

AGRICULTURE COLLEGE PLANNING

AN NAJAH NATIONAL UNIVERSITY

AL NASSAREYA

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Supervised By :

Dr. Ali Abdulhameed ,

Dr. Zahraa Zawawi

Presentation Contents:





Site justification

- It located in the northern Jordan valley
- A constrain way for Palestinian on their land.
- The area is an agricultural
- The first one in the west bank.
- The agricultural sector is becoming down
- The site owned by an Najah national university



Site analysis

REGIONAL SCALE

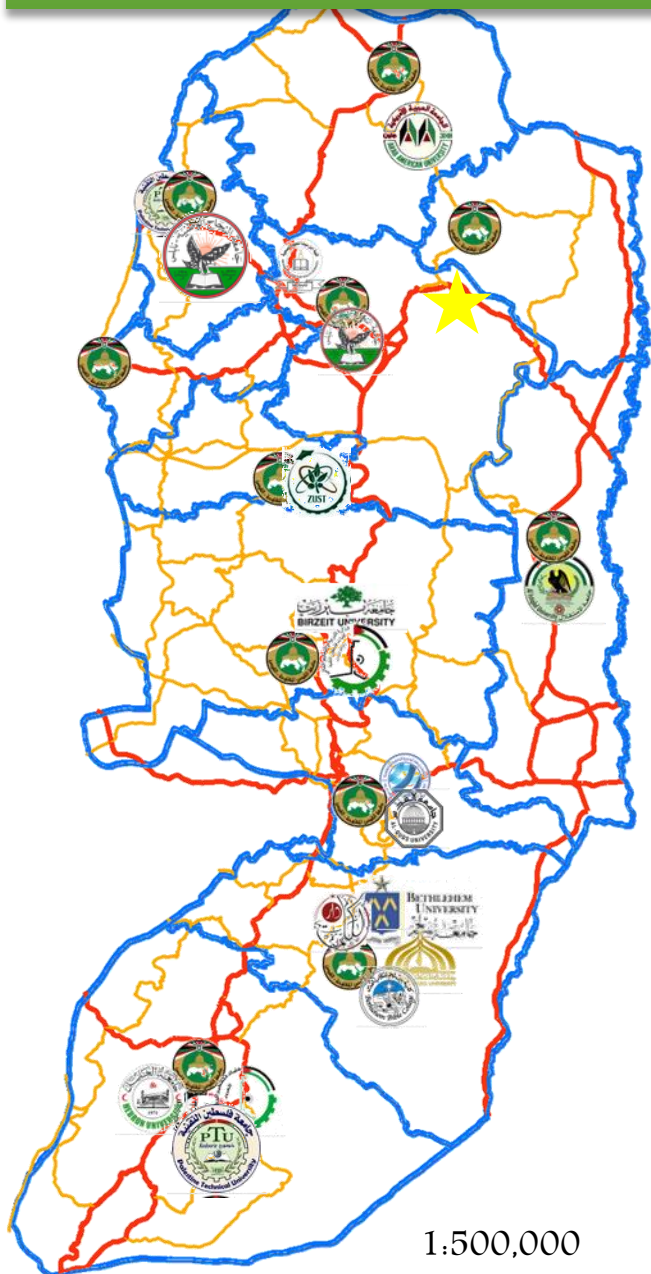
WEST BANK UNIVERSITIES DISTRIBUTION:

The only agriculture colleges in west bank are:

- Technical Palestine university

- An Najah national university branch in the technical Palestine

- An Najah agriculture college



JENIN	SALFIT	BETHLEHEM
AMERICAN ARAB	ALQUDS OPEN	BETHLEHEM BIBLE COLLEGE
ALQUDS OPEN	AL ZAYTOONA	DAR ALKALEMA COLLEGE
TUBAS	JERICHO	BETHLEHEM
ALQUDS OPEN	AL ISTIQLAL	ALQUDS OPEN
TULKAREM	ALQUDS OPEN	PALESTINE NATIONAL COLLEGE
TECHNICAL PALESTINE	ALQUDS OPEN	HEBRON
ALQUDS OPEN	RAMALLAH&ALBEIRA	HEBRON
NABLUS	BEIR ZEIT	TECHNICAL PALESTINE
AN NAJAH NATIONAL	ALQUDS OPEN	PALESTINE POLITICNIC
IBN CENA COLLEGE	TECHNICAL PALESTINE	ALQUDS OPEN
ALQUDS OPEN	JERUSALEM	
AN NAJAH AGRICULTURE COLLEGE	AL QUDS	
QALQILIA	WAGDI NIHAD COLLEGE	
ALQUDS OPEN	ALQUDS OPEN	

REGIONAL SCALE

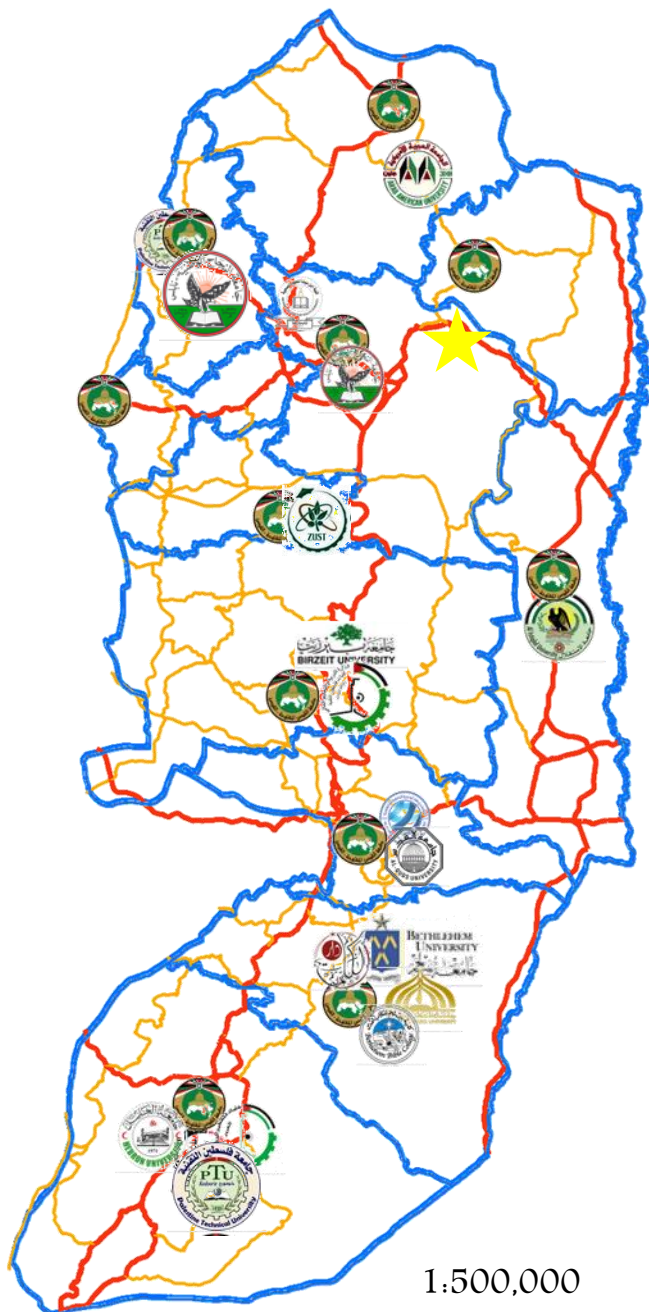
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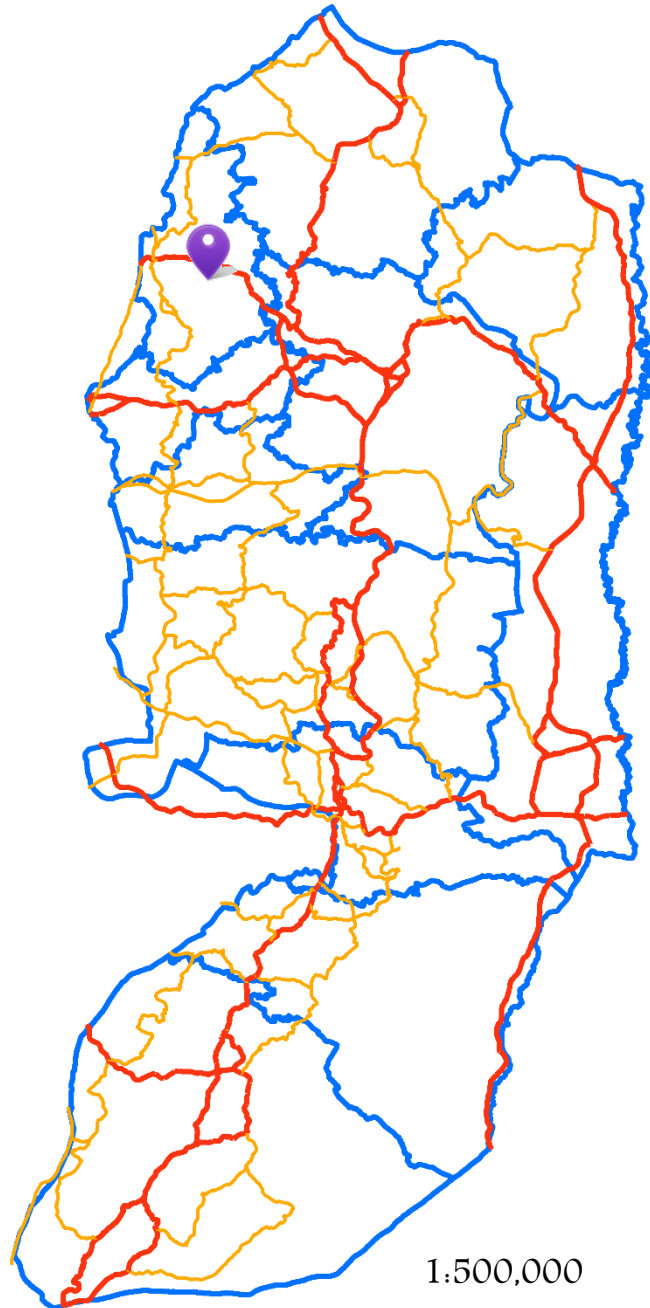
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ALQUDS OPEN	ALQUDS OPEN	

AN NAJAH CAMPUSES AND IT'S FUNCTIONS:

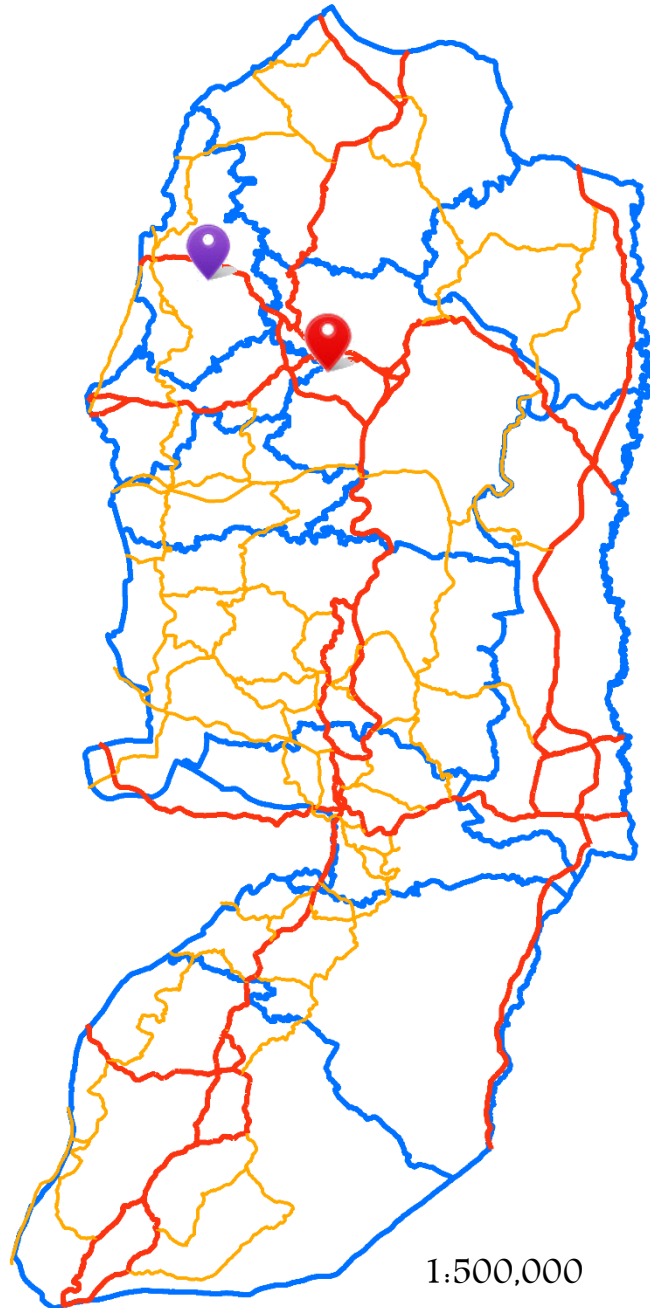


Technical Palestine/An
Najah branch



Agricultural

AN NAJAH CAMPUSES AND IT'S FUNCTIONS:



Technical Palestine/An
Najah branch



Agricultural

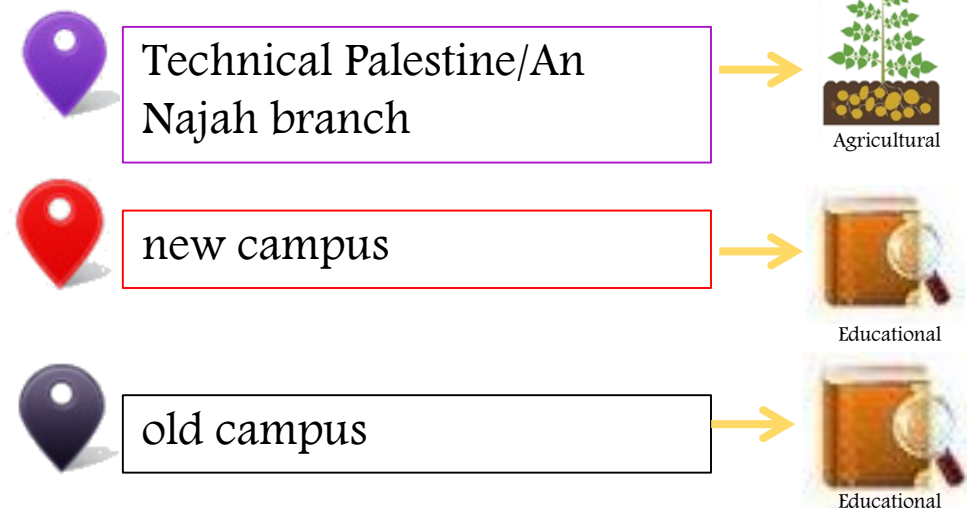
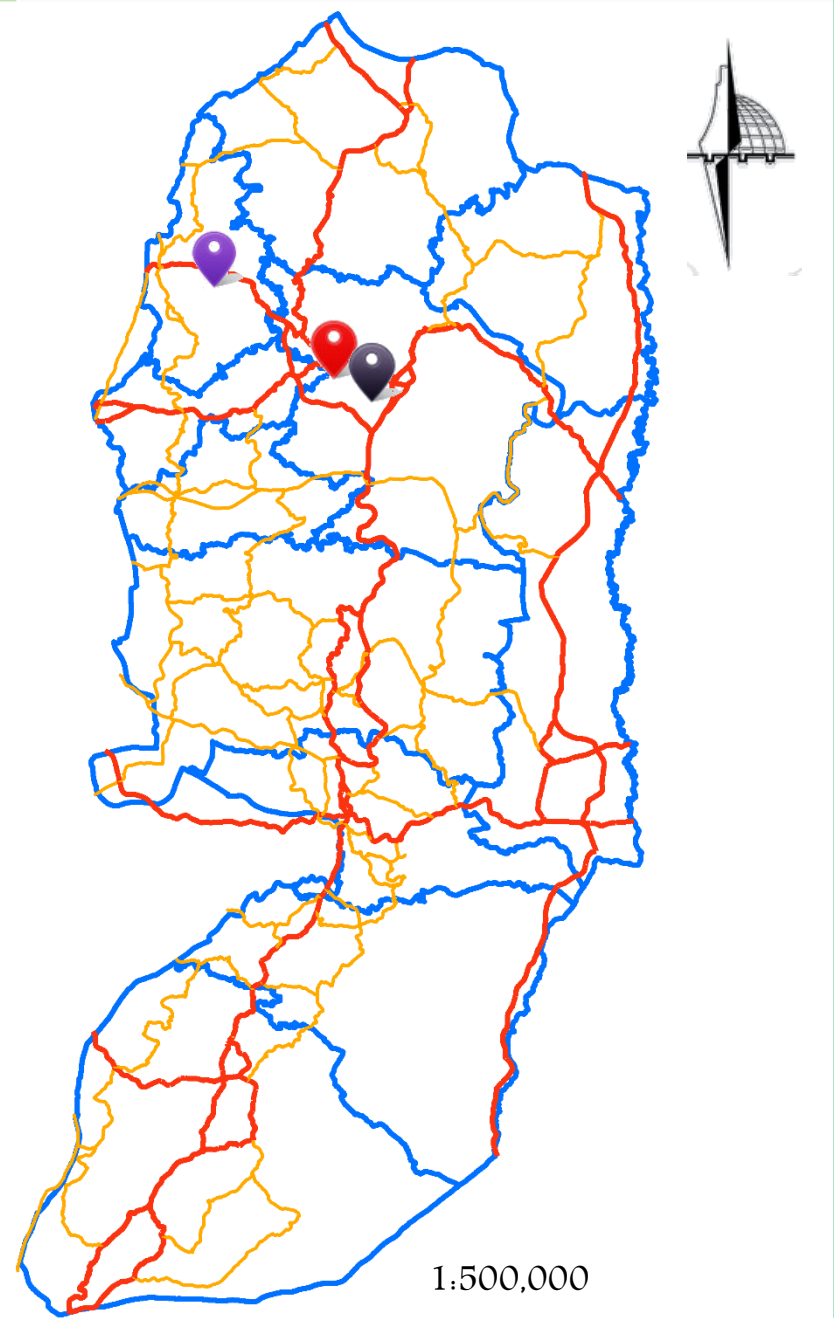


