



Ward Amin Hamshari



CONTENT

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introduction

2

Site selection & analysis

3

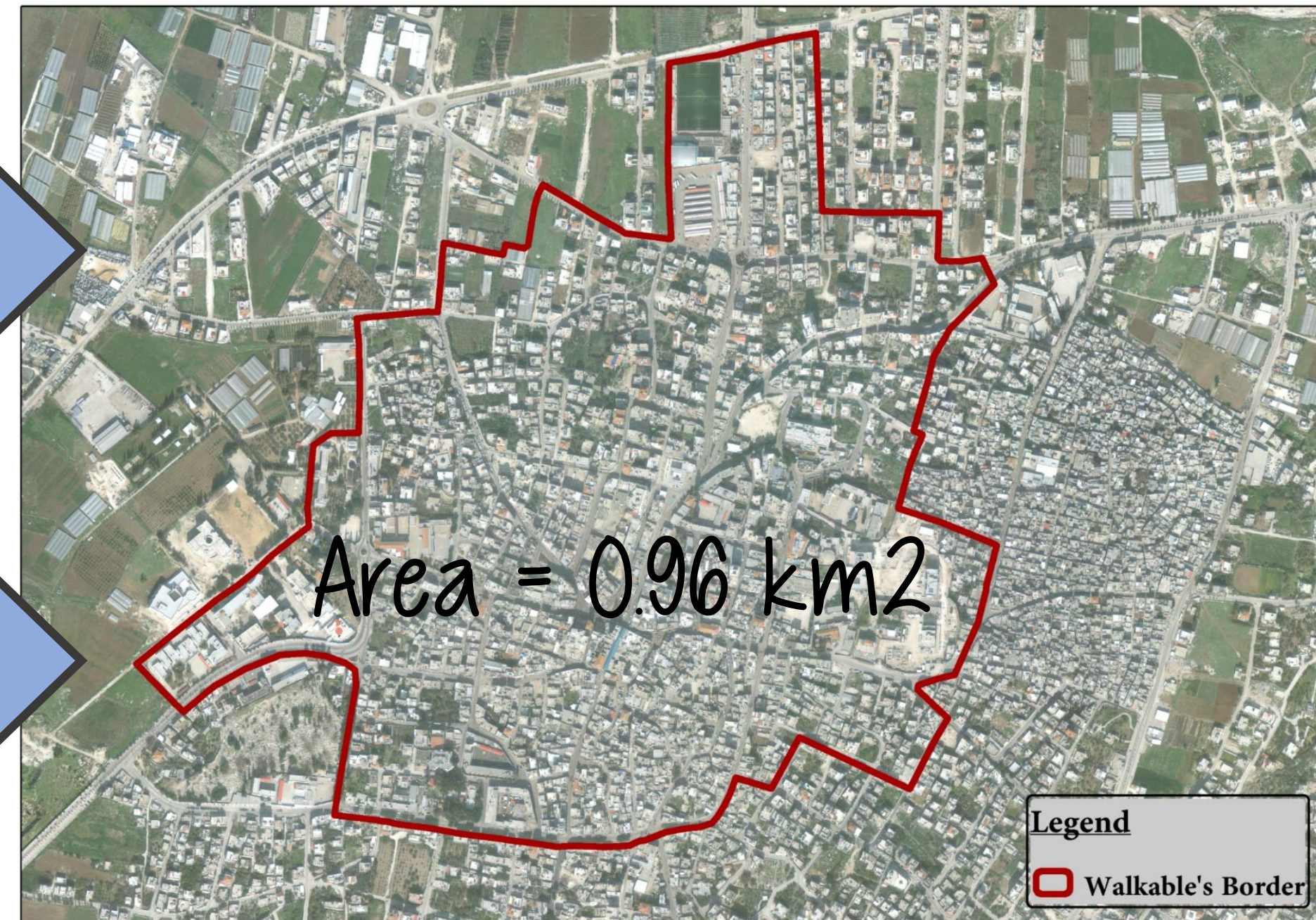
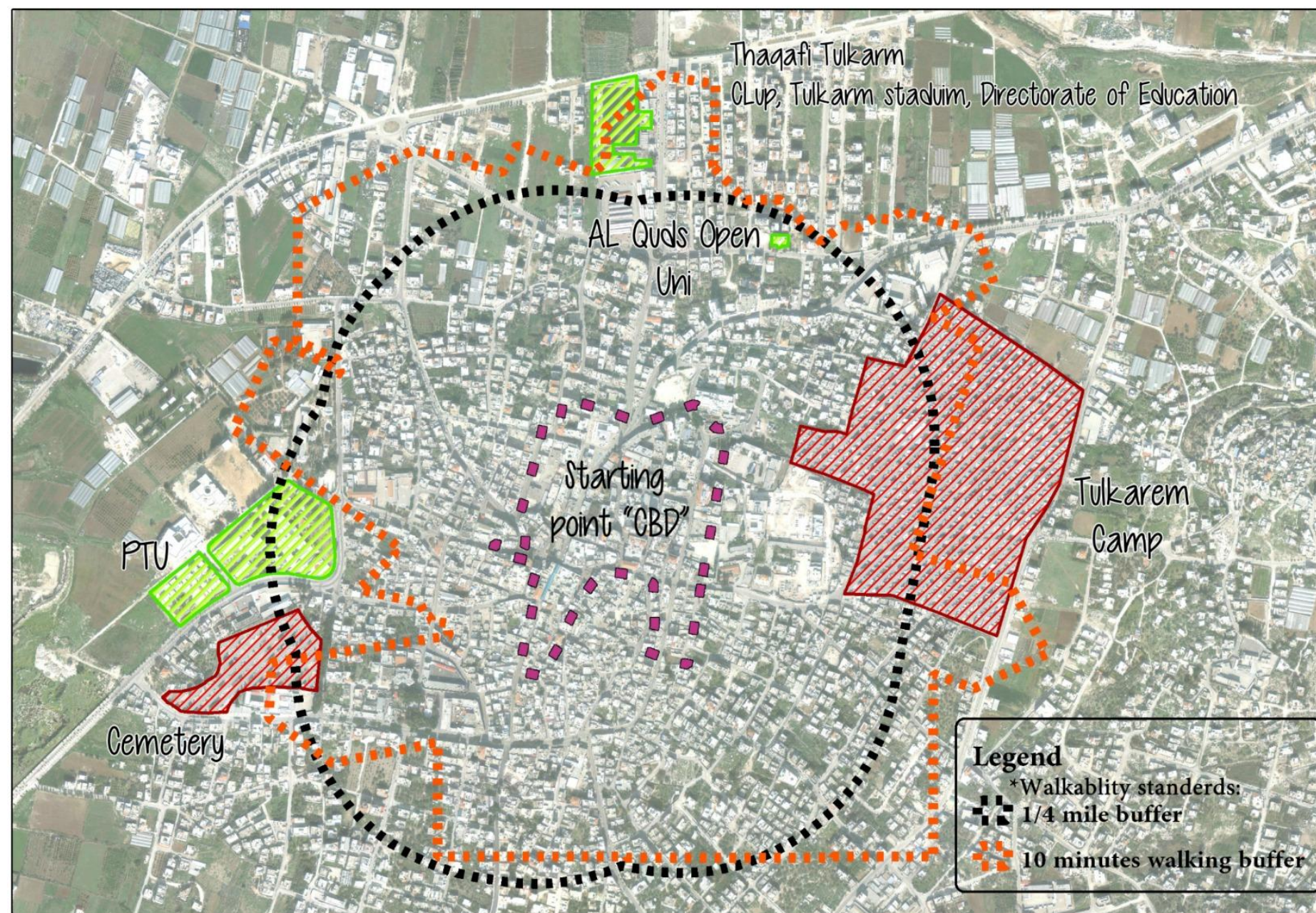
Concept development

4

Implementation & design

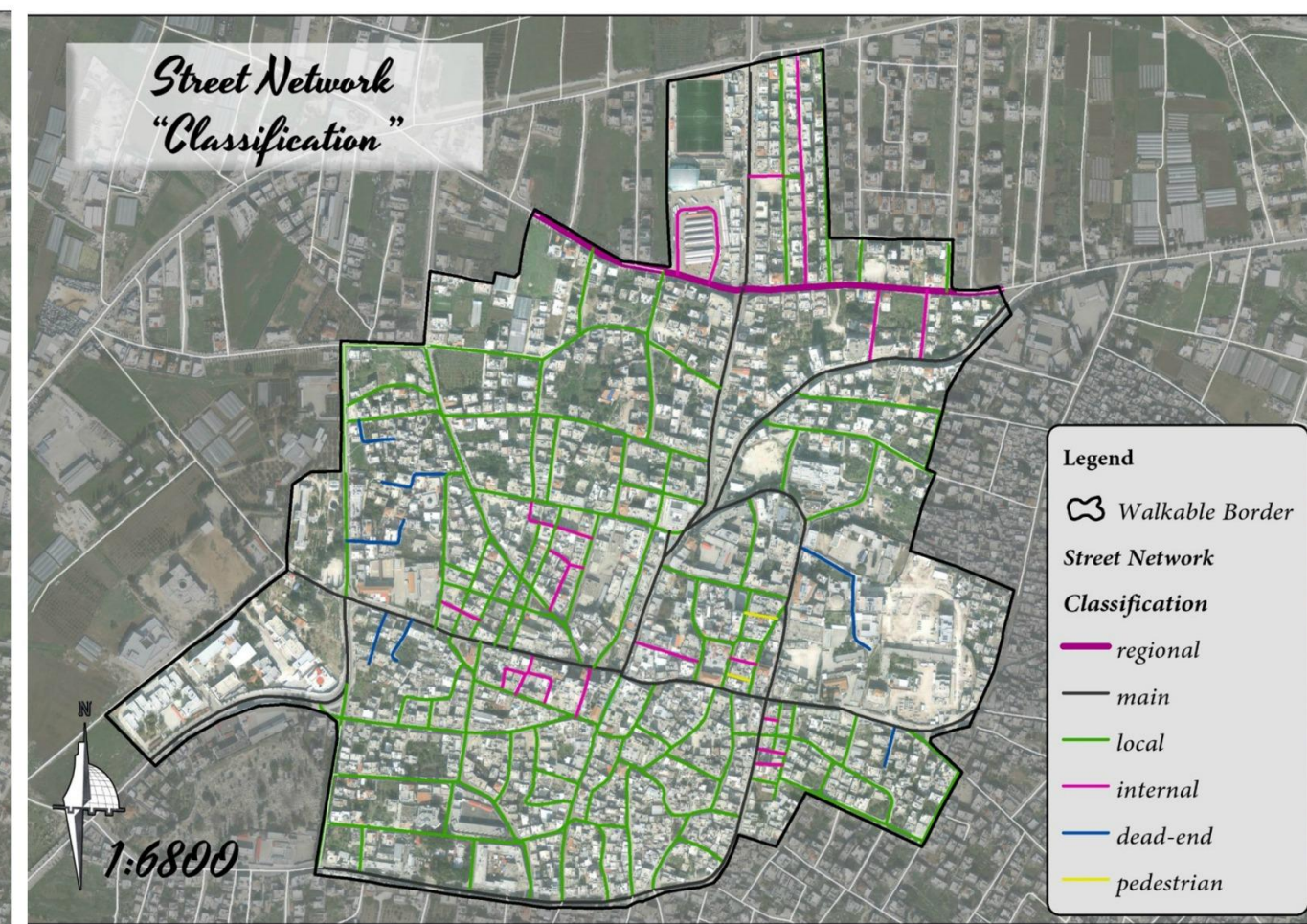
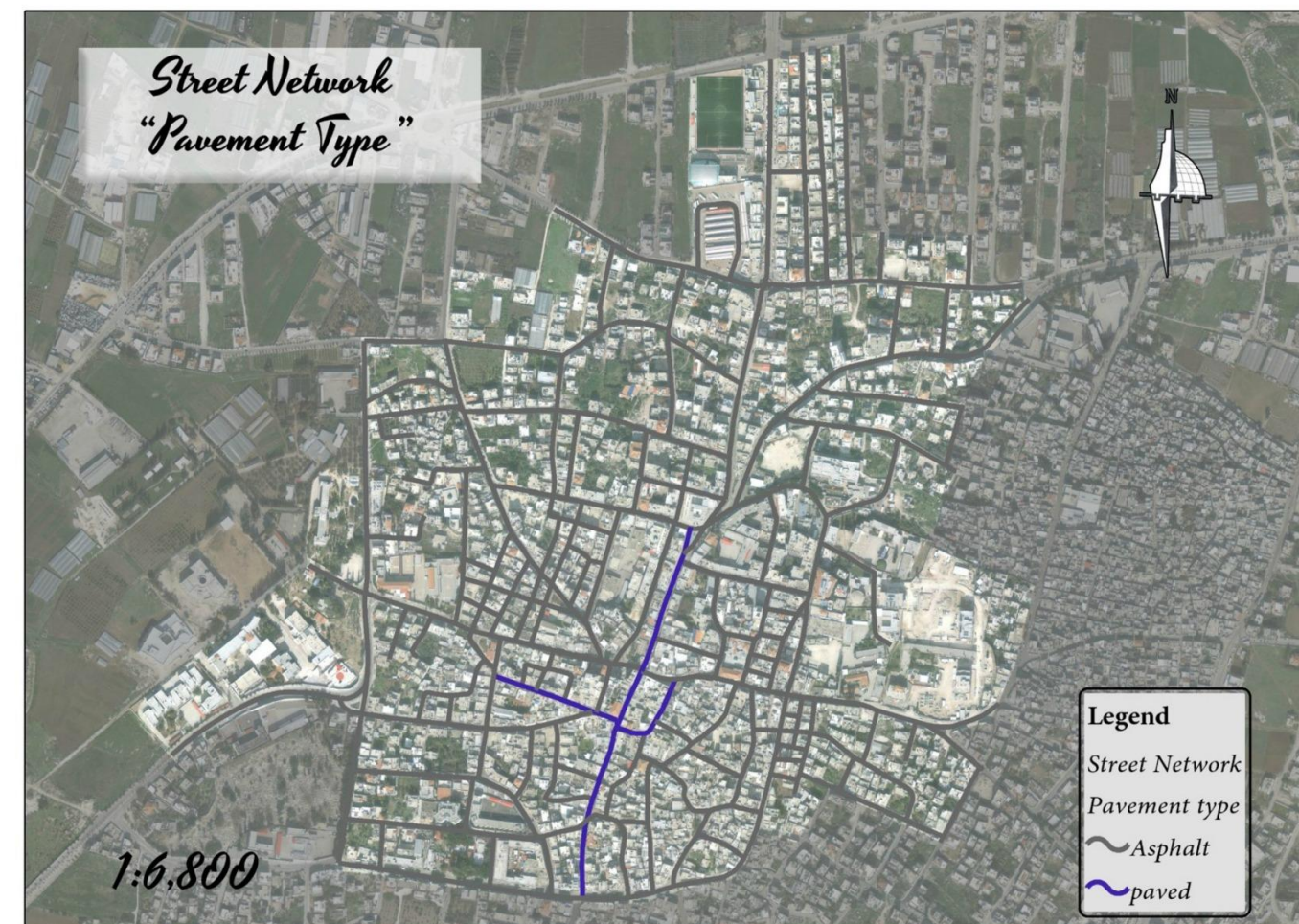
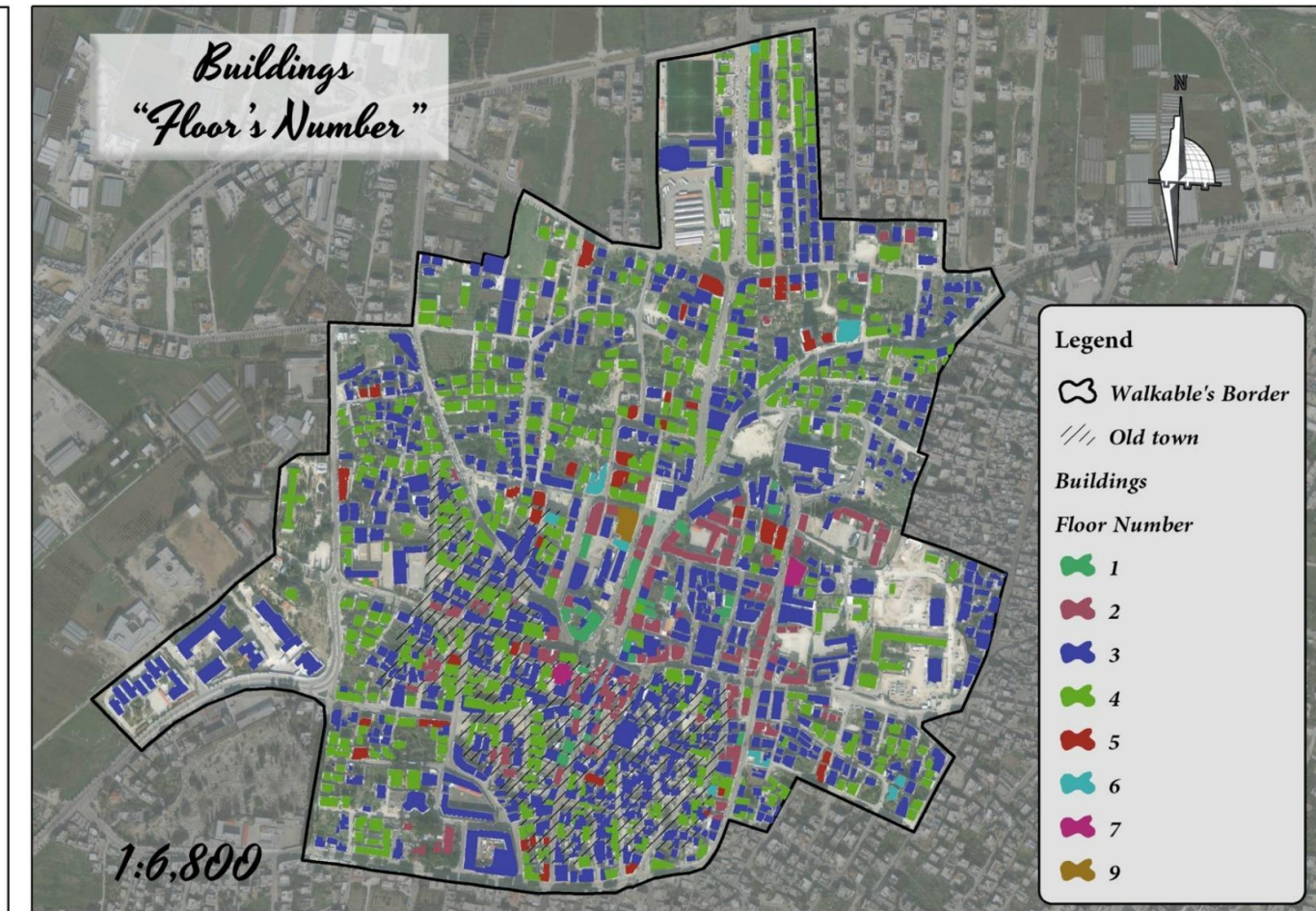
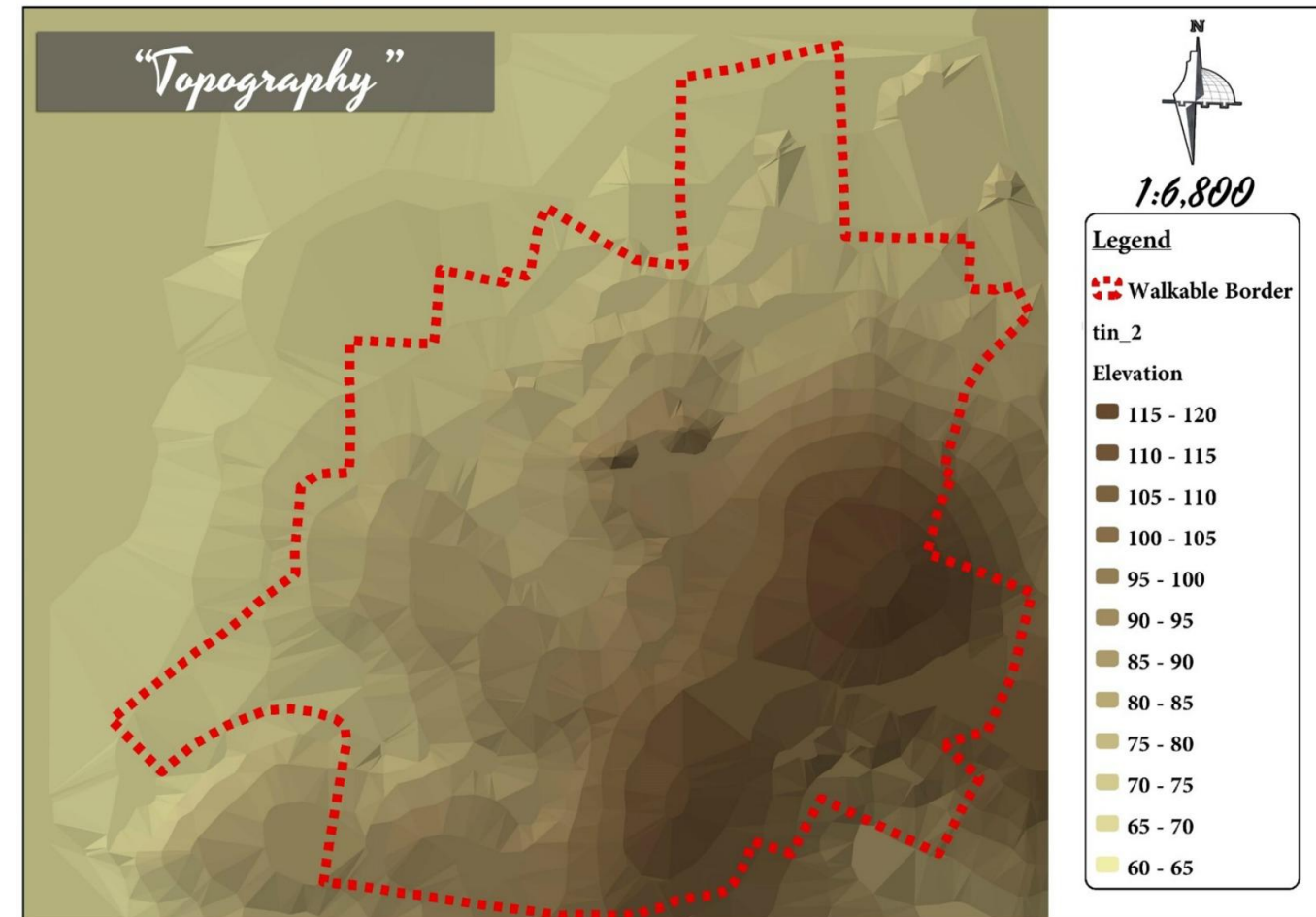
SITE SELECTION

- 2 international standard to define walkable are:
- Within 10 minutes walking
- Within ¼ mile from people's houses



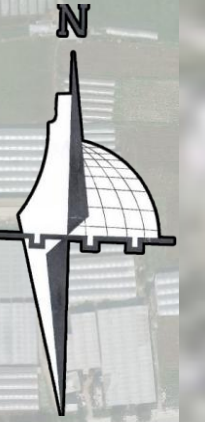
SITE ANALYSIS

- Natural environment:
 - Topography.
- Manmade environment:
 - Street network
 - Pavement type
 - Street's classification
 - Buildings
 - Floor number



