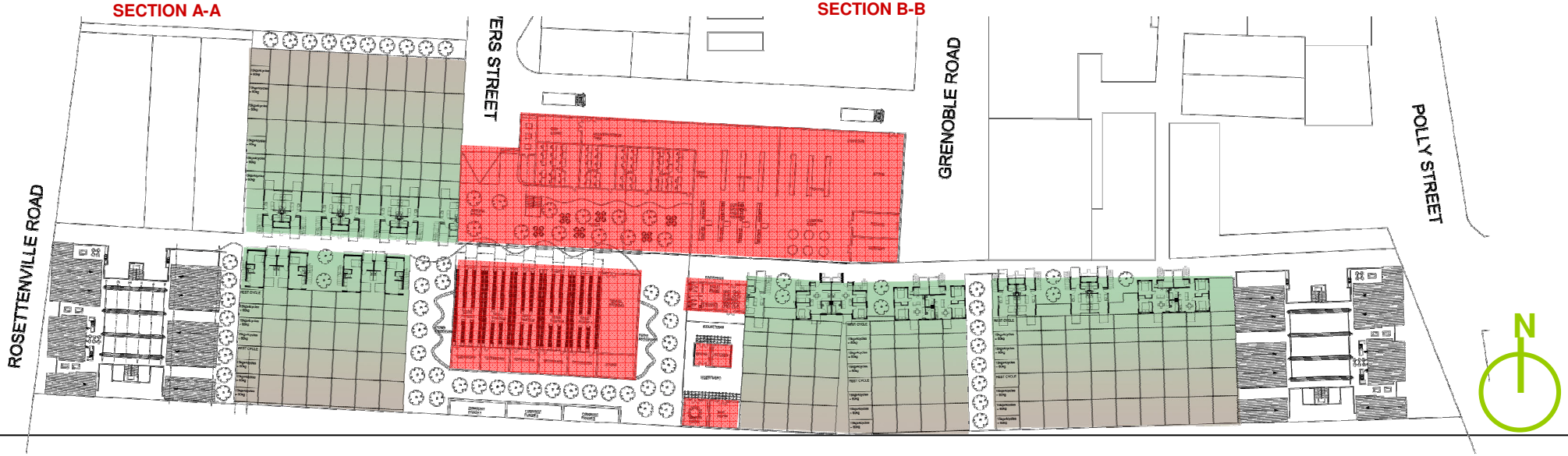
FIRST FLOOR

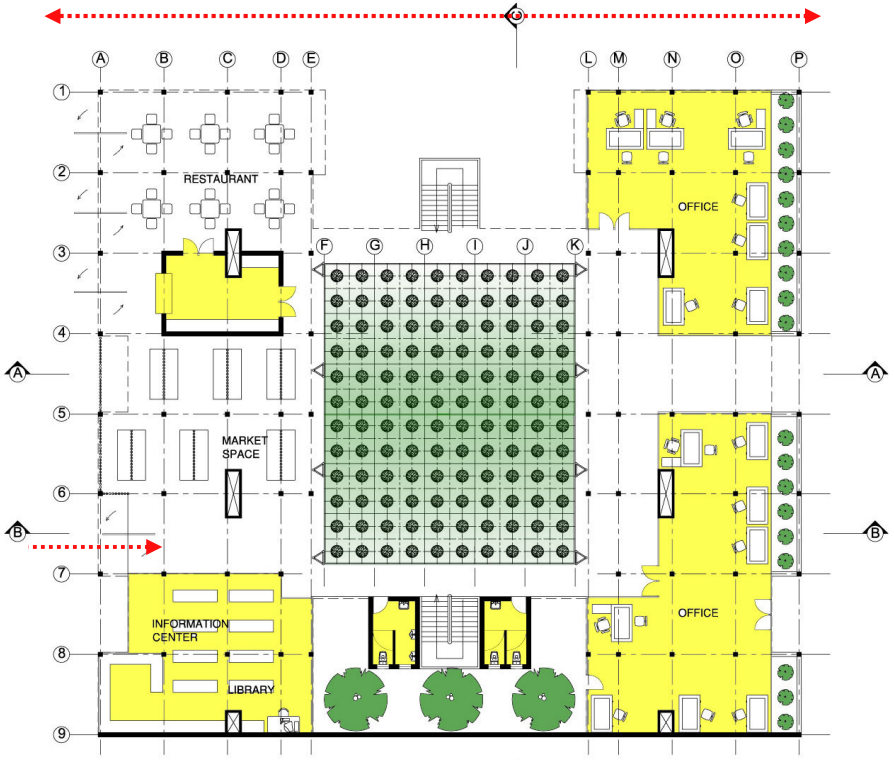


SECTION A-A



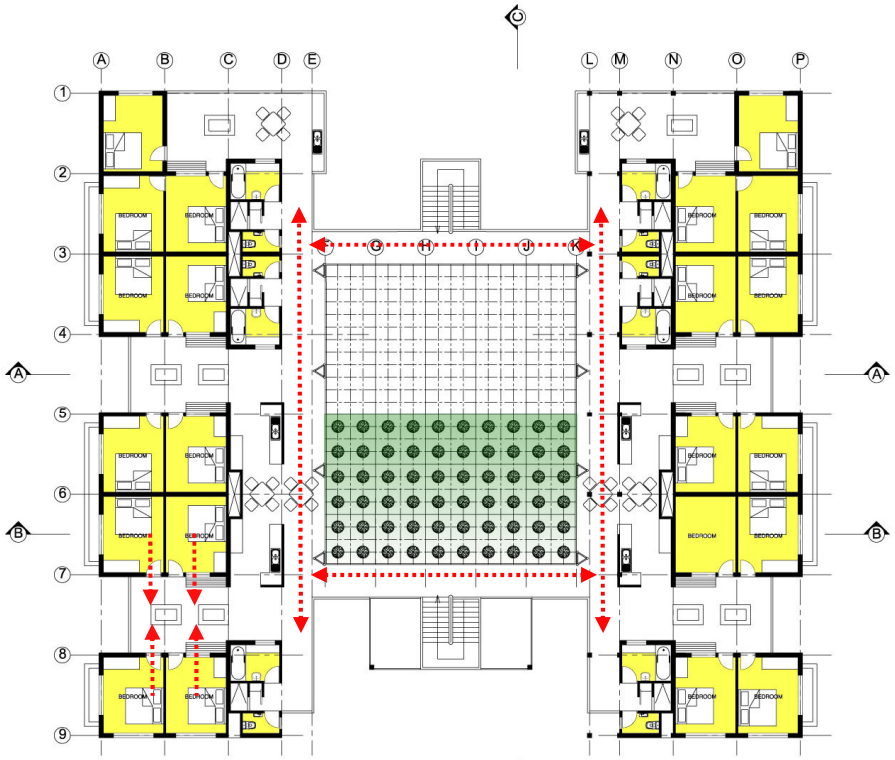
SECTION B-B





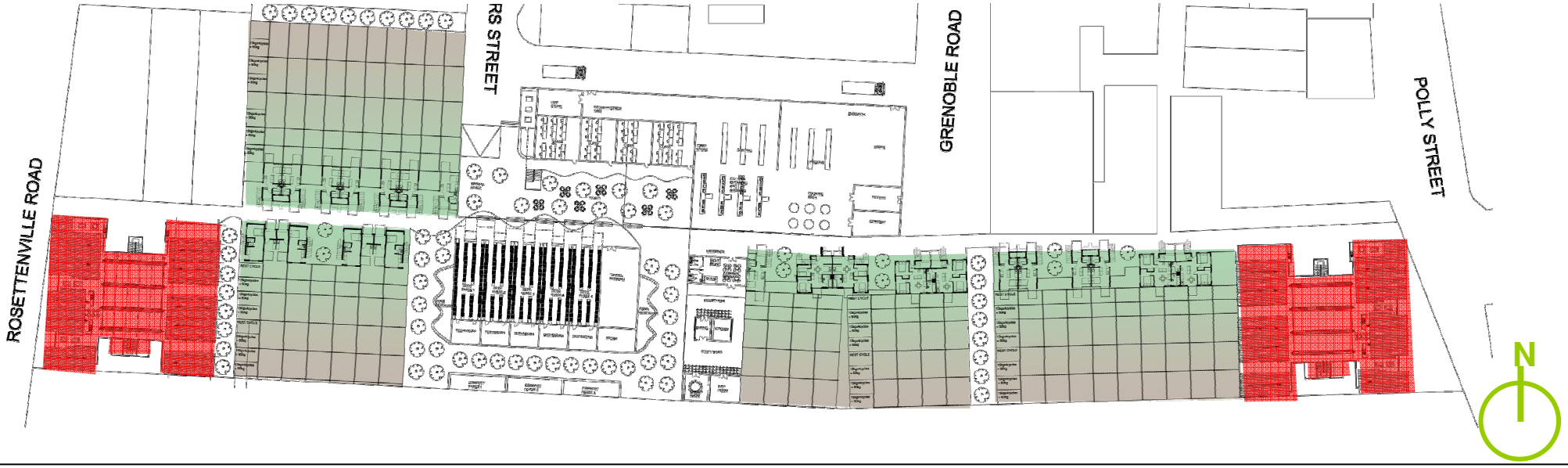
GROUND FLOOR PLAN

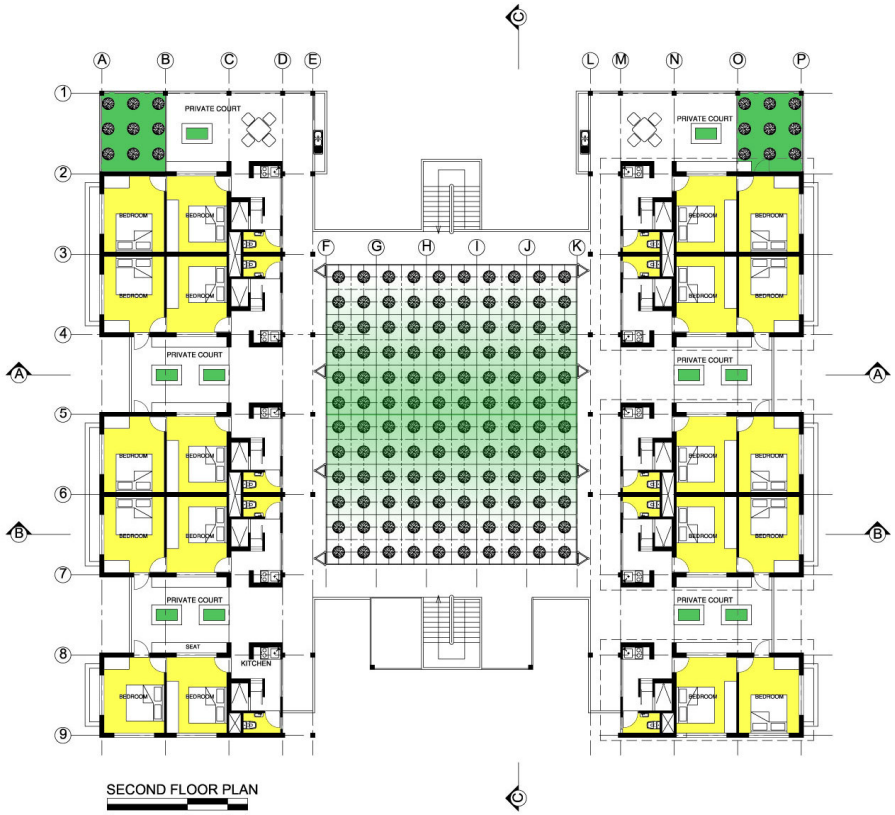
0 4 2 1



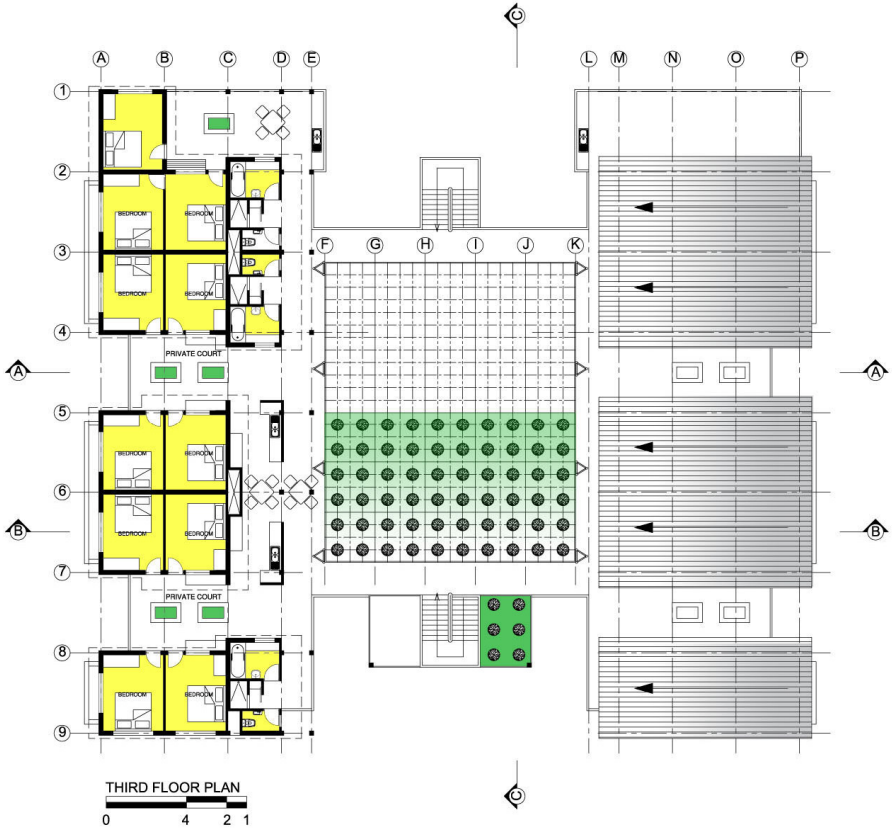