new campus

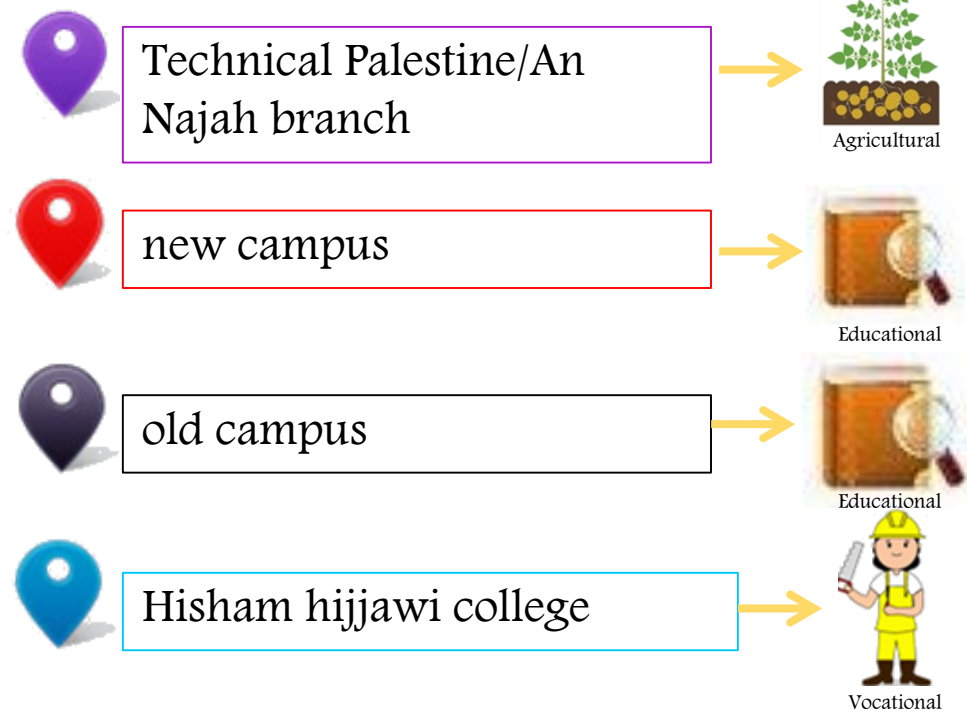
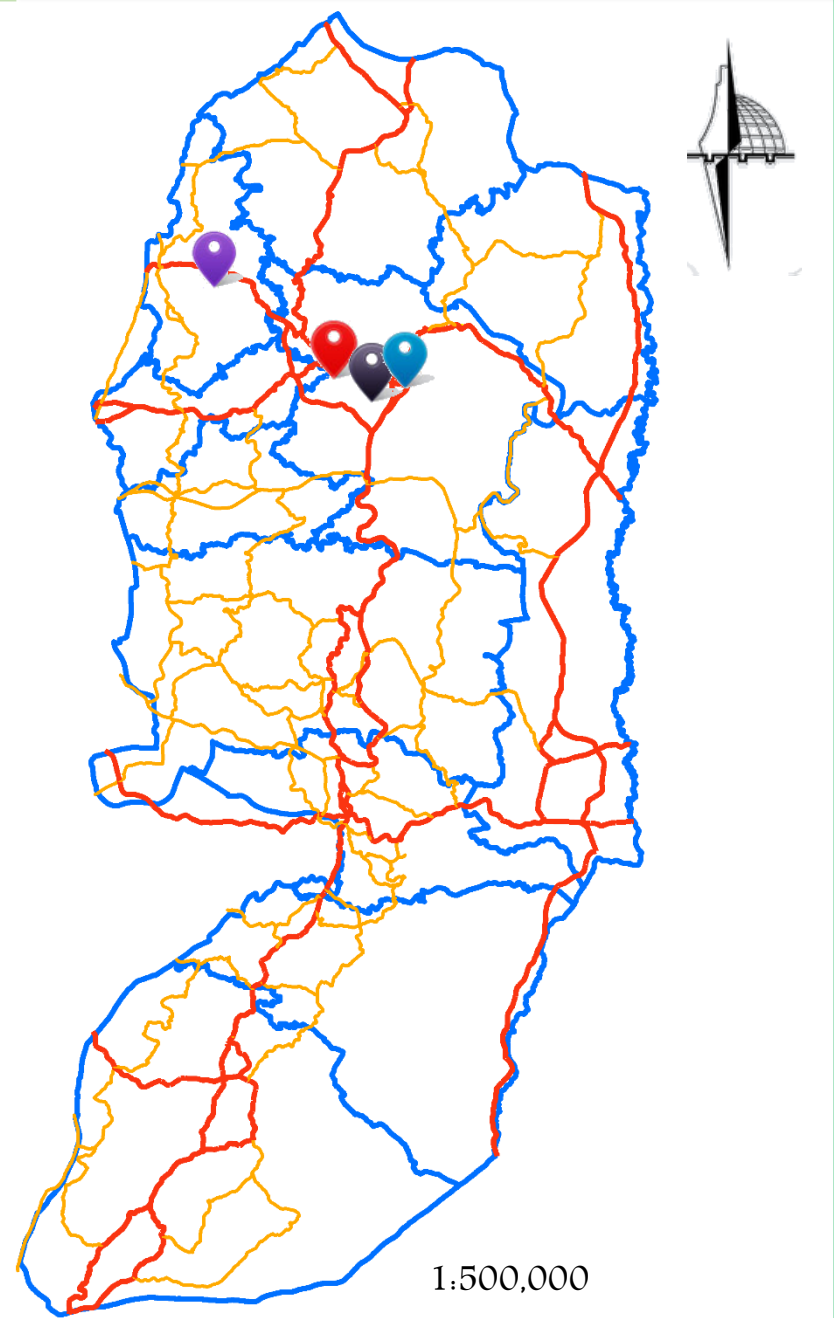


Educational

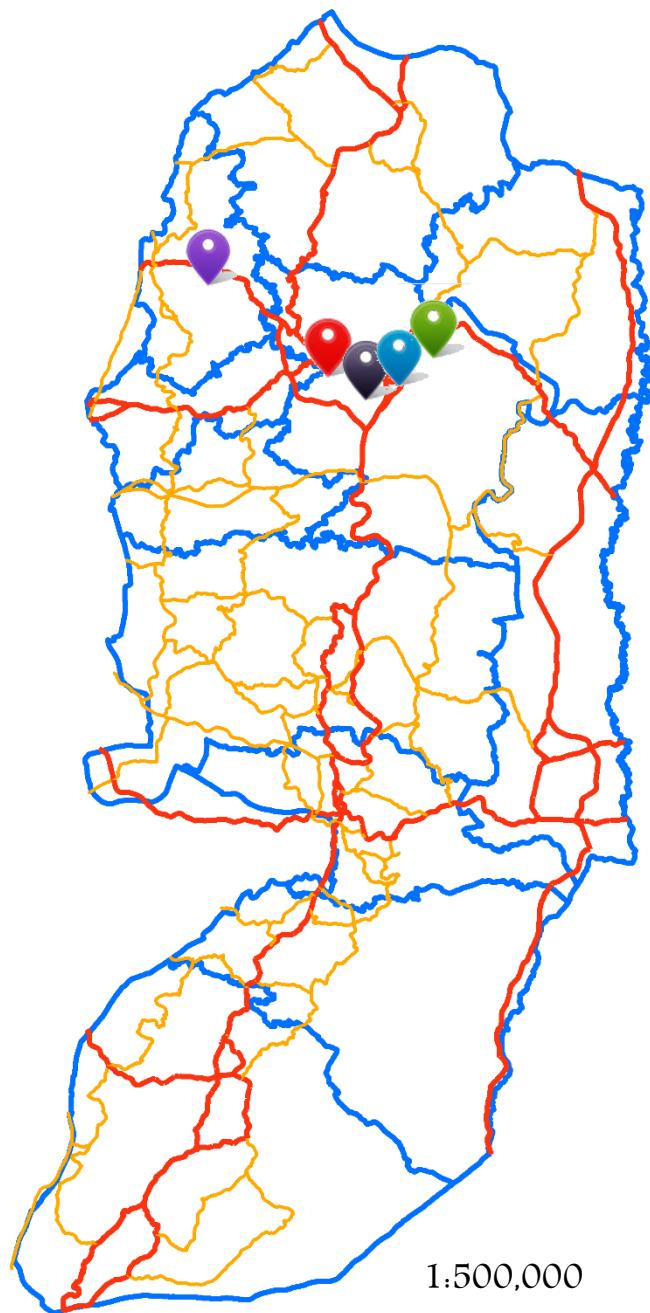
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AN NAJAH CAMPUSES AND IT'S FUNCTIONS:



Technical Palestine/An Najah branch



Agricultural



new campus



Educational



old campus



Educational



Hisham hijjawi college



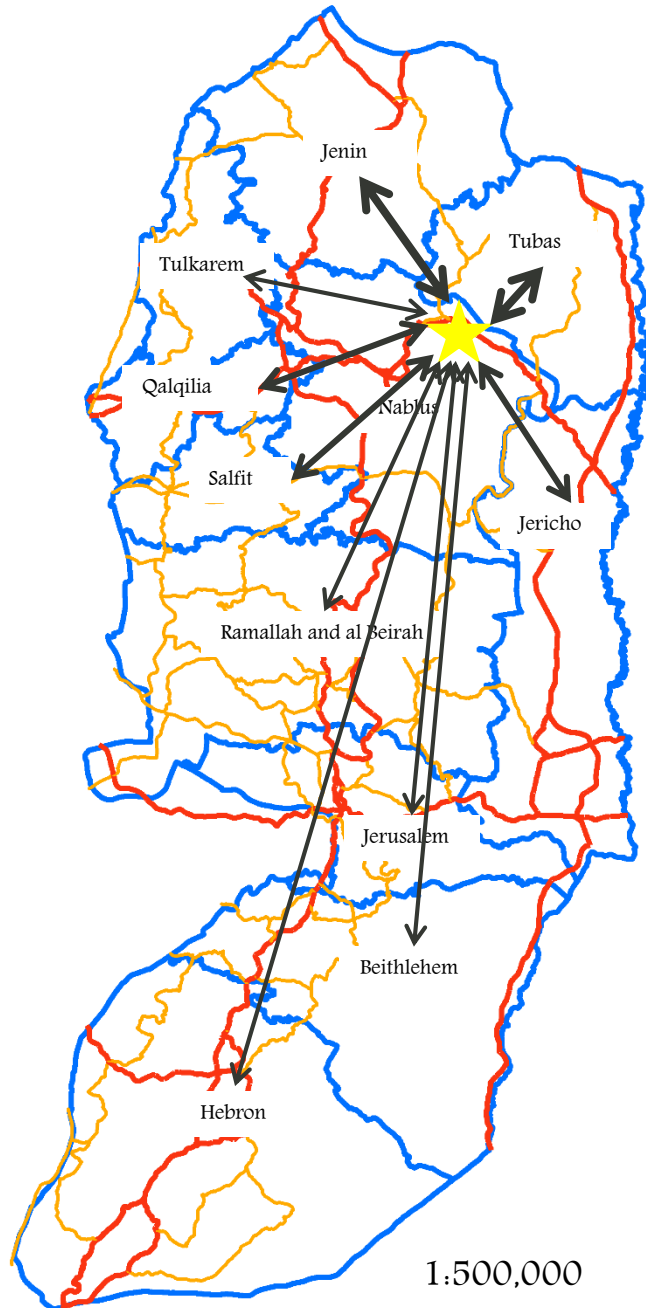
Vocational



New agricultural college



Agricultural

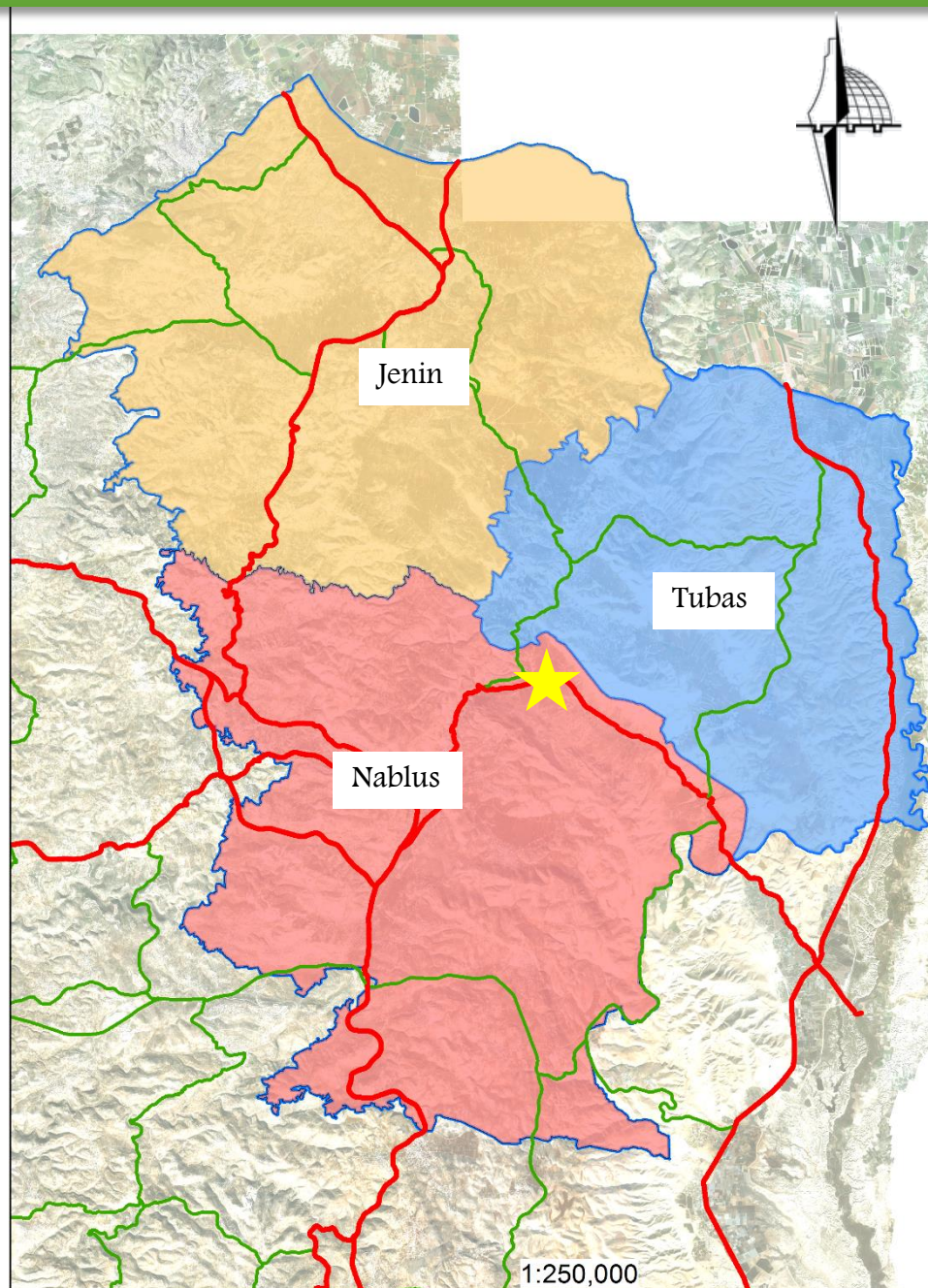


HIGH ←————→

medium ←————→

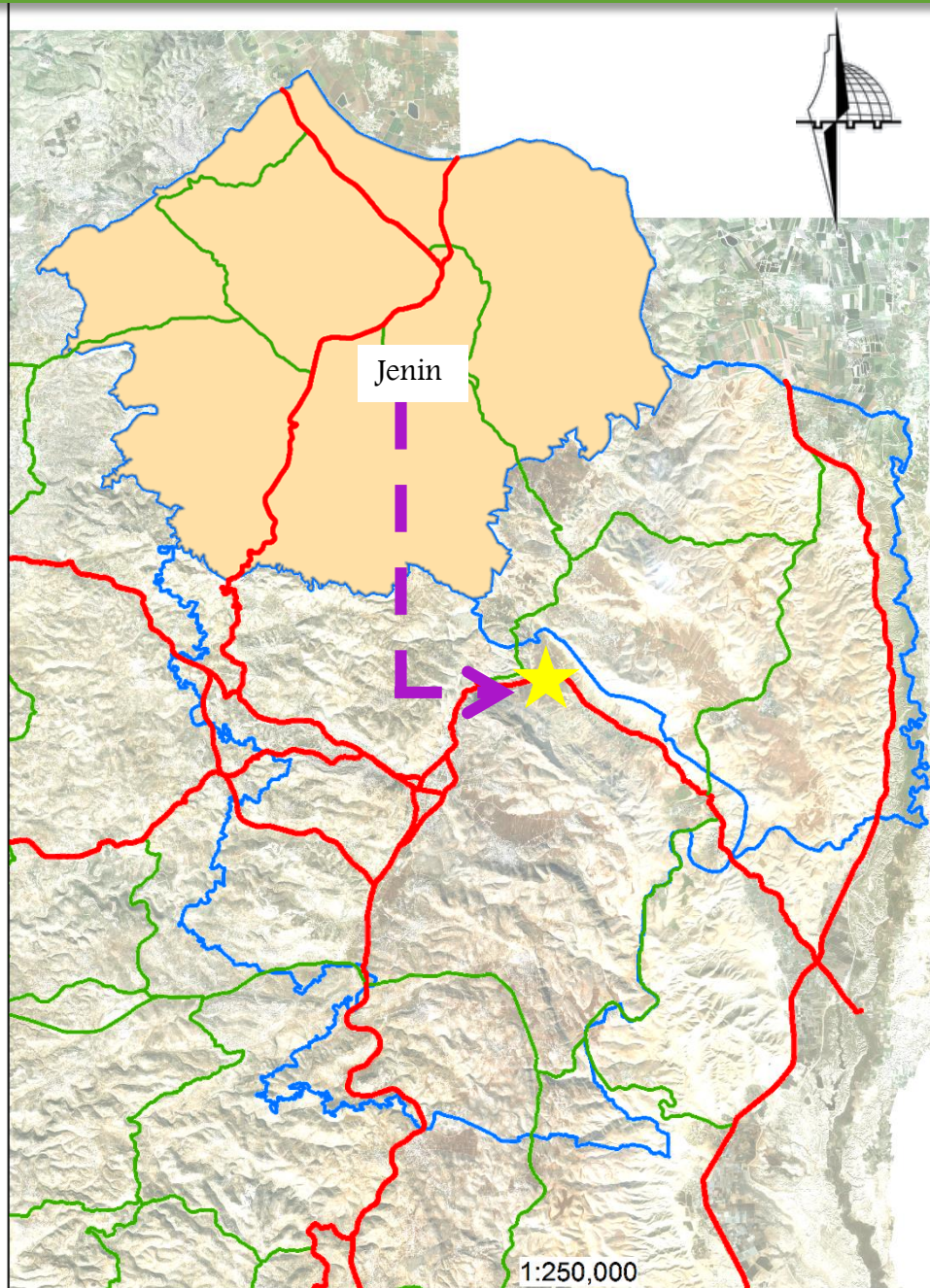
LOW ←————→

IT'S SITE BETWEEN SURROUNDING GOVERNORATES:



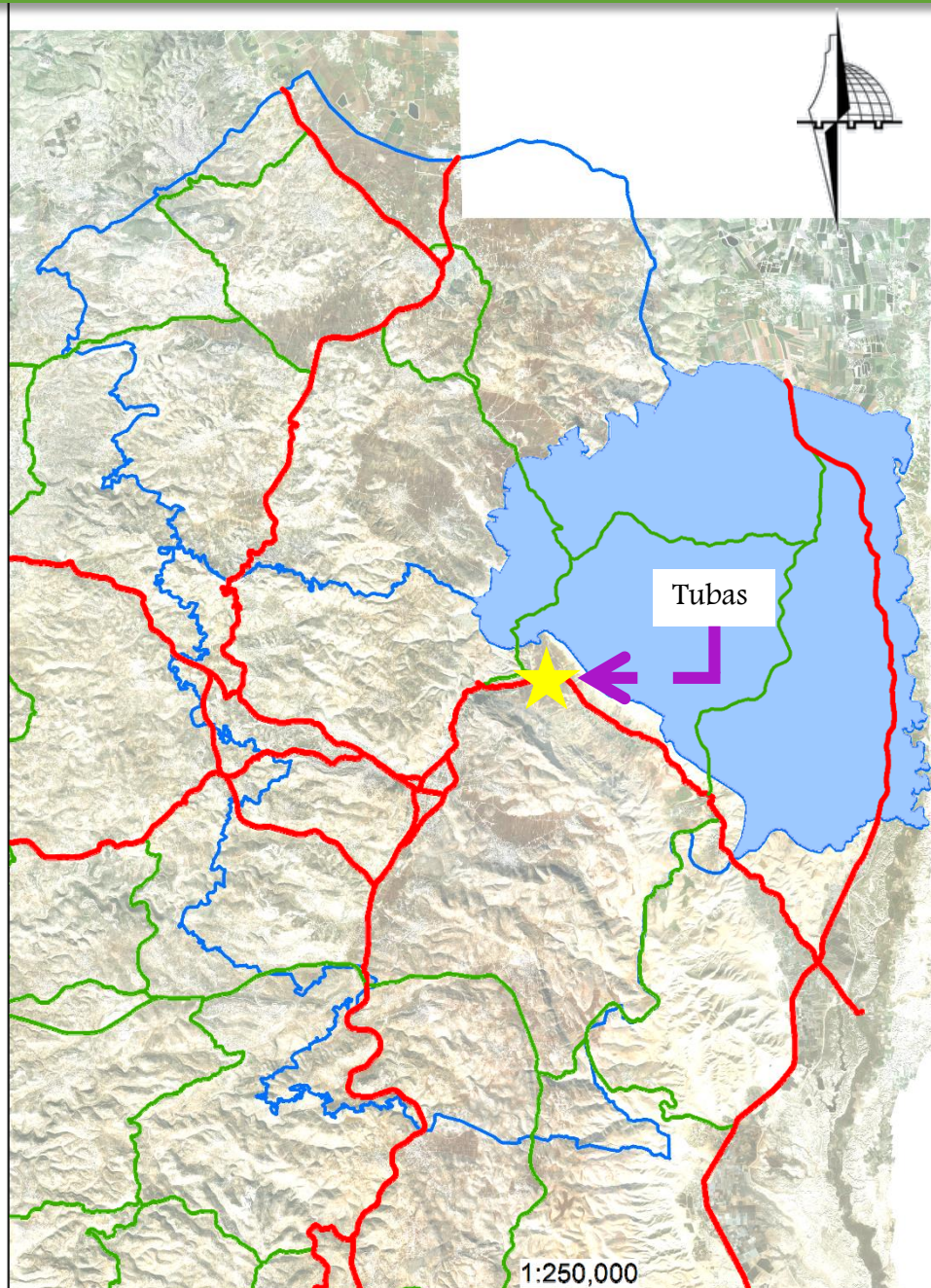
IT'S SITE BETWEEN SURROUNDING GOVERNORATES:

It sites in southern
east of Jenin
governorate



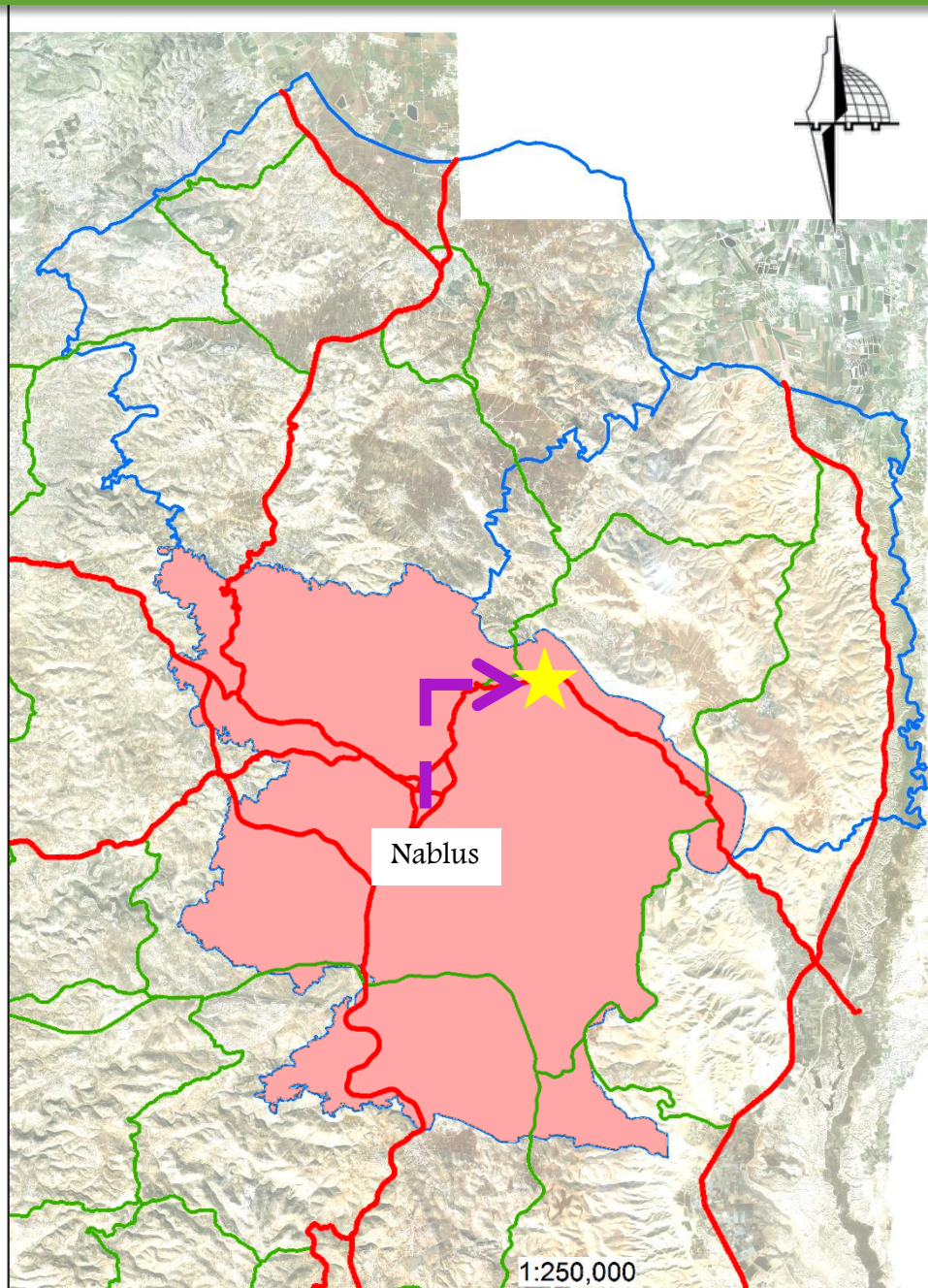
IT'S SITE BETWEEN SURROUNDING GOVERNORATES:

It sites in southern
west of Tubas
governorate



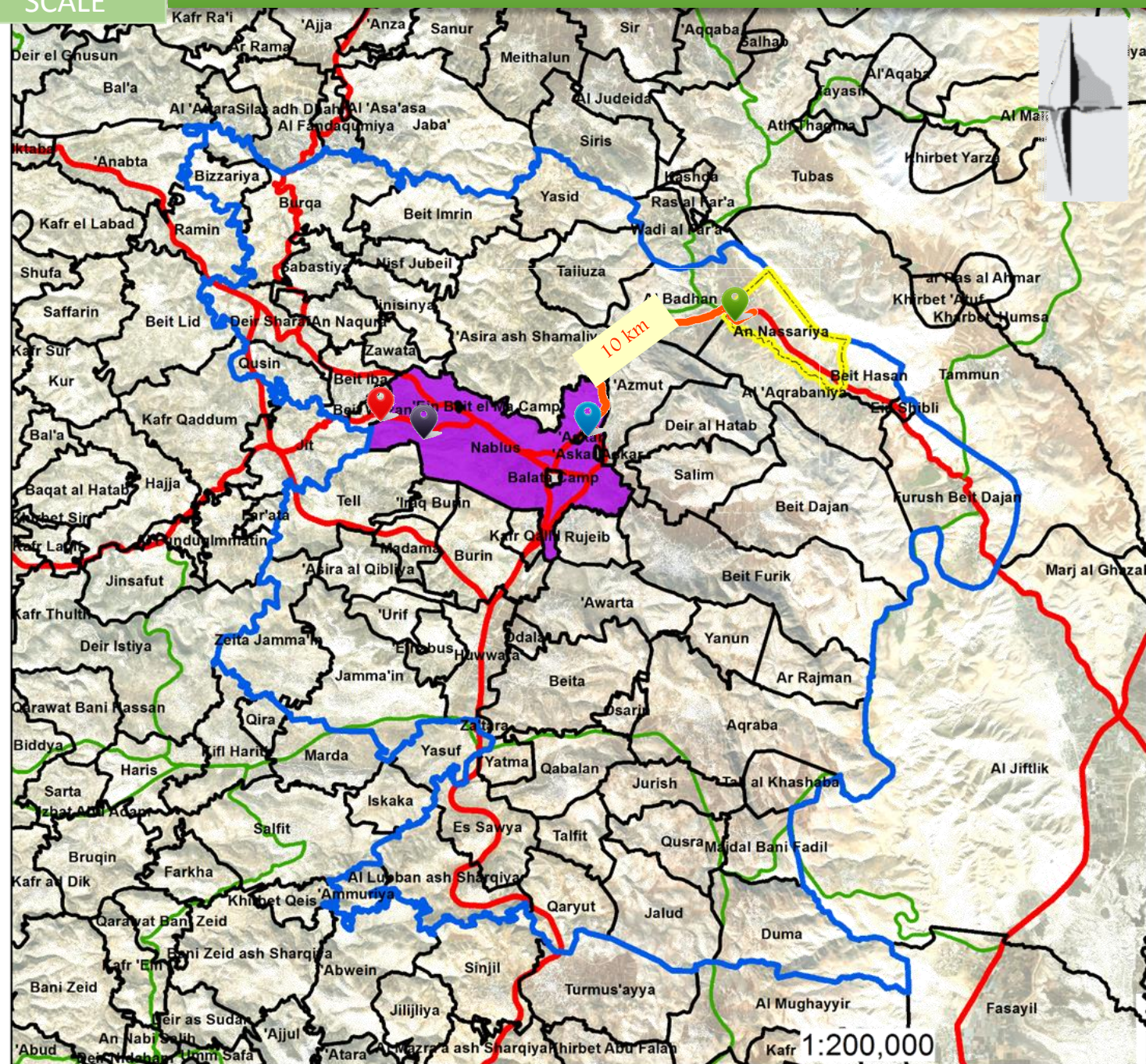
IT'S SITE BETWEEN SURROUNDING GOVERNORATES:







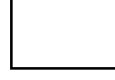



It sites in Nablus governorate in northern east of it



LOCAL SCALE

NABLUS COMMUNITIES AND THE DISTANCE FROM IT'S CITY TO THE SITE :

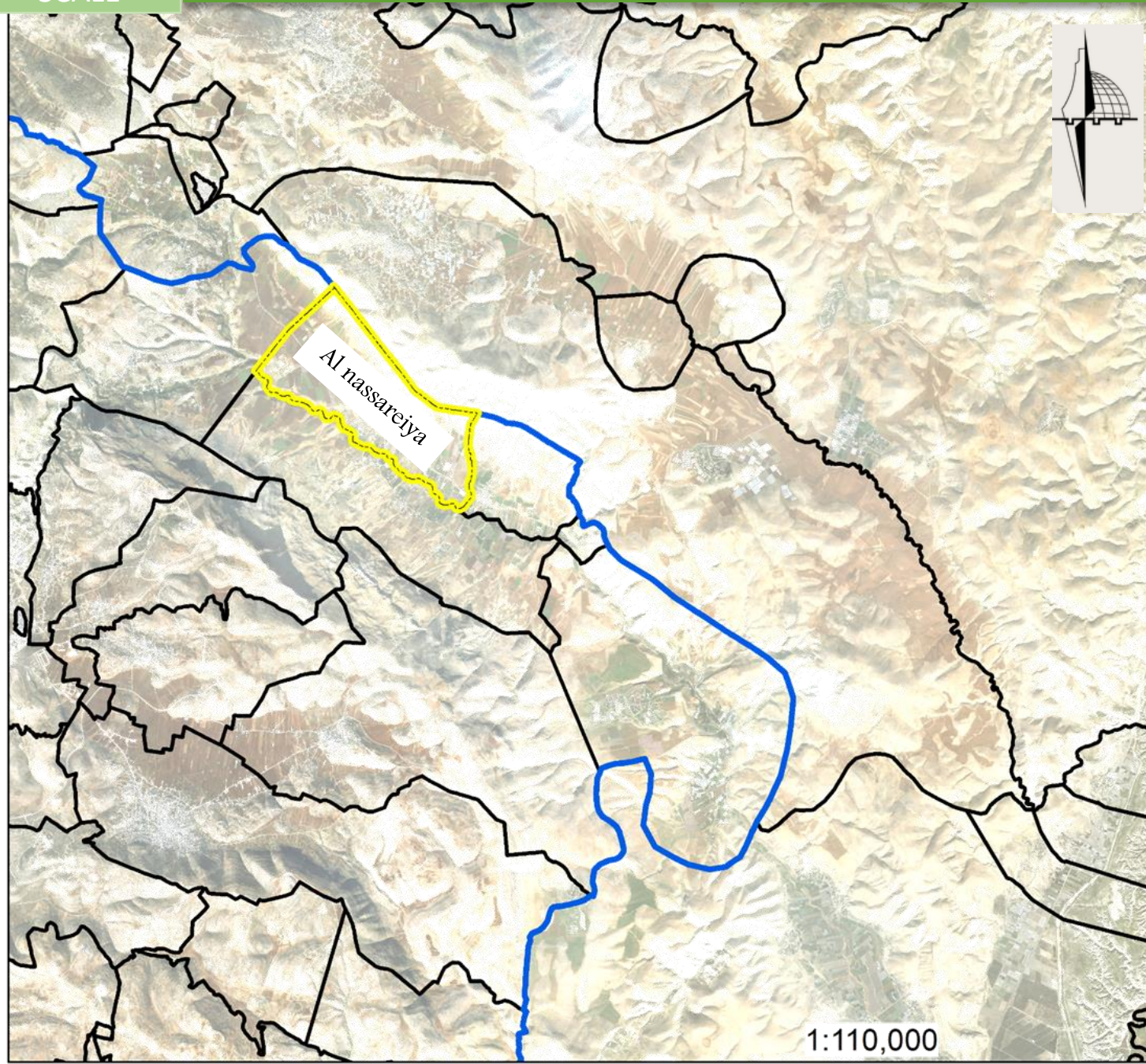


-  new campus
-  old campus
-  Hisham hijjawi college
-  New agricultural college
-  Nablus city
-  Al nasareiya boundary
-  Communities boundary
-  governorate boundary
-  Main street
-  regional street

1:200,000

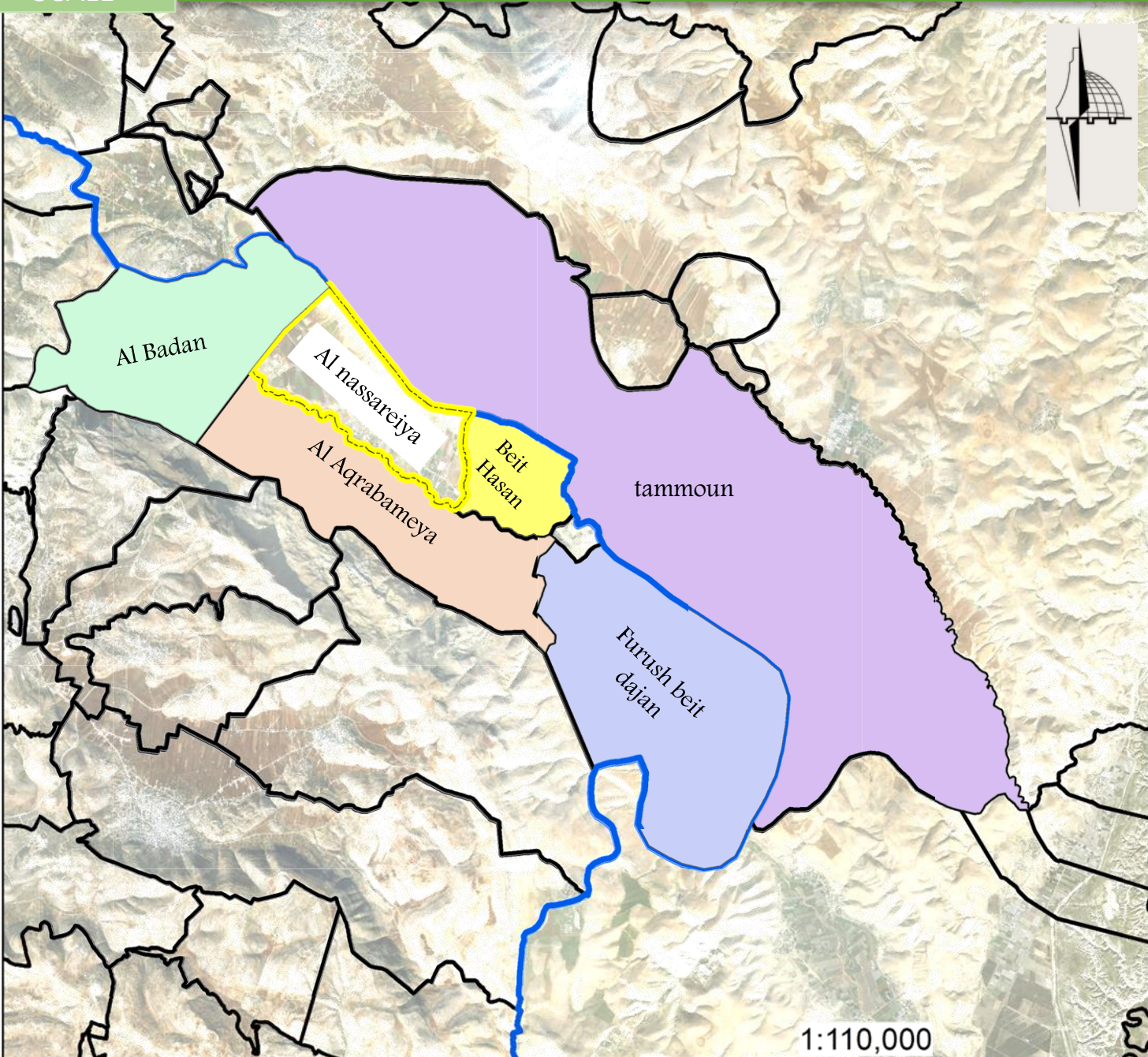
LOCAL
SCALE

AL NASSAREIYA AND THE SURROUNDING COMMUNITIES :