ANALYSIS SUMMARY

Man made environment



Sidewalk doesn't exist

Parking not available

Lights not available

Paved road

Existed Trees

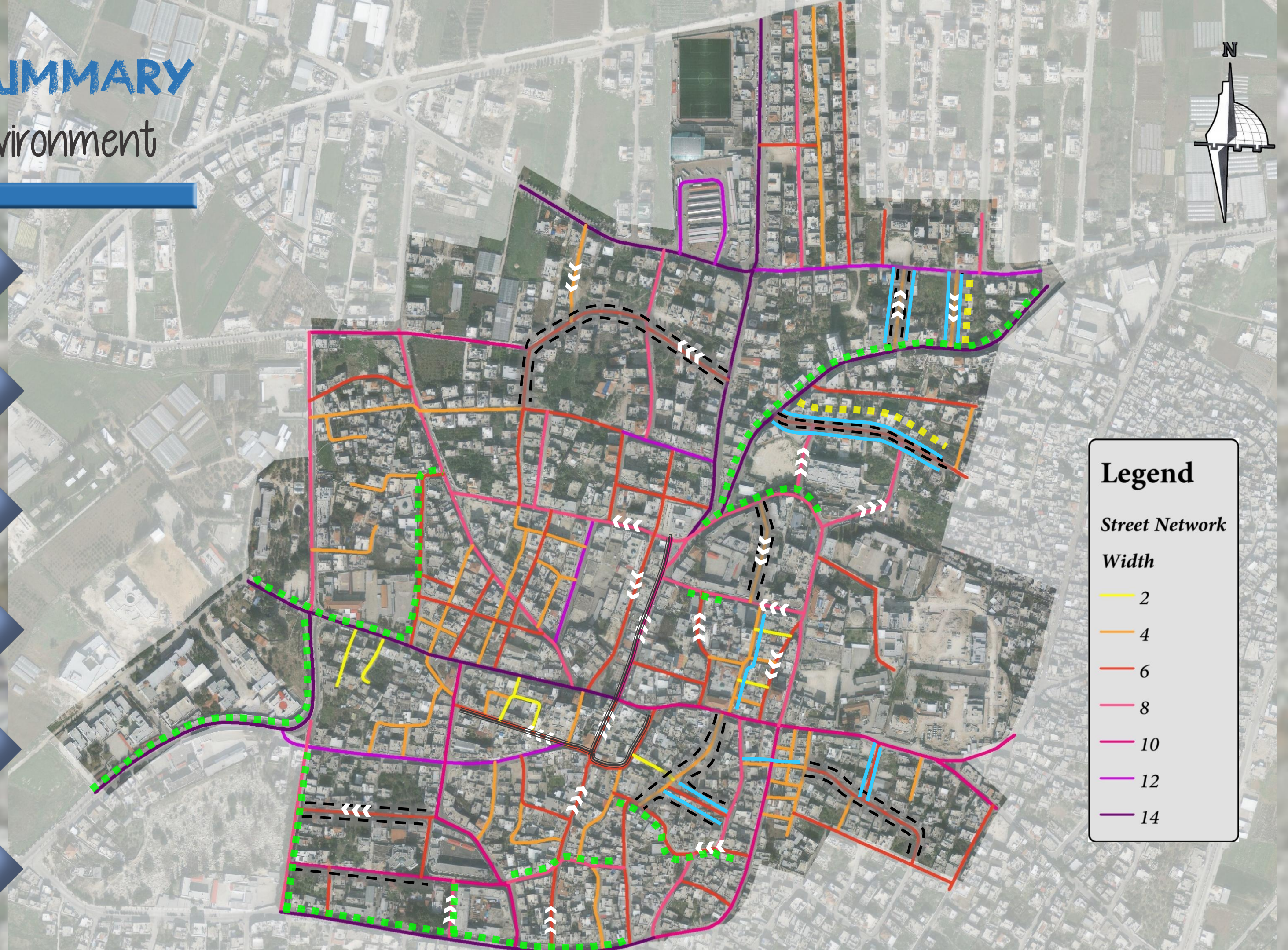
One direction Roads

Legend

Street Network

Width

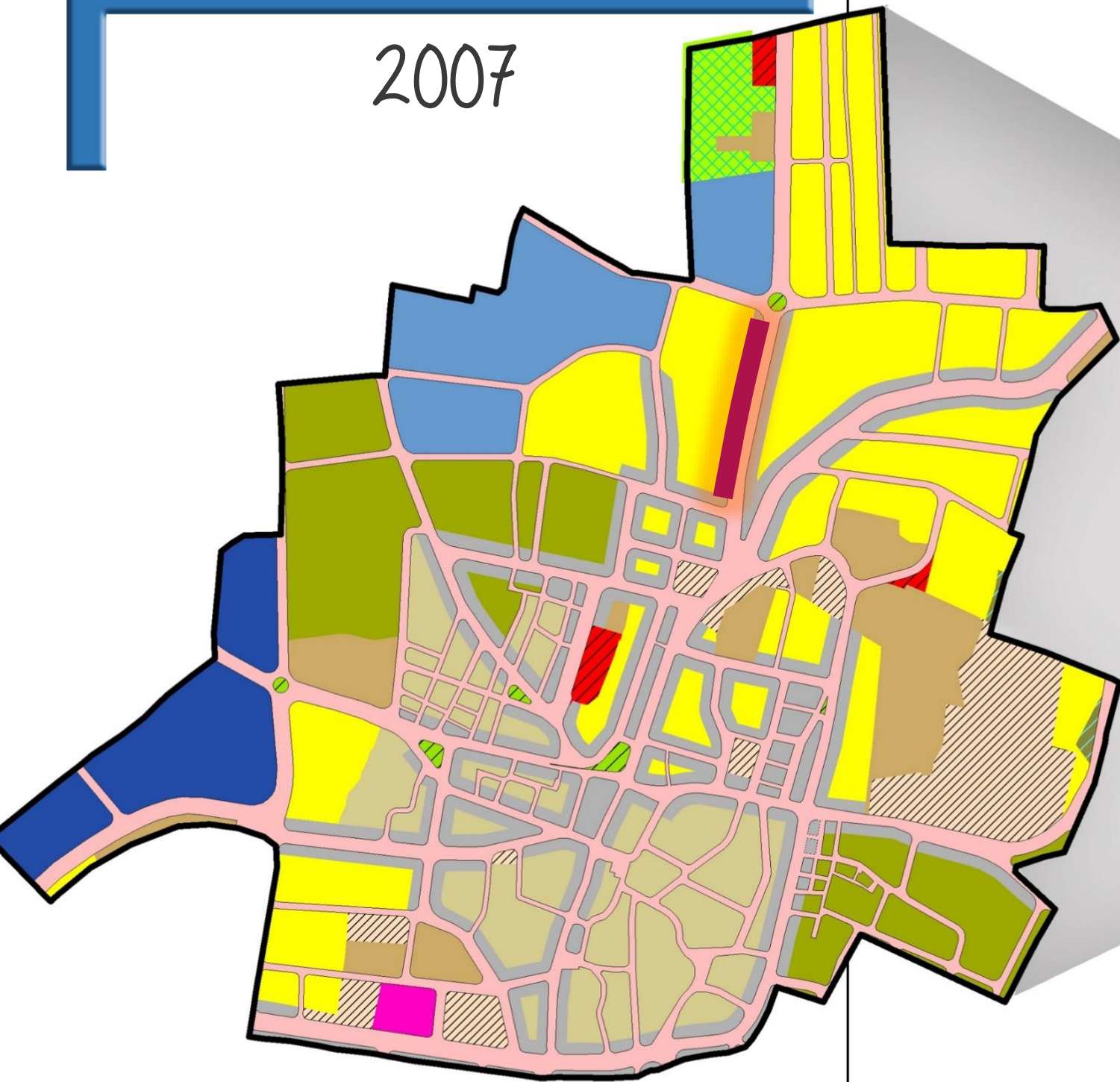
- 2
- 4
- 6
- 8
- 10
- 12
- 14



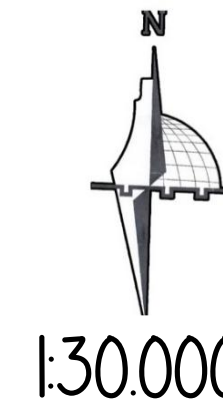
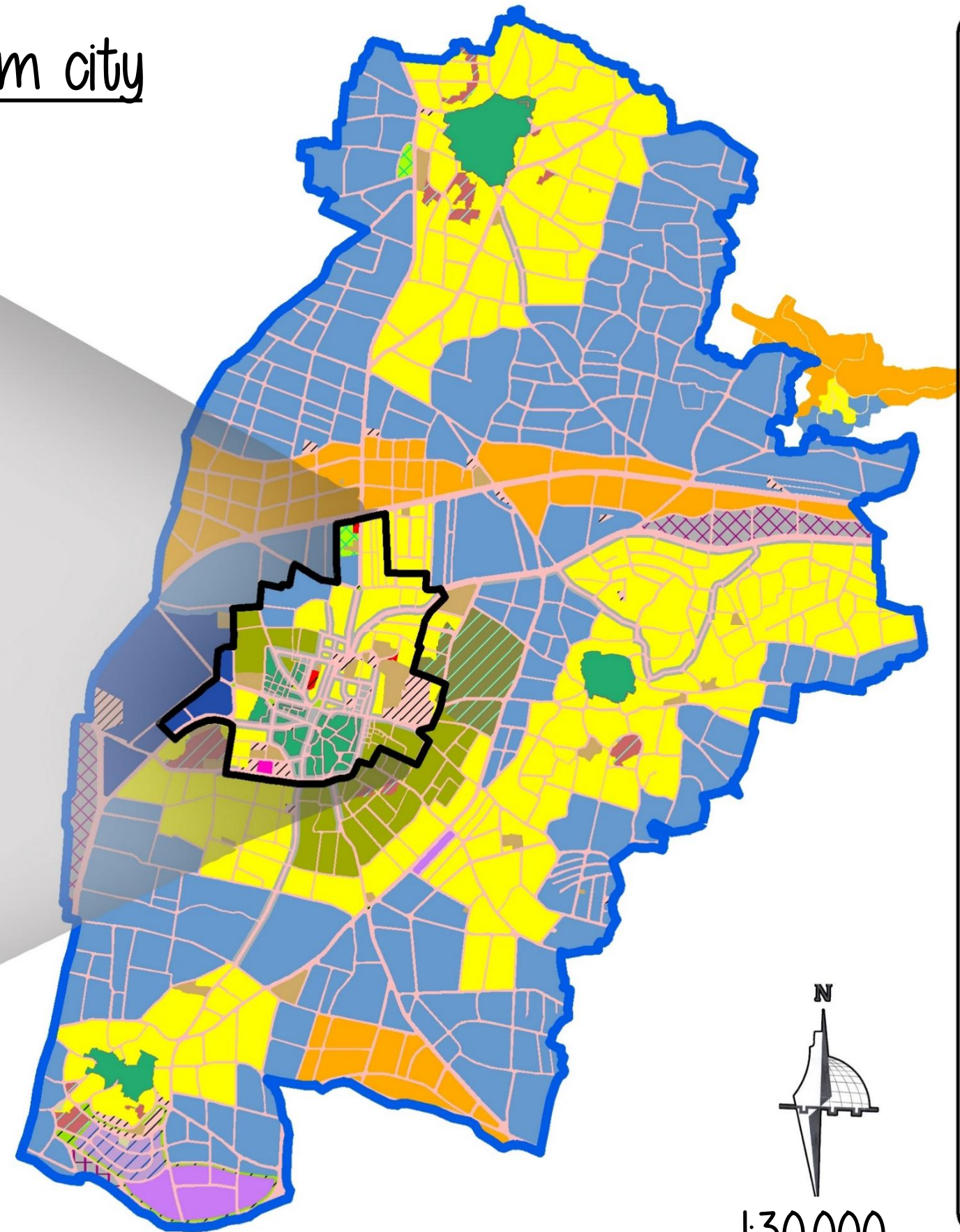
TULKARM MASTER PLAN

2007

Tulkarm city

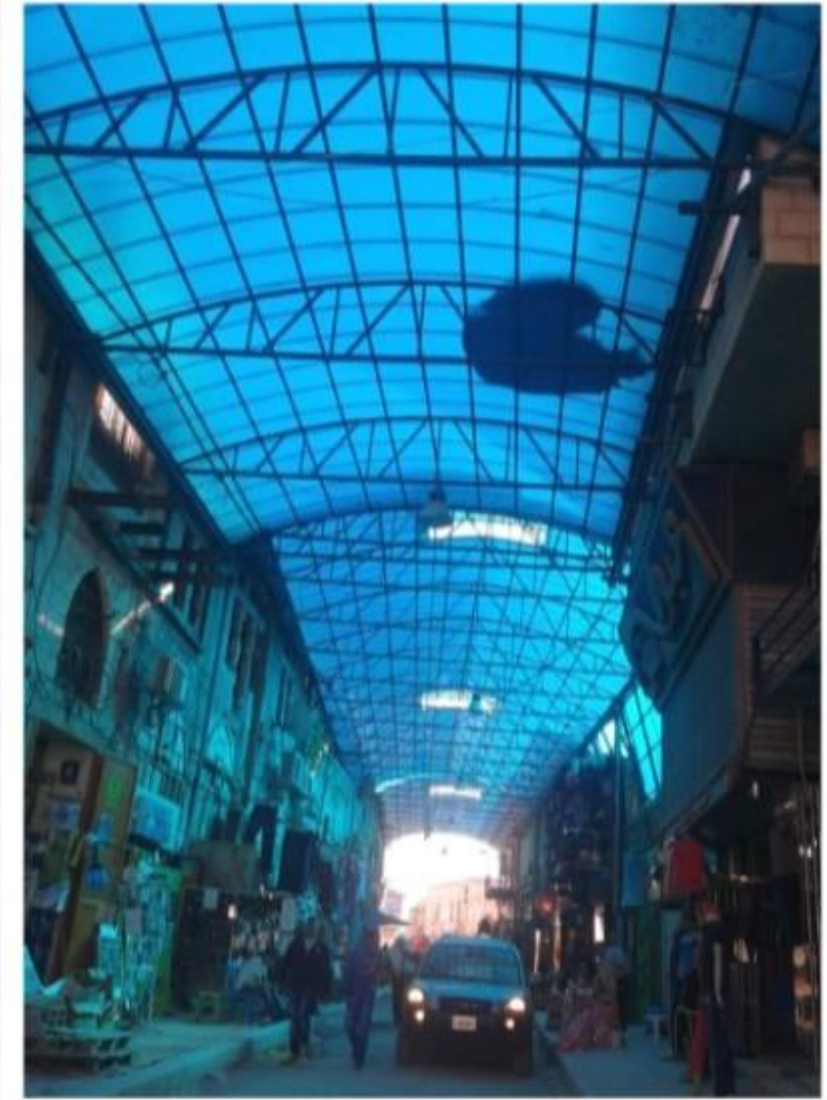
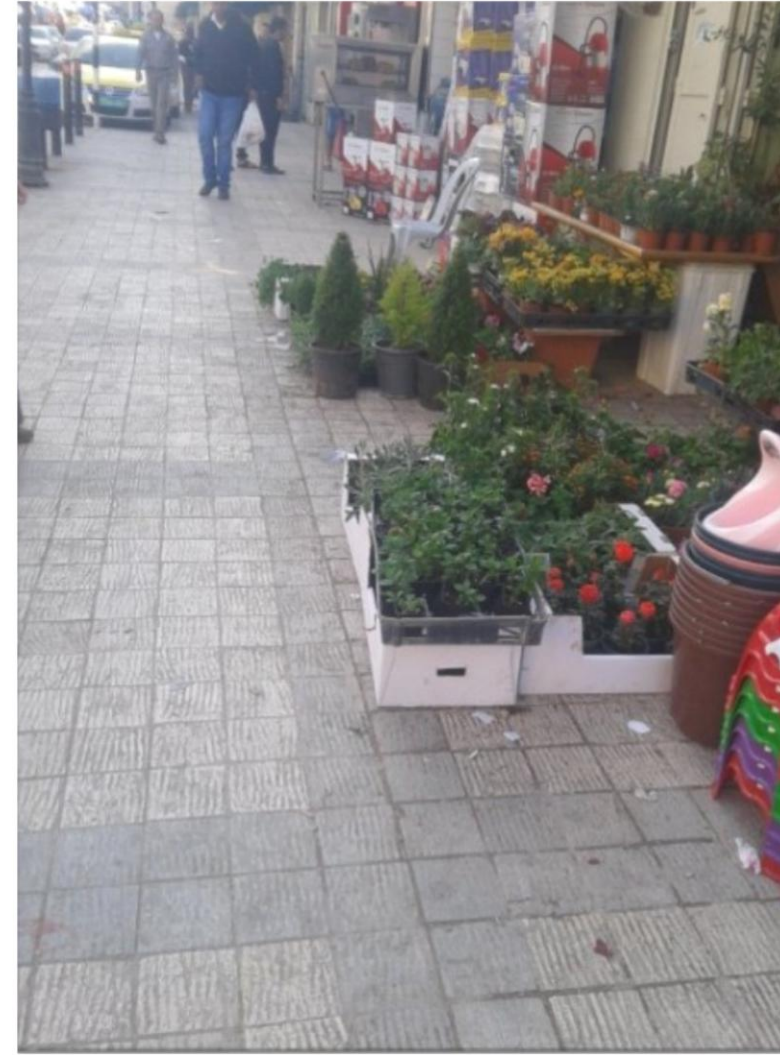


Walkable border 1:5000



- Tulkarm's MP border
- Walkable's Border
- Land Use**
- Antiquities Zone
- Approved Road
- Camp
- Cemetery
- Colleges and Educational Institutions
- Commercial "Exhibition"
- Commercial "Longitudinal"
- Commercial "Main centers"
- Existing Road
- Existing or Approved Roads
- Industrial "Artificial and light Industry"
- Industrial Zone
- Open Green Area
- Parking
- Public Buildings
- Residence "A"
- Residence "B"
- Residence "C"
- Residence "D"
- Residence "Down Town"
- Stadium
- Tourism Zone

TULKARM PHOTOS



STRATEGICAL PLANNING

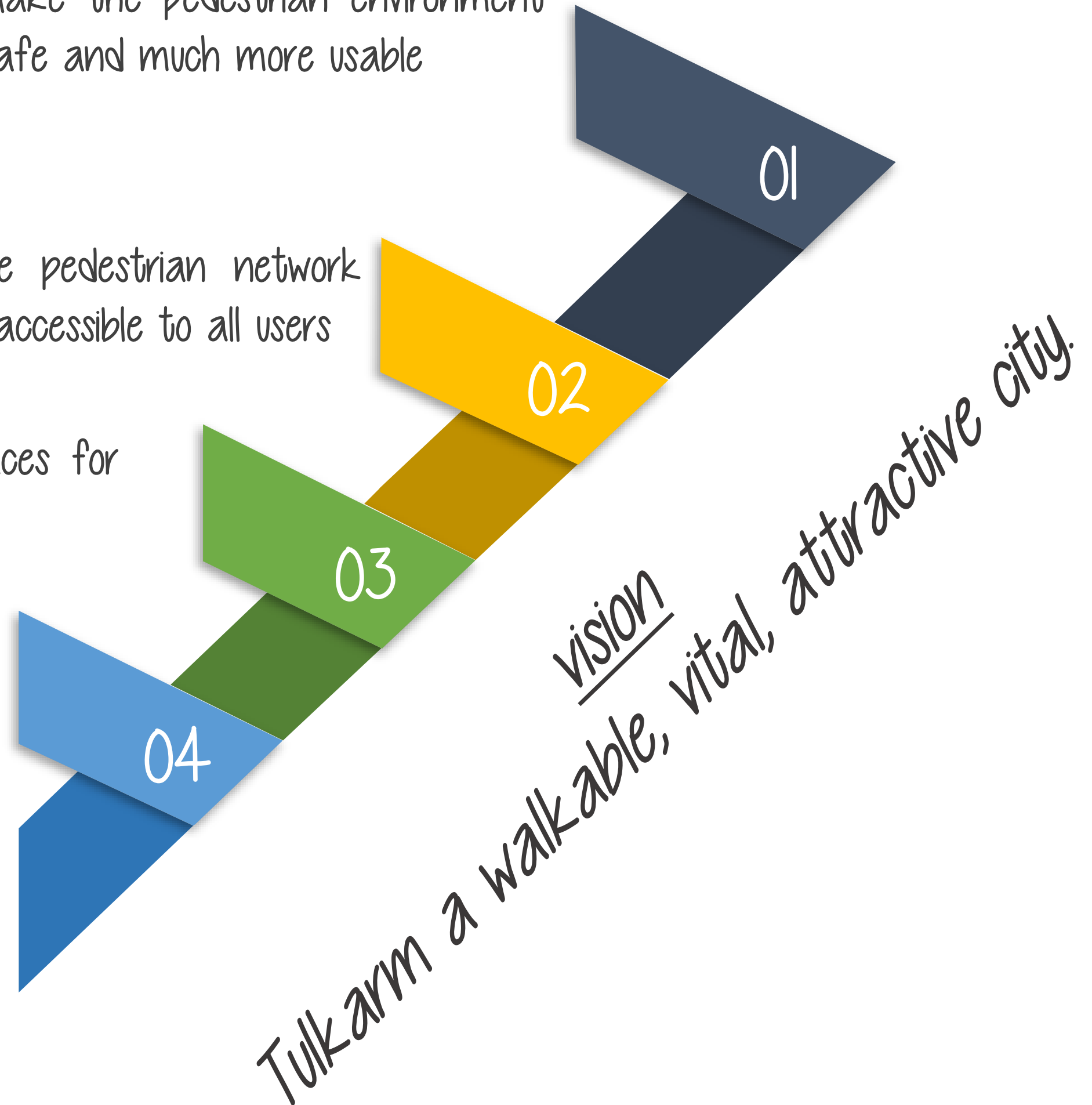
Vision, objectives

Make the pedestrian environment
safe and much more usable

Improve the pedestrian network
to make it accessible to all users

Provide good places for
pedestrians

Improve the pedestrian movement or environment
which encourages economical activities



SWOT ANALYSIS



- ◆ Majority of streets have got sidewalks.
- ◆ Easy topography.
- ◆ Two directional streets have the highest ration.

S

STRENGTHES

W

WEAKNESSES

- ◆ Narrow streets.
- ◆ Tulkarm's street suffer from its plantation shortage

- ◆ High potential to vertically expand.
- ◆ Low number of private cars ownership in comparison with other cities
- ◆ It is considered as a relatively small governorate

O

OPPOTUNITIES

T

THREATS

- ◆ The street is not expandable.
- ◆ The temperature is relatively high in the summer



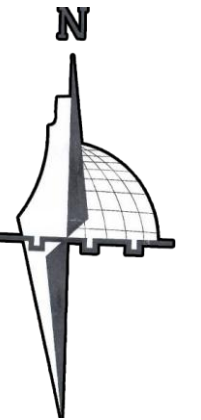
CONCEPT DEVELOPMENT

Main Spines

Vital roads, most used

- New terminal
- Directorate of Education
- Tulkarm stadium

Service, governmental, entertainment uses



PTU
educational

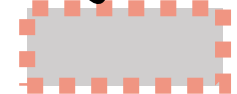
Roundabout

CBD

Mukata'a Bld.