FIRST FLOOR PLAN

0 4 2 1

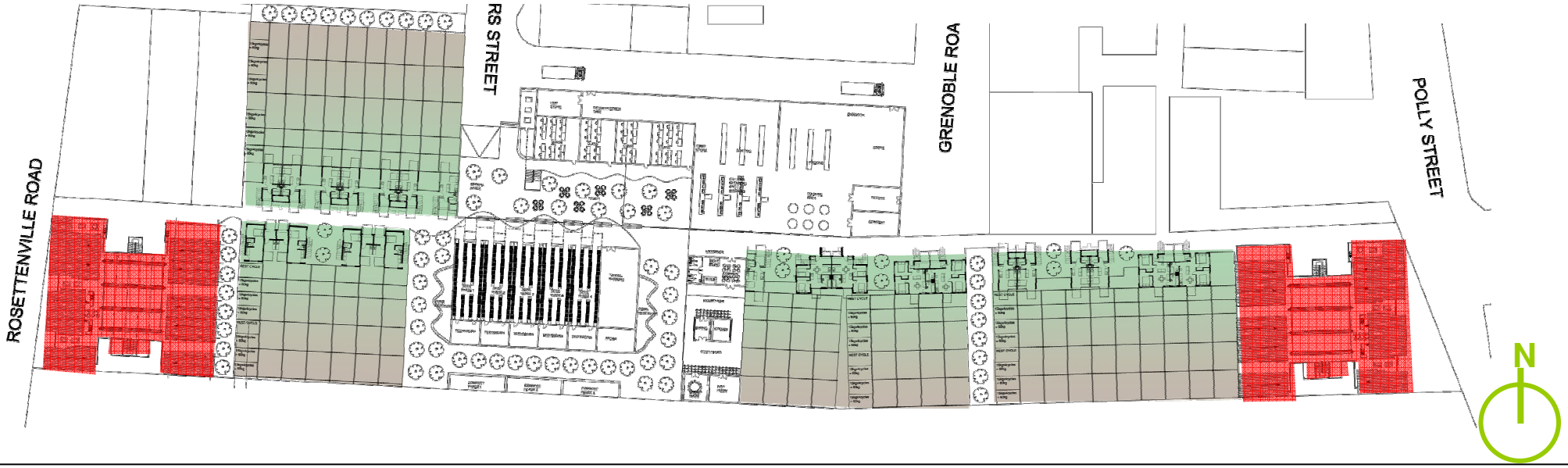


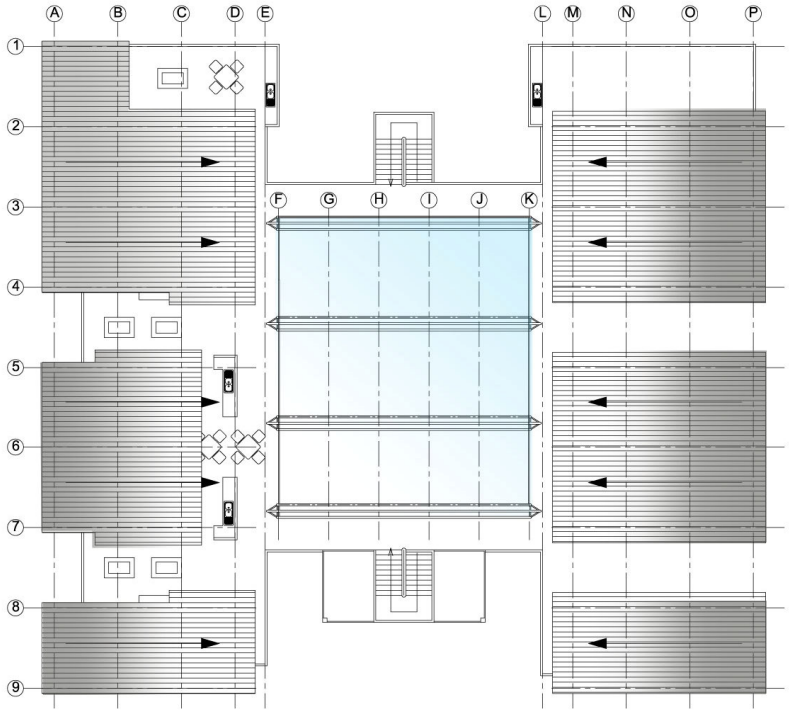


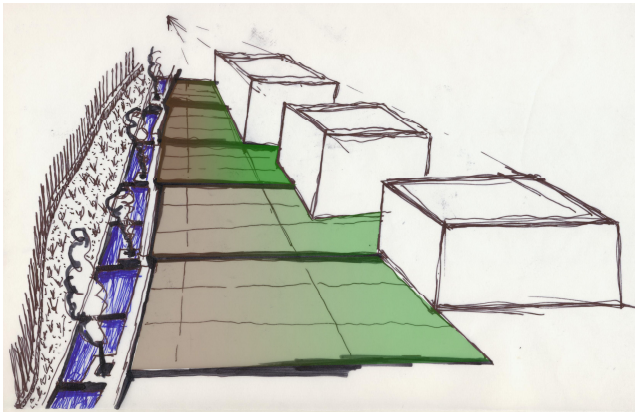
SECOND FLOOR PLAN
0 4 2 1



THIRD FLOOR PLAN
0 4 2 1

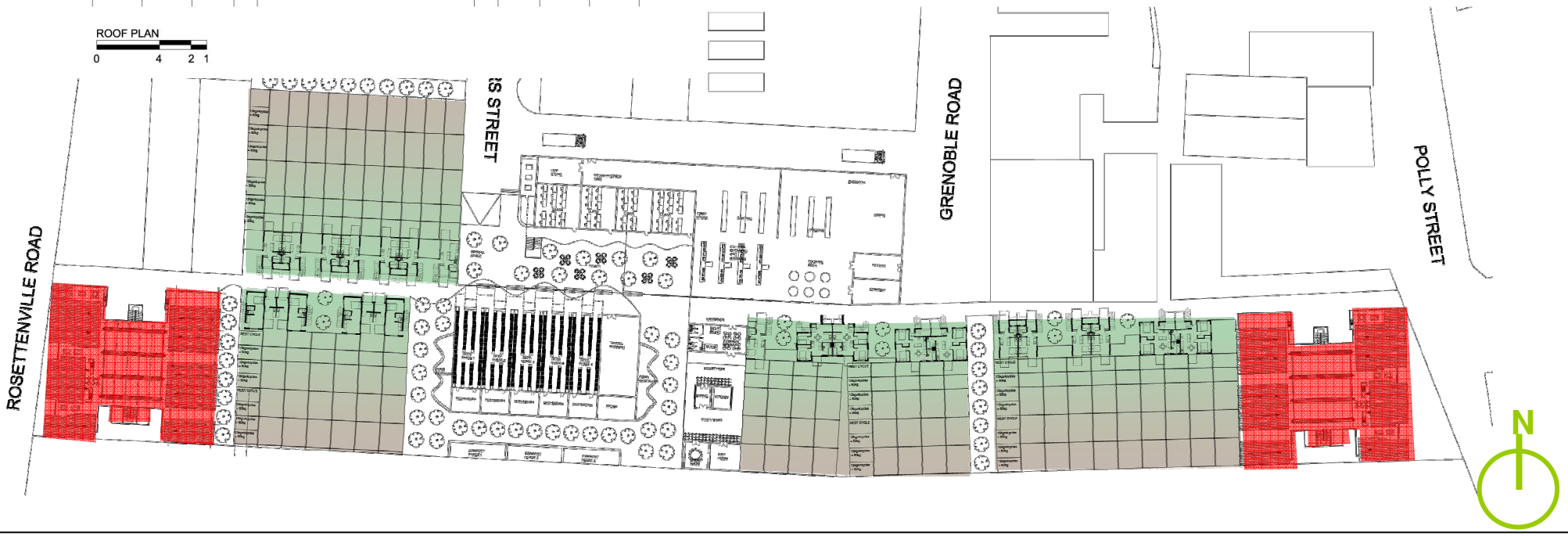


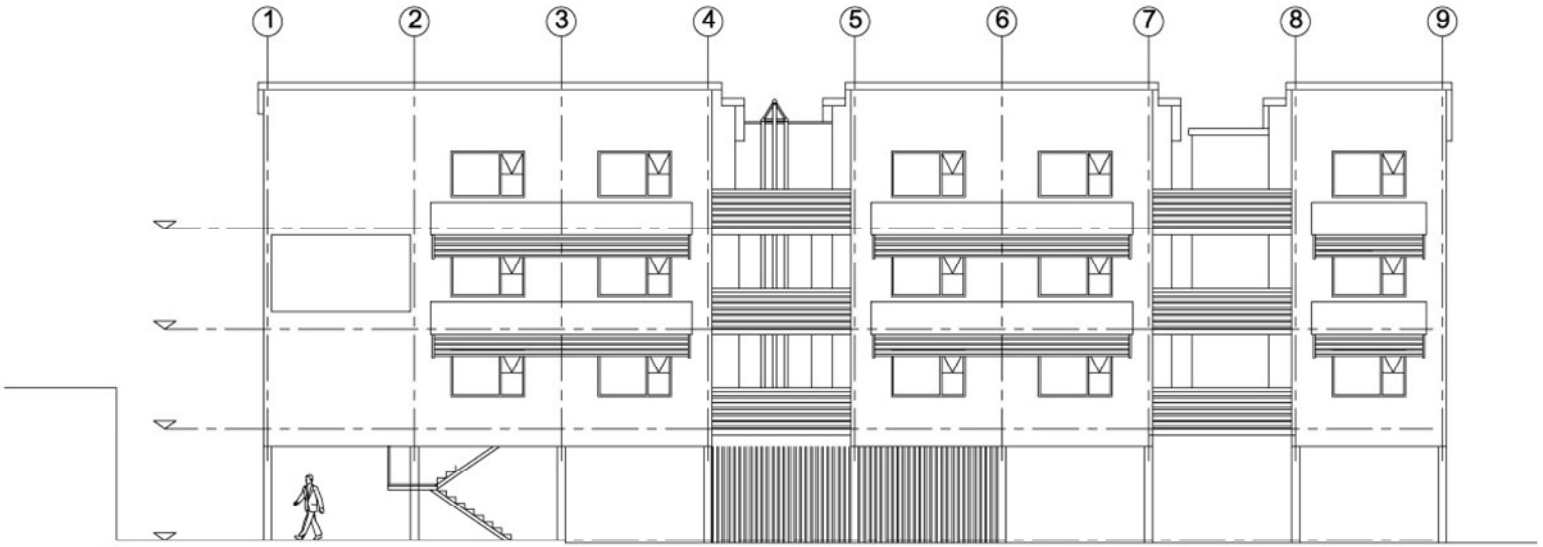