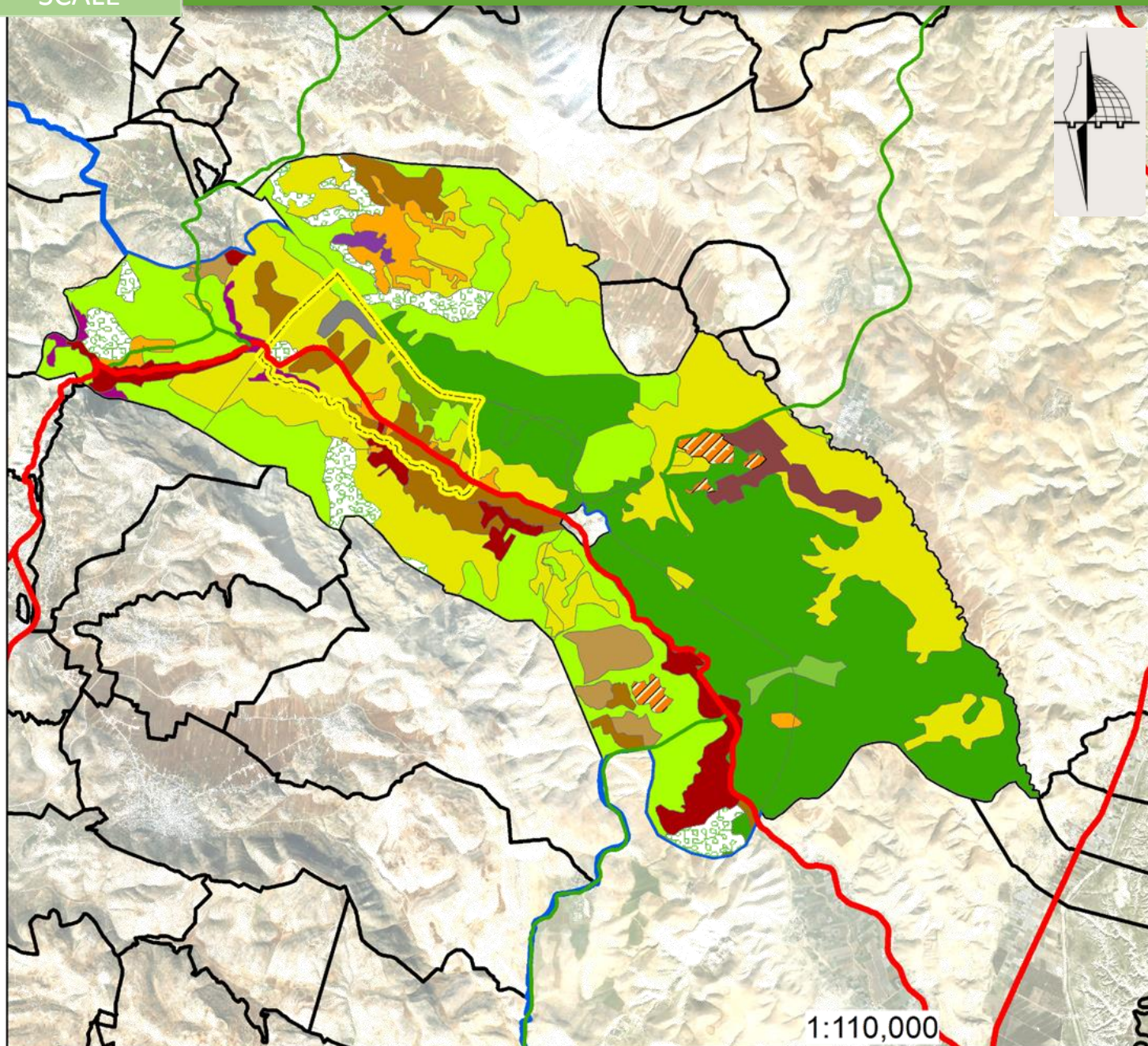


1:110,000

AL NASSAREIYA AND THE COMMUNITIES SURROUNDING IT:




1:110,000



geopolitical_map_streets

TYPE

- Local
- Main
- Regional
- Settlement

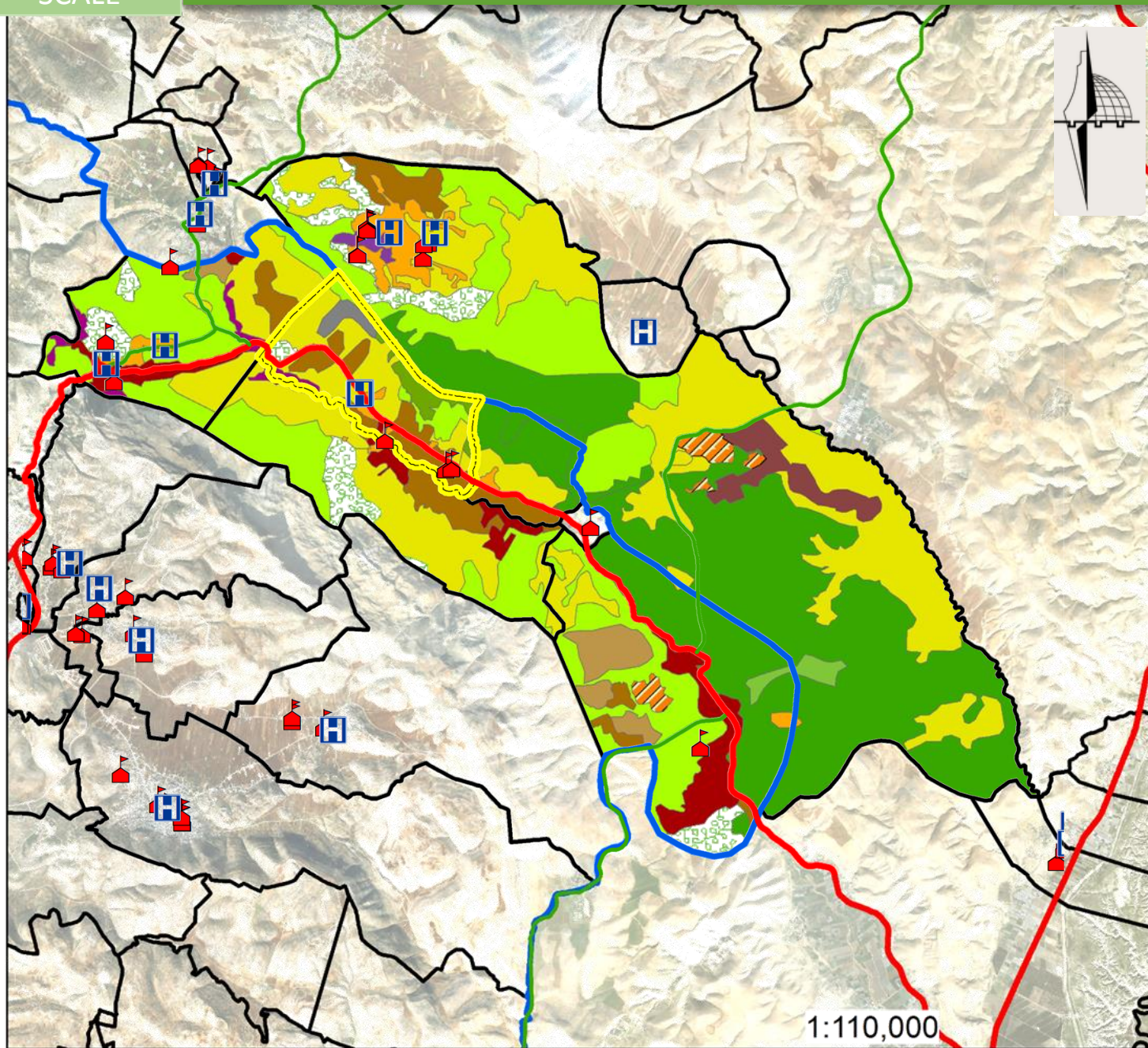
 nassareiya village

land cover

LandCove_1

-  Agr.Land With Natural Vegetation
-  Bare Rock
-  Citrus Plantations
-  Colonies
-  Discontinuous Urban Fabric
-  Drip Irrigated Arable
-  Drip Irrigated Vine yards
-  Forest
-  Irrigated Complex Cultivation Practices
-  Natural Grass Land
-  Non Irrigated Arable Land
-  Non Irrigated Complex Cultivation
-  Olive Groves
-  Open spaces with little or no vegetation
-  Nablus governorate
-  Communities_AdministrativeBoundaries
-  Military camps

1:110,000



geopolitical_map_streets

TYPE

- Local
- Main
- Regional
- Settlement

nassareiya village



Health center



school

land cover

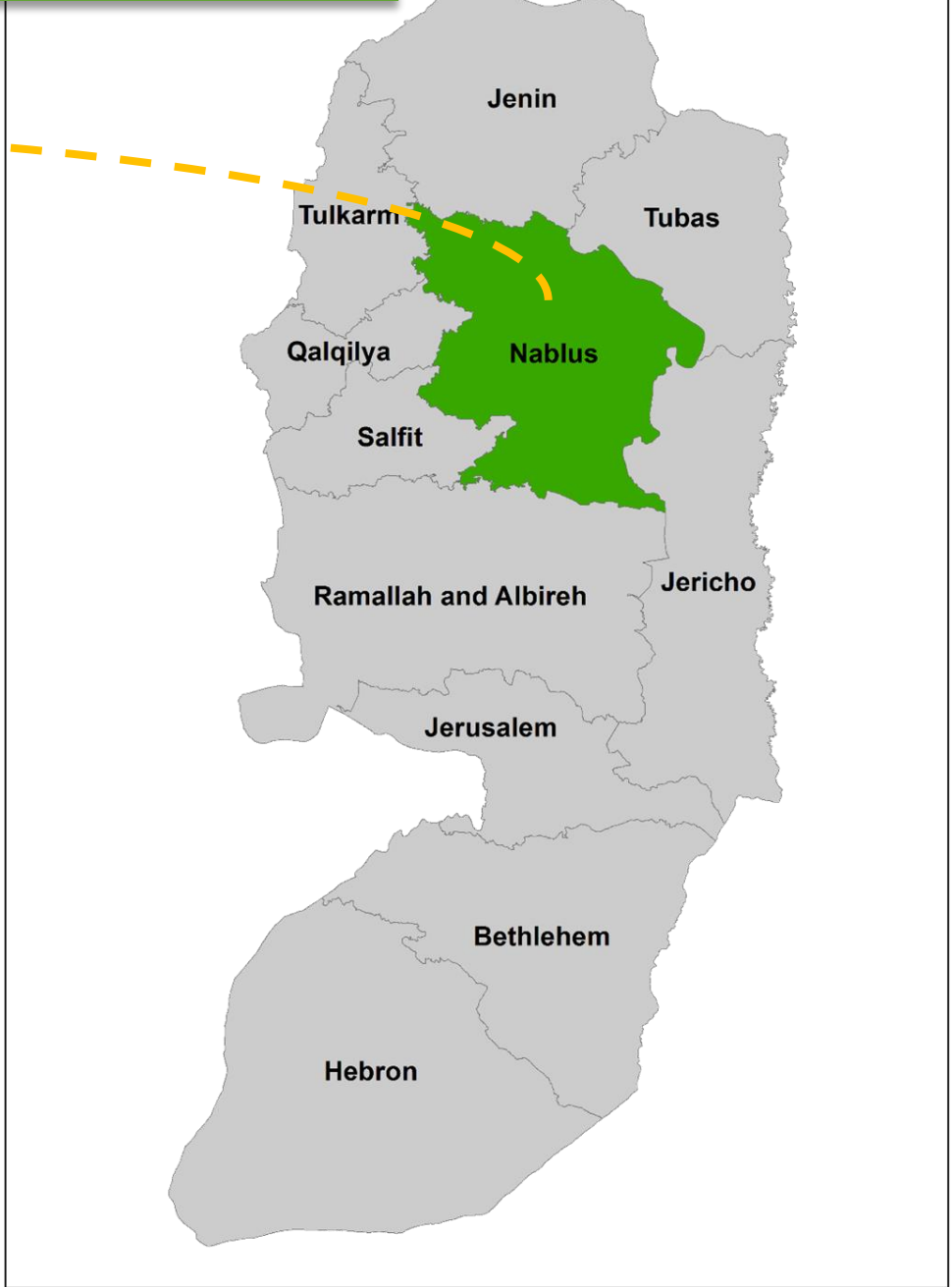
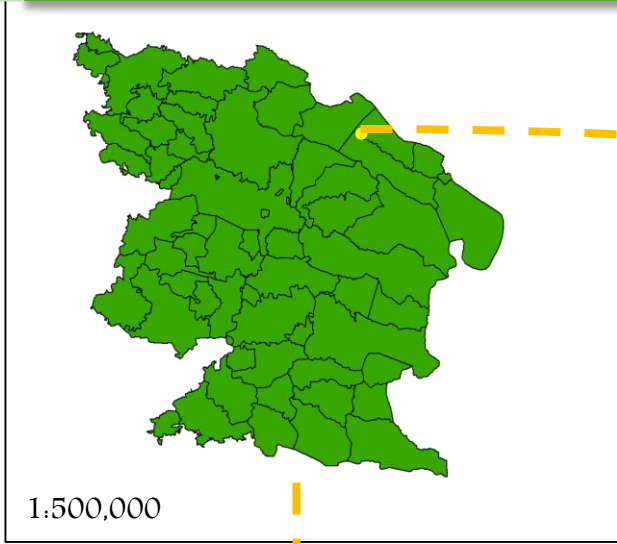
LandCove_1

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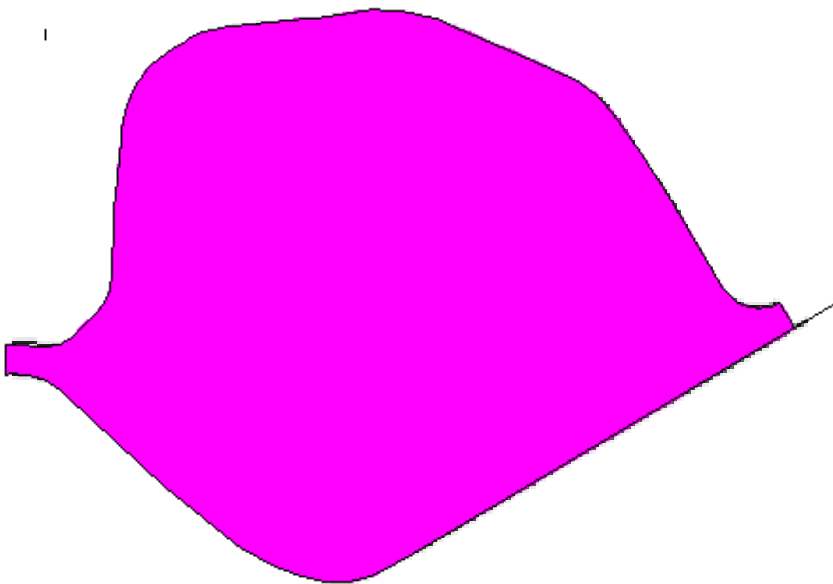
1:110,000

SITE SCALE

SITE LOCATION:

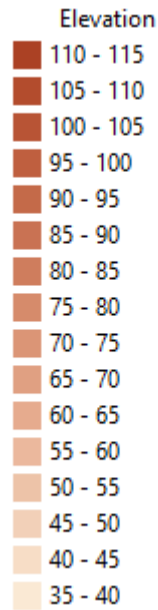


AREA



AREA = 123 DONUM

SLOPE



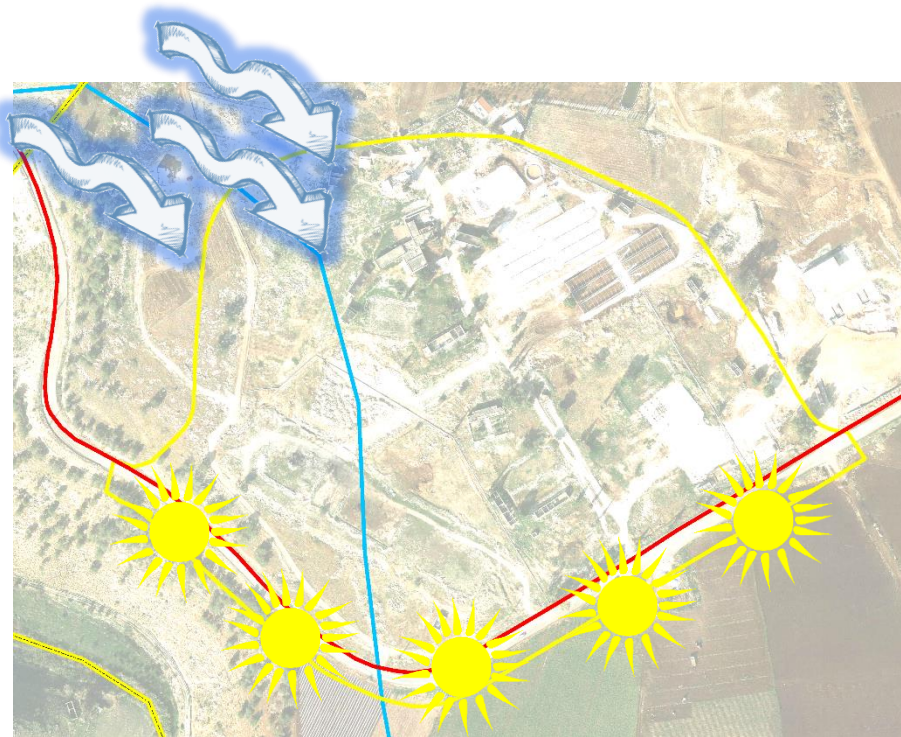
VERY EASE SLOPE

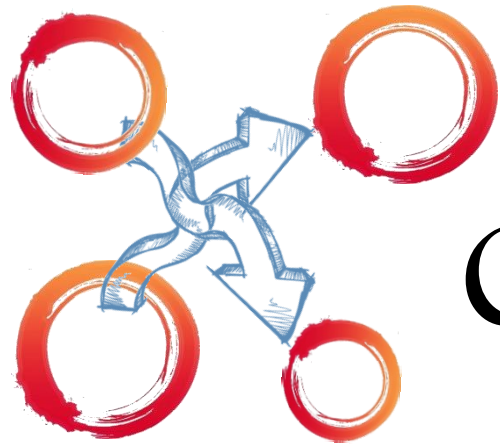
SOIL



SOIL IS PREMENETLY CLAY

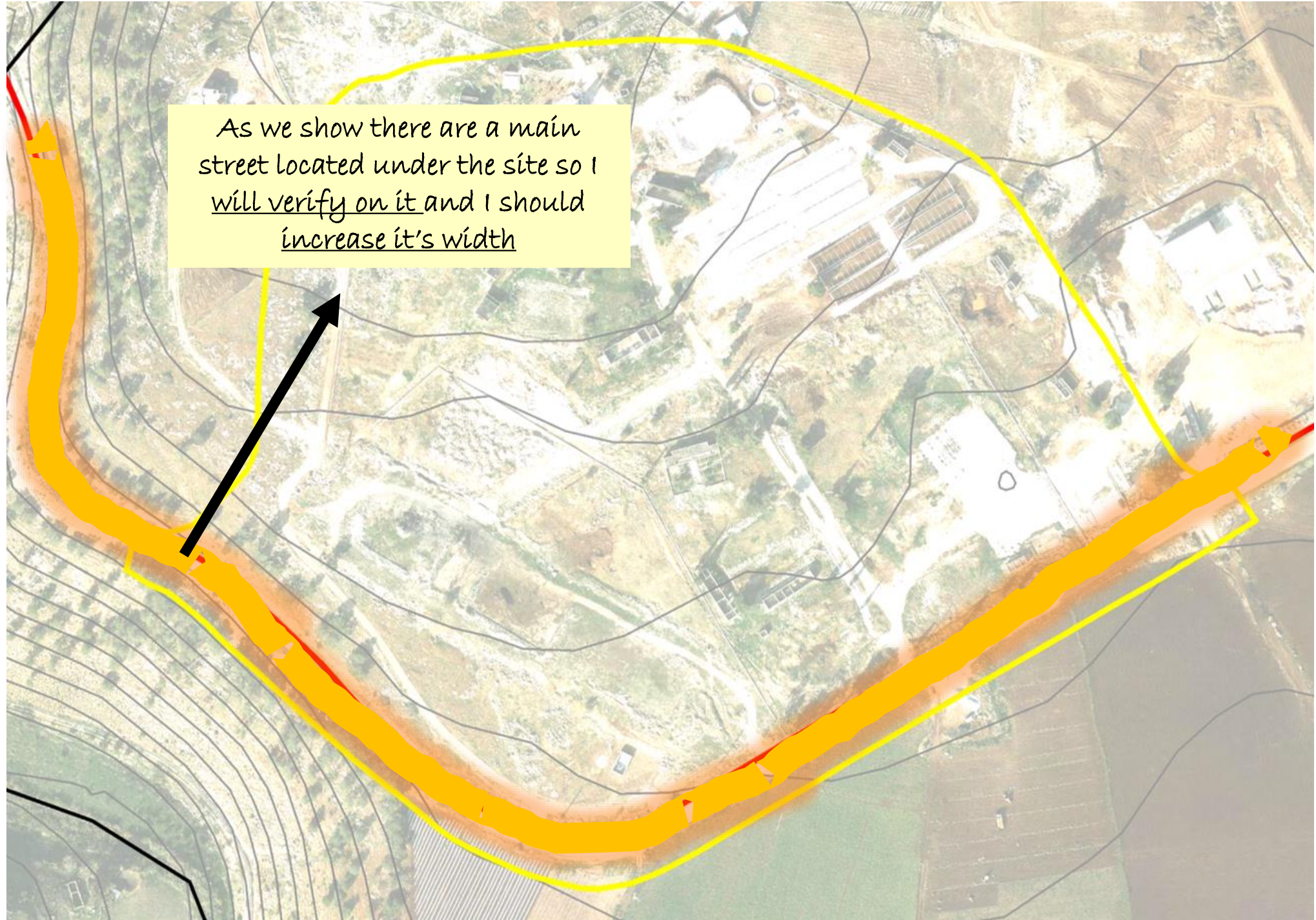
WIND AND SUN

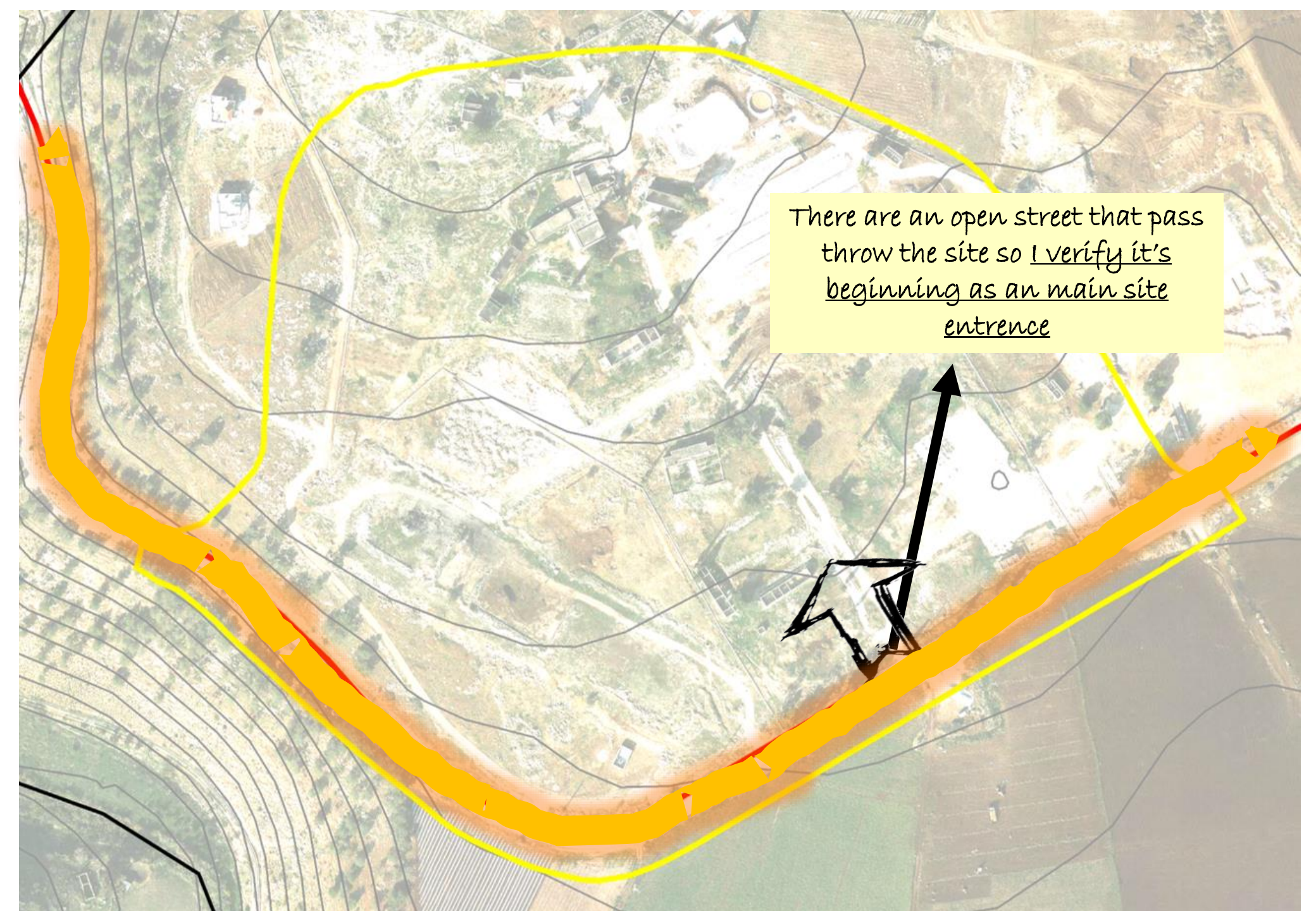




Concept Development

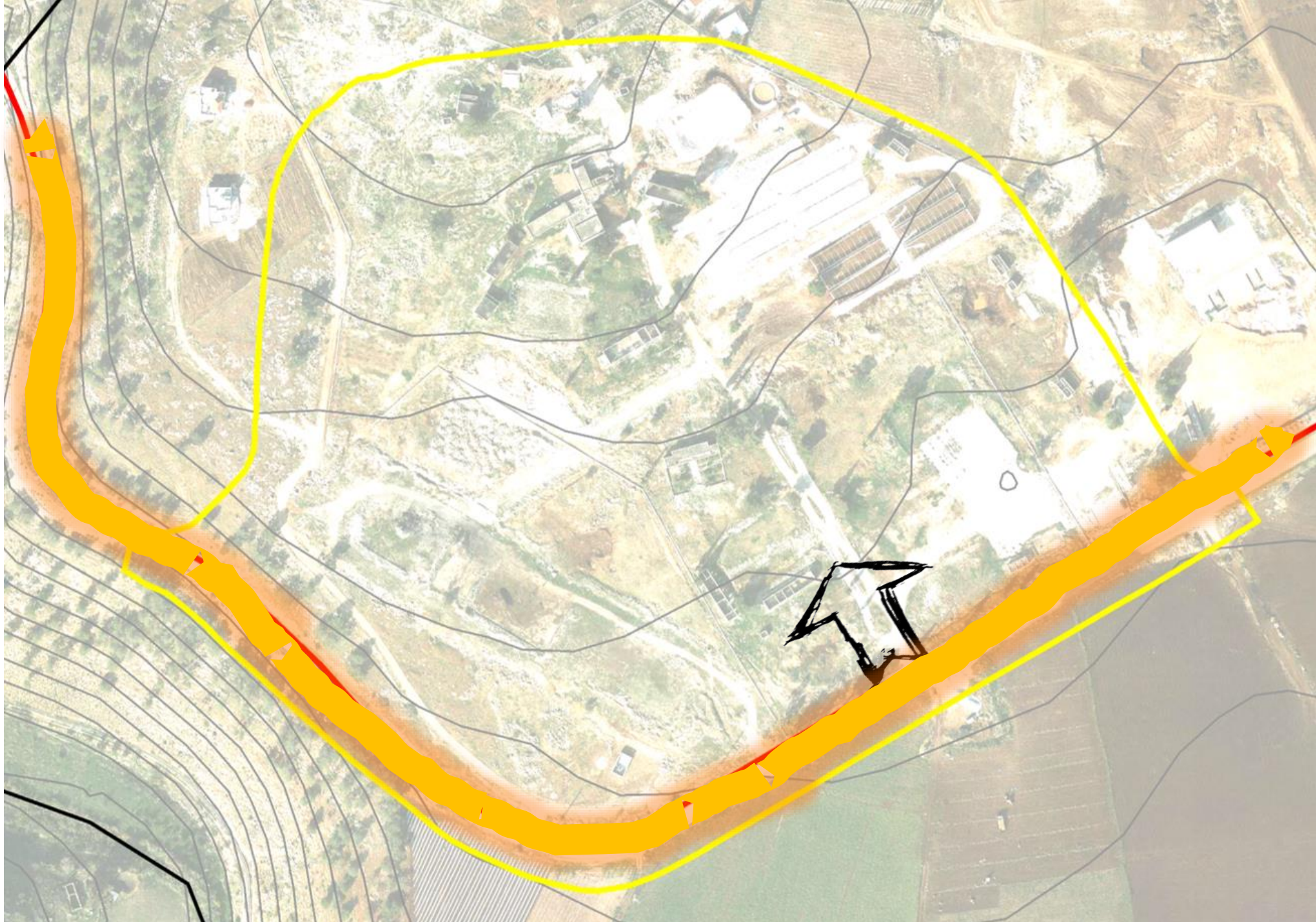
As we show there are a main street located under the site so I will verify on it and I should increase it's width

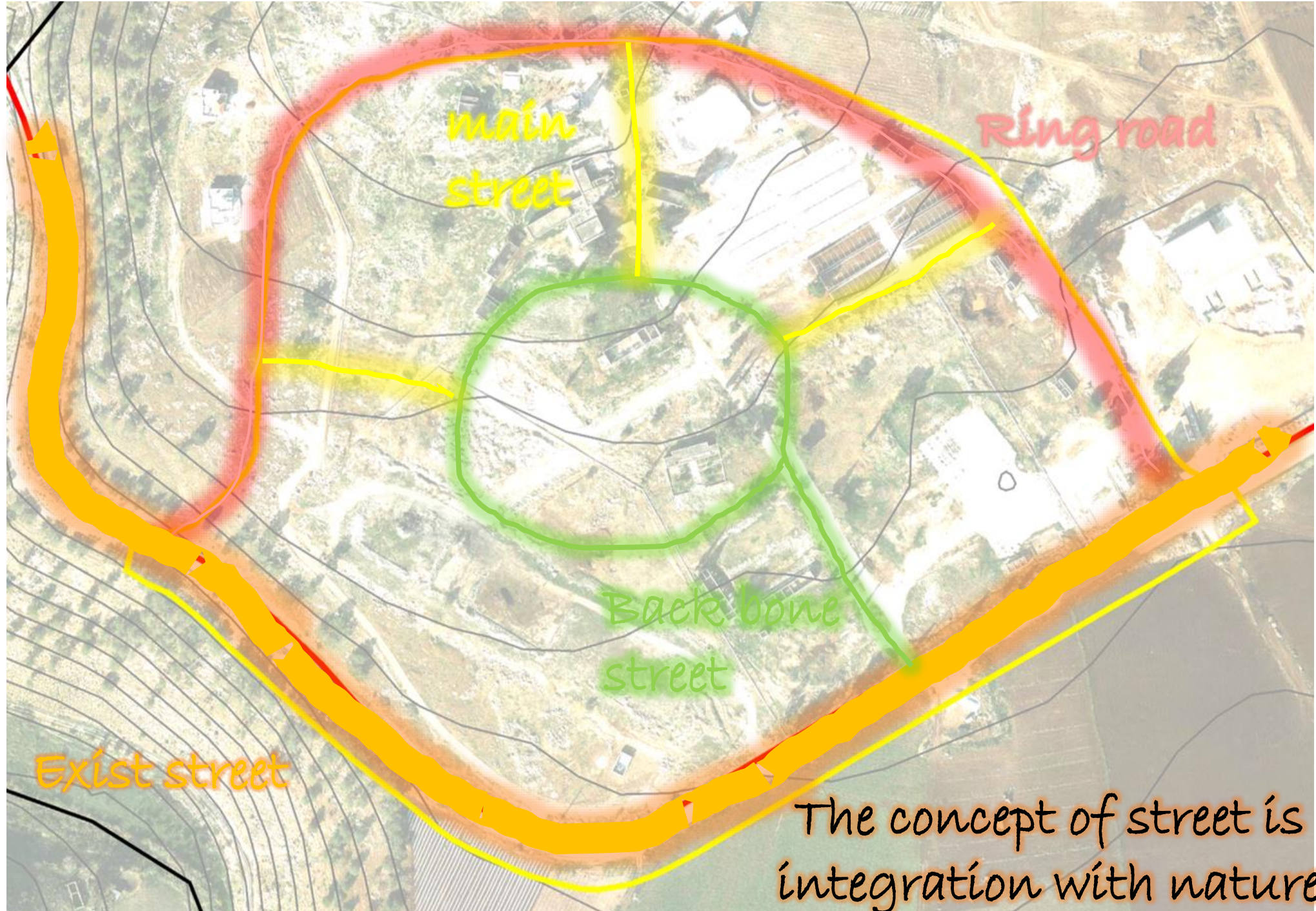




There are an open street that pass
throw the site so I verify it's
beginning as a main site
entrance







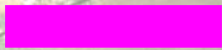
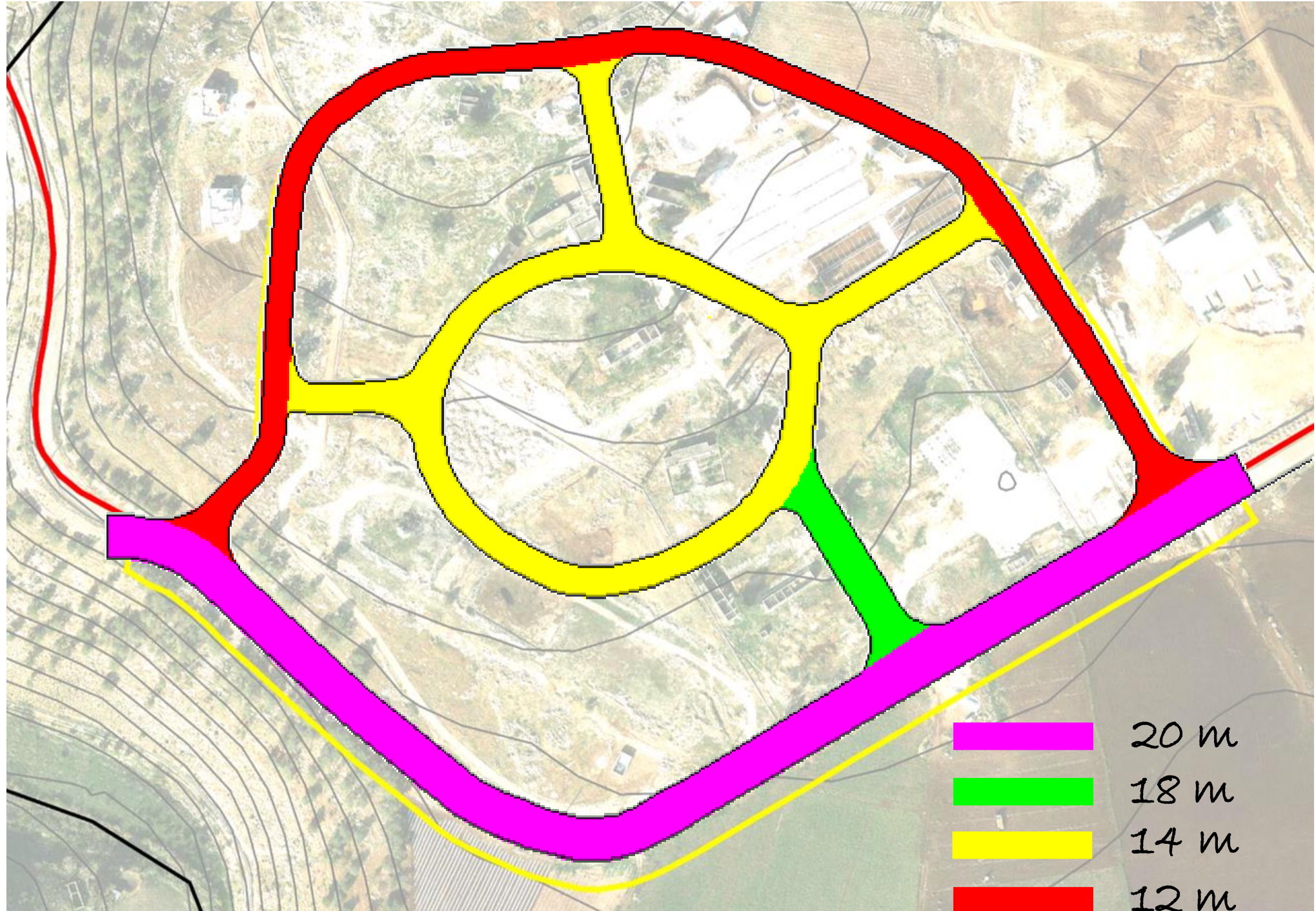
main street

Ring road

Back bone street

Exist street

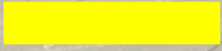
The concept of street is integration with nature