Governmental bld.

legend



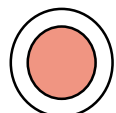
border



Main nodes



Main spines



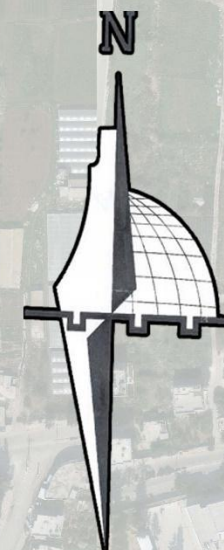
Roundabout

Consider as junctions "active landmarks"
That join the main spines

Municipality, vegetable market

Governmental, commercial

TULKARM WALKABLE MASTER PLAN



Tulkarm camp



1:1500

Mukatataa building



Shwaikheh roundabout









Khodori roundabout



Temporary parking
For bicycles

Legend

-  Road Network
-  Pedestrian Area
-  Road network with bicycle lane
-  Proposed car Parking
-  Proposed Bicycle Parking
-  Proposed green area

Daily use functions & services

University

Governmental

Health

Masjid "religious"

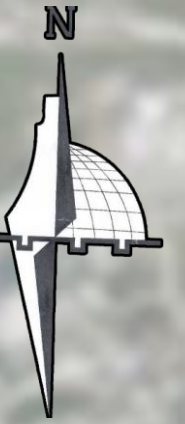
Banks

Terminals

Commercial

Entertainment

Roundabout "squares"



SPACE SYNTAX ANALYSIS

Integration & depth

High integration

Easy to reach

High integration roads for
Pedestrian area

High depth

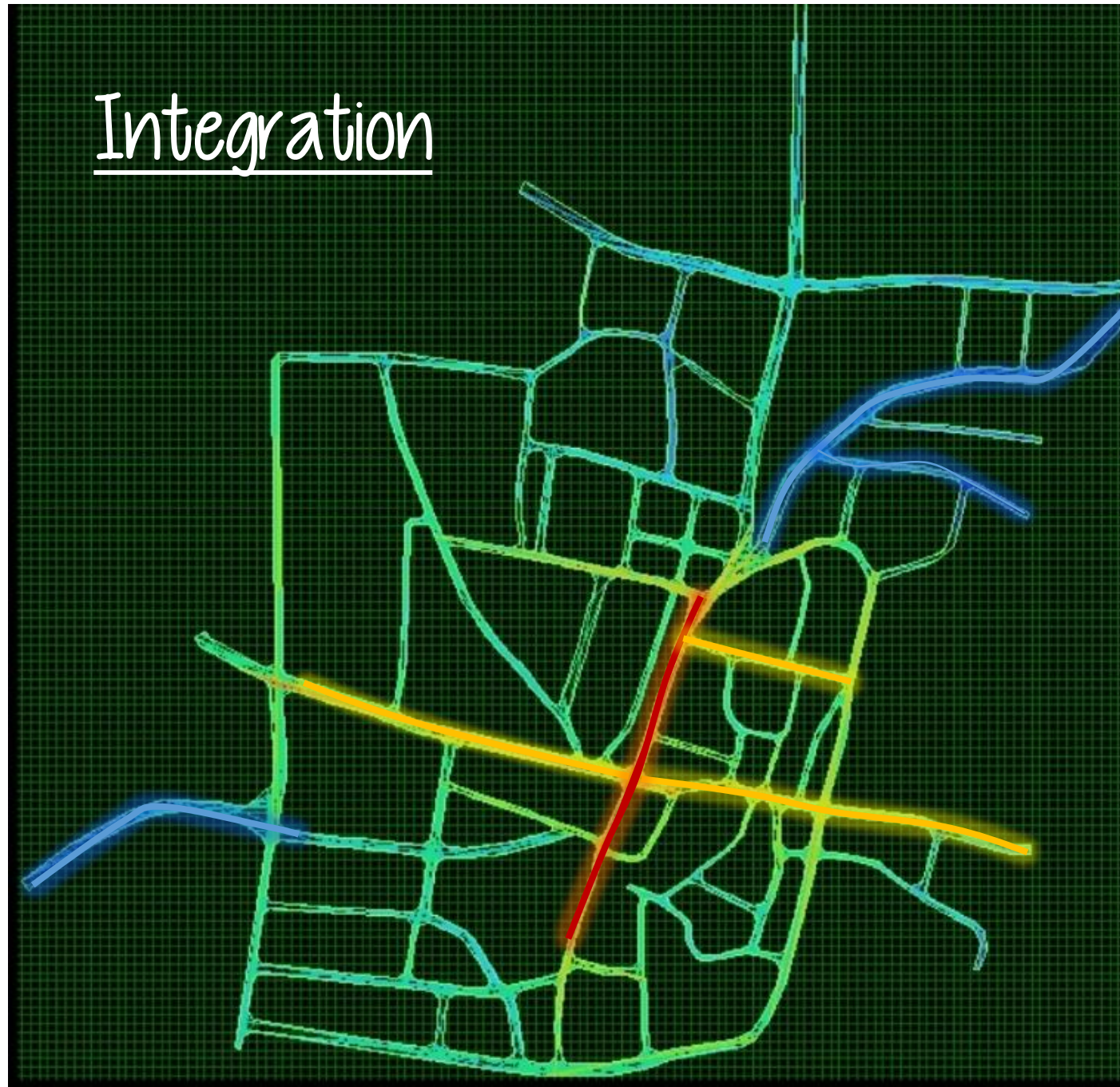
Difficult access roads

High depth roads for
Bicycle path

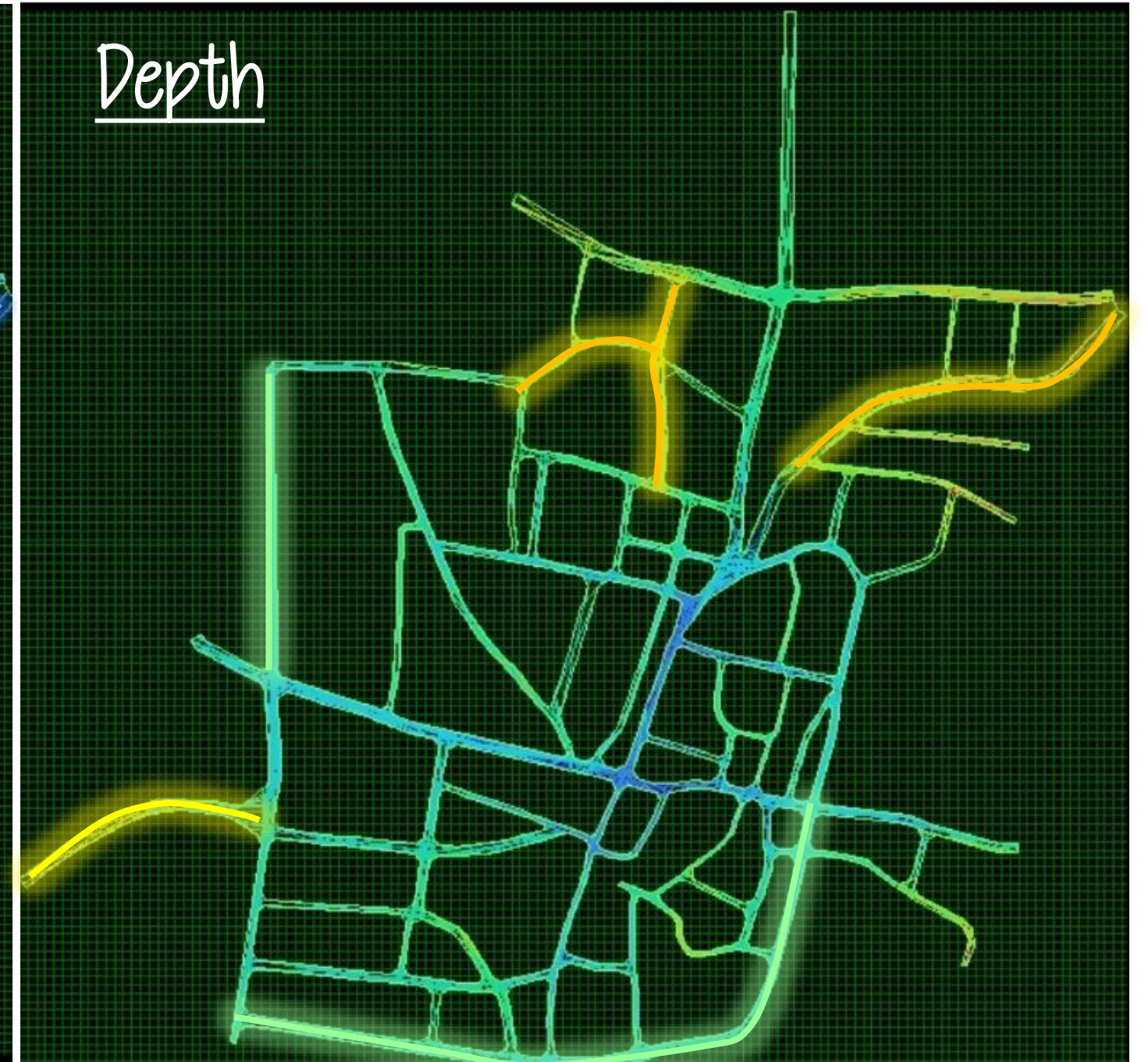
High

Low

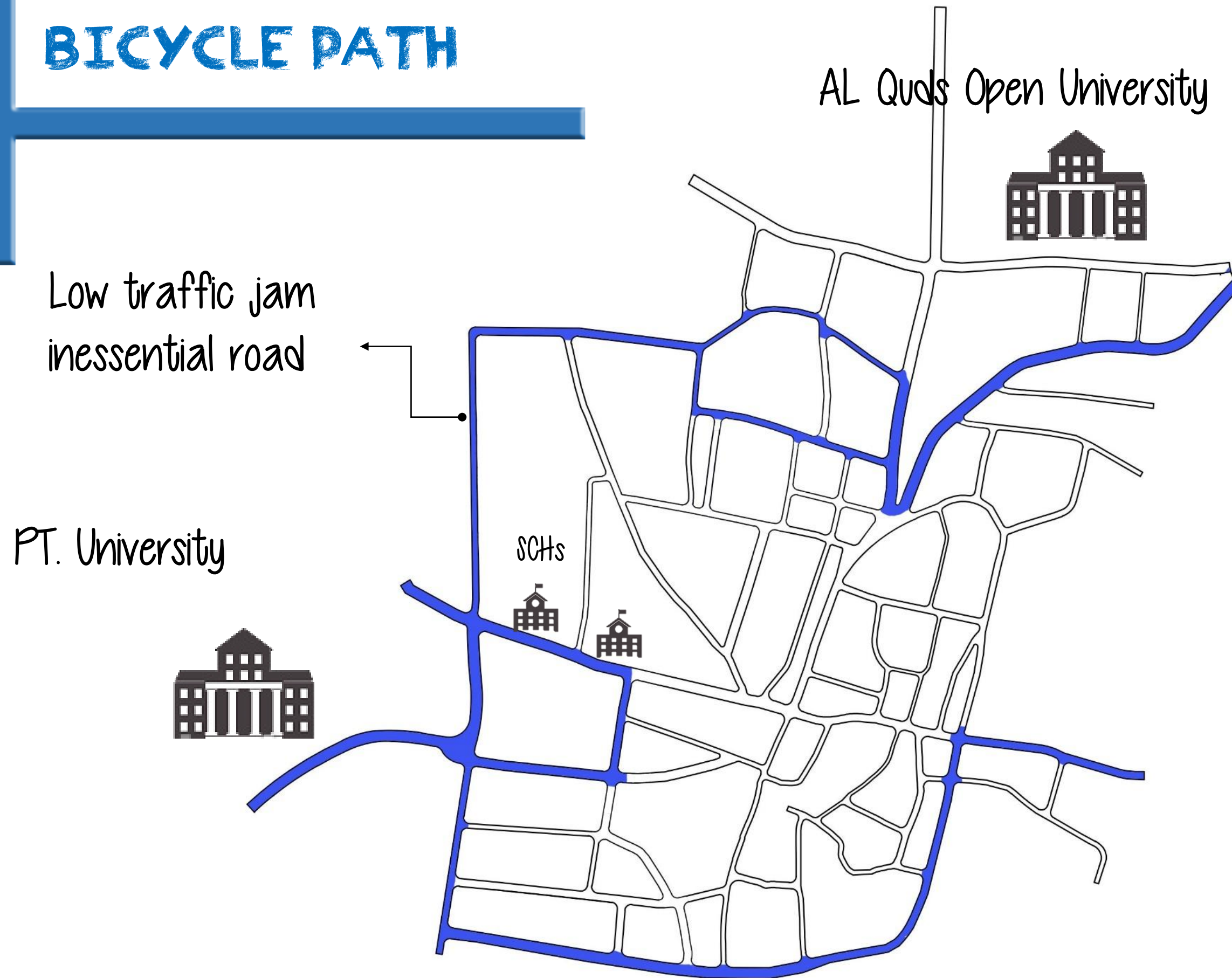
Integration



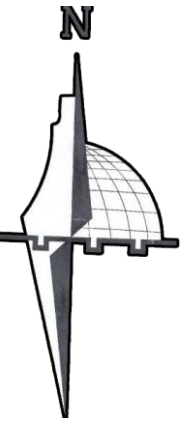
Depth



PROPOSED BICYCLE PATH



properties



- Connect the two universities

PTU



AL Quds Open



- Low depth road

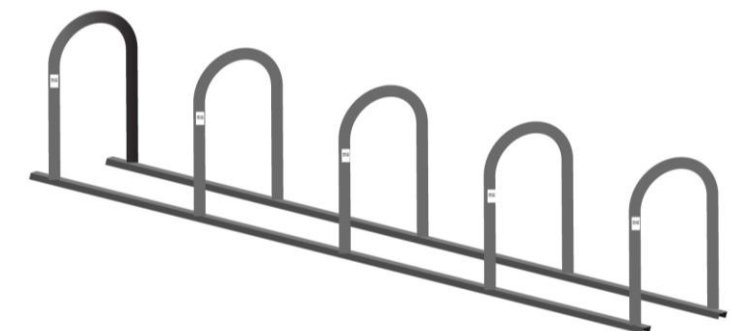


- targeting young users

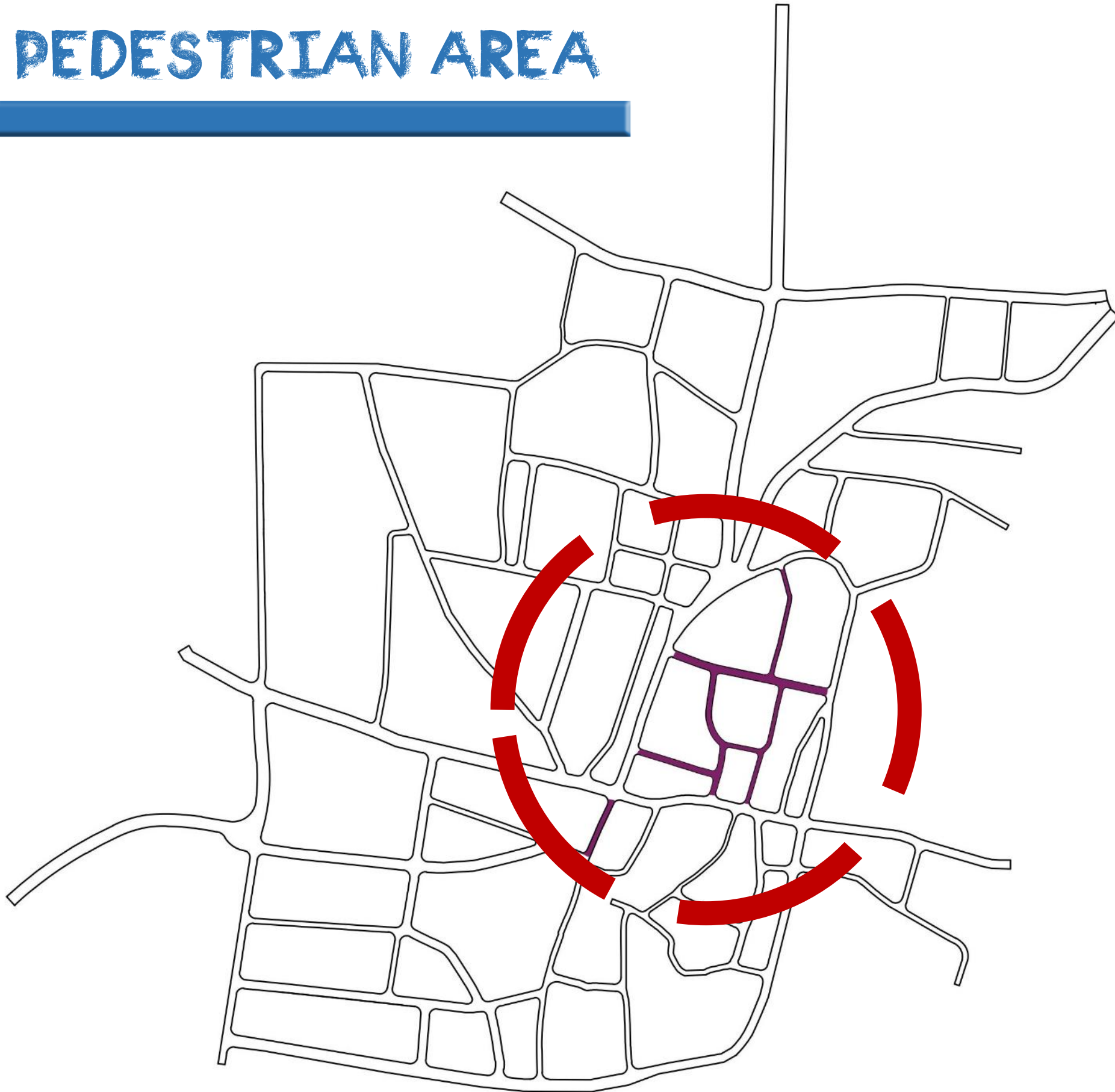


- 2 ways bath with 2 meter width

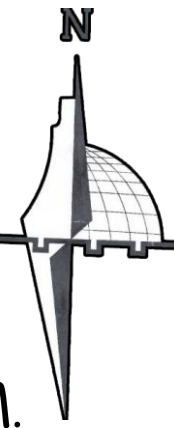
- Permanent & temporary parings



PROPOSED PEDESTRIAN AREA



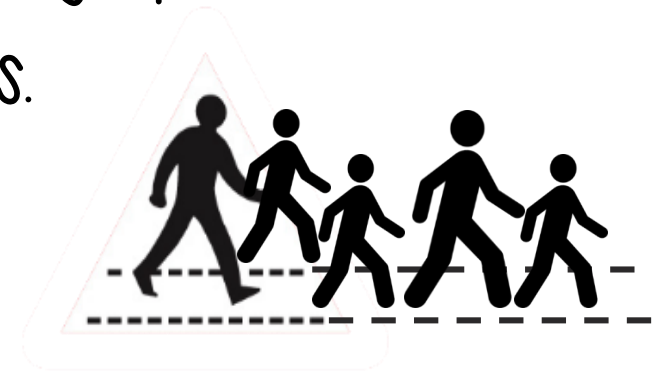
properties



- The roads that have a high traffic jam.



- The roads that have a high potential to Be closed in special occasions.

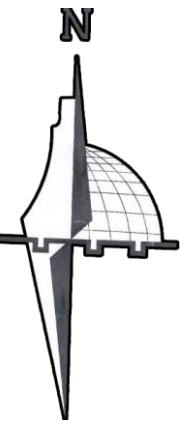


- Small cars can be only used in this area if the Users had to.



- Specify hours to upload, download goods.
- Provide pergolas to make shadow for users
In addition to all elements improve pedestrian movement

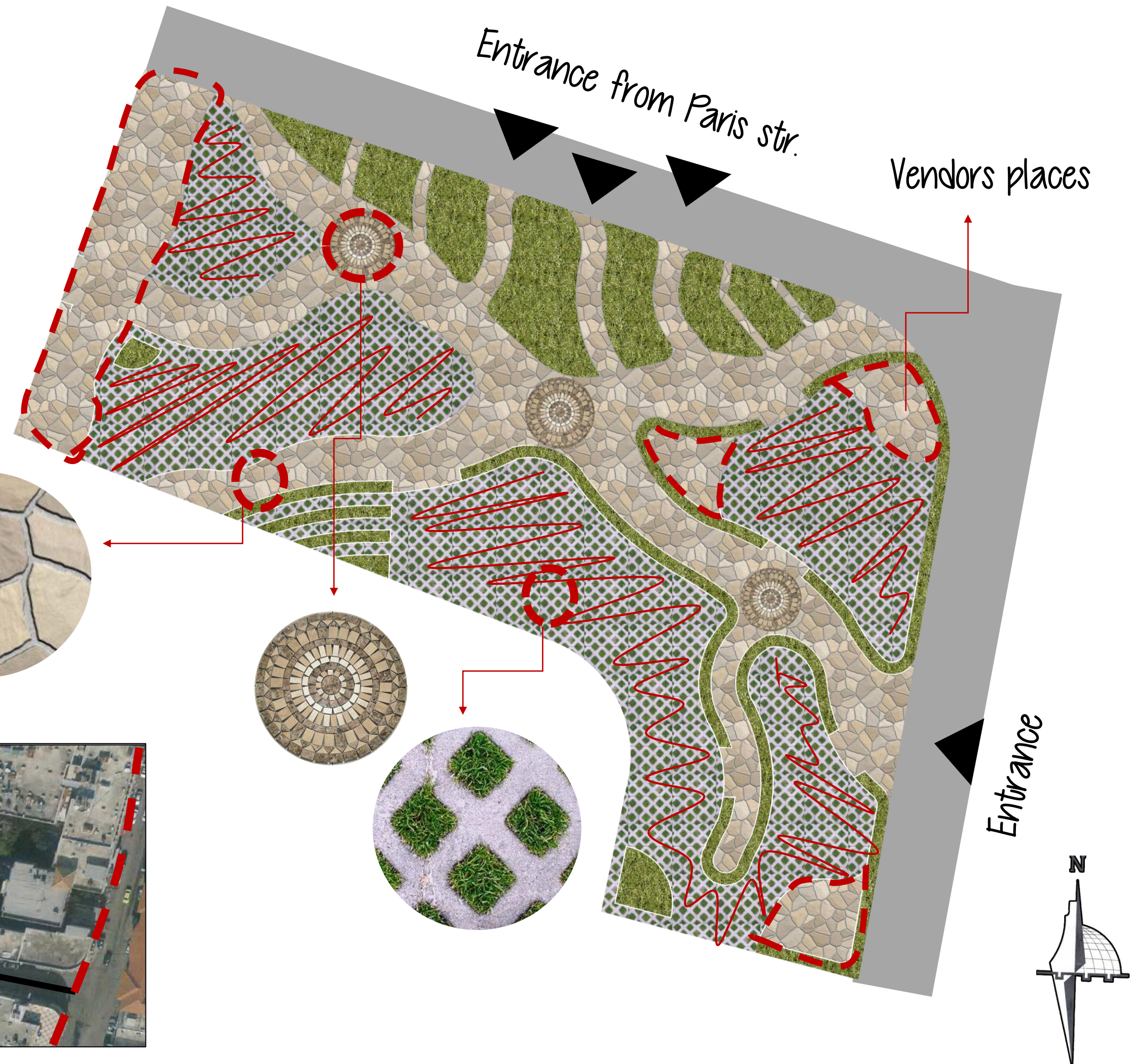
PROPOSED GREEN AREA



GREEN AREA DESIGN

"Detailed plan" 1:250

- Area = 700 m²
- 4 entrances
- 4 spaces designated to sit and rest.
- 5 spaces designated for vendors.
- Different tiles used