Progression of public (green) to private (brown)- farming

ROOF PLAN
0 4 2 1





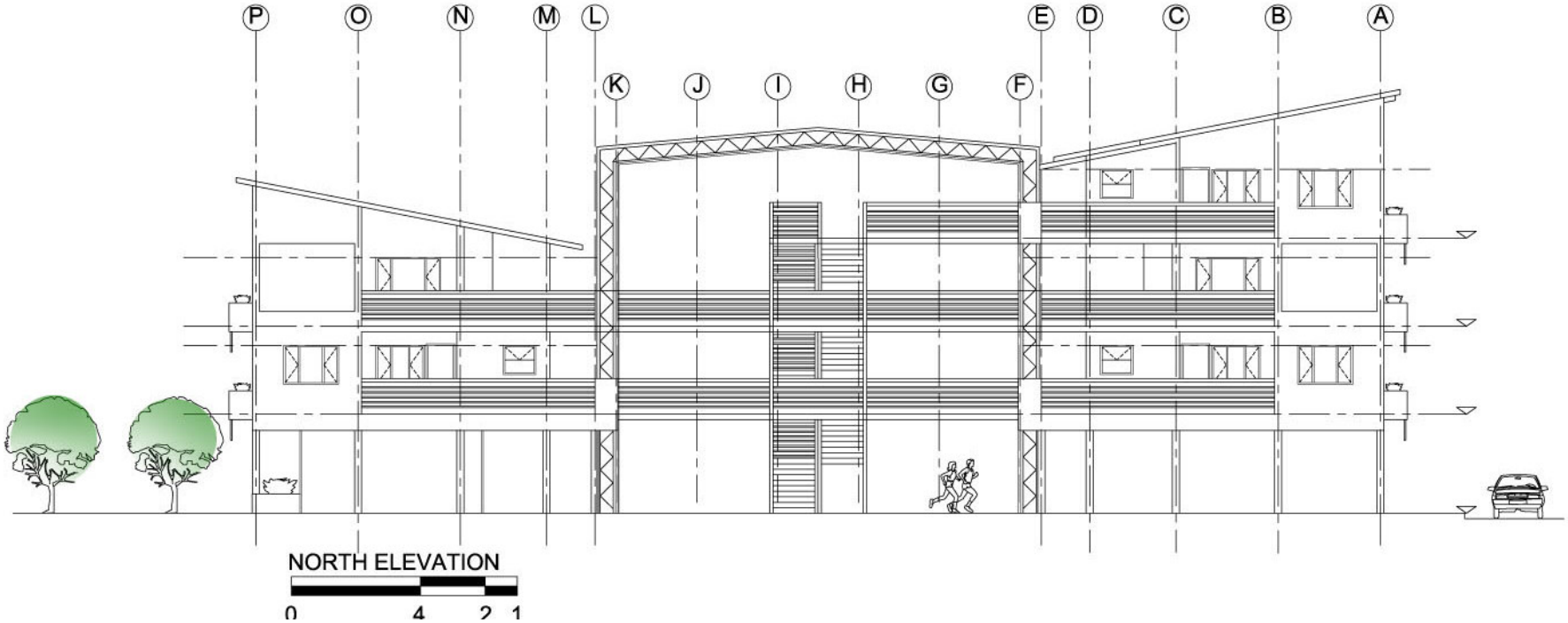
WEST ELEVATION

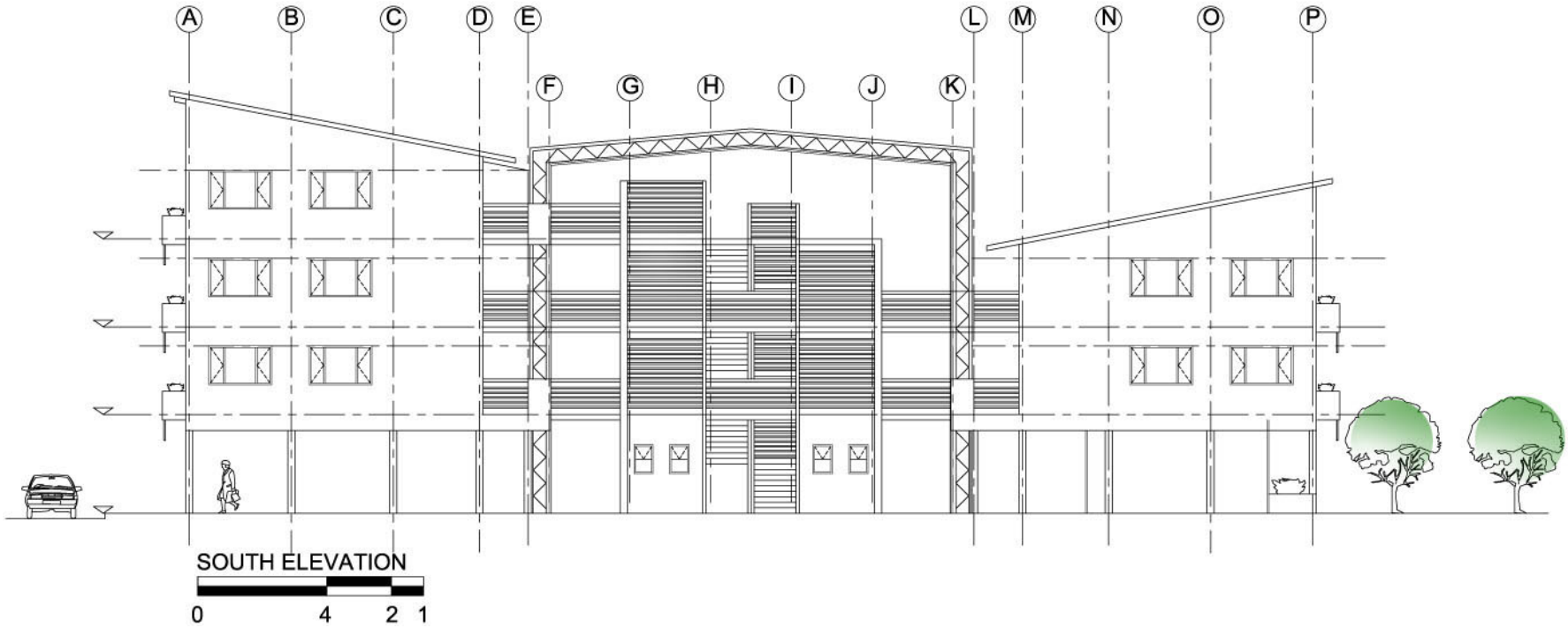
0 4 2 1

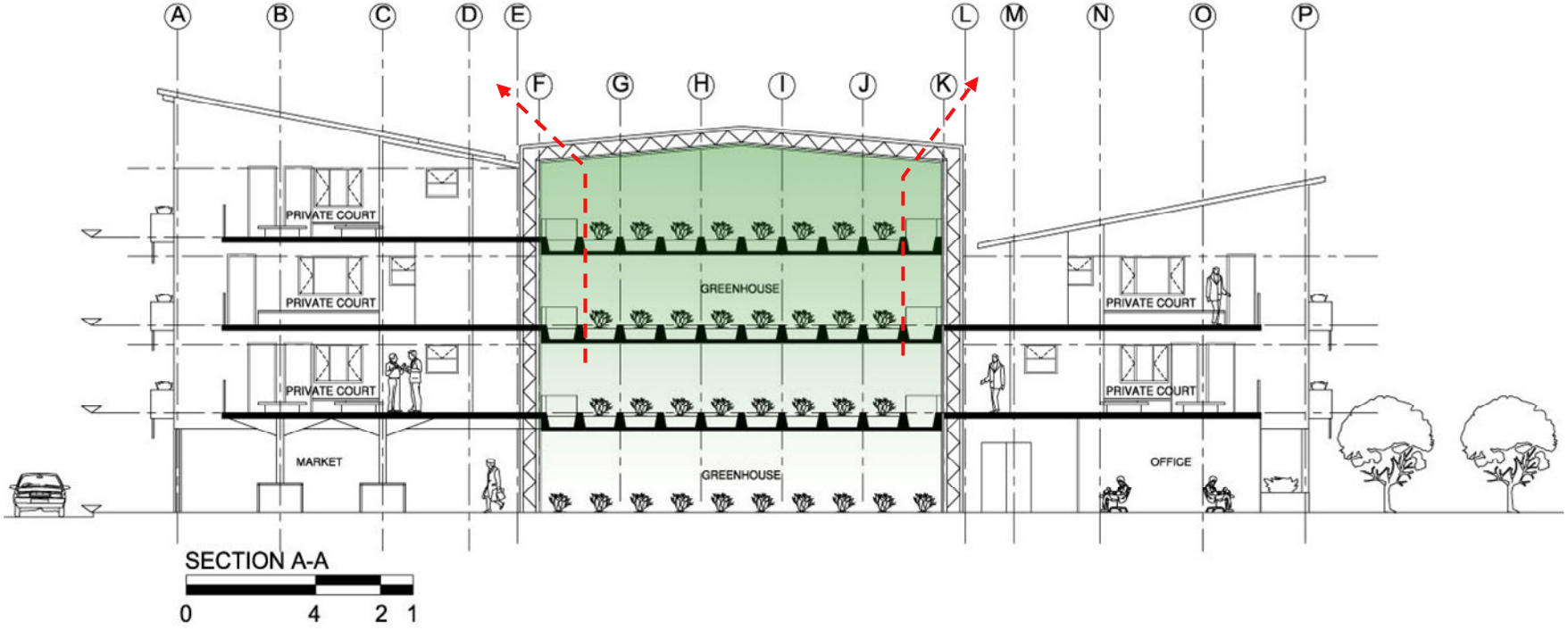


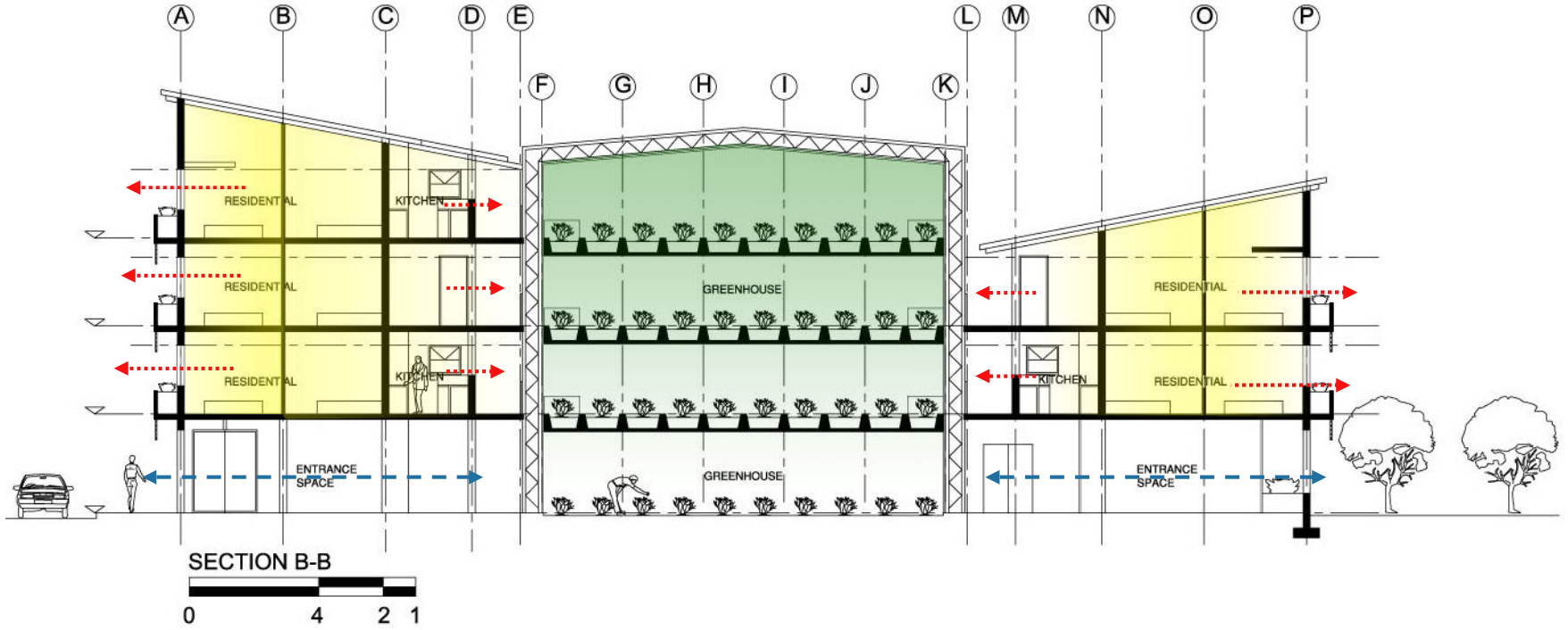
EAST ELEVATION

0 4 2 1


P O N M L K J I H G F E D C B A
NORTH ELEVATION
0 4 2 1


A B C D E F G H I J K L M N O P
SOUTH ELEVATION
0 4 2 1


A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
PRIVATE COURT
PRIVATE COURT
PRIVATE COURT
GREENHOUSE
GREENHOUSE
PRIVATE COURT
PRIVATE COURT
MARKET
OFFICE
SECTION A-A
0
4
2
1