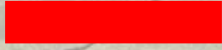
20 m



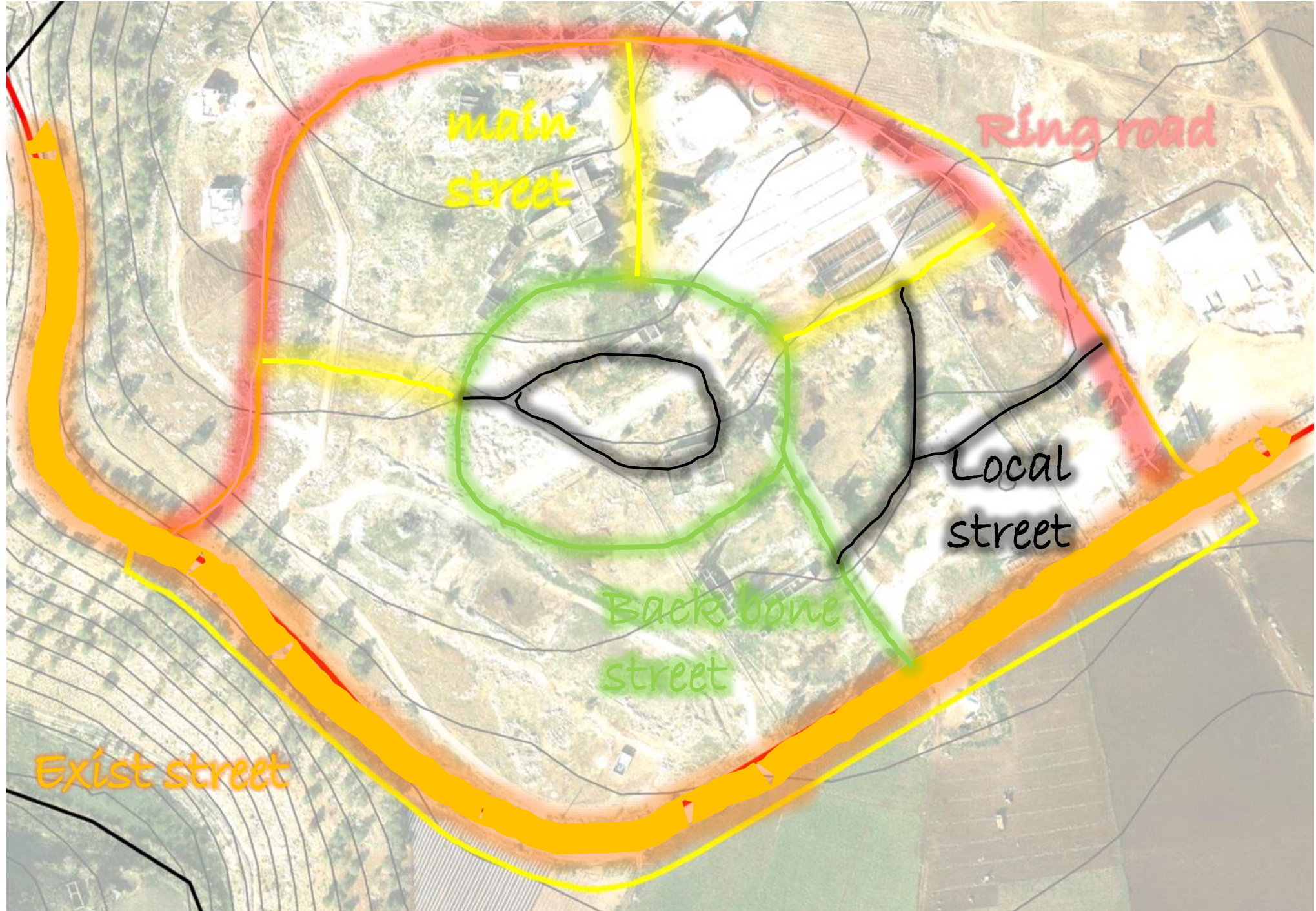
18 m



14 m



12 m



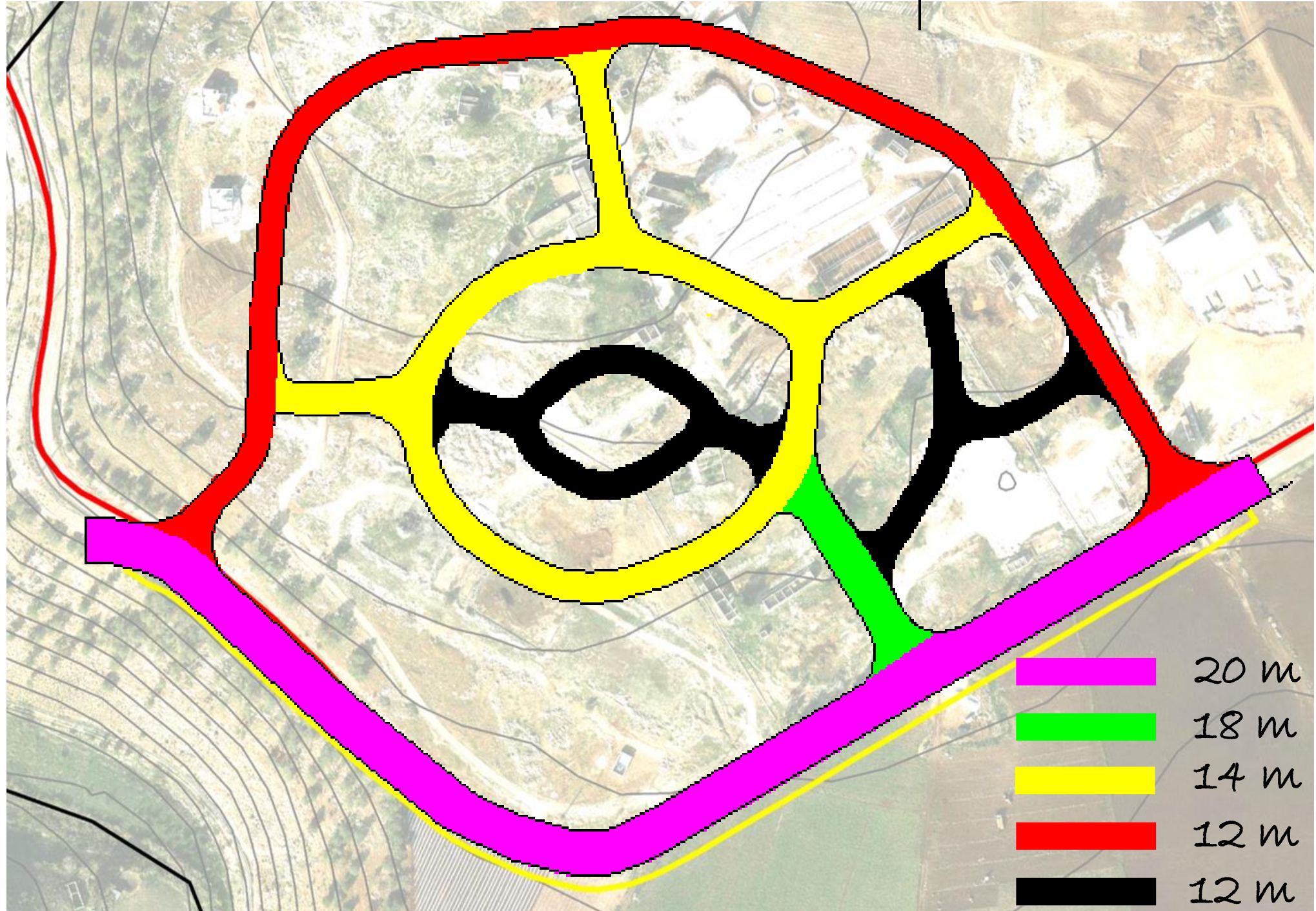
main street

Ring road

Local street

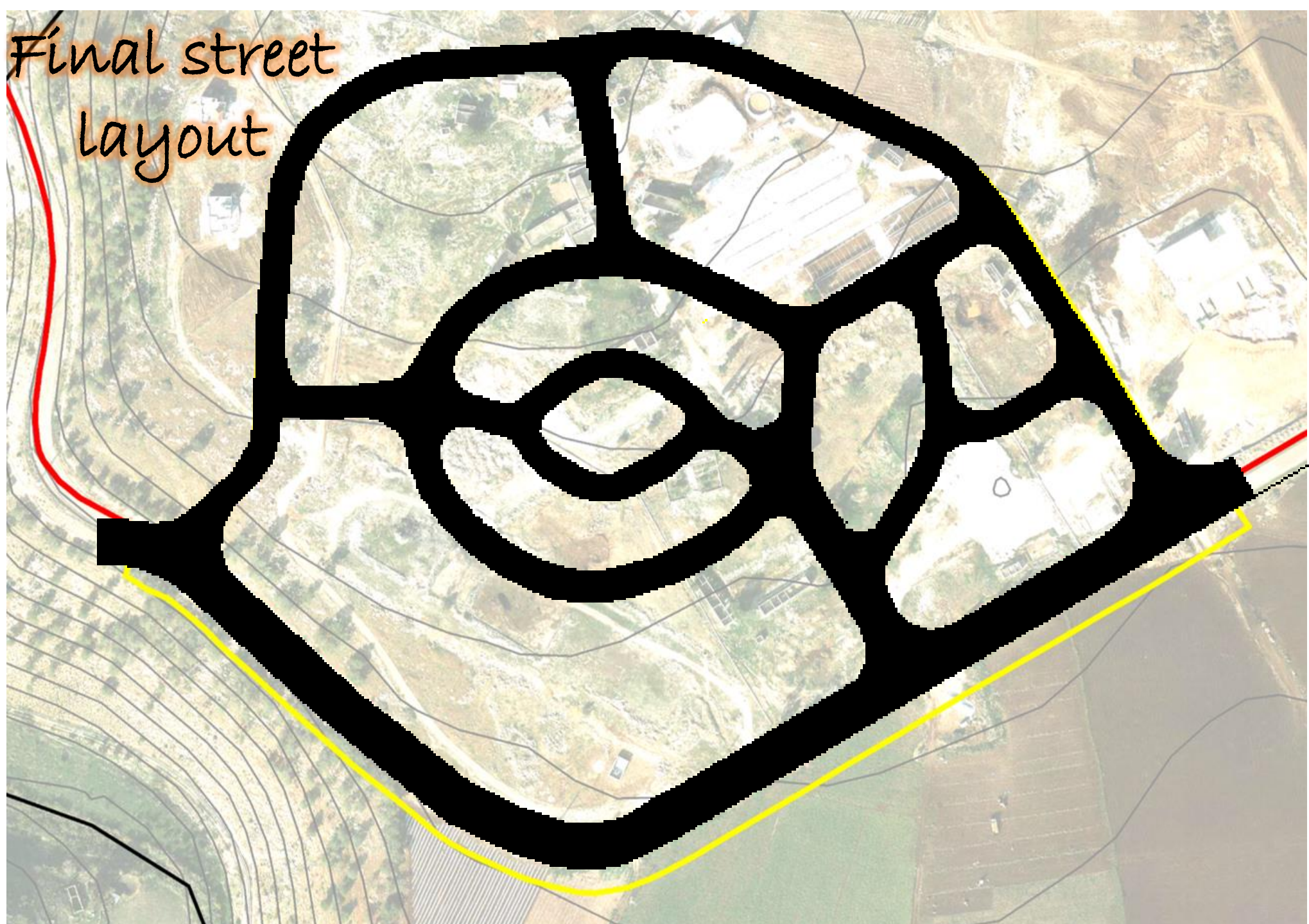
Back bone street

Exist street

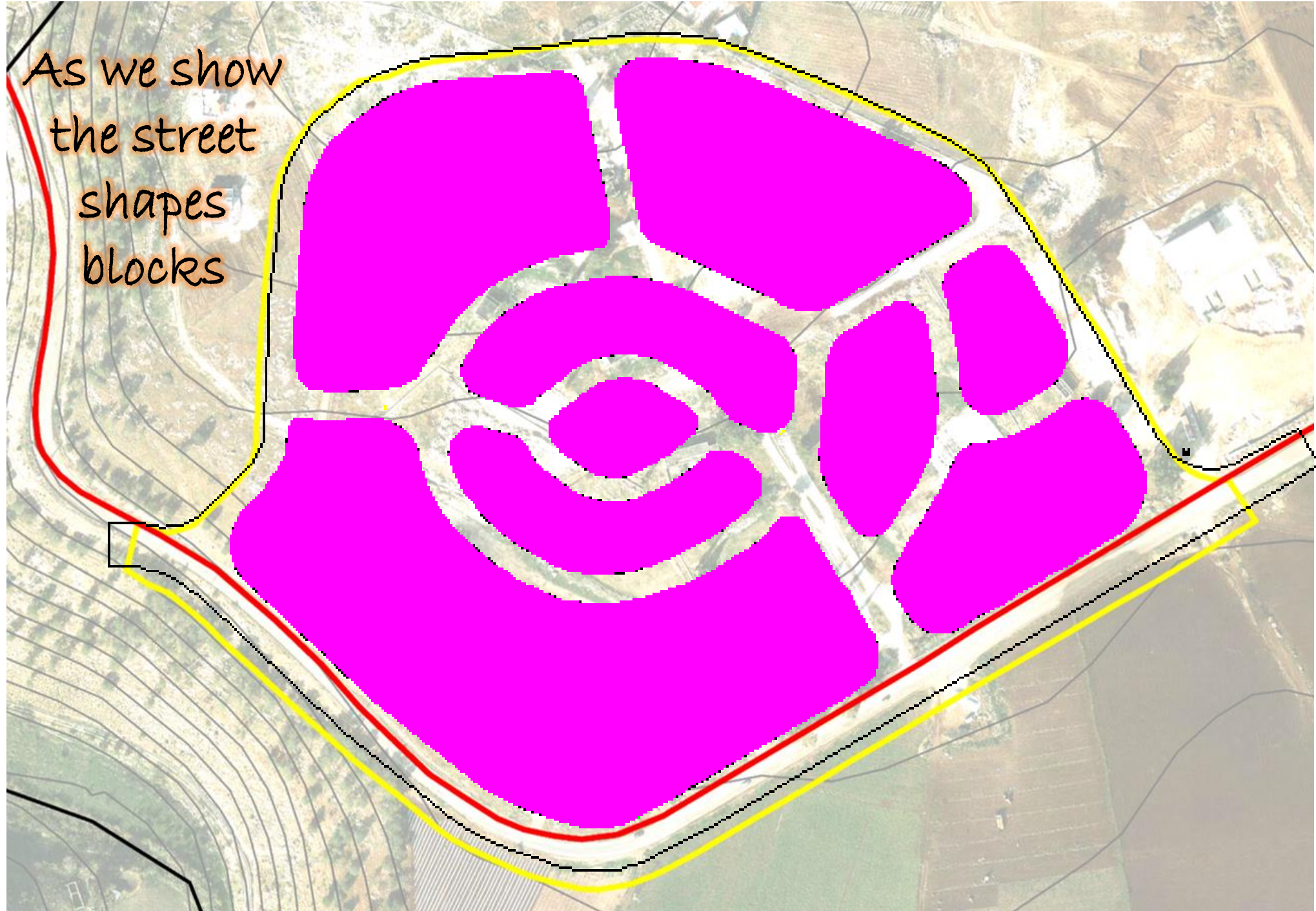


- 20 m
- 18 m
- 14 m
- 12 m
- 12 m

Final street layout



As we show
the street
shapes
blocks



The zones that I need it in the agricultural college are:

- Services area (contain mosque , services building , library and park)

- Agricultural areas (contain agricultural college building , green houses and pools area and agricultural lands for crops)

- Areas for animals (contain agricultural college building , green houses and pools area and agricultural lands for crops)

- Housing area

Relationship between elements of areas:

Administration building area

Services area

Agricultural building area

It's a cross area

Park area

Library building area

Veterinary building area

Animals husbandry area

Green houses and pools area

Students housing area

Agricultural lands area

Administration building area

Services area

It's a cross area

Library building area

Park area

Center area

veterinary building area

Animals husbandry area



Area for animals

Agricultural building area

Green houses and pools area

Agricultural lands area



Agricultural area

Students housing area



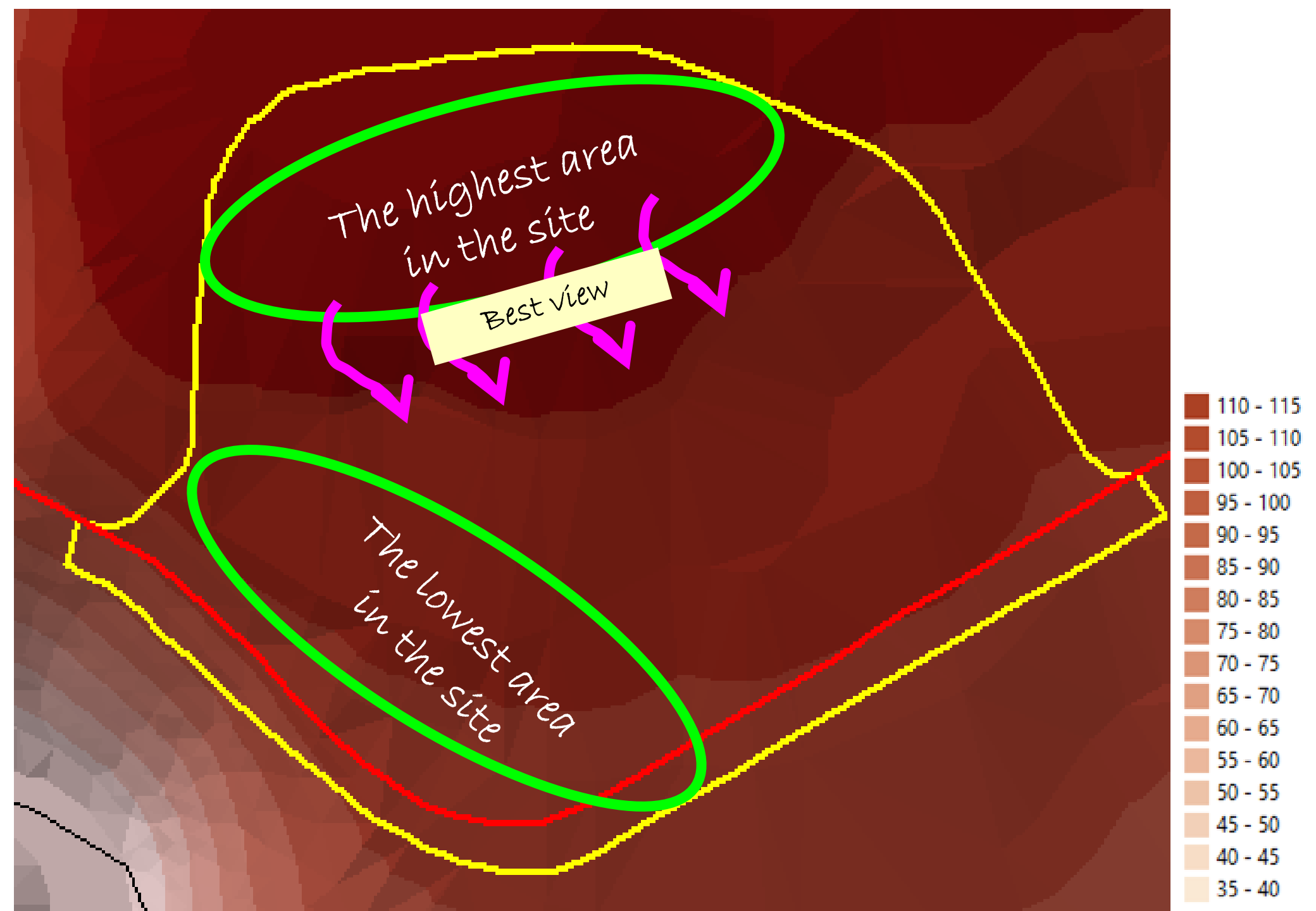
Housing area

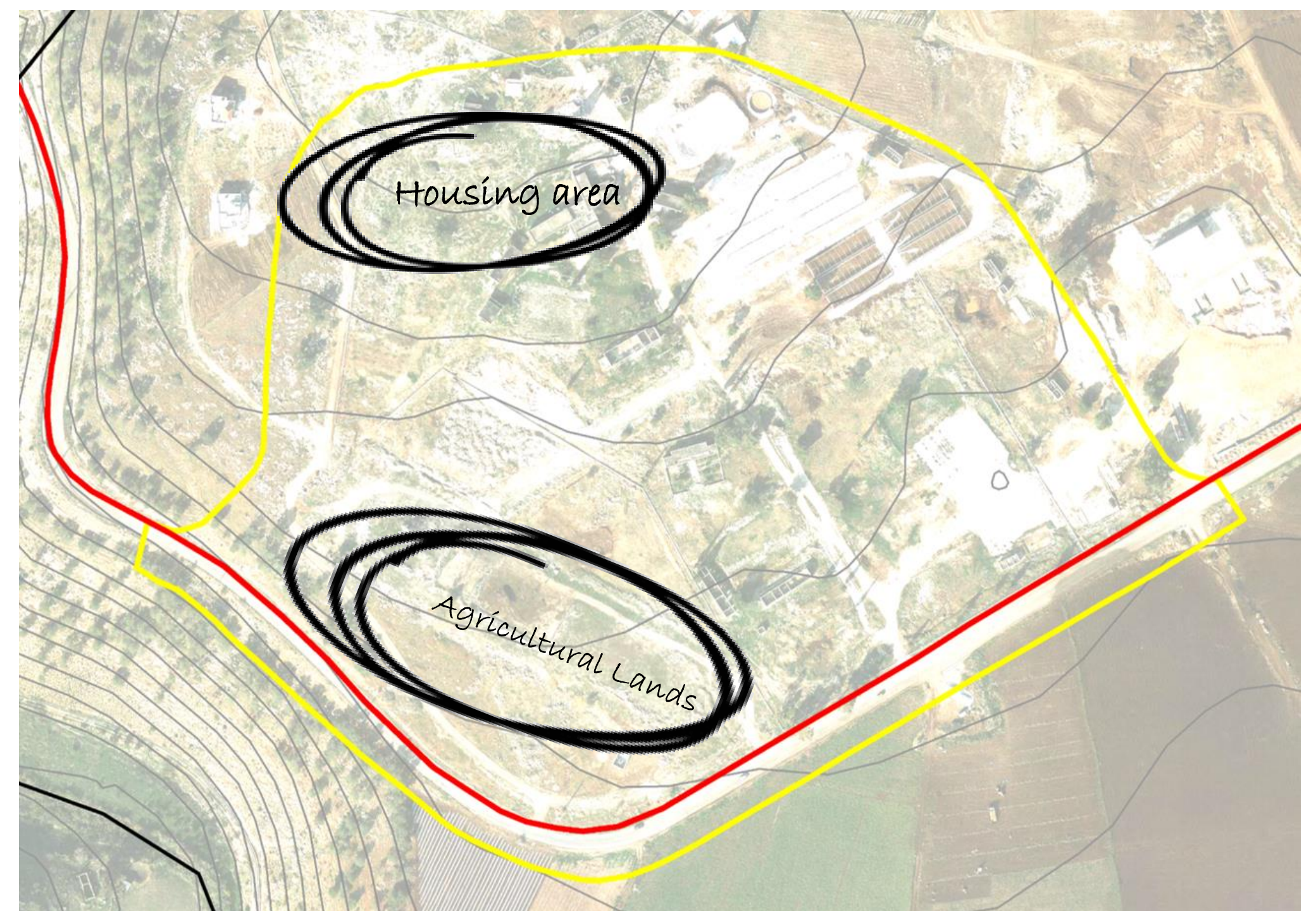
Area for animals





Area for animals





Housing area

Agricultural Lands



Housing area



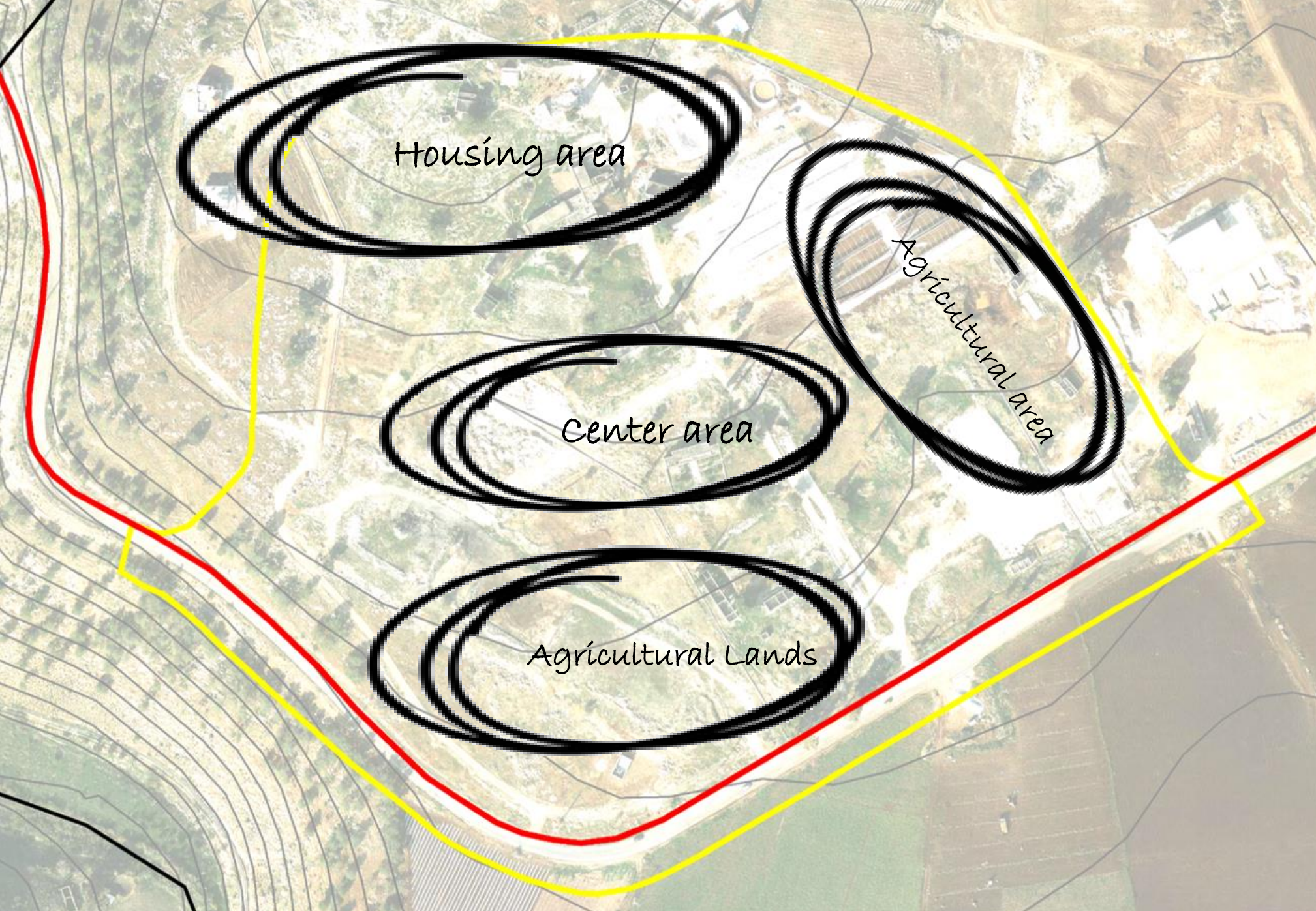
Center area



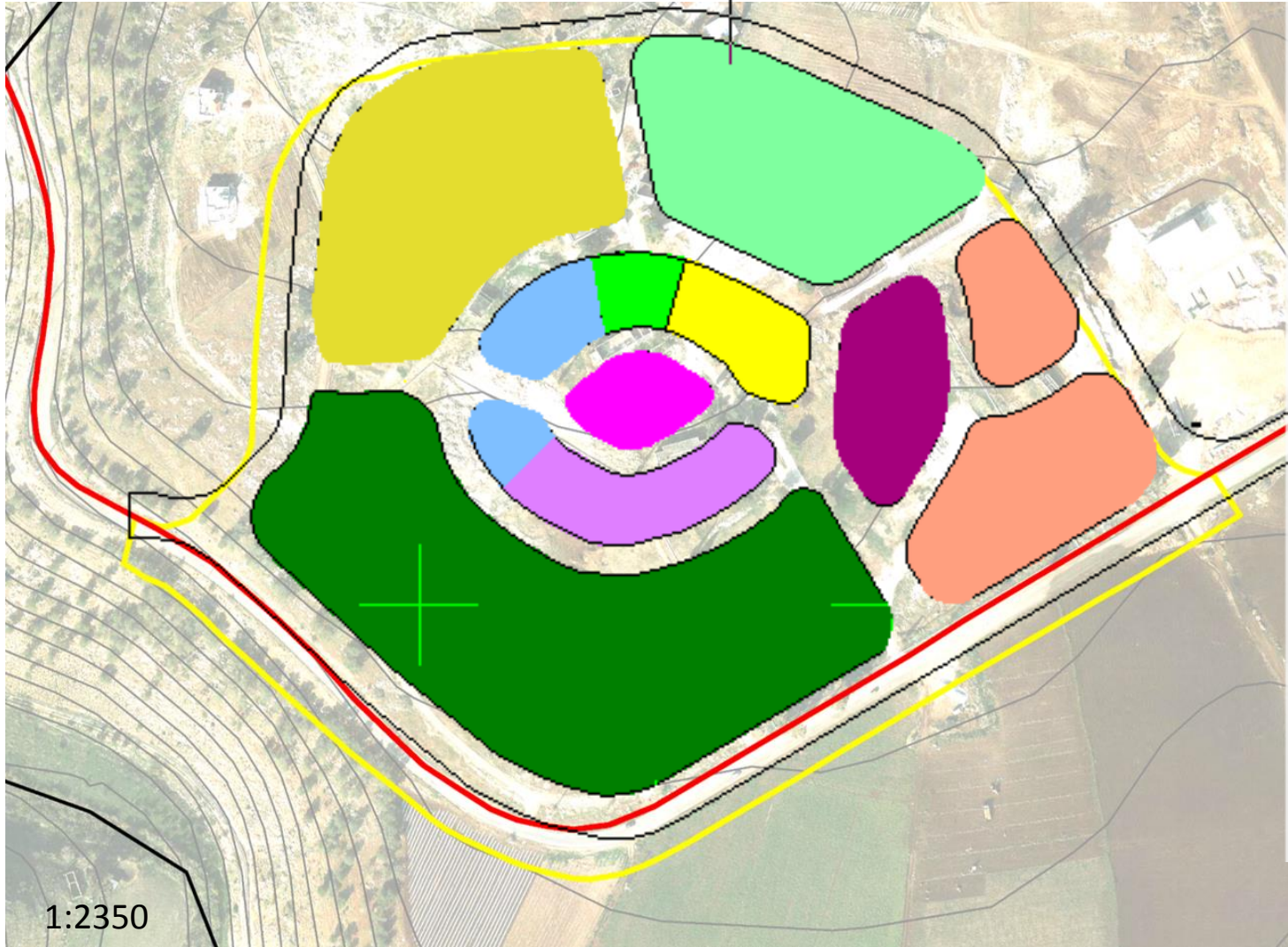
Agricultural area



Agricultural Lands



Land use master plan:



Legend:

-  Administration building area
-  Agricultural building area
-  Services area
-  Park area
-  Library building area
-  Veterinary building area
-  Animals husbandry area
-  Green houses and pools area
-  Palm tree area
-  Students housing area
-  Agricultural lands area