GREEN AREA DESIGN

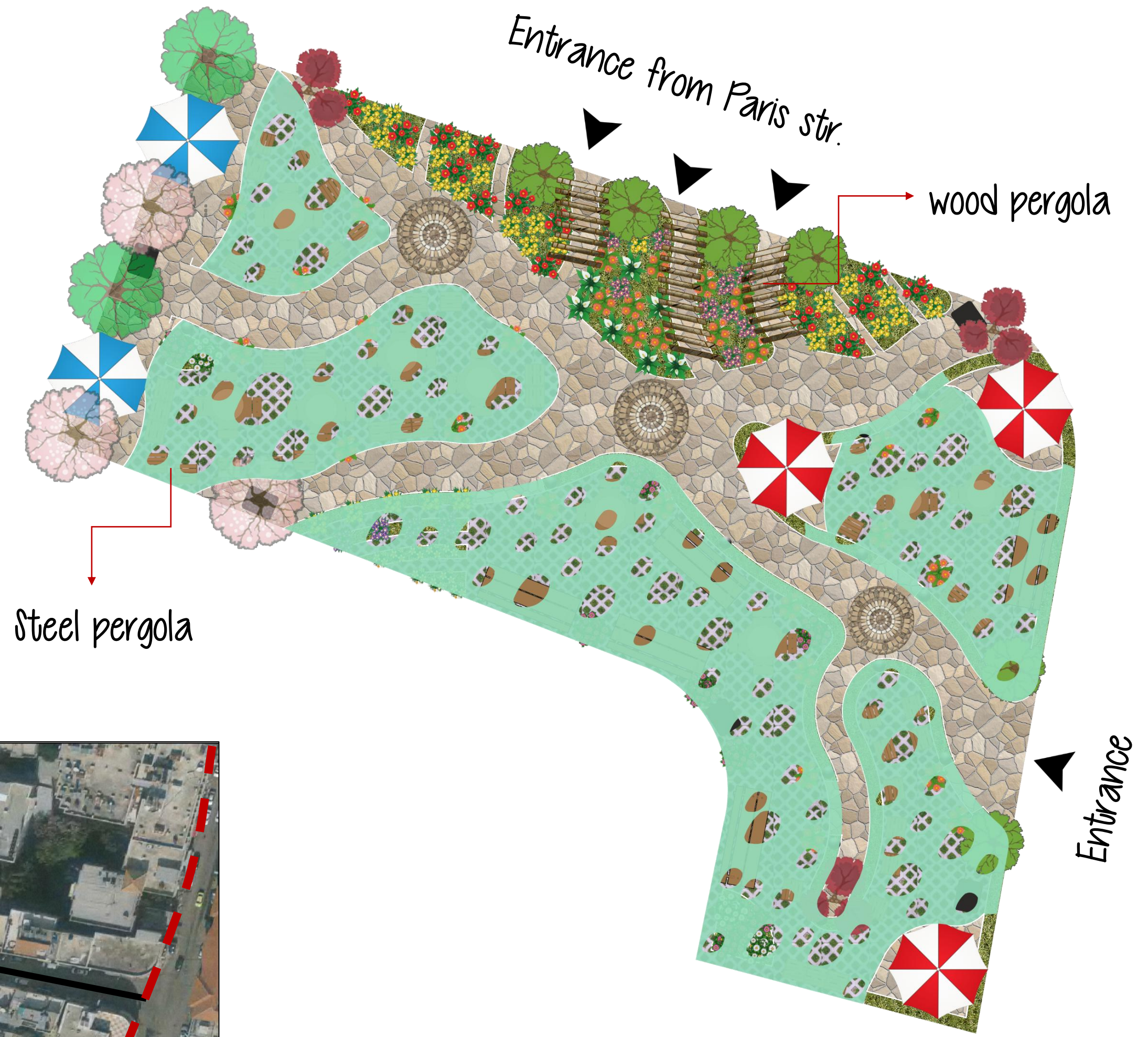
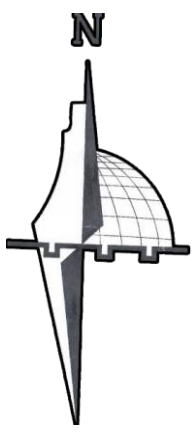
"Detailed plan" 1:250

- Area = 700 m²
- 4 entrances
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- 5 spaces designated for vendors.
- Different tiles used



GREEN AREA DESIGN

"Detailed plan" 1:250

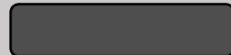

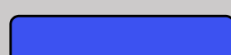






TRAFFIC PLAN

1:1500



Legend

-  Road Network
-  Pedestrian Area
-  Road network with bicycle lane
-  Existed terminals
-  Existed private parking
-  Proposed car parking
-  Proposed bicycle parking

TRAFFIC PLAN & CIRCULATION

1:1500

From West



Khodori
roundabout

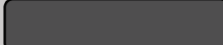

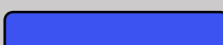




Tulkarm
camp

Mukataa
Bld.

From East

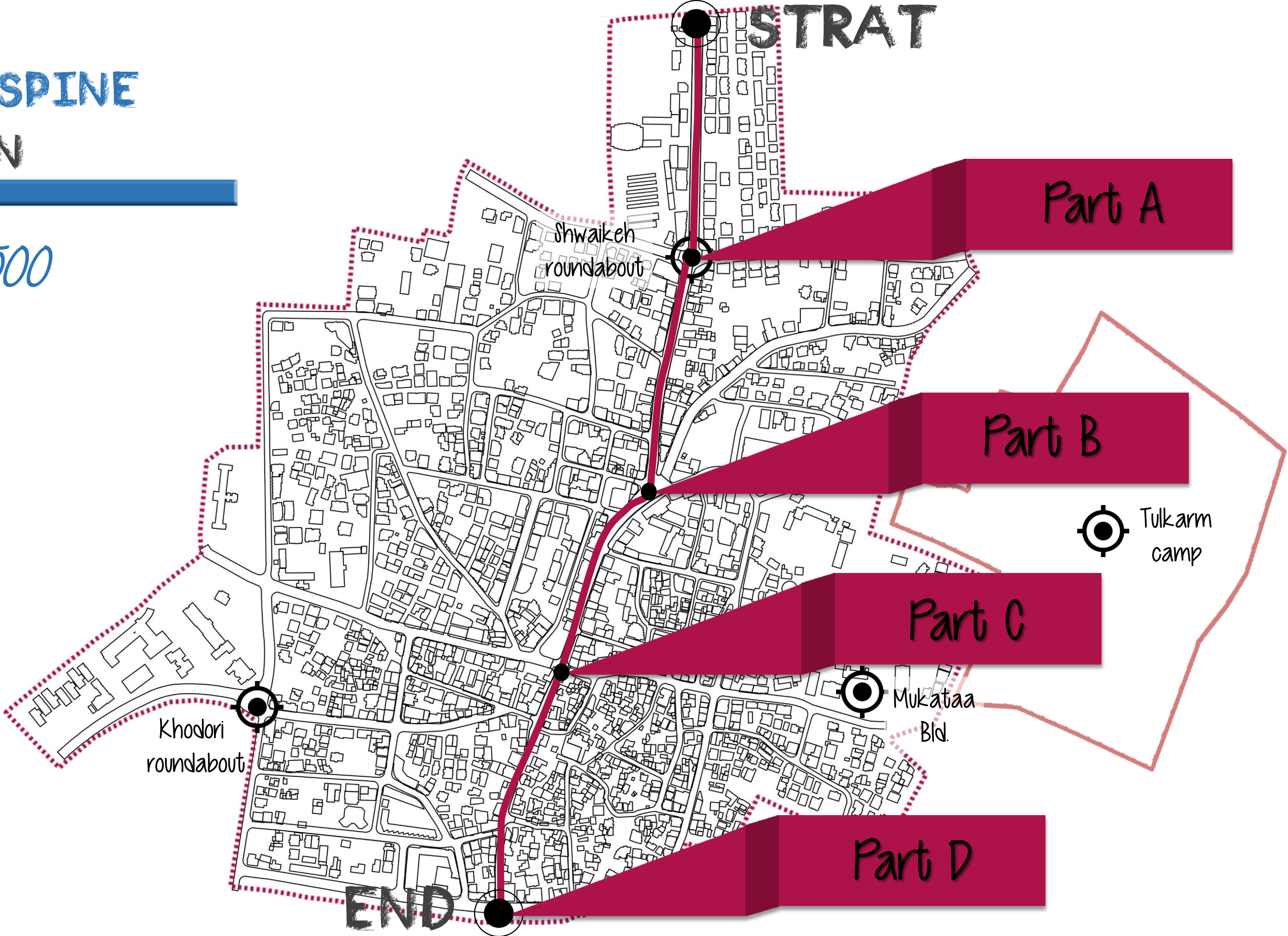
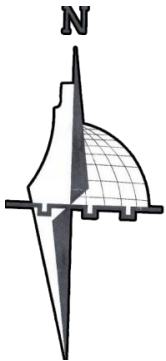
From South

Legend

-  Road Network
-  Pedestrian Area
-  Road network with bicycle lane
-  Existed terminals
-  Existed private parking
-  Proposed car parking
-  Proposed bicycle parking

MAIN SPINE DESIGN

1:6500



PART A

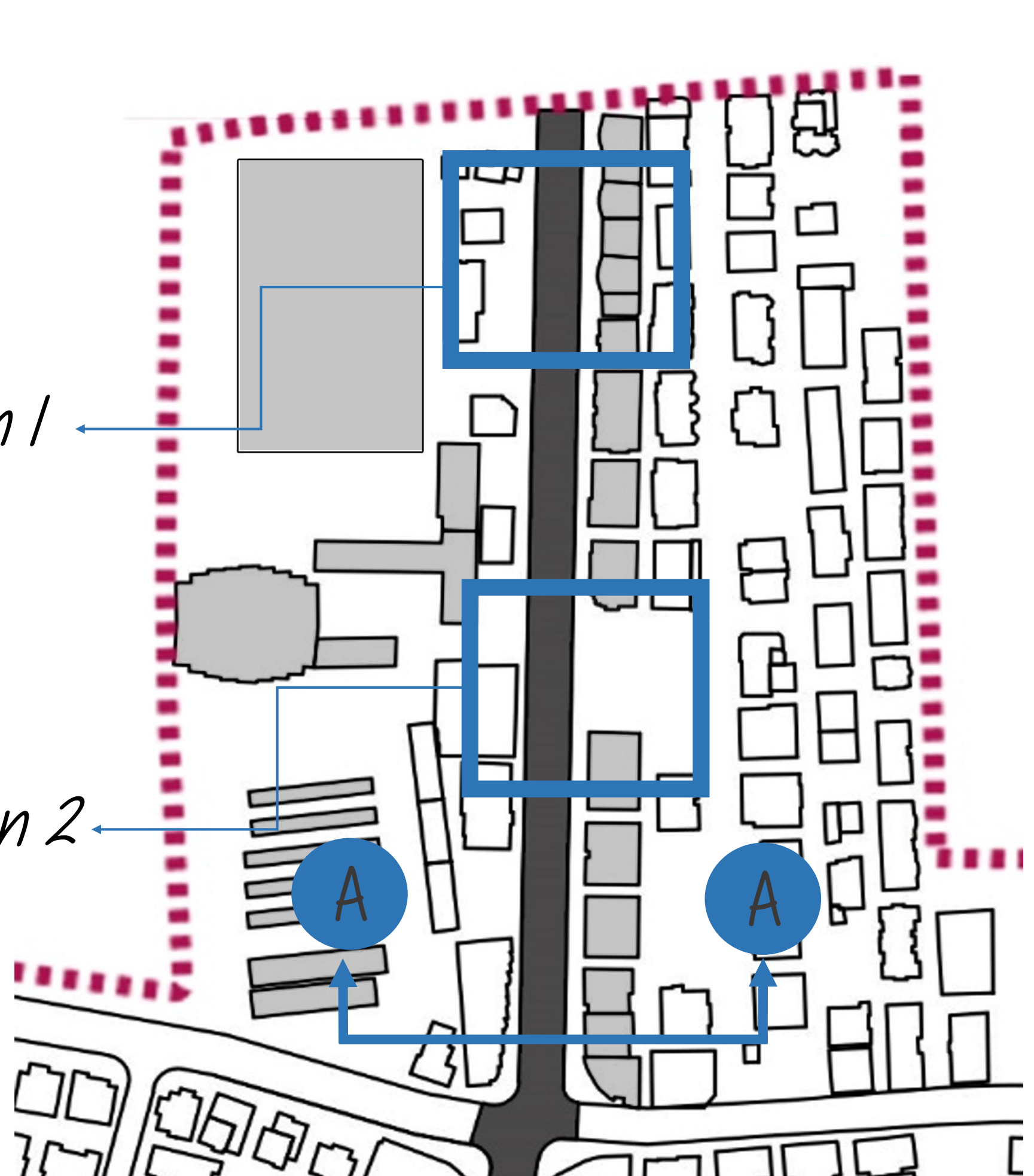
"SHWEIKEH STR."

Sections , detailed plan

- According to Master plan classification :
Longitudinal commercial street

Detailed plan 1

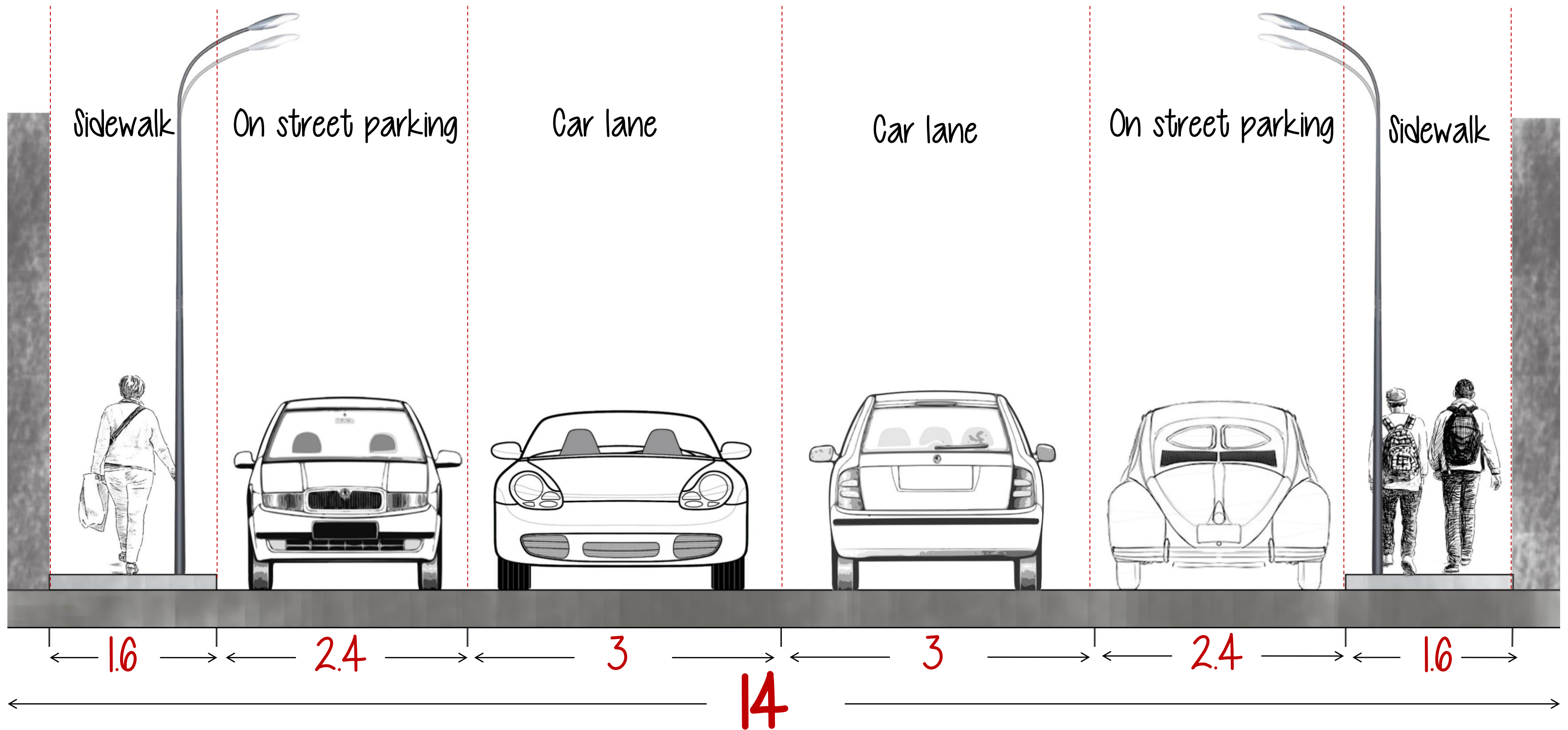
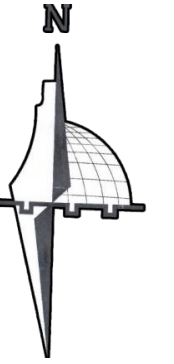
Detailed plan 2