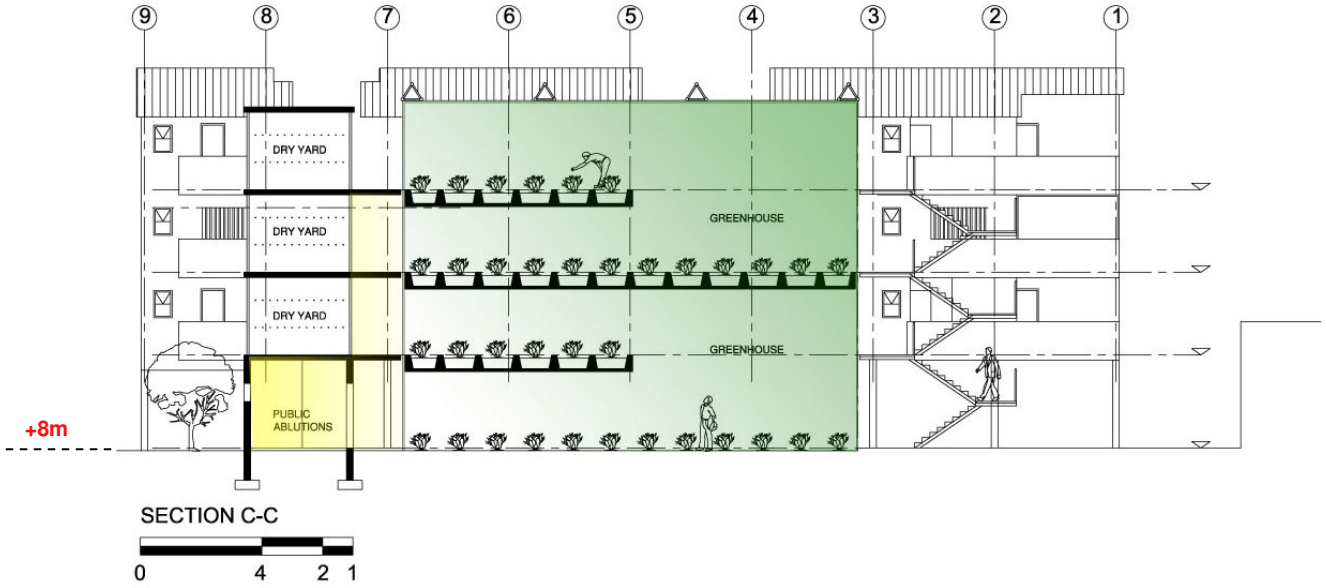

A
B
C
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G
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J
K
L
M
N
O
P
RESIDENTIAL
KITCHEN
RESIDENTIAL
RESIDENTIAL
KITCHEN
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SECTION B-B
0
4
2
1

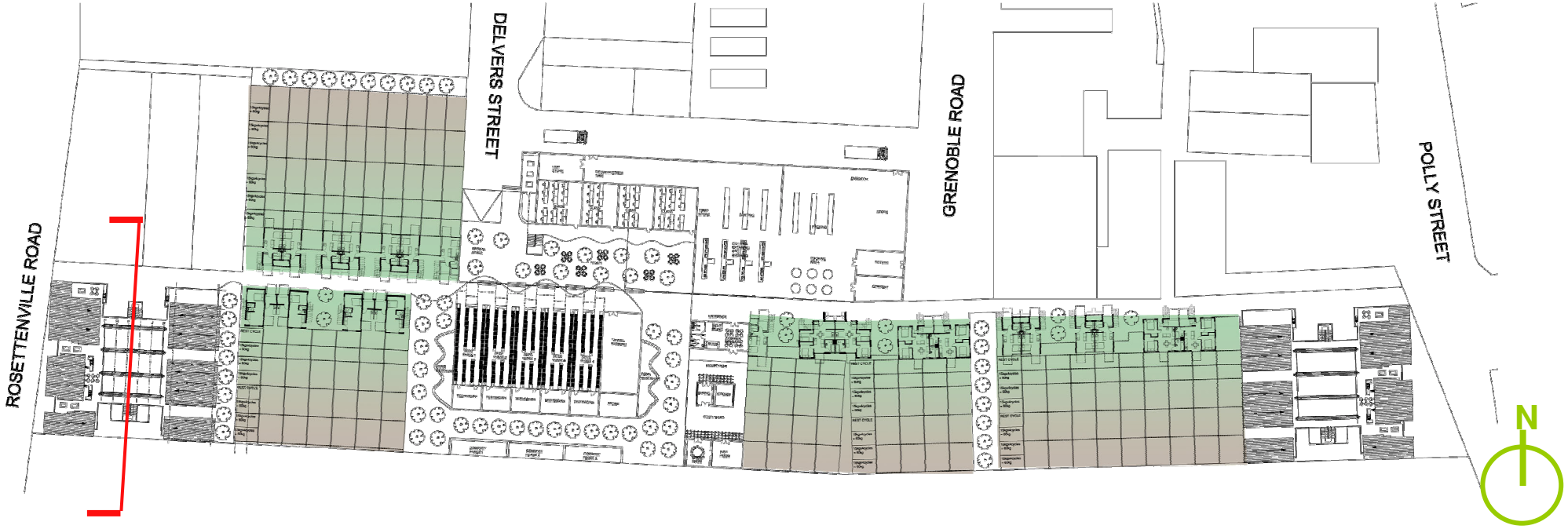
FINAL DESIGN

The sections illustrate the relation of the green house to the apartment units by means of a open courtyard. The different parts of the building are connected through a series of walkways which circle around the courtyard. There is also the vertical connection between the floors

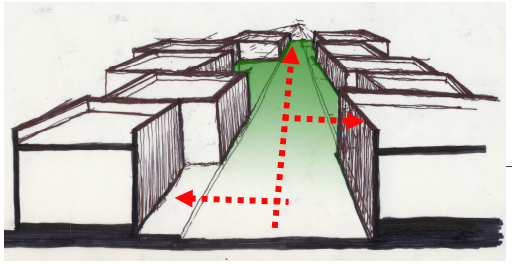
Similarly the building along the east side of the site also houses living quarters and a green house box.

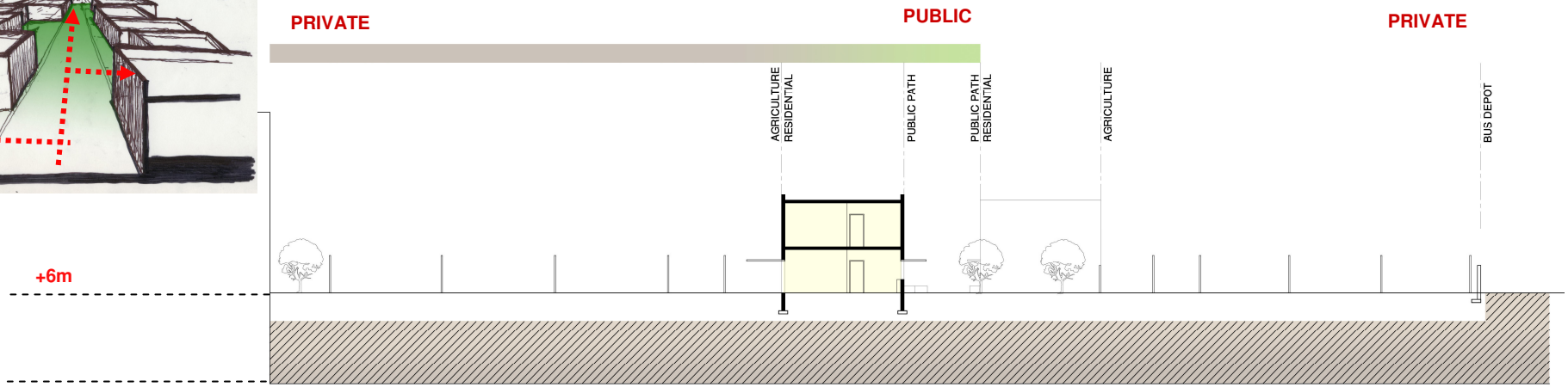
Pergolas were placed on farmland so that fields are demarcated and they also allow people to use it as a frame should they decide to build a greenhouse

