

LIVABILITY

“PALESTINIAN LIVABLE NEIGHBORHOOD”

By: Suha Said Tamim

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Livability

“Livable communities are places where **transportation, housing, and commercial development** investments have been coordinated so that people have access to **adequate, affordable, and environmentally sustainable** travel options.”



Livability & Sustainability

Steps to **livability** enhance **sustainability**

- ✓ Making cities more livable (pleasant, safe, clean, healthy) helps make them more sustainable



Livability

MAIN POINTS

- 1 The scope of the main services
- 2 Walkability
- 3 Shared Transportation
- 4 Affordable housing



My Project

“Livable Neighborhood”

My project aims to imagine a “**Palestinian livable neighborhood model**”. To make strong neighborhood where it will be easier to get where you need to be, and the air will be cleaner and people will be healthier and spend less money on transportation.



Site Selection



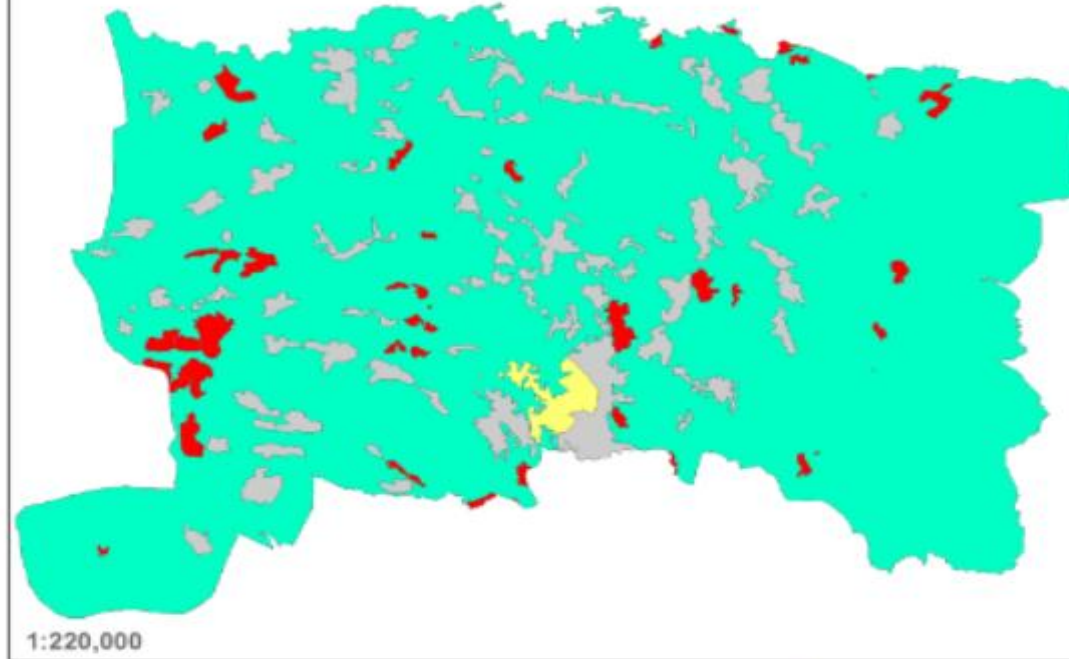
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Site Selection