PART A

SECTION A-A

Existed condition 1:50

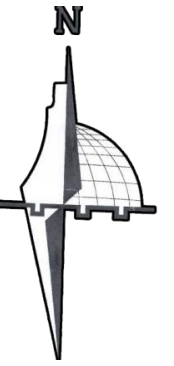


PART A

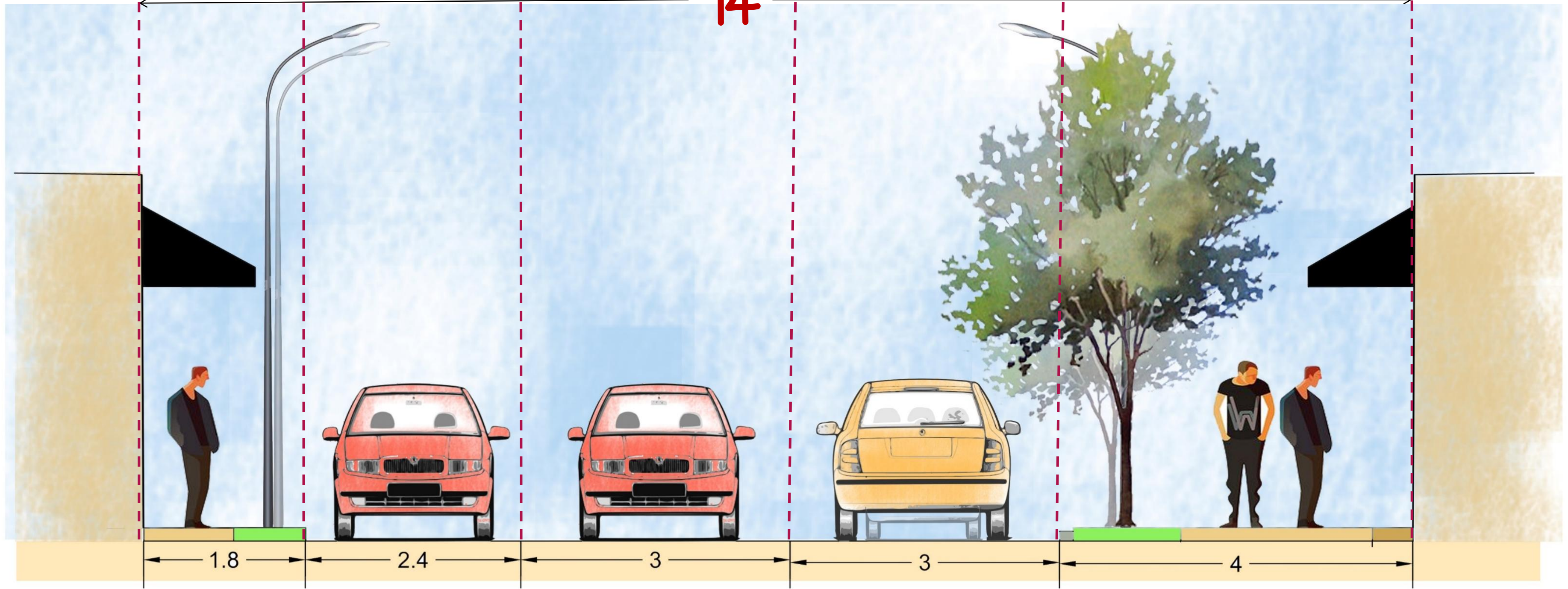
SECTION A-A

Development condition

1:50



Sidewalk Parking lane Car lane **4** Car lane Sidewalk

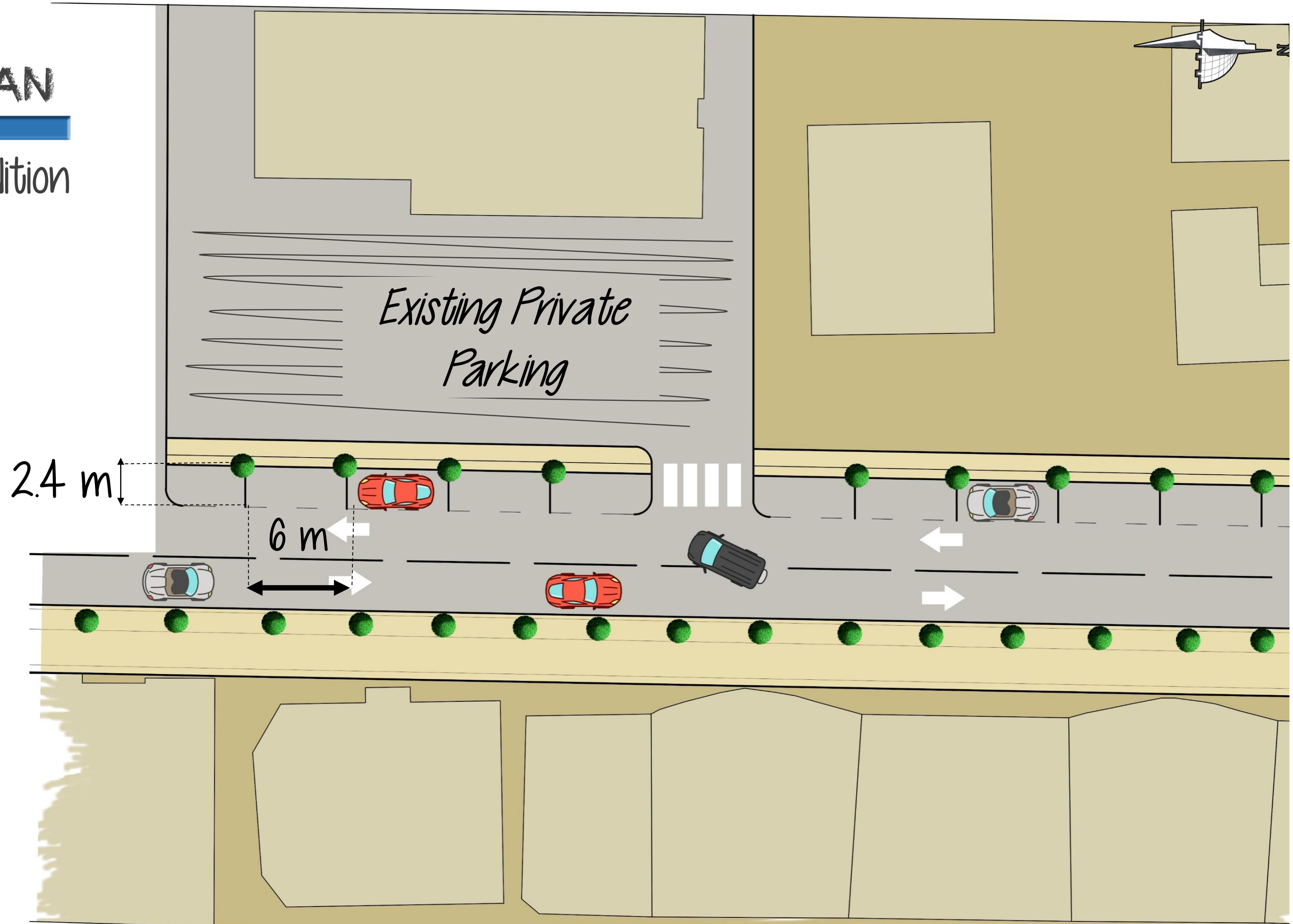


PART A

DETAILED PLAN

Development condition
1:50

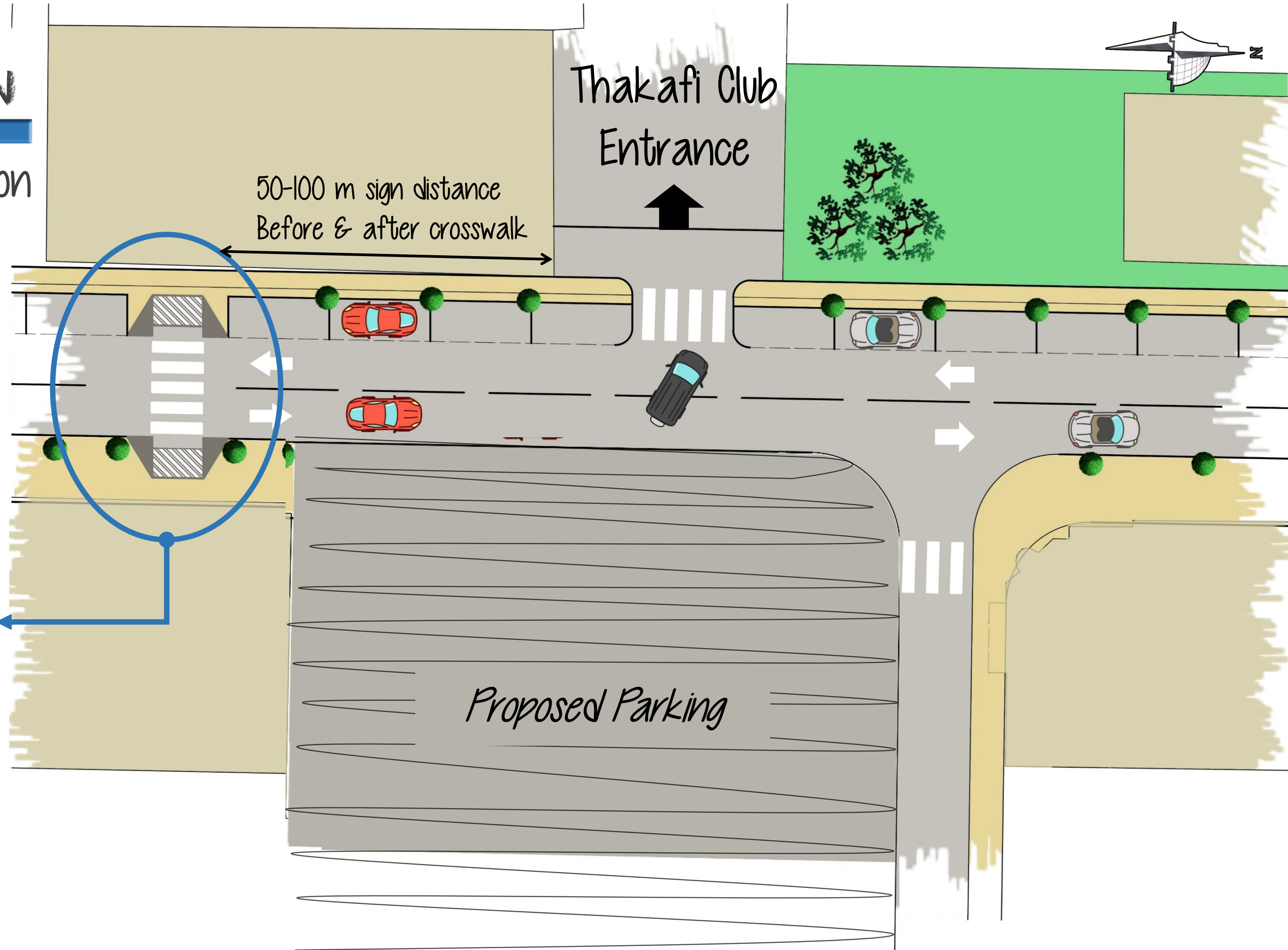
Development condition
1:50



PART A DETAILED PLAN

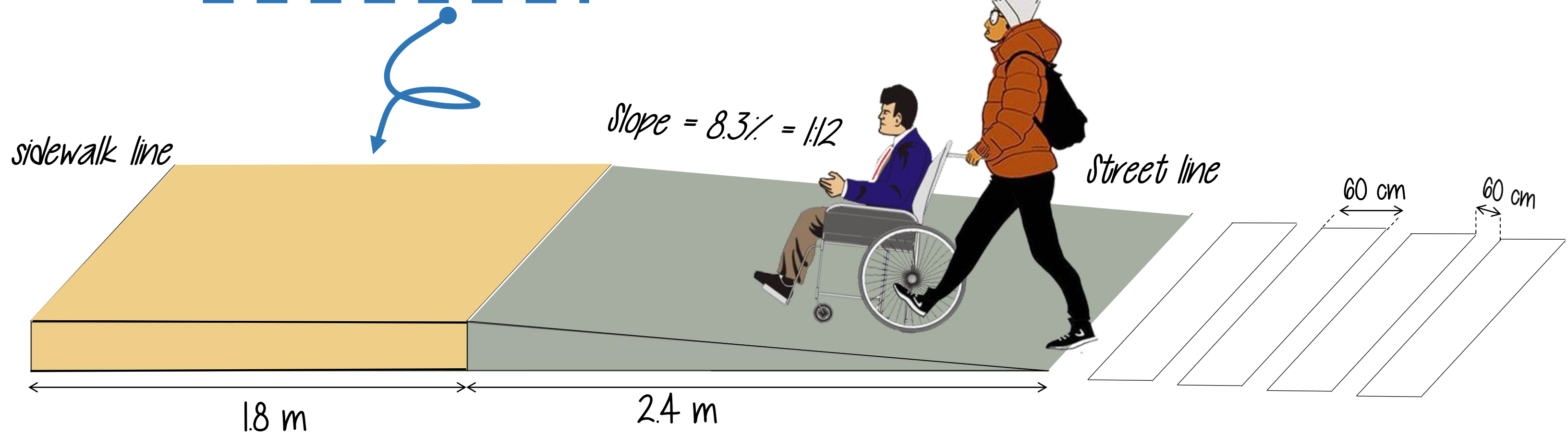
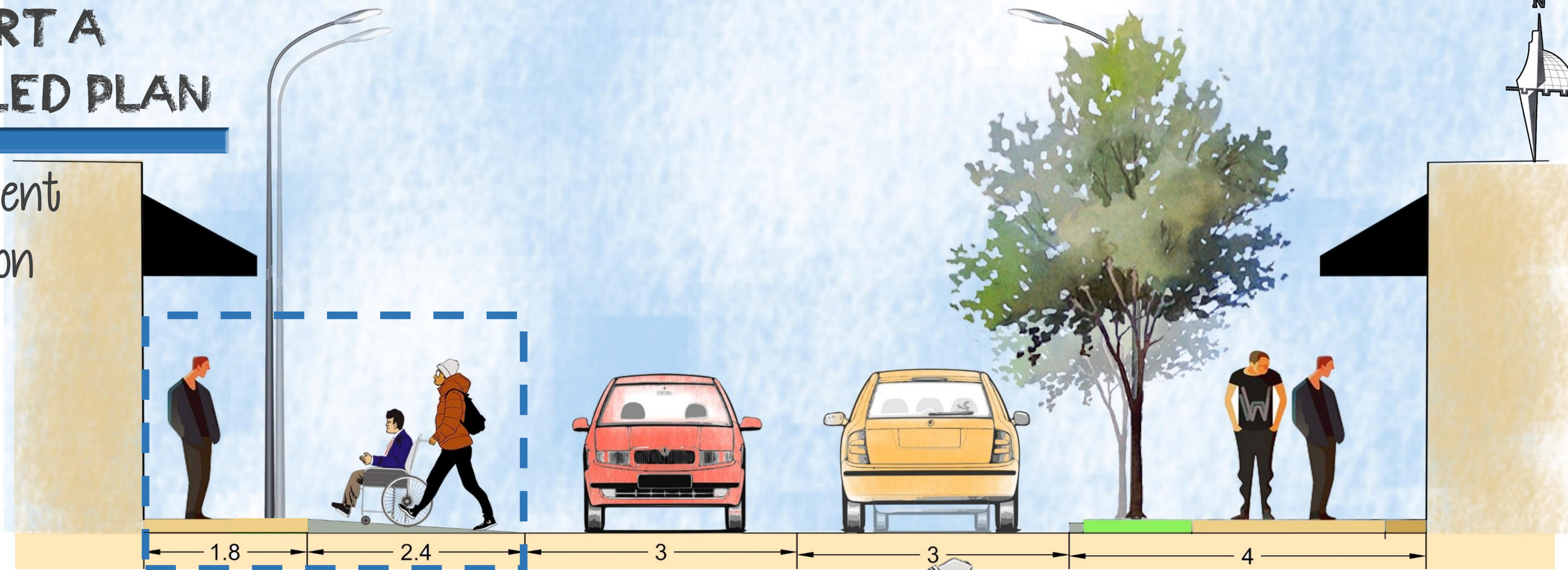
Development condition
1:50

*Curb ramp
Fro crossing*



PART A DETAILED PLAN

Development
condition
1:50



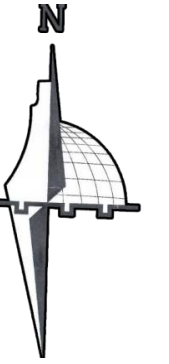
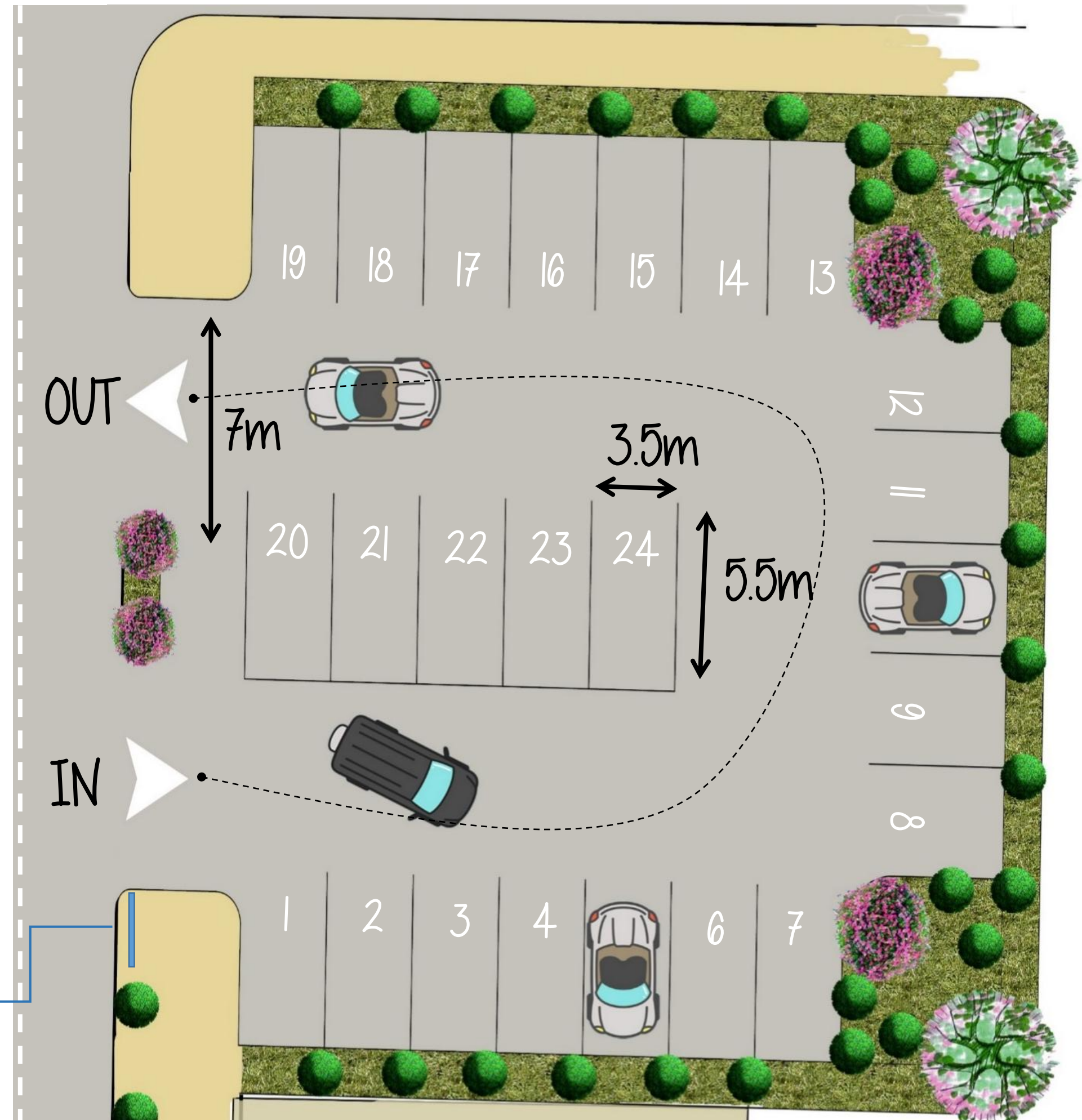
PART A

Proposed parking lot detailed Plan 1:50

- Are = 900 m²
- 24 spaces provided
- Each space is 3.5*5.5
- One way parking



Parking sign



PART A

3D shots

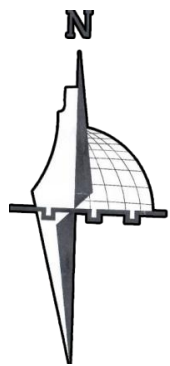


PART B

"HAIFA STR."

Sections , elevations
& detailed plan

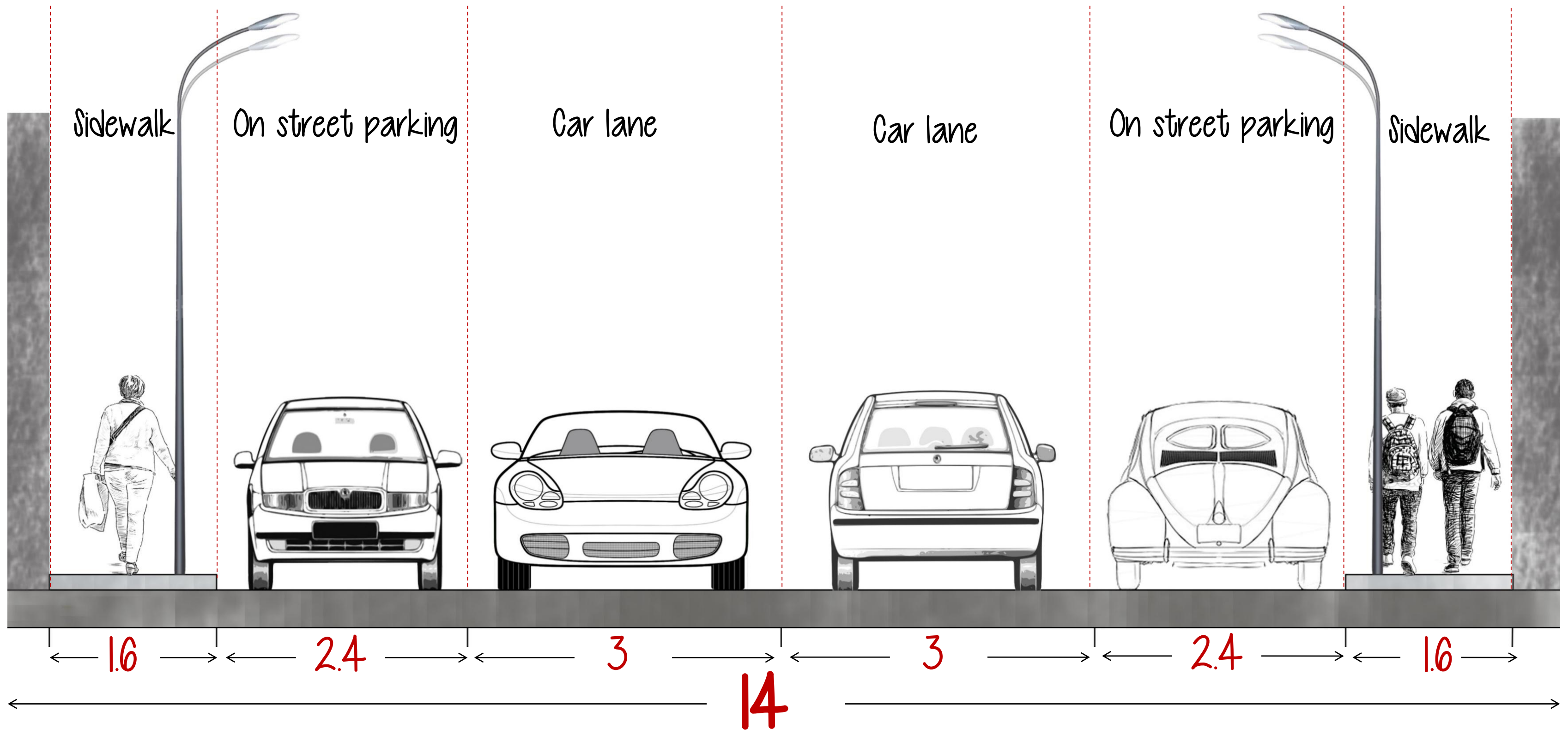
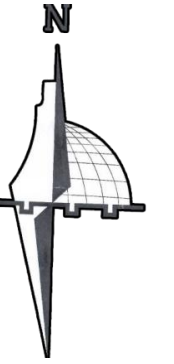
- According to Master plan classification :
Longitudinal commercial street



PART B

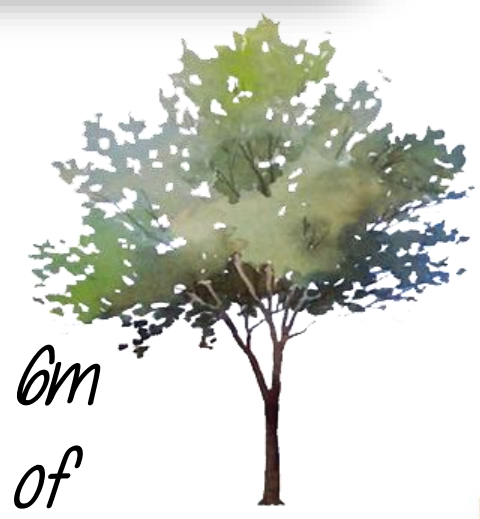
SECTION A-A

Existed condition 1:50

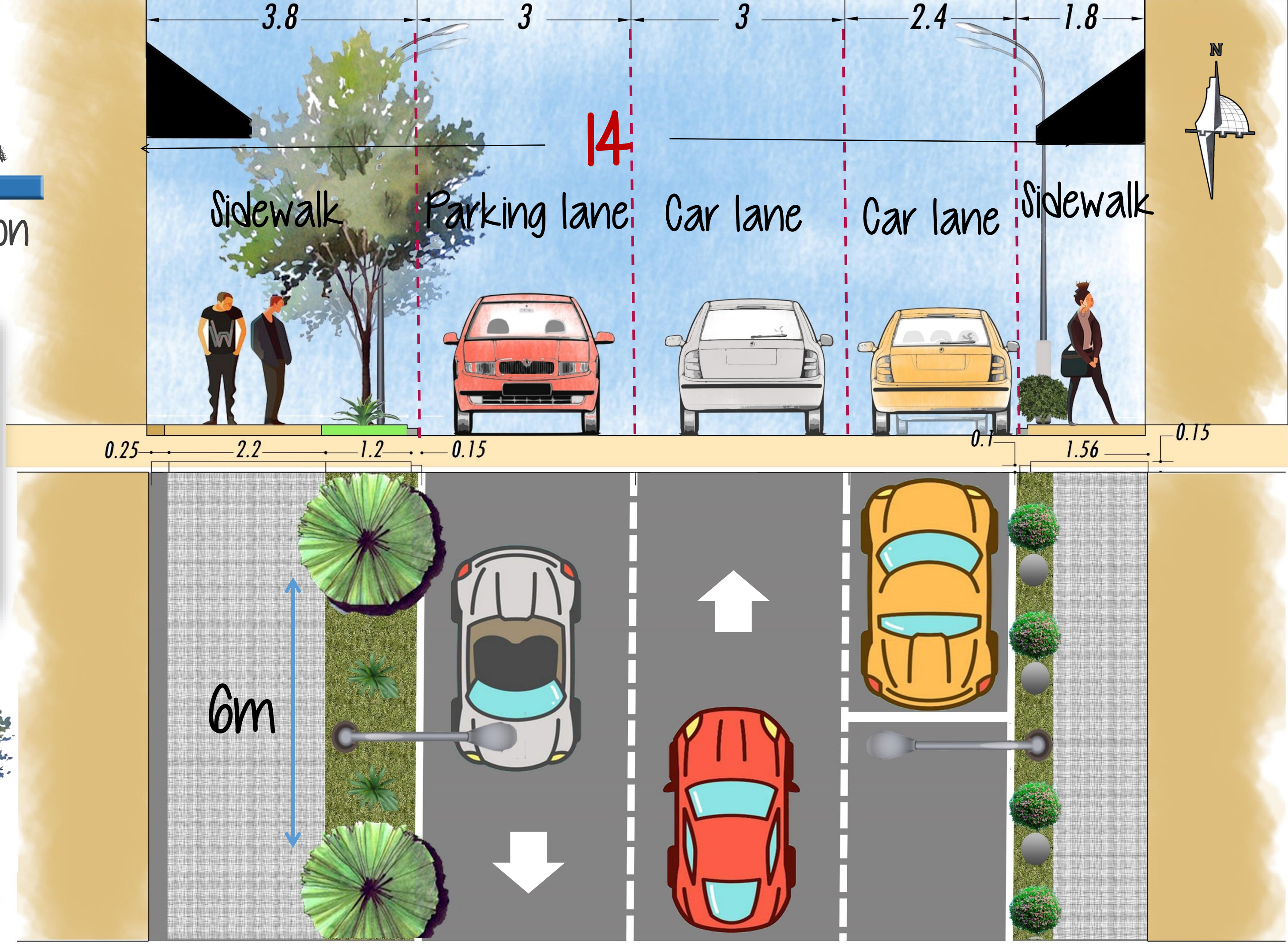


PART B SECTION A-A

Development condition
1:50

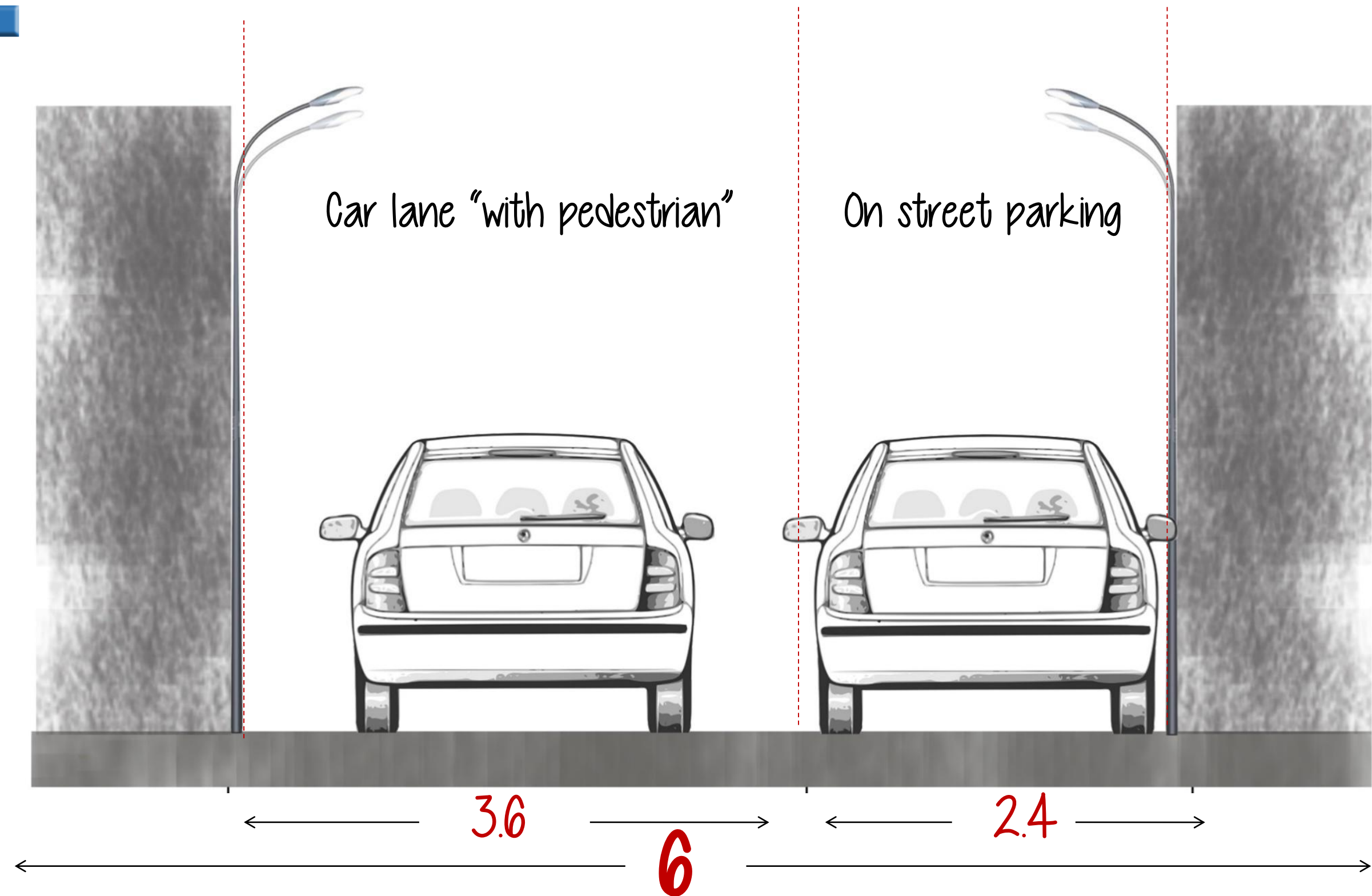
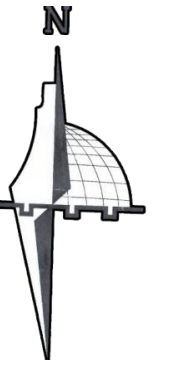