1:2350

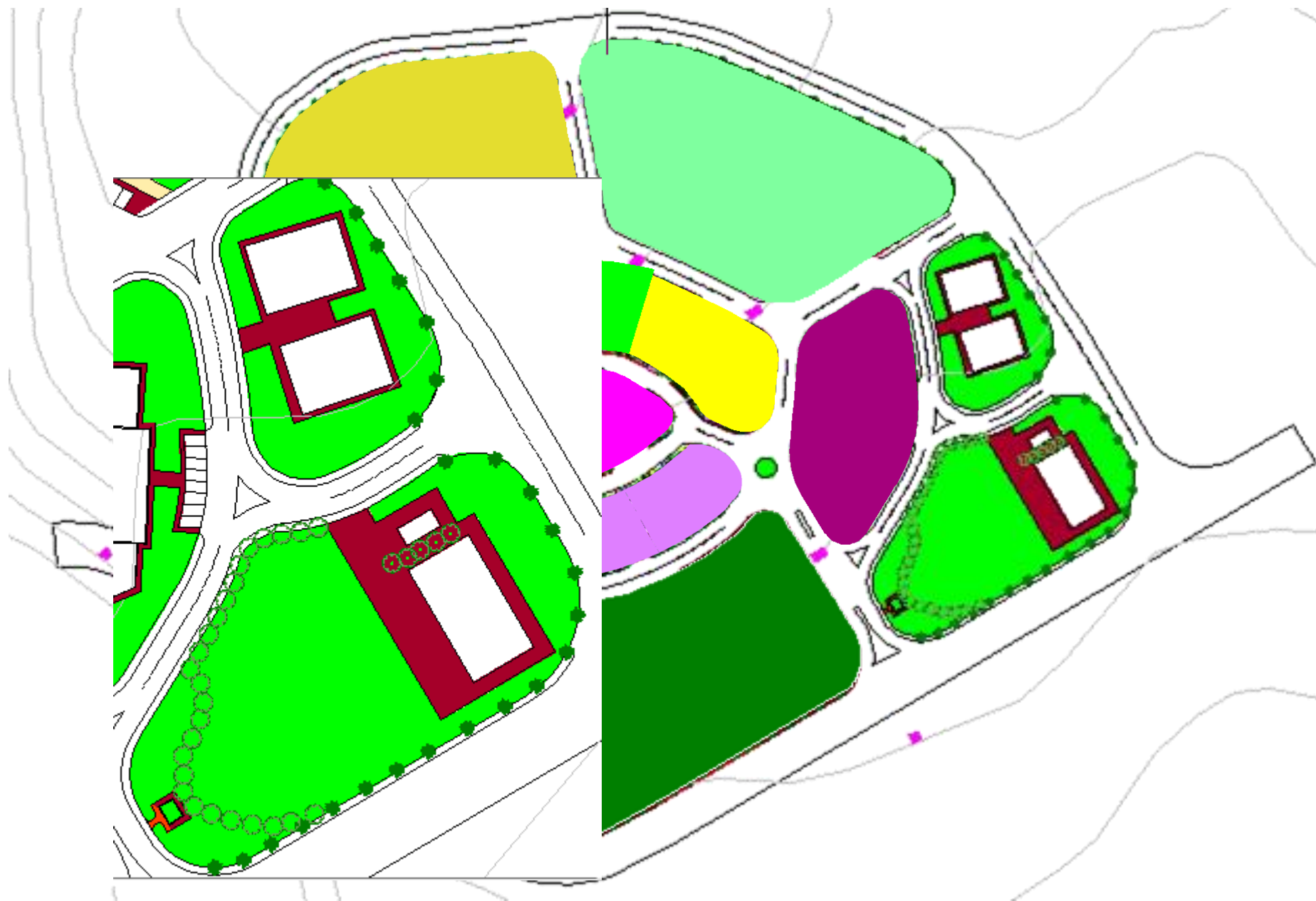
zoom in zoning



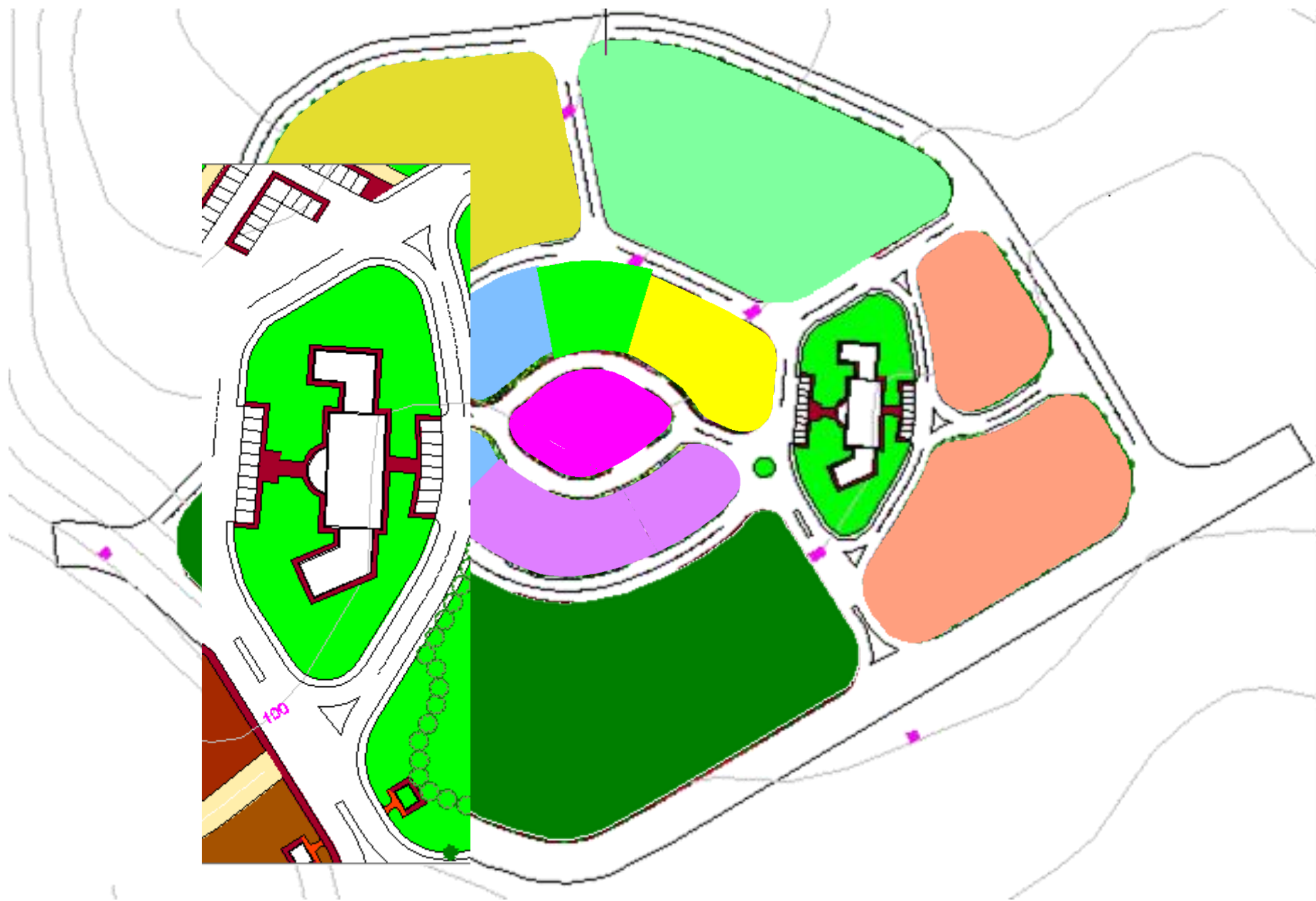
zoom in zoning



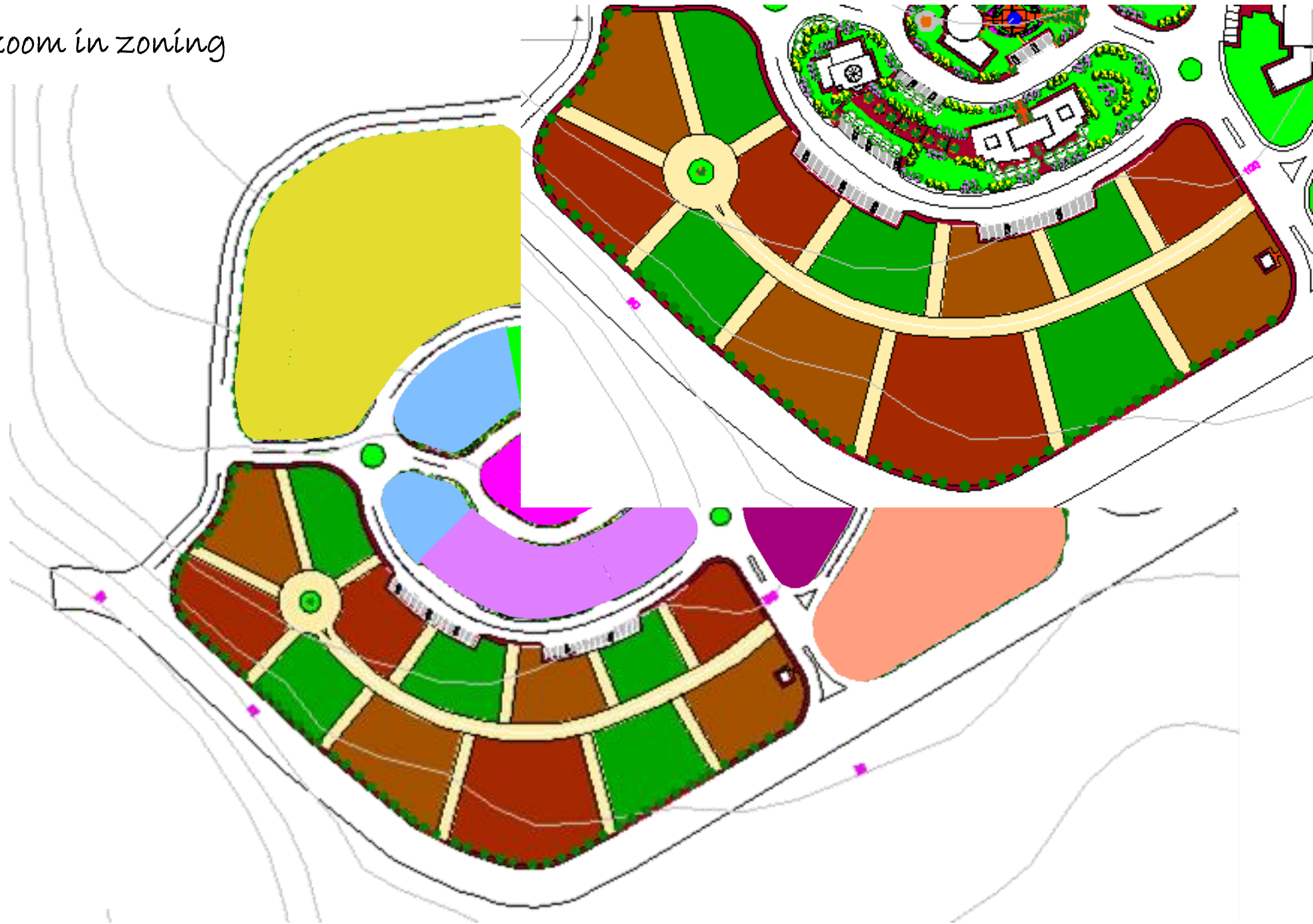
zoom in zoning



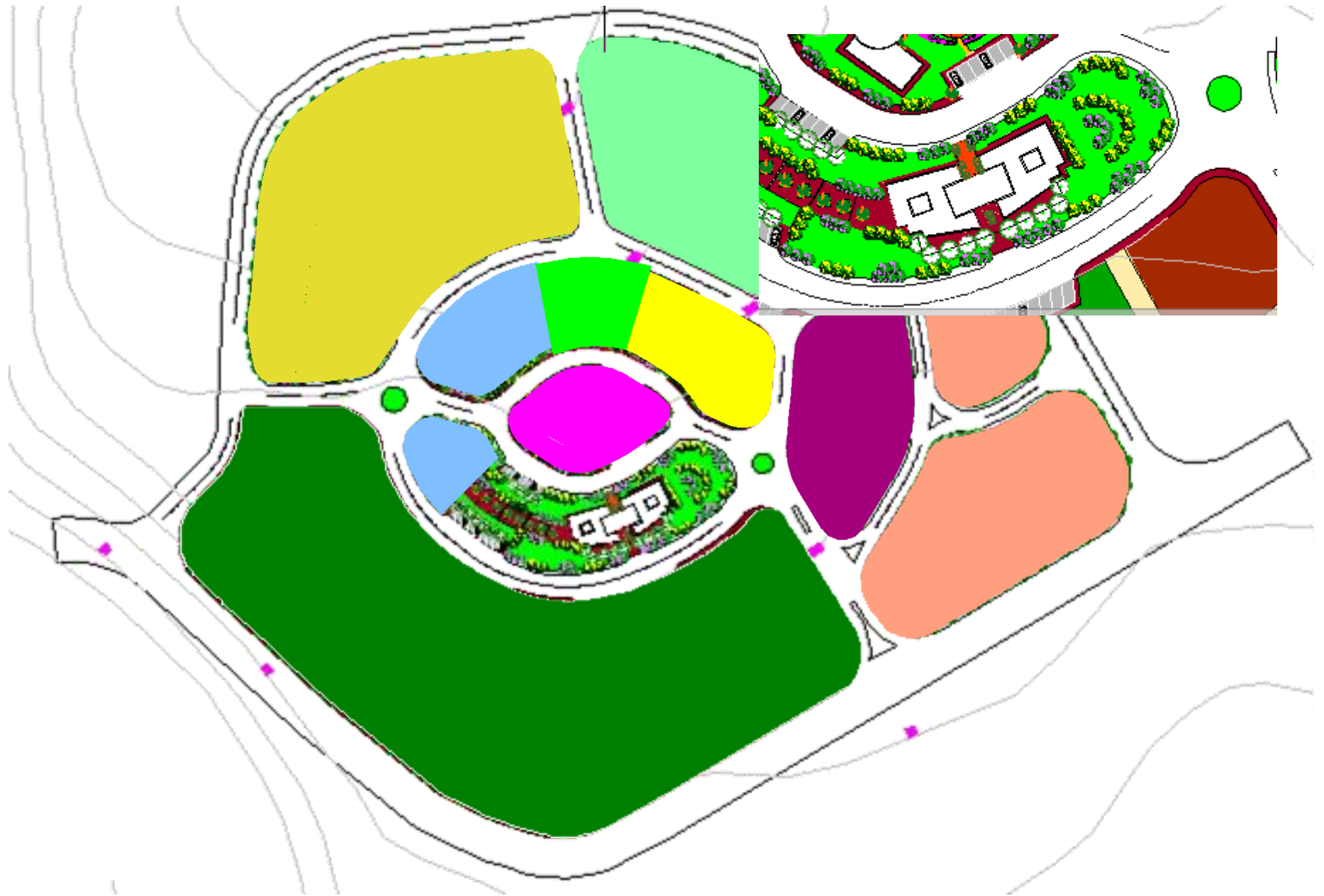
zoom in zoning



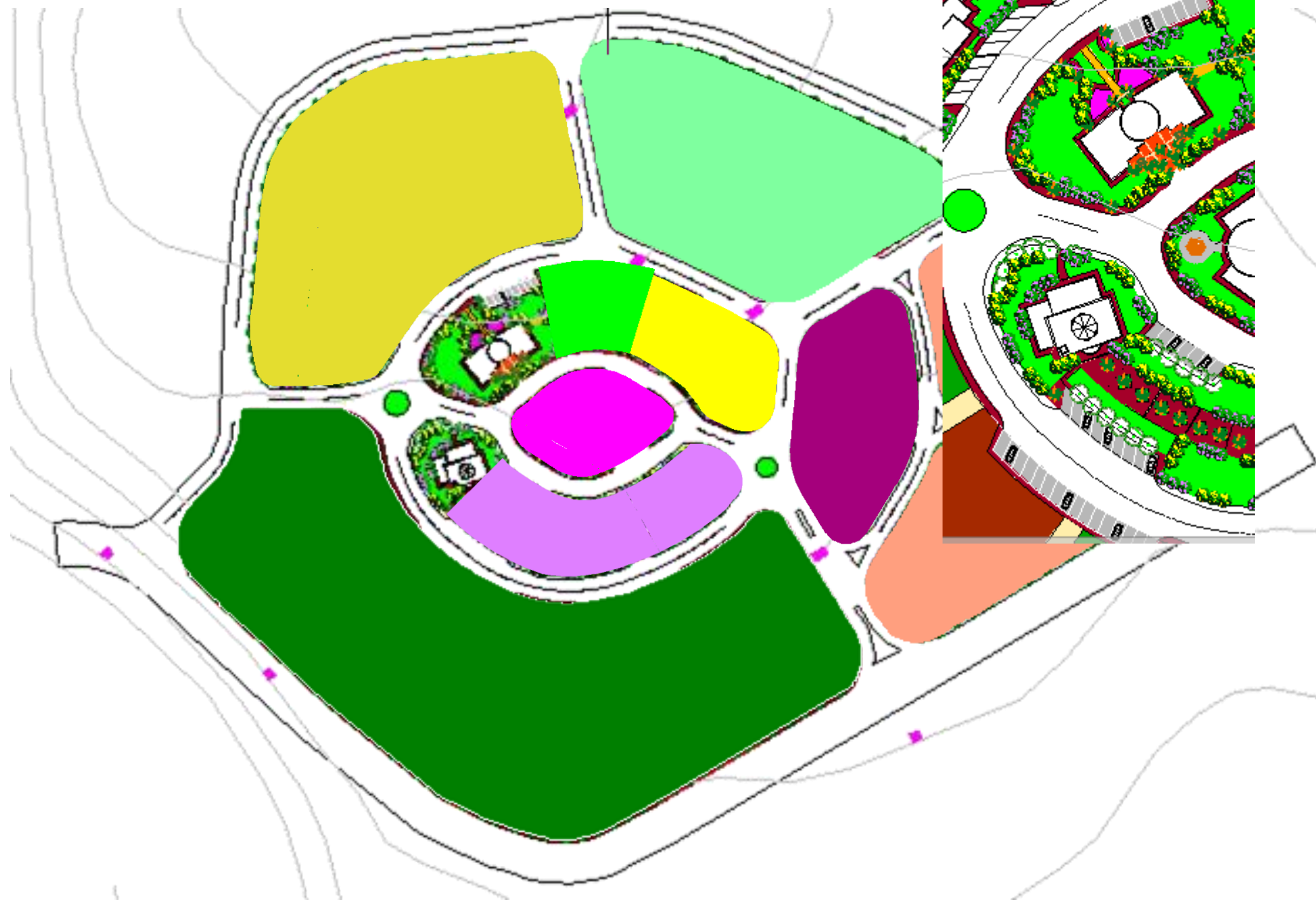
zoom in zoning



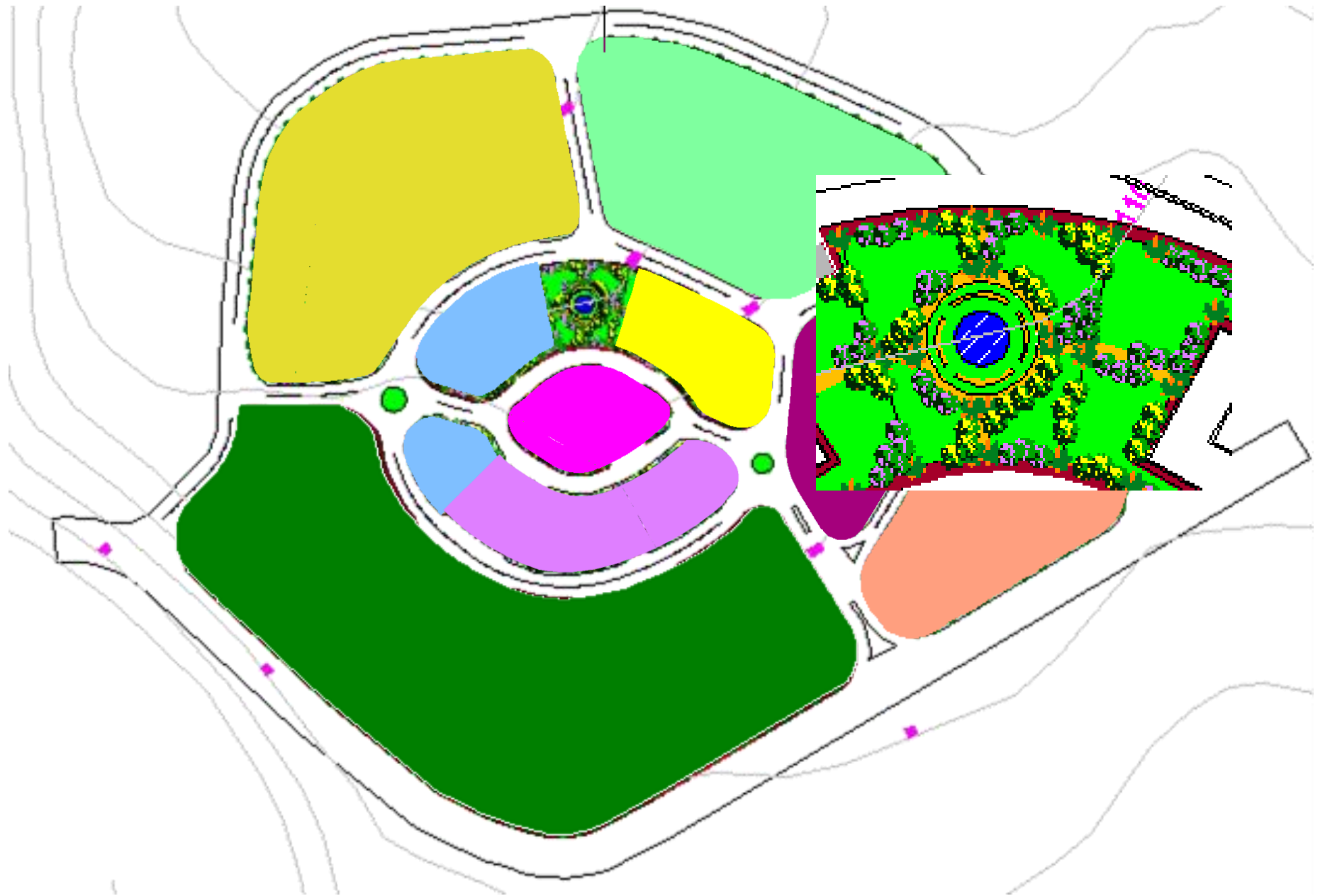
zoom in zoning



zoom in zoning



zoom in zoning



zoom in zoning



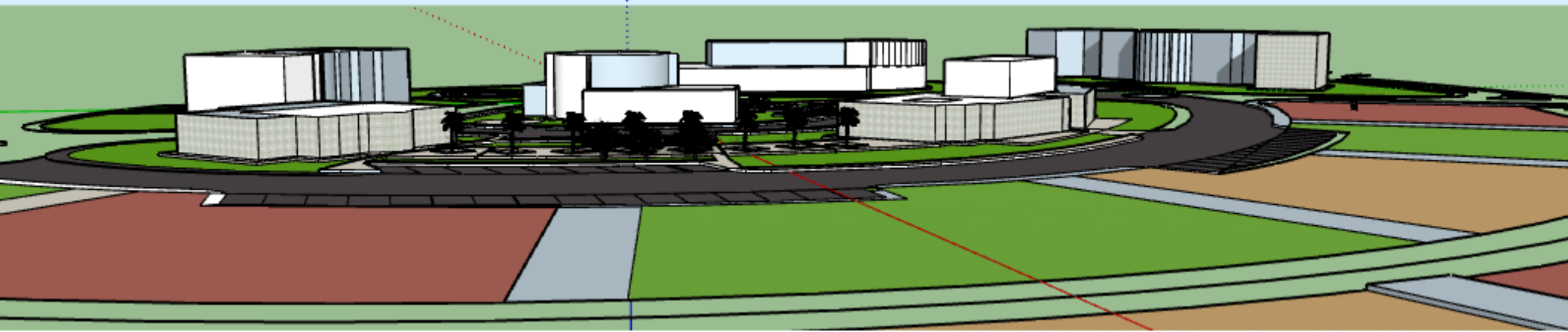
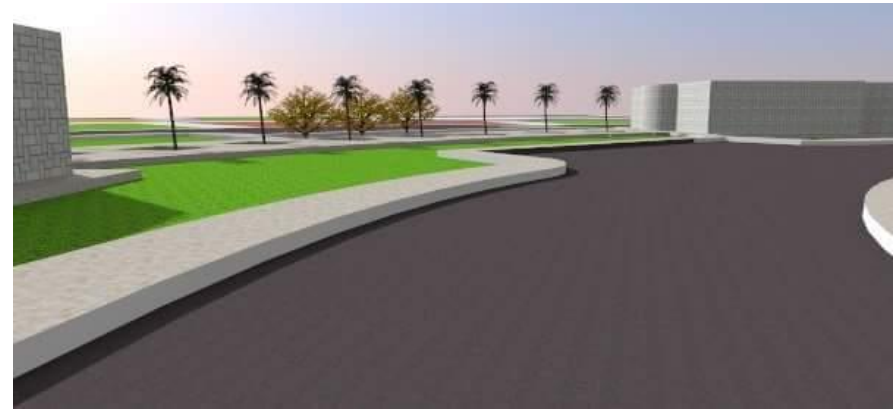
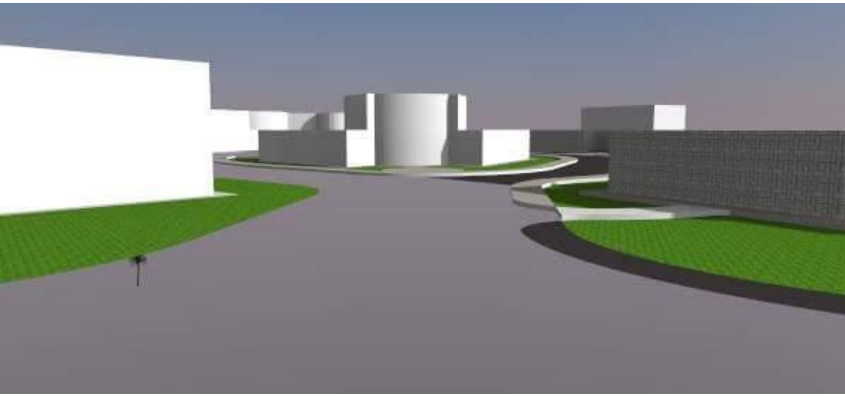
zoom in zoning



Final master plan:



3D & 3D SHOTS:



THANKS FOR
LISTENING