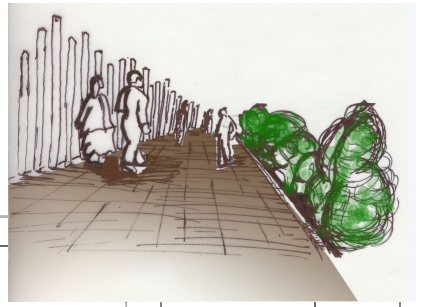




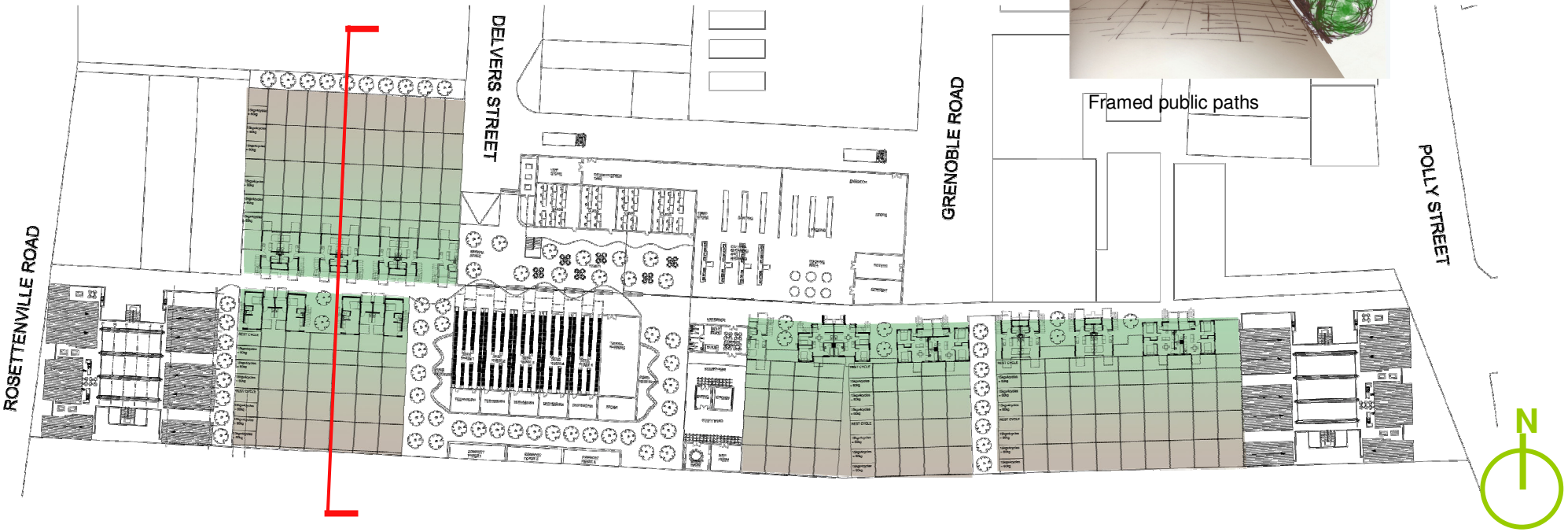
FINAL DESIGN

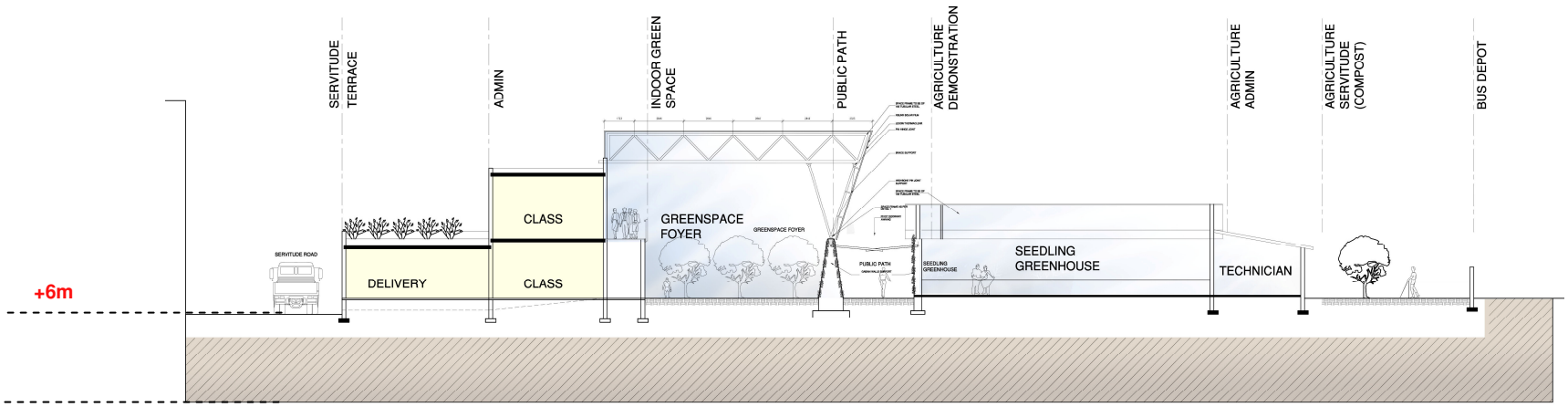




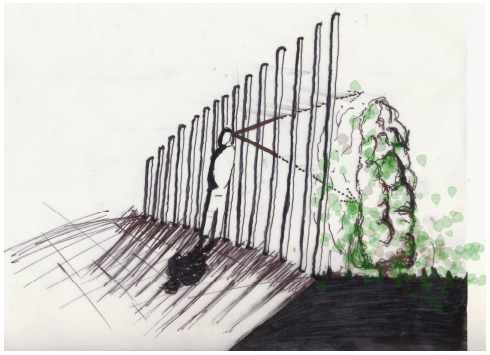


Framed public paths

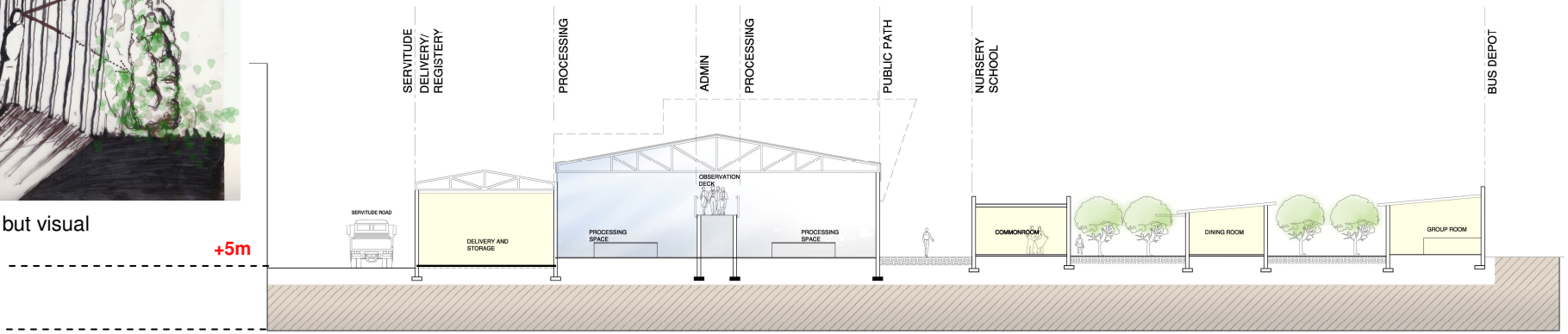


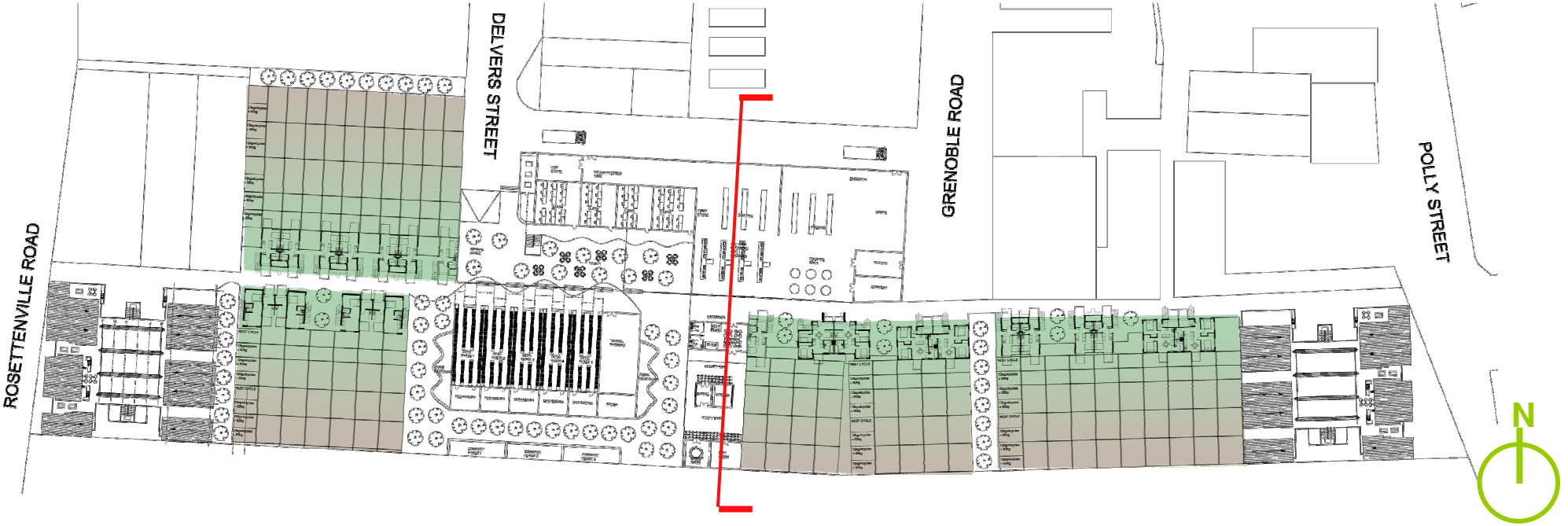

SERVITUDE TERRACE
ADMIN
INDOOR GREEN SPACE
PUBLIC PATH
AGRICULTURE DEMONSTRATION
AGRICULTURE ADMIN
AGRICULTURE SERVITUDE (COMPOST)
BUS DEPOT
+6m
SERVITUDE ROAD
DELIVERY
CLASS
CLASS
GREENSPACE FOYER
GREENSPACE FOYER
PUBLIC PATH
SEEDLING GREENHOUSE
SEEDLING GREENHOUSE
TECHNICIAN