- Spacing = 6m
- Diameter of tree's shadow = 1.5-5m



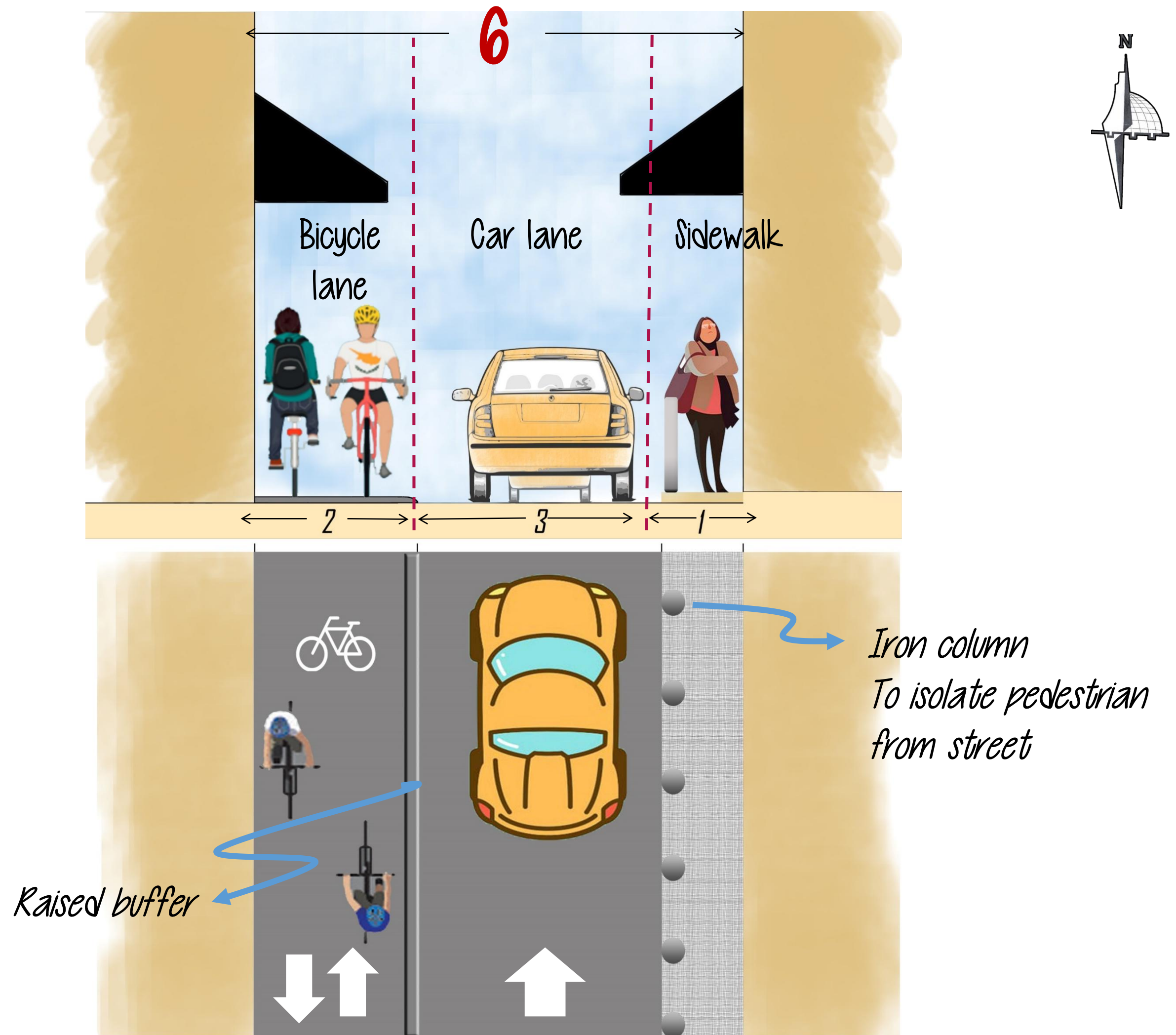
PART B SECTION B-B

Existed condition
1:50



PART B SECTION B-B

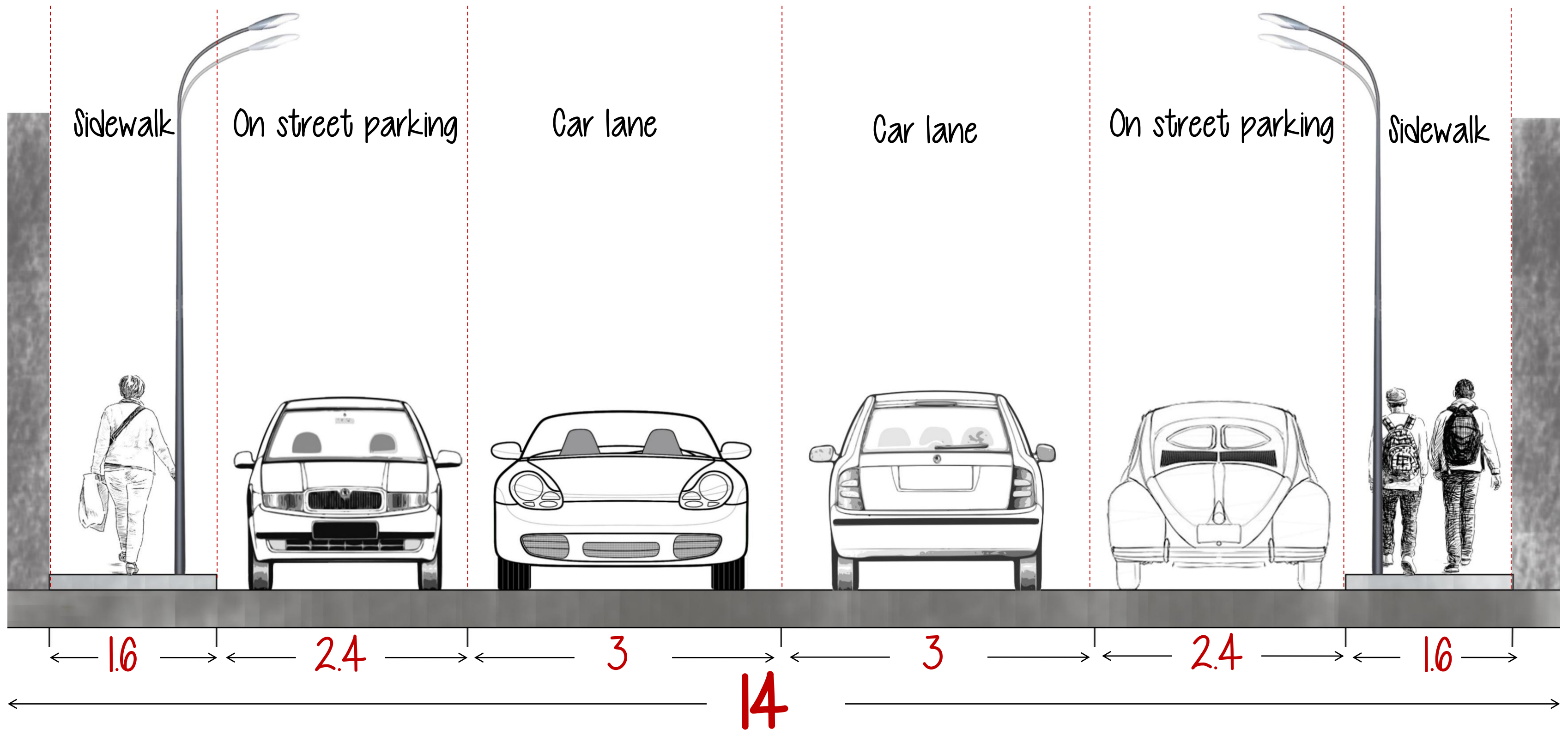
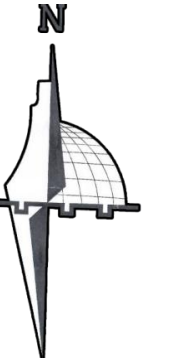
Development condition
1:50



PART B

SECTION C-C

Existed condition 1:50

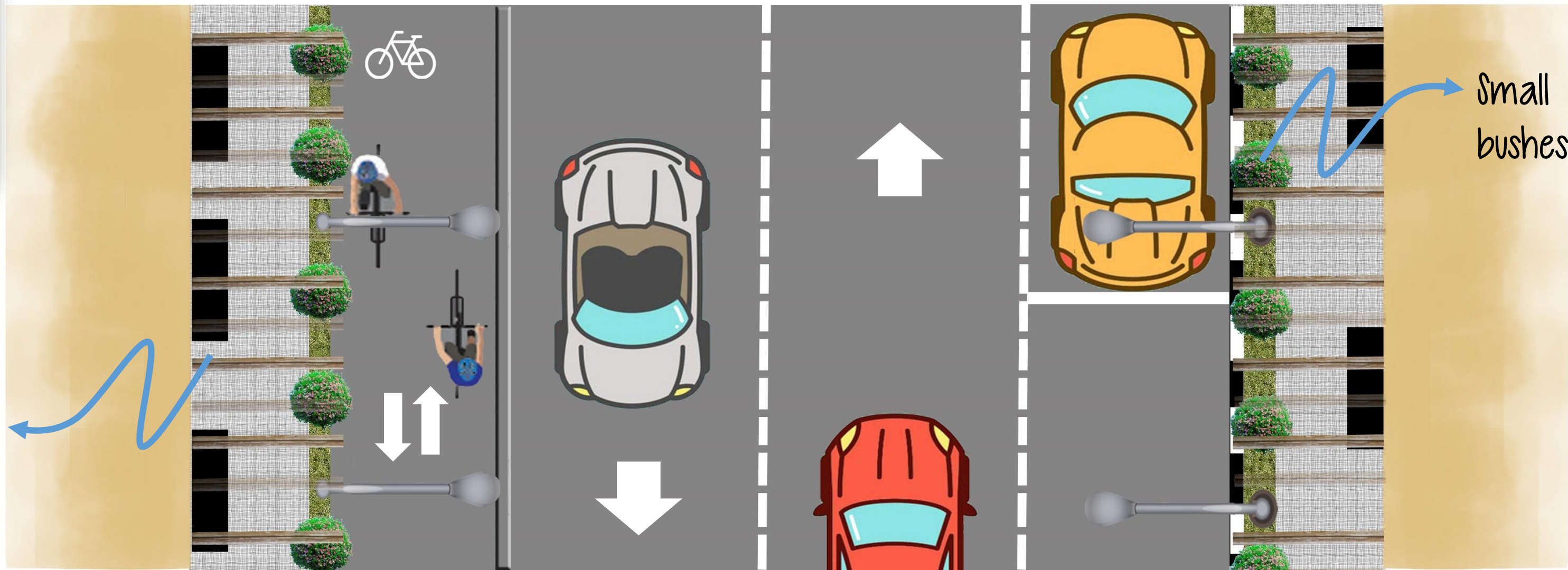
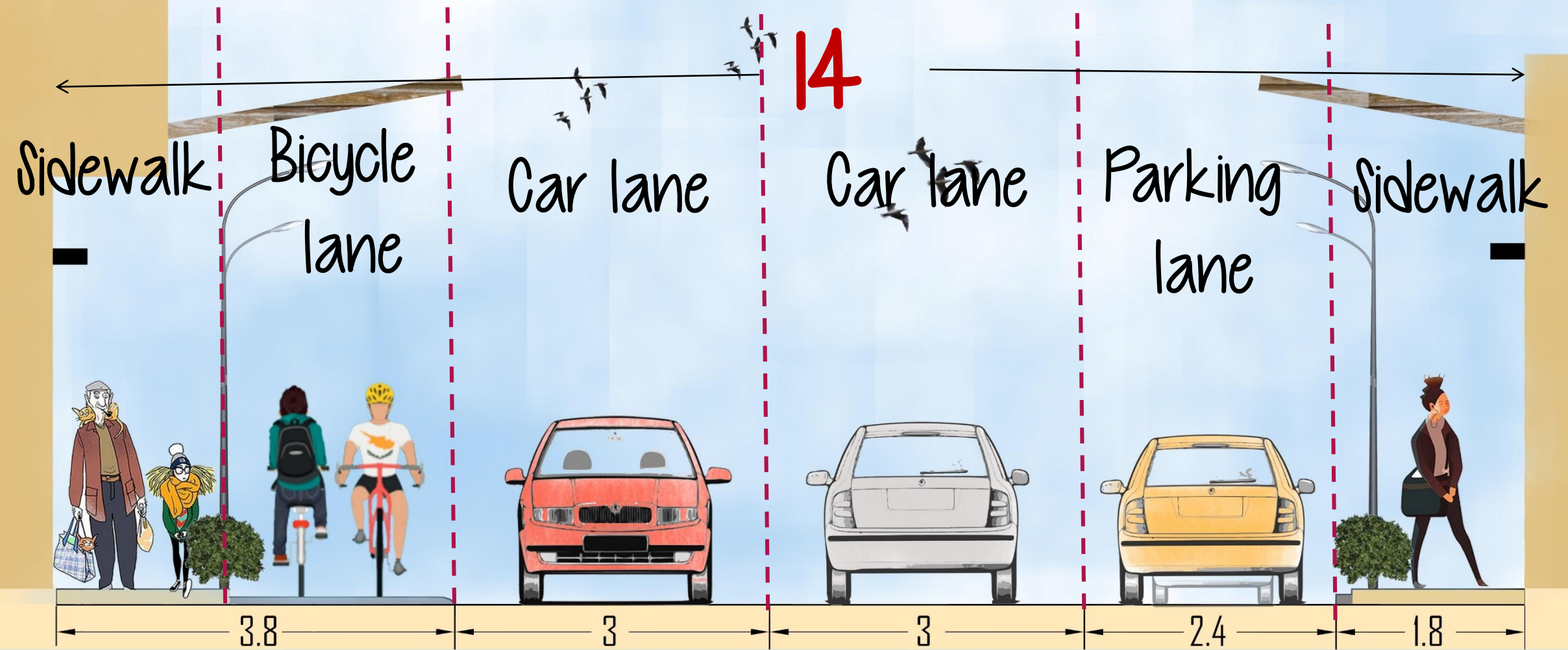


PART B SECTION C-C

Development condition
1:50



Wood pergola

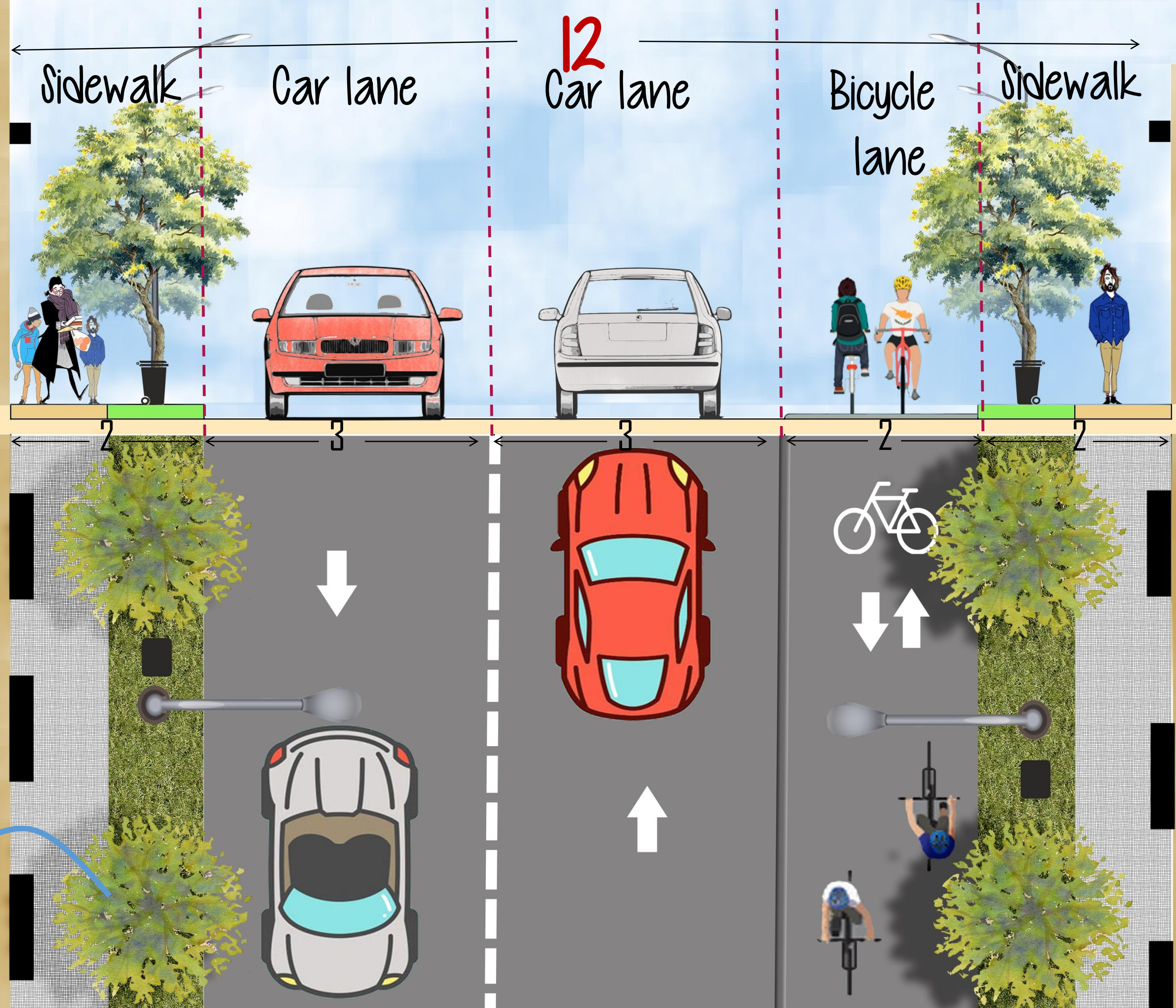


PART B SECTION D-D

Development condition
1:50



Trees added to
booth sides



PART B ELEVATION D

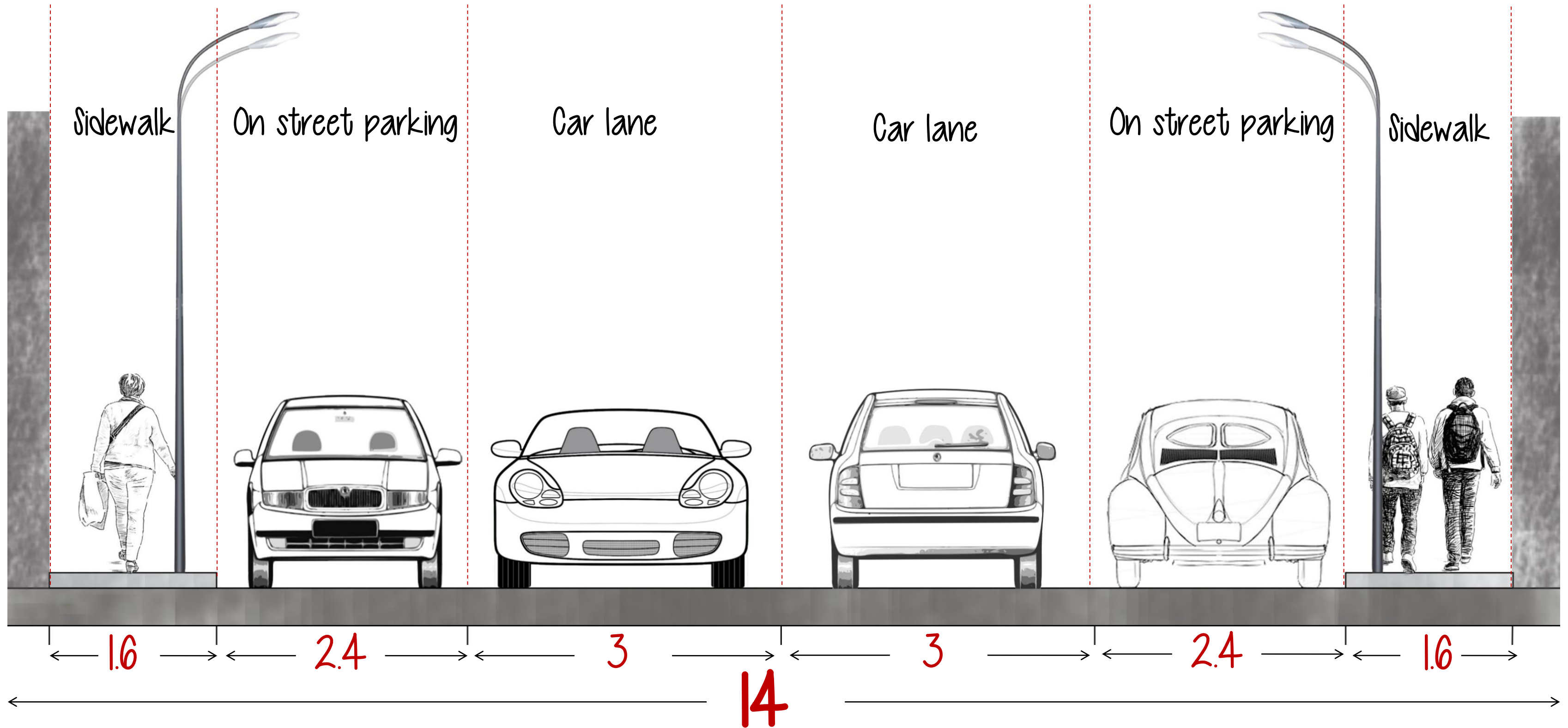
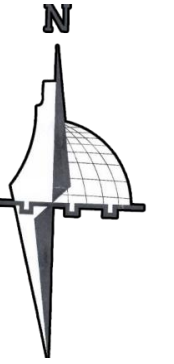
1:50



PART B

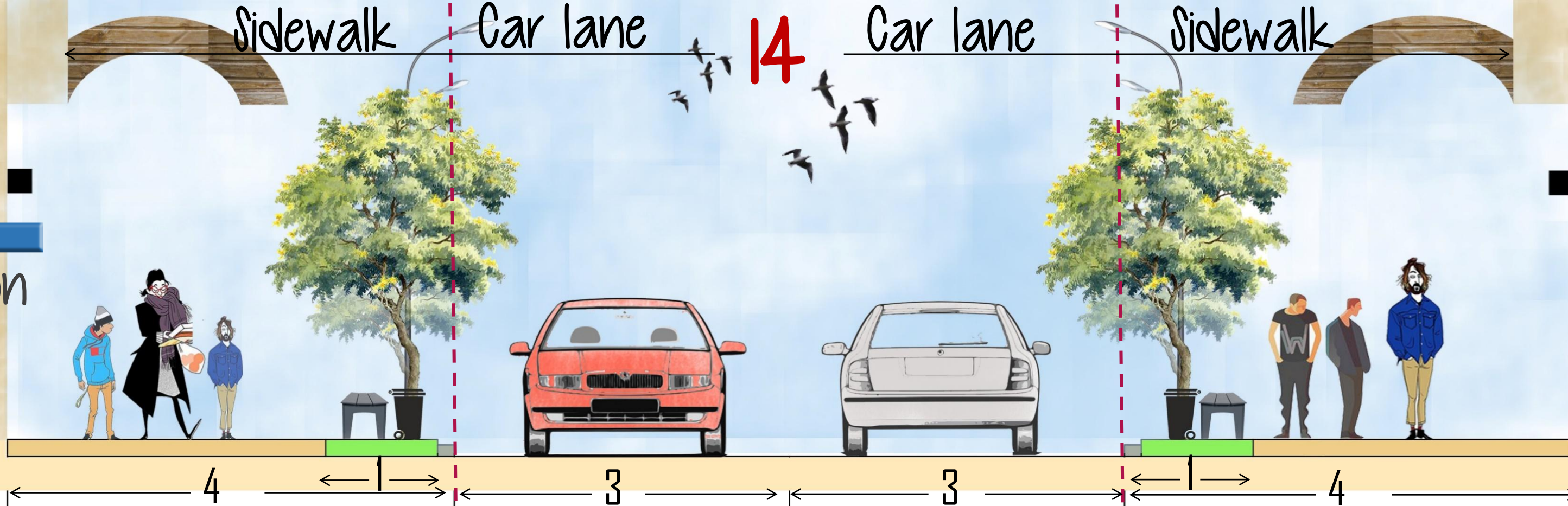
SECTION E-E

Existed condition 1:50



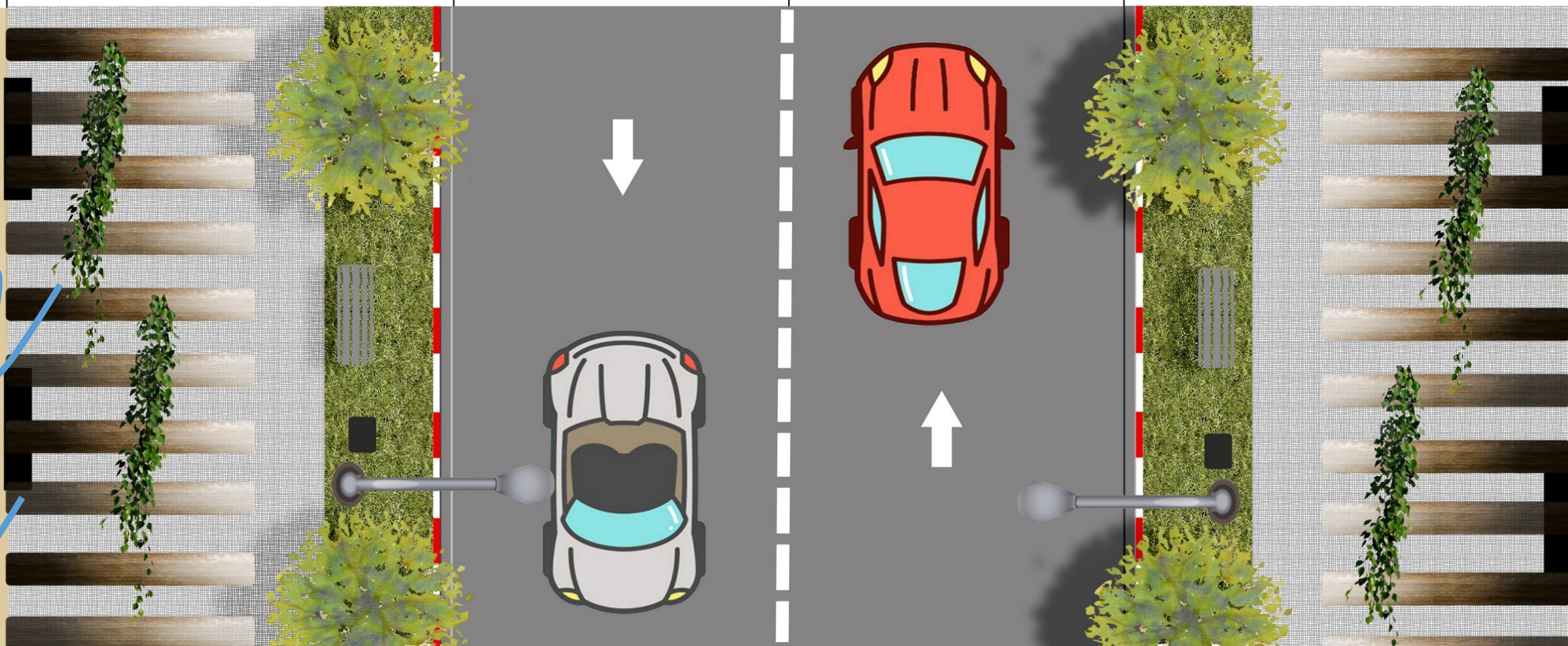
PART B SECTION E-E

Development condition
1:50



Climbing plants

Wood pergola



PART B ELEVATION E

1:50

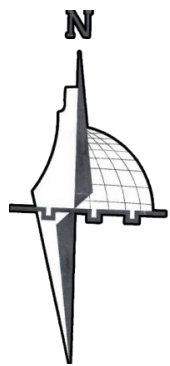


PART C

"KING HUSSAIN STR."

Sections & detailed plan

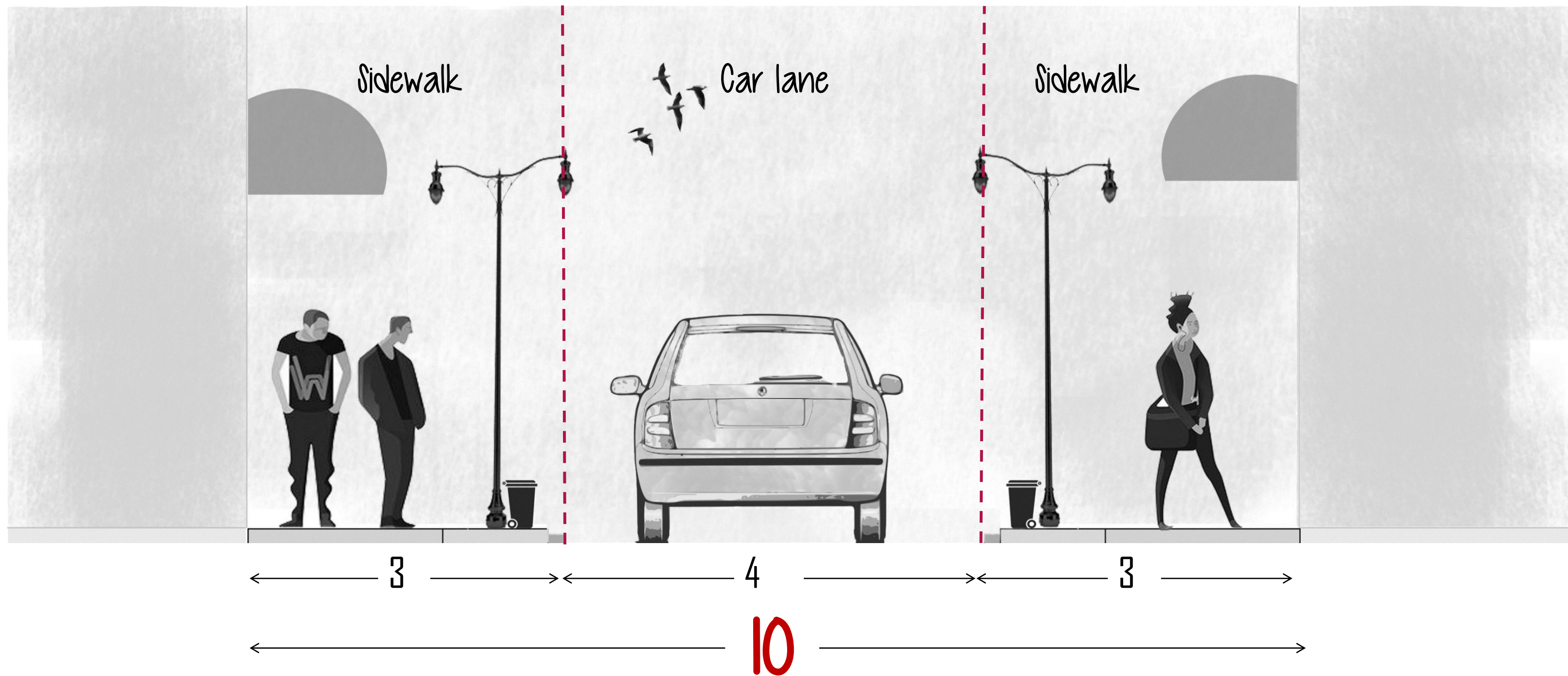
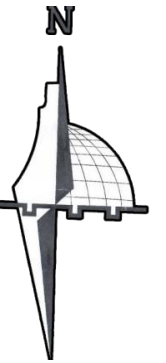
- According to Master plan classification :
commercial street "main center"



PART C

SECTION A-A

Existed condition 1:50

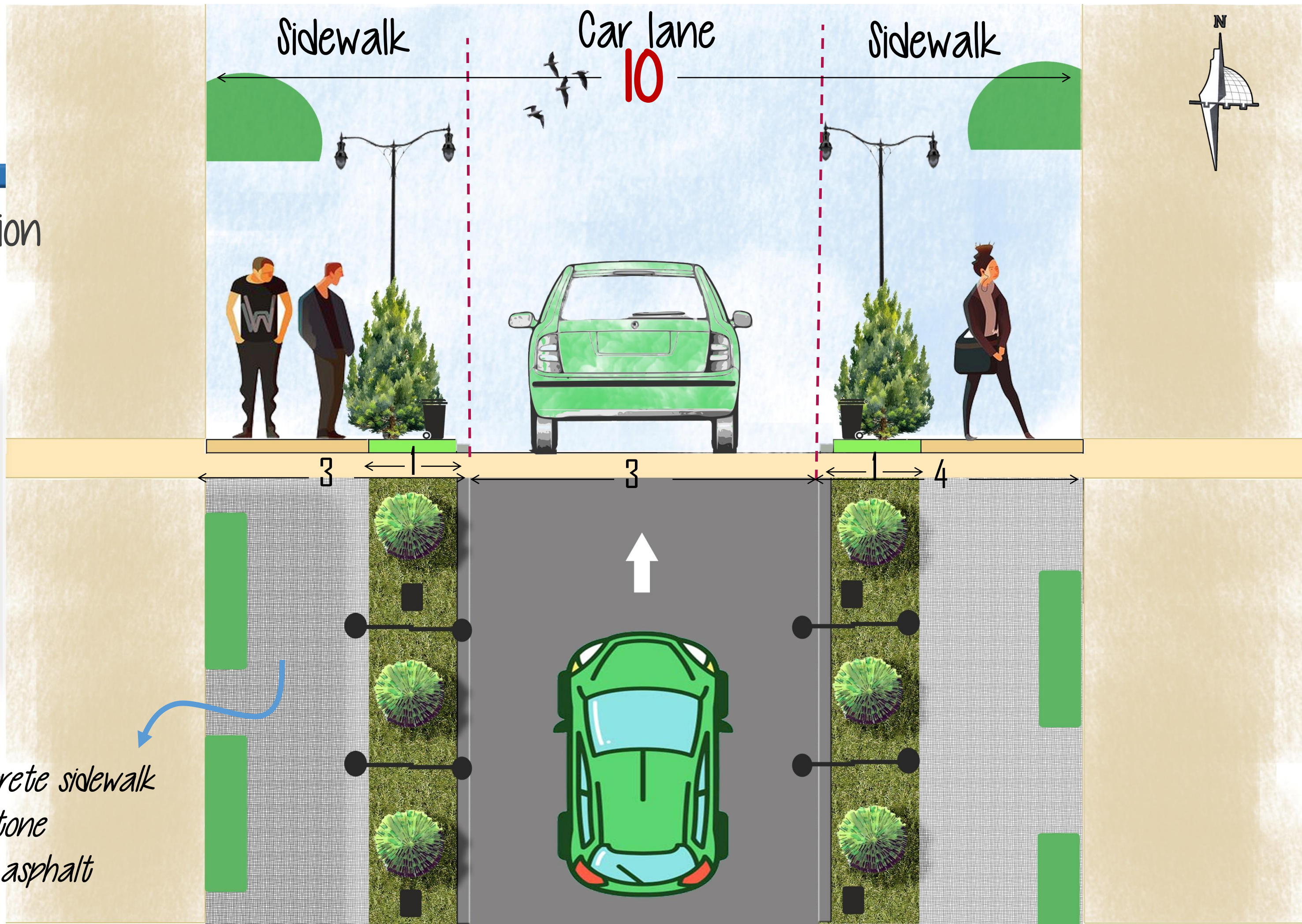


PART C SECTION A-A

Development condition
1:50

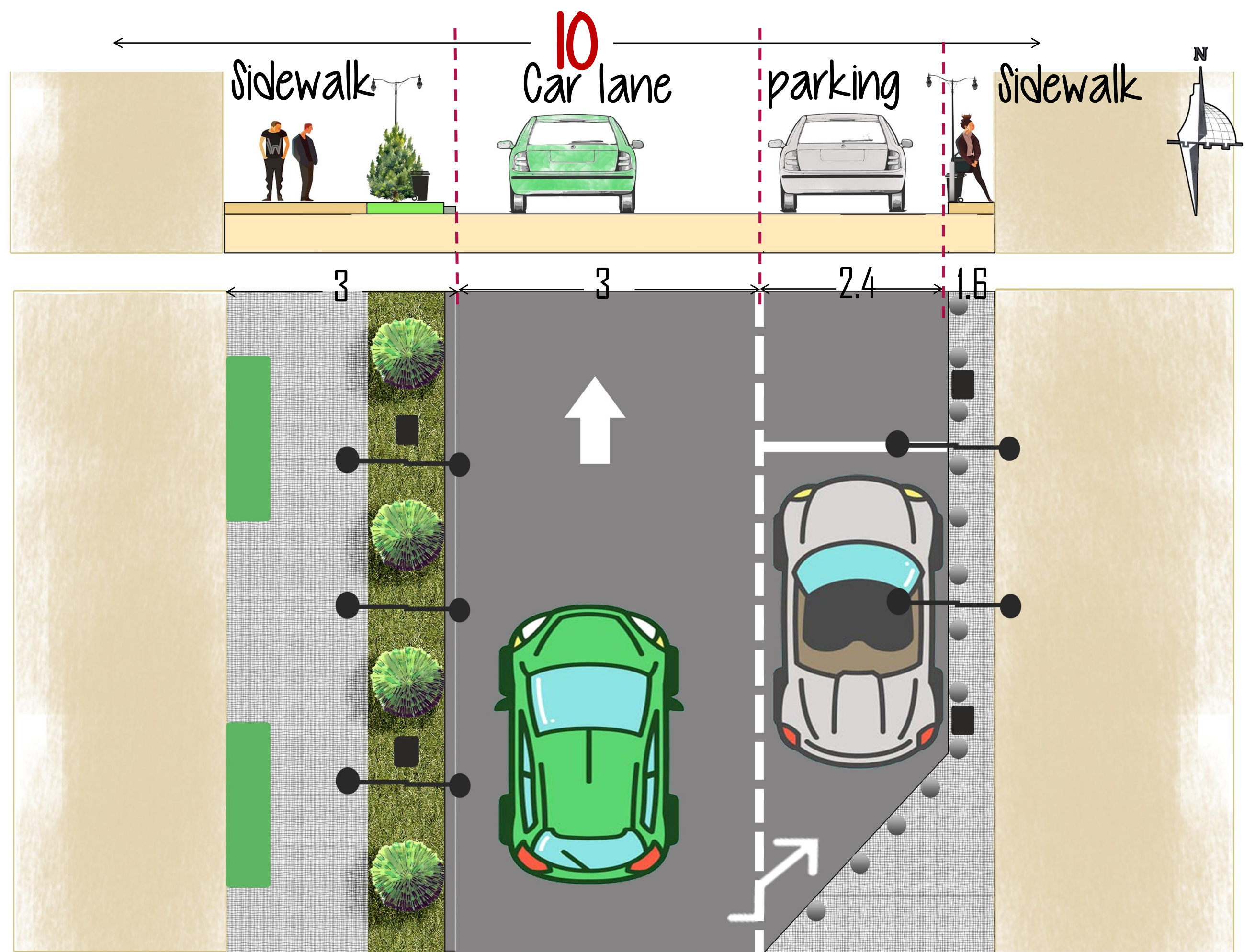


Concrete sidewalk
Or stone
NOT asphalt



PART C SECTION B-B

Development condition
1:50

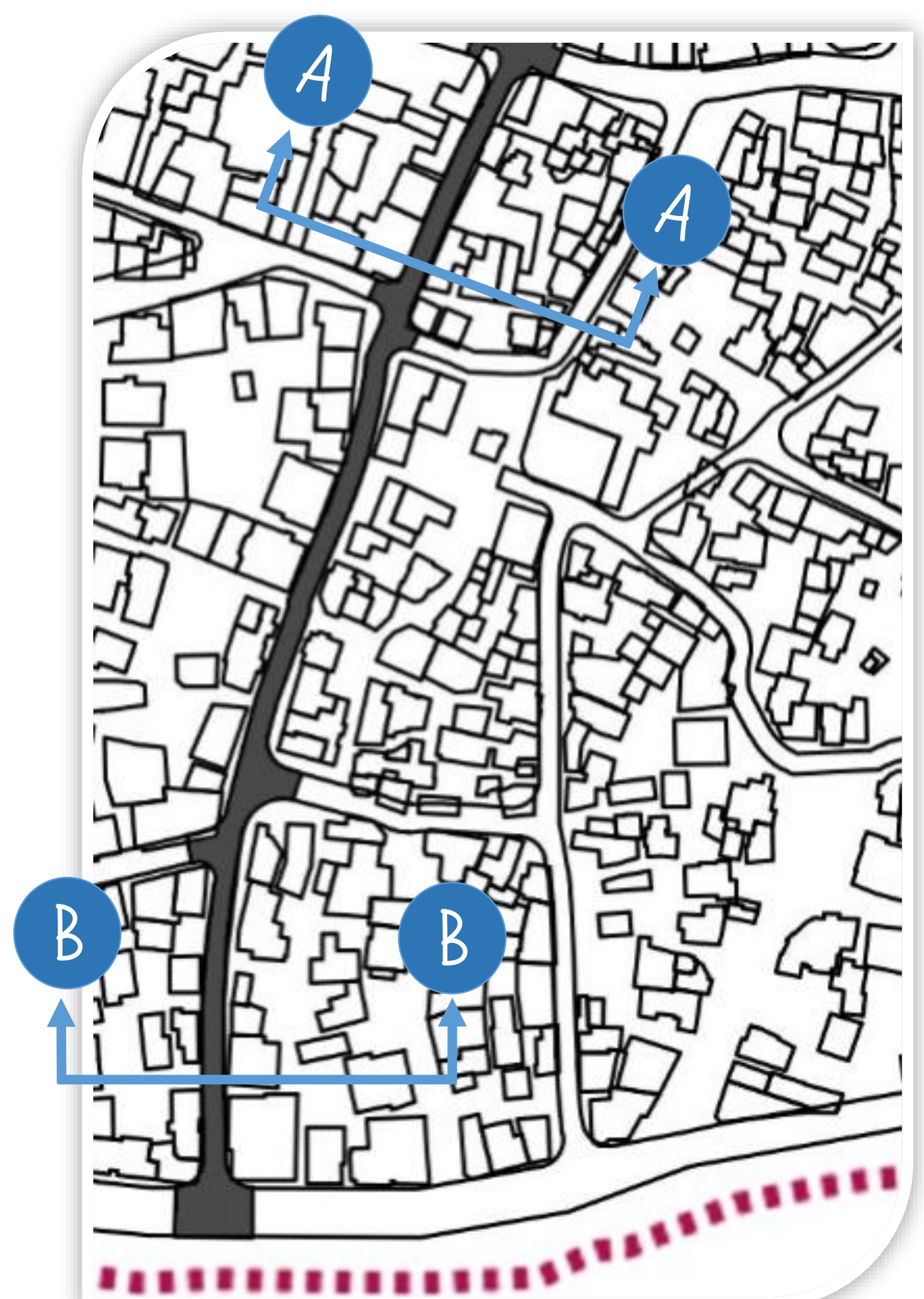
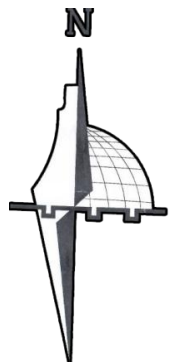


PART D

"GOLD SOUKE STR."