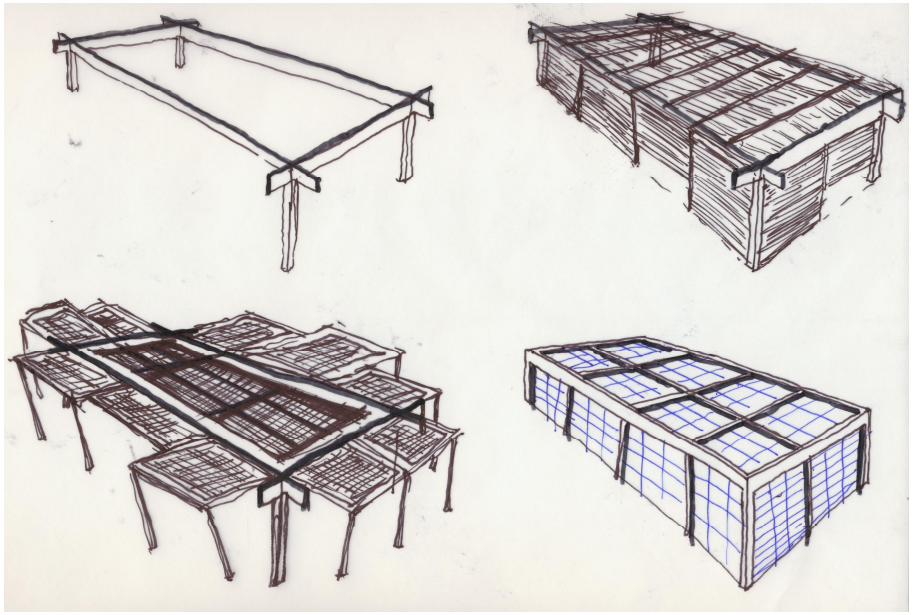

DELVERS STREET
GRENOBLE ROAD
ROSETTENVILLE ROAD
STREET
N



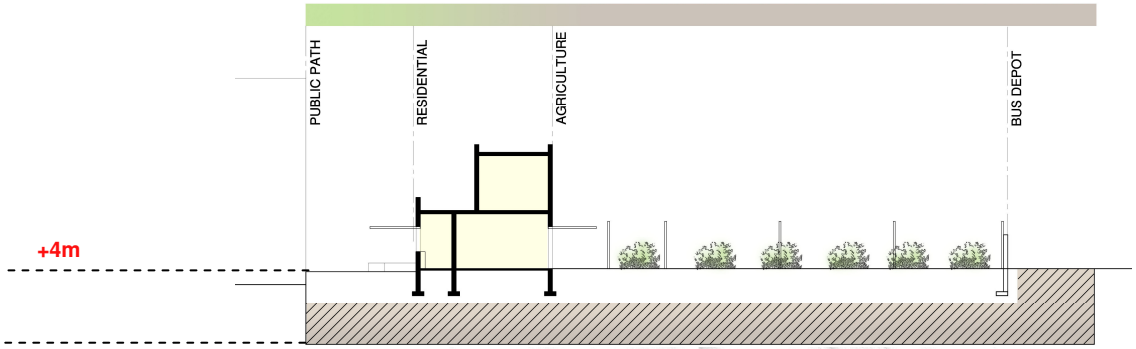
Physical barriers but visual connection.