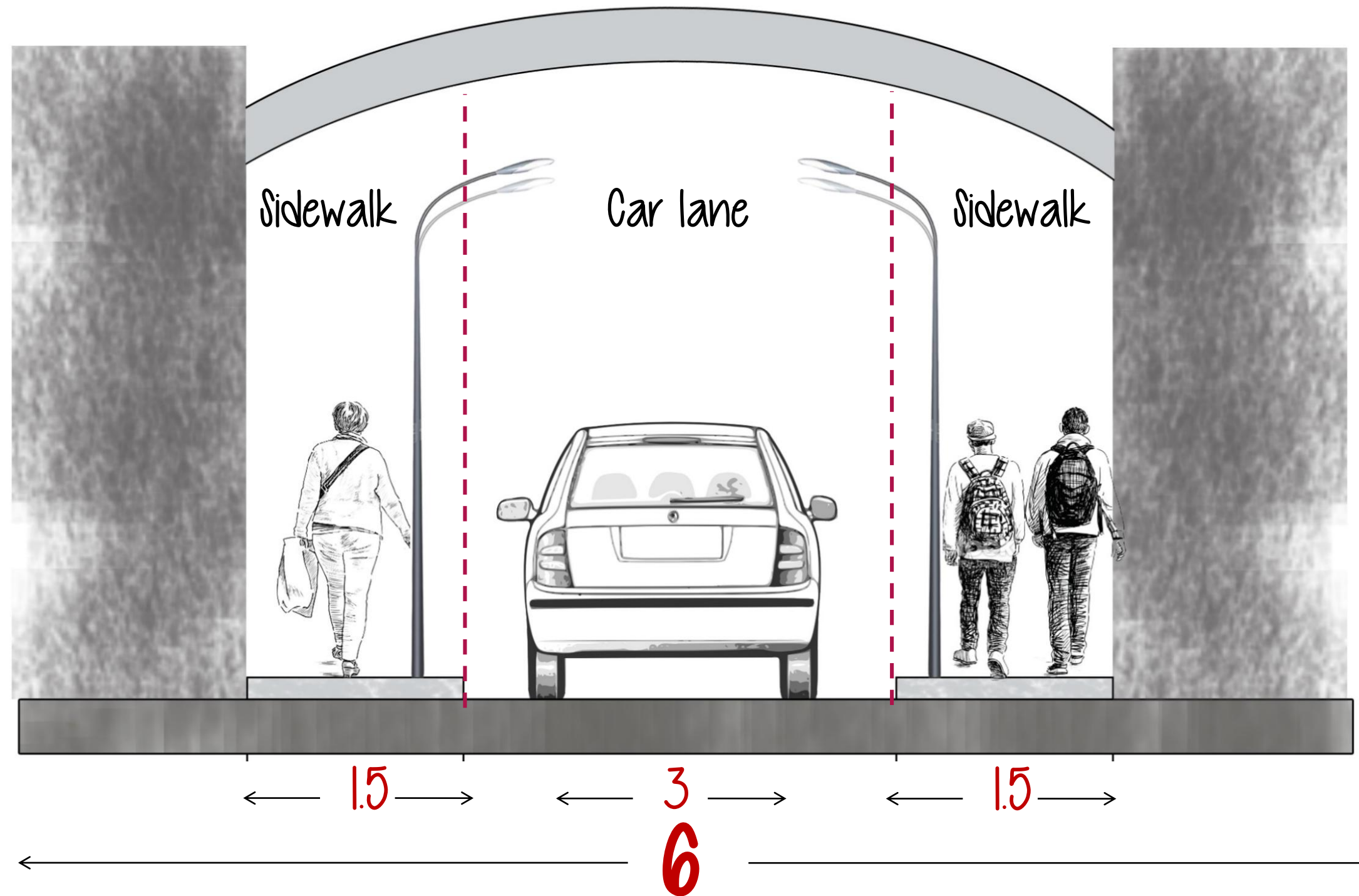
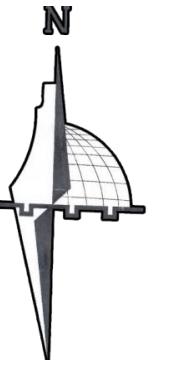
Sections & detailed plan

- According to Master plan classification :
Longitudinal commercial street



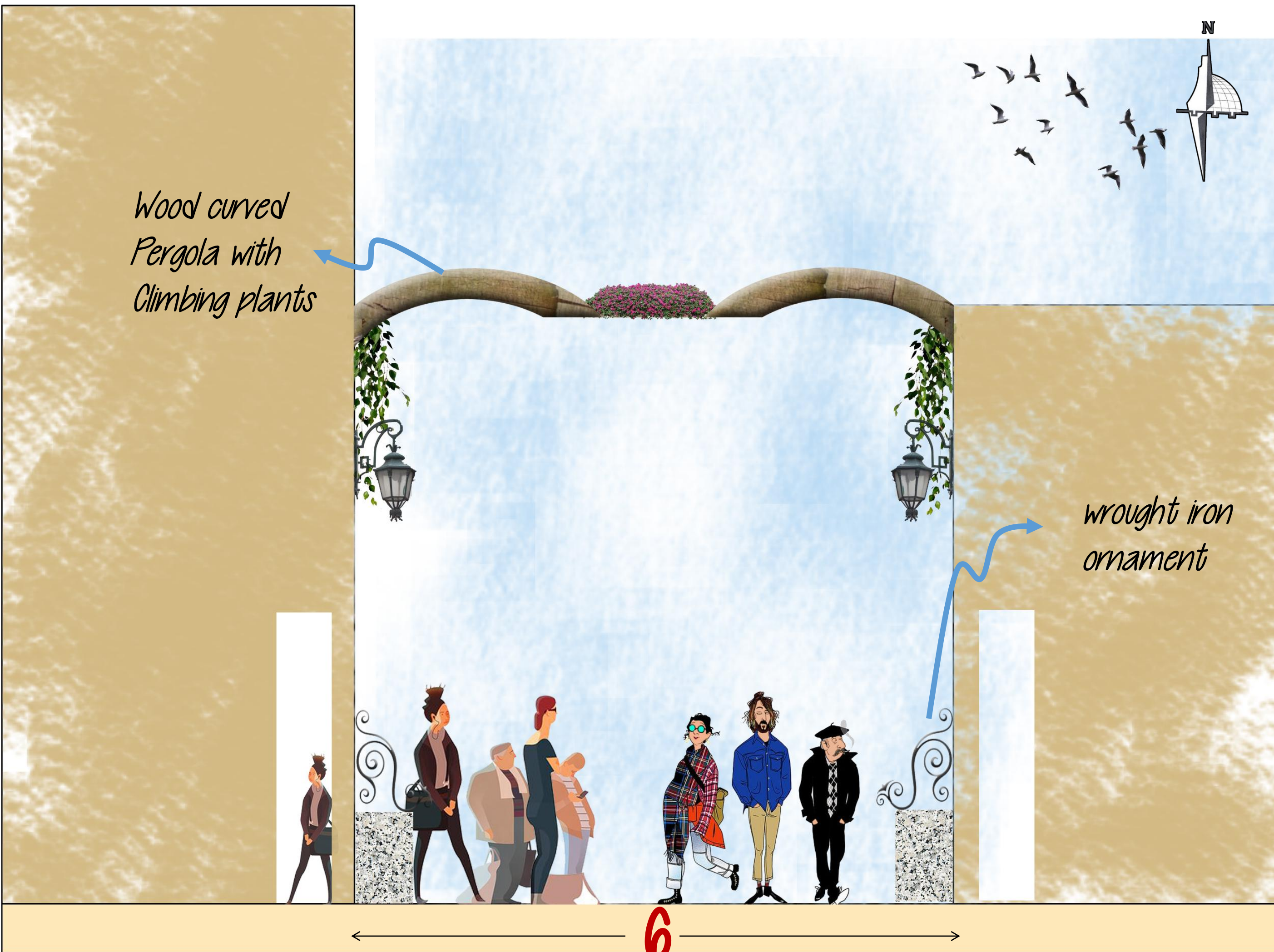
PART D SECTION A-A

Existed condition 1:50



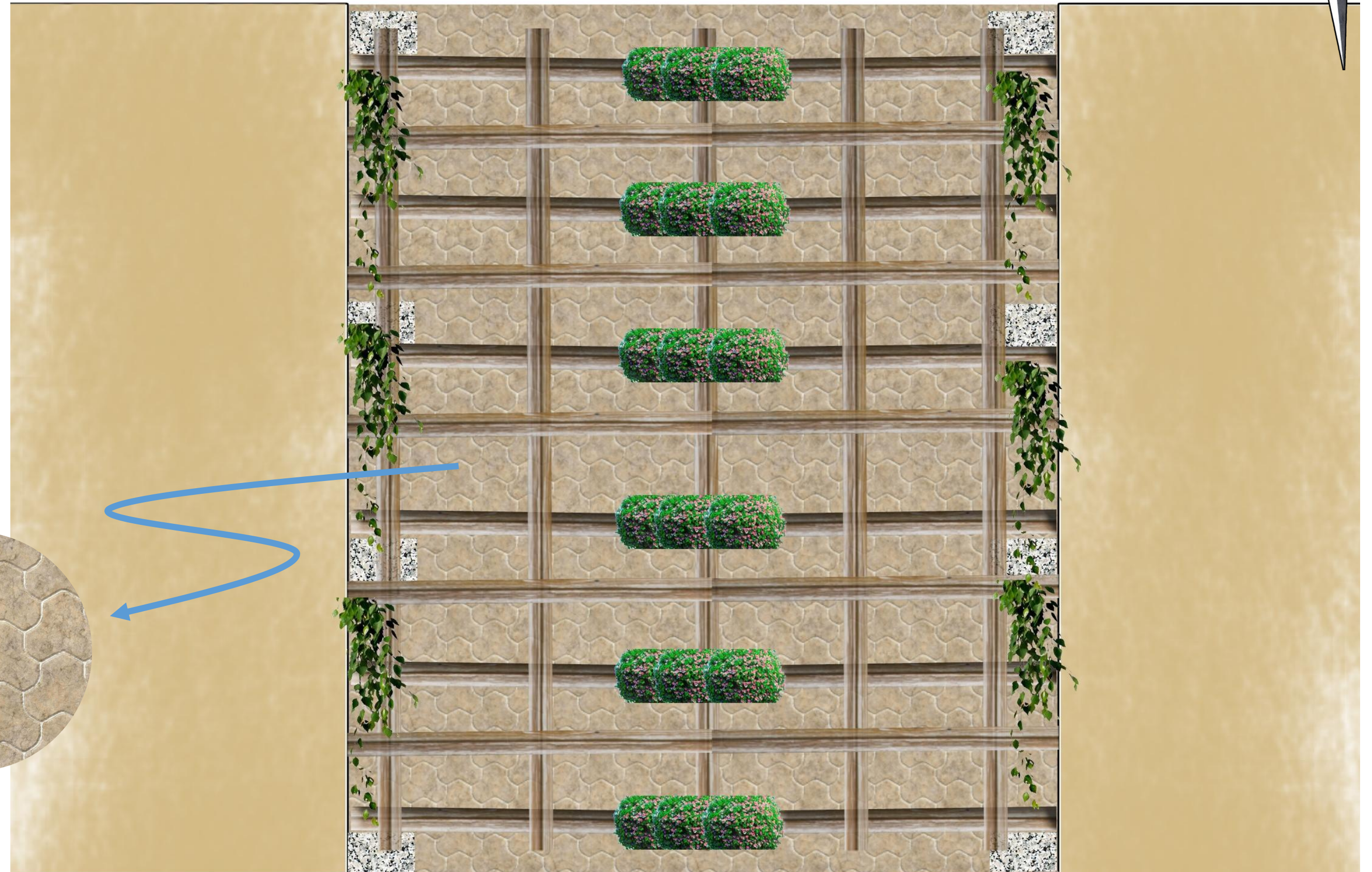
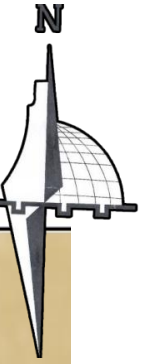
PART D
SECTION A-A

Development condition
1:50



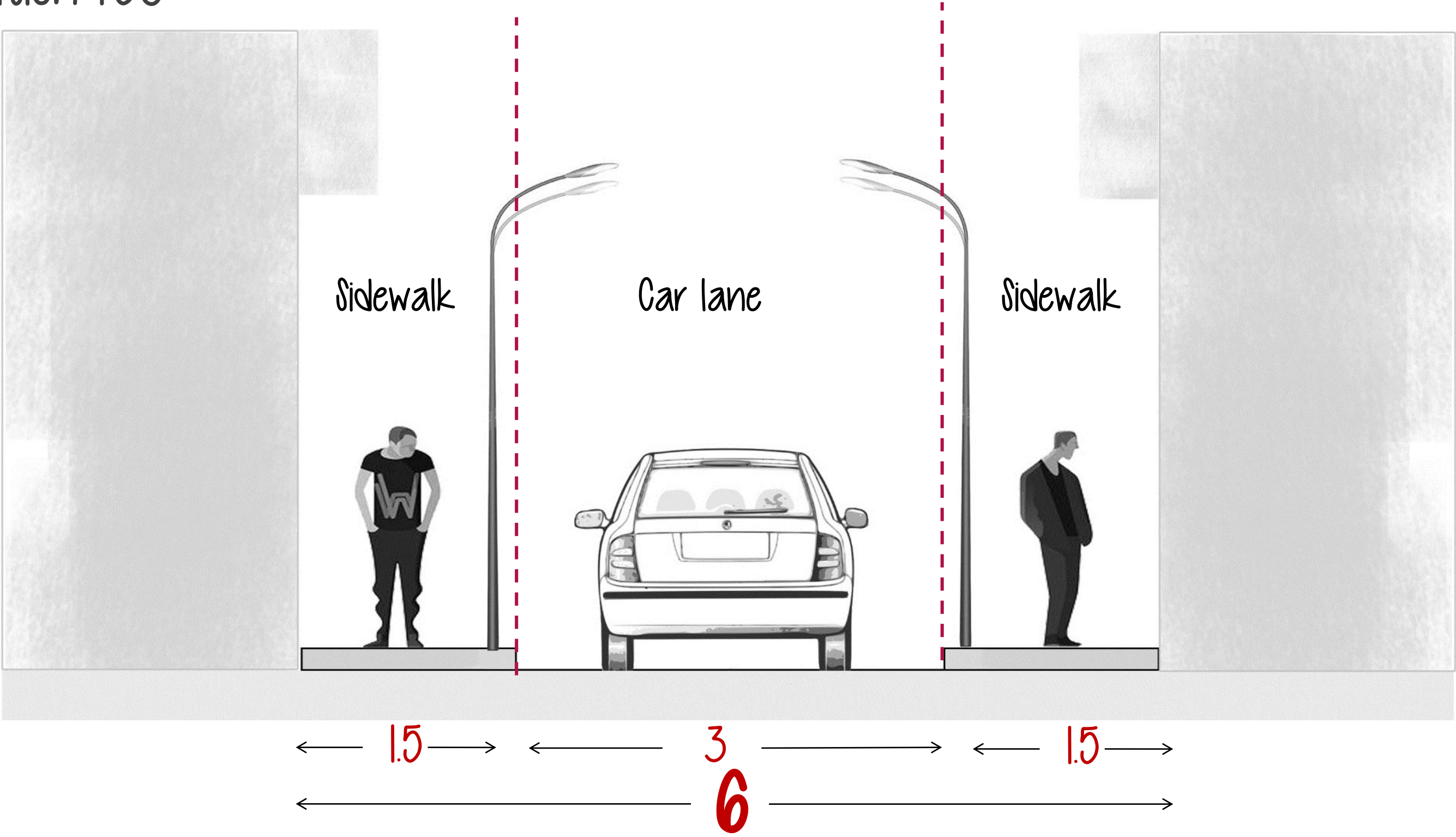
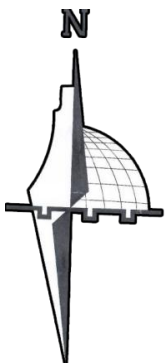
PART D PLAN A

Development condition
1:50



PART D
SECTION B-B

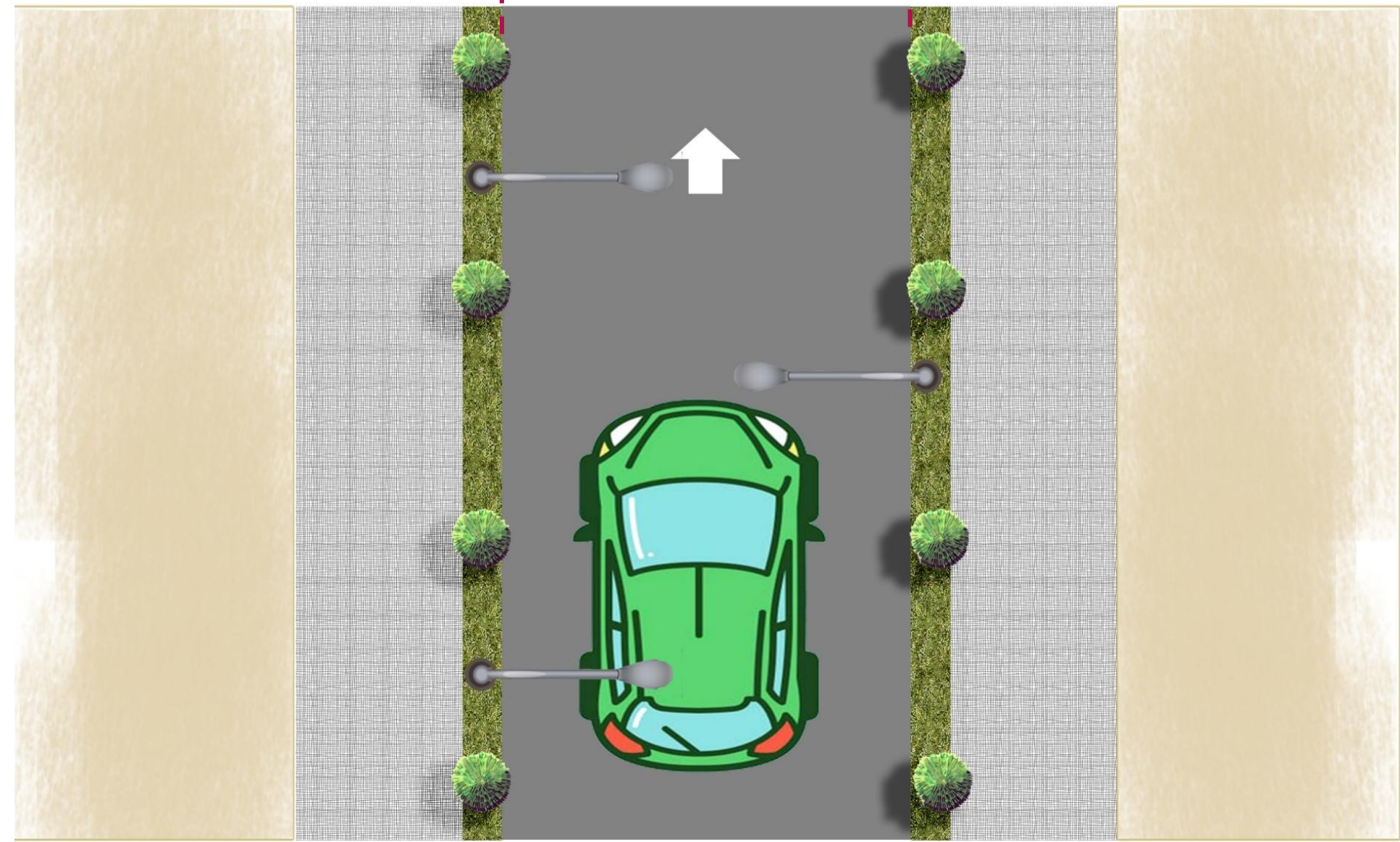
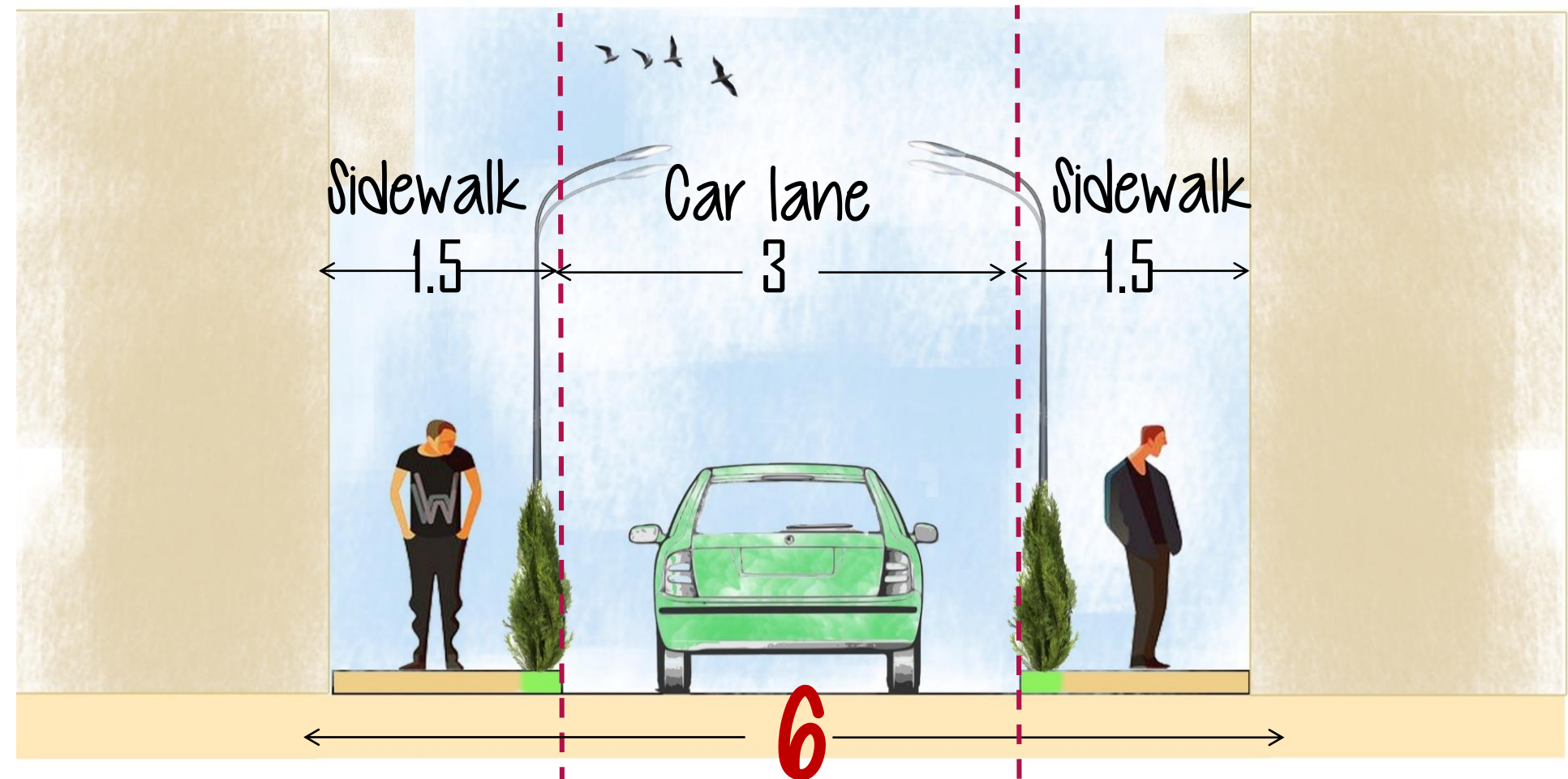
Existed condition 1:50



PART D

SECTION B-B

Development condition
1:50





The diagram features a central light blue circle with the word "REGULATIONS" in bold black text. To its right, a curved line with five blue dots connects to five blue circles, each containing a number from 1 to 5. Dotted lines extend from each numbered circle to a corresponding text description on the right.

REGULATIONS

1

Adoption of the arcade buildings approach

2

Impose fees for the wrong use of sidewalks

3

Impose fees for wrong crossing

4

Allowing the use of graffiti art on building front *"under supervision"* to beautify the view

5

Adoption of special arrangement to rearrange the shops look

Thank You for
listening!

• Any questions?

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