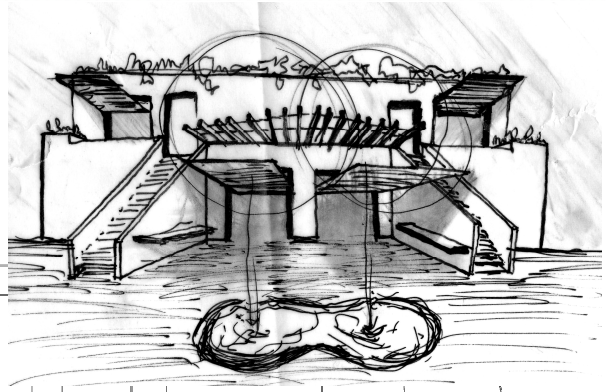




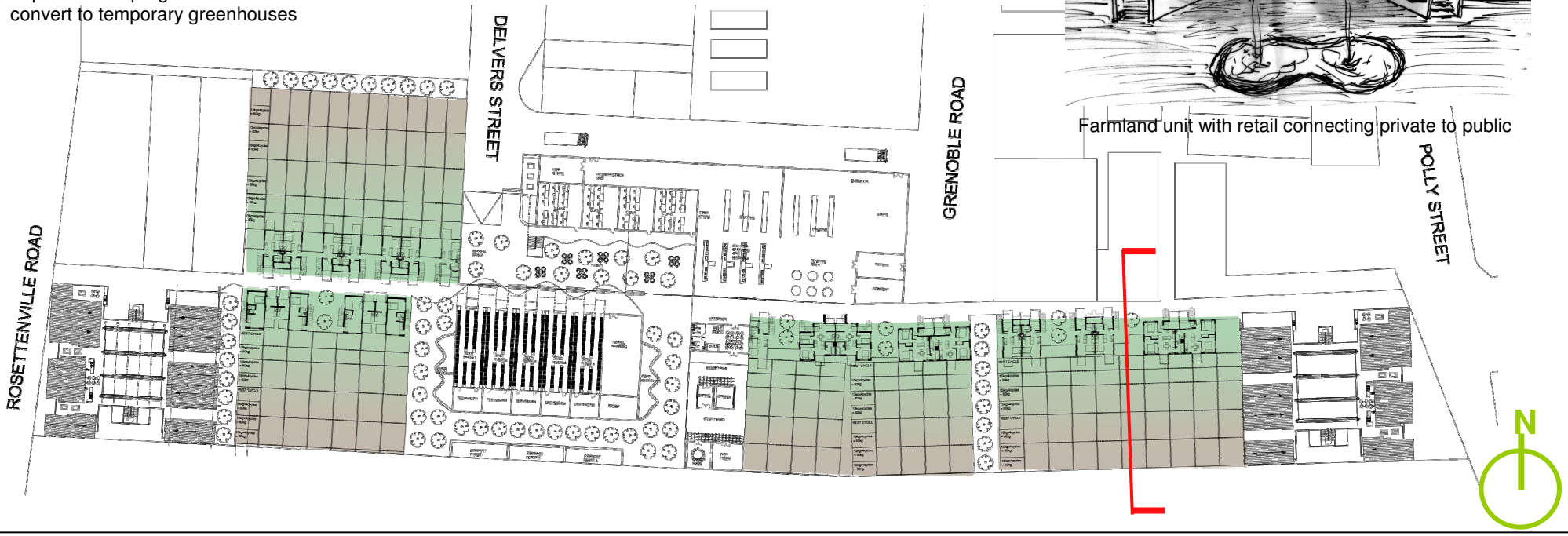


Exploration of pergolas frames which can convert to temporary greenhouses

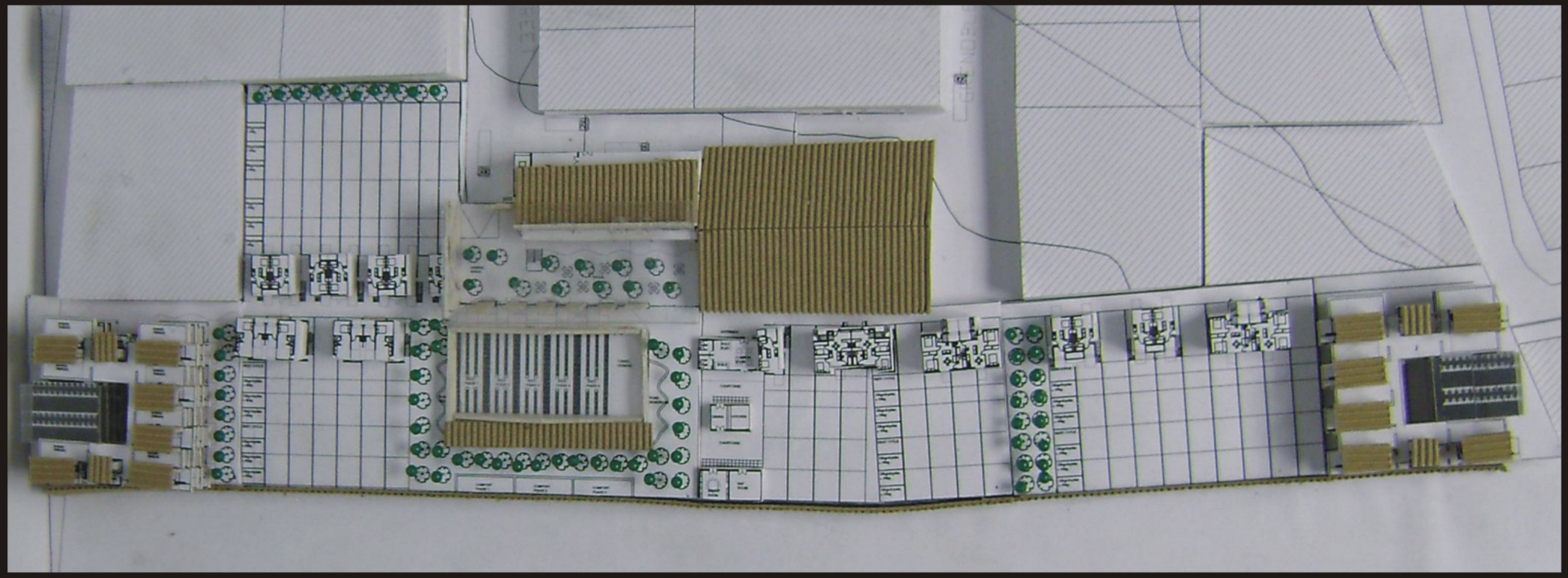


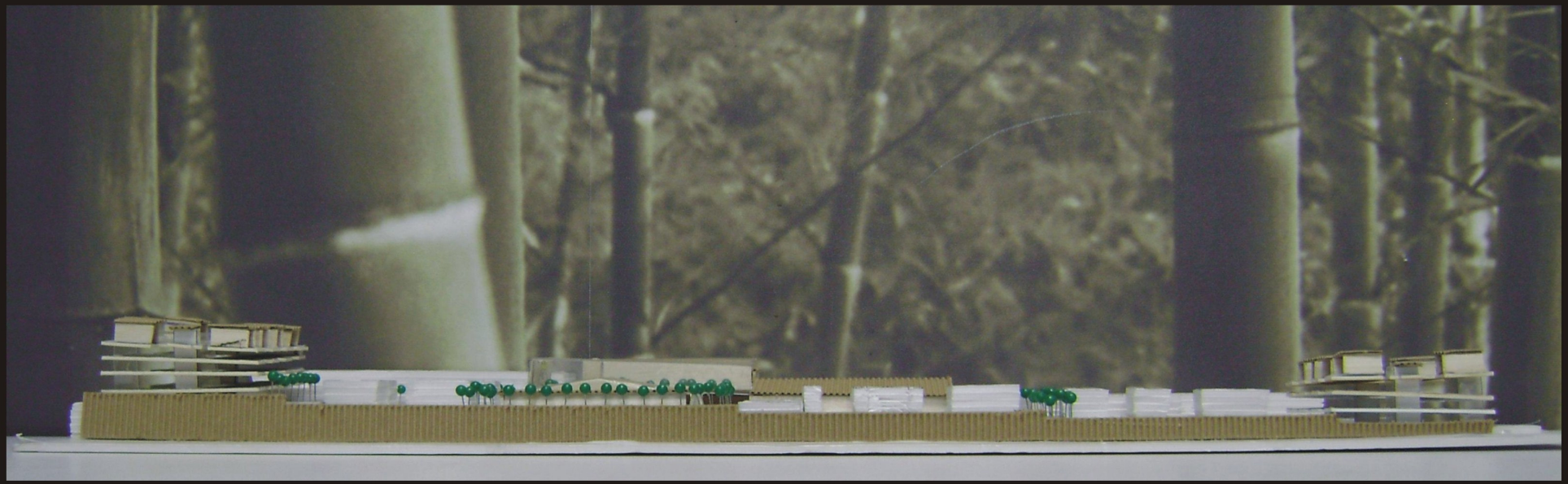


Farmland unit with retail connecting private to public



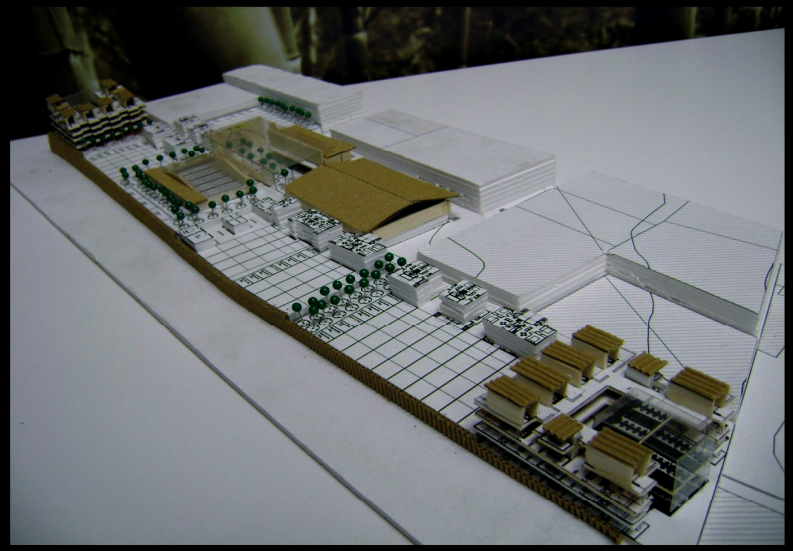
Final Design model

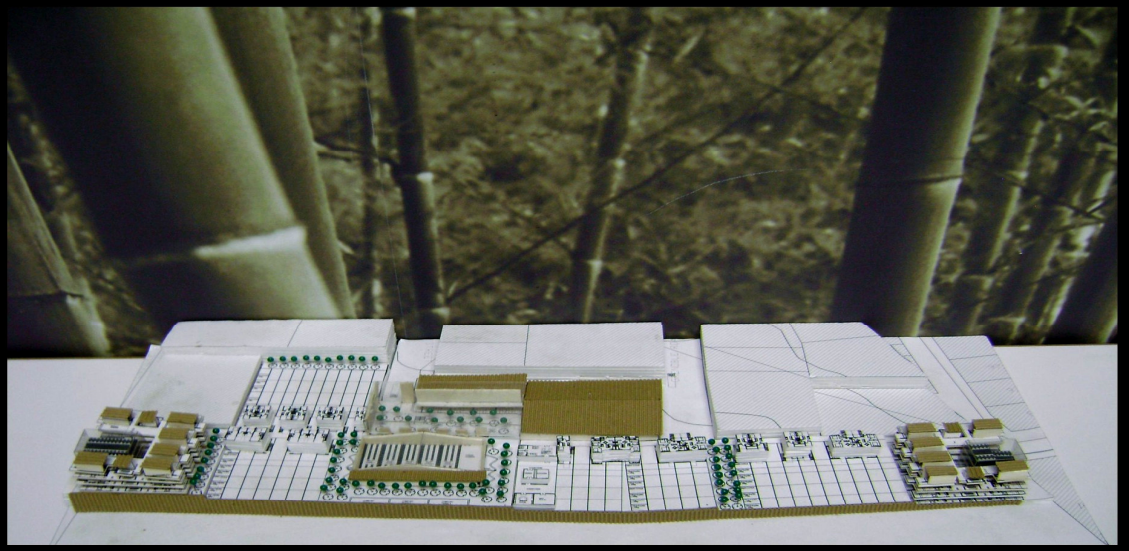


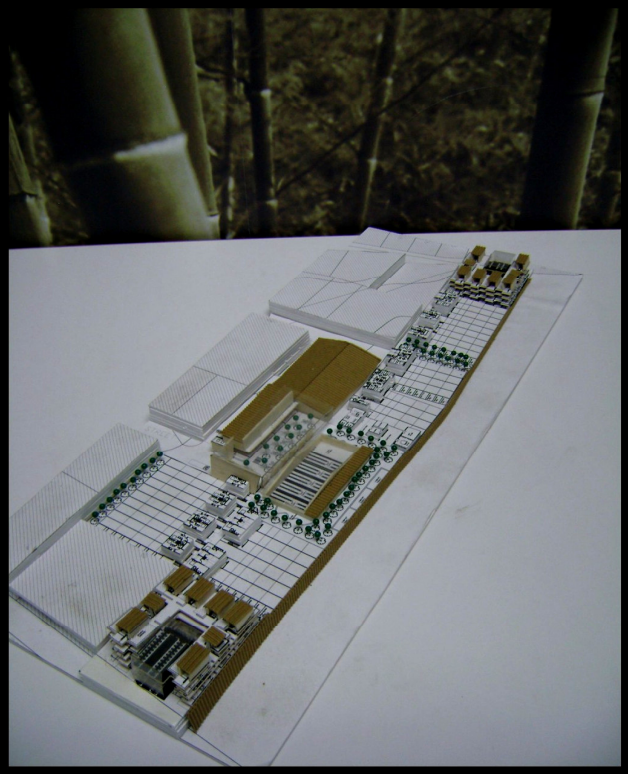


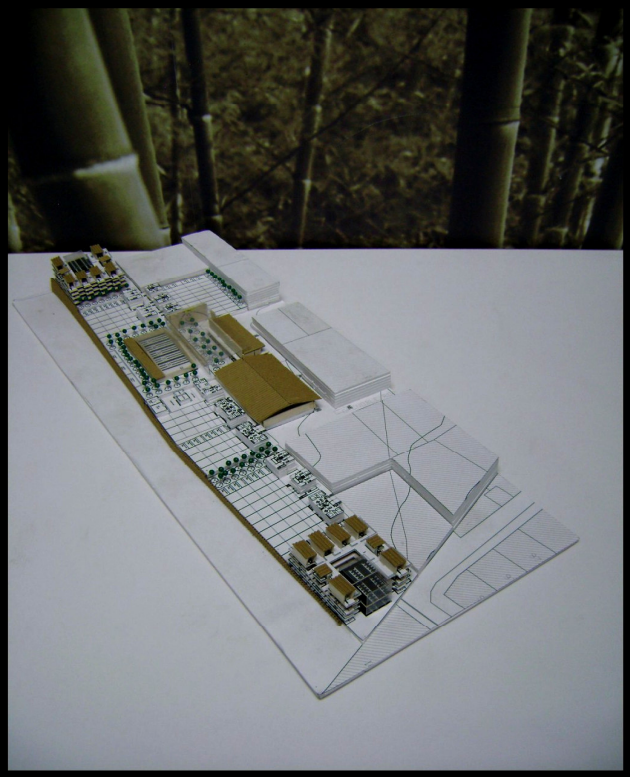
FINAL DESIGN

Final Design model









The main concept is the spine. In this case, the spine is the green public path which all the facilities are connected.
The design of 4 farmland unit modules which explore the idea of spaces where public, semi-public, semi private and private spaces of the unit are ordered. The units allow for passerbys to purchase directly from the farmers by means of shop-fronts which open to the public. I wanted the design to be robust and flexible. The land was designed with a loose fit intention so that the people can use the spaces as they see fit.
The central facility consists of a training center, green house, crèche and food processing plant. The center opens itself to the public by an double volume green foyer with class rooms adjacent to it. Its connects to the green house via flapping glass doors between the greenhouse and center creating a covered walkway. Since this is a training facility people who come to learn have a more interactive role with the land.
The west apartment building houses offices, information center restaurant and market place. The east side of the boundary is a prominent space and so I wanted the building to anchor the site along that edge. So by lifting the building off the ground and allowing the green strip to flow in and around the building. The building begins to have a relation to the green strip by blurring the threshold between nature and the built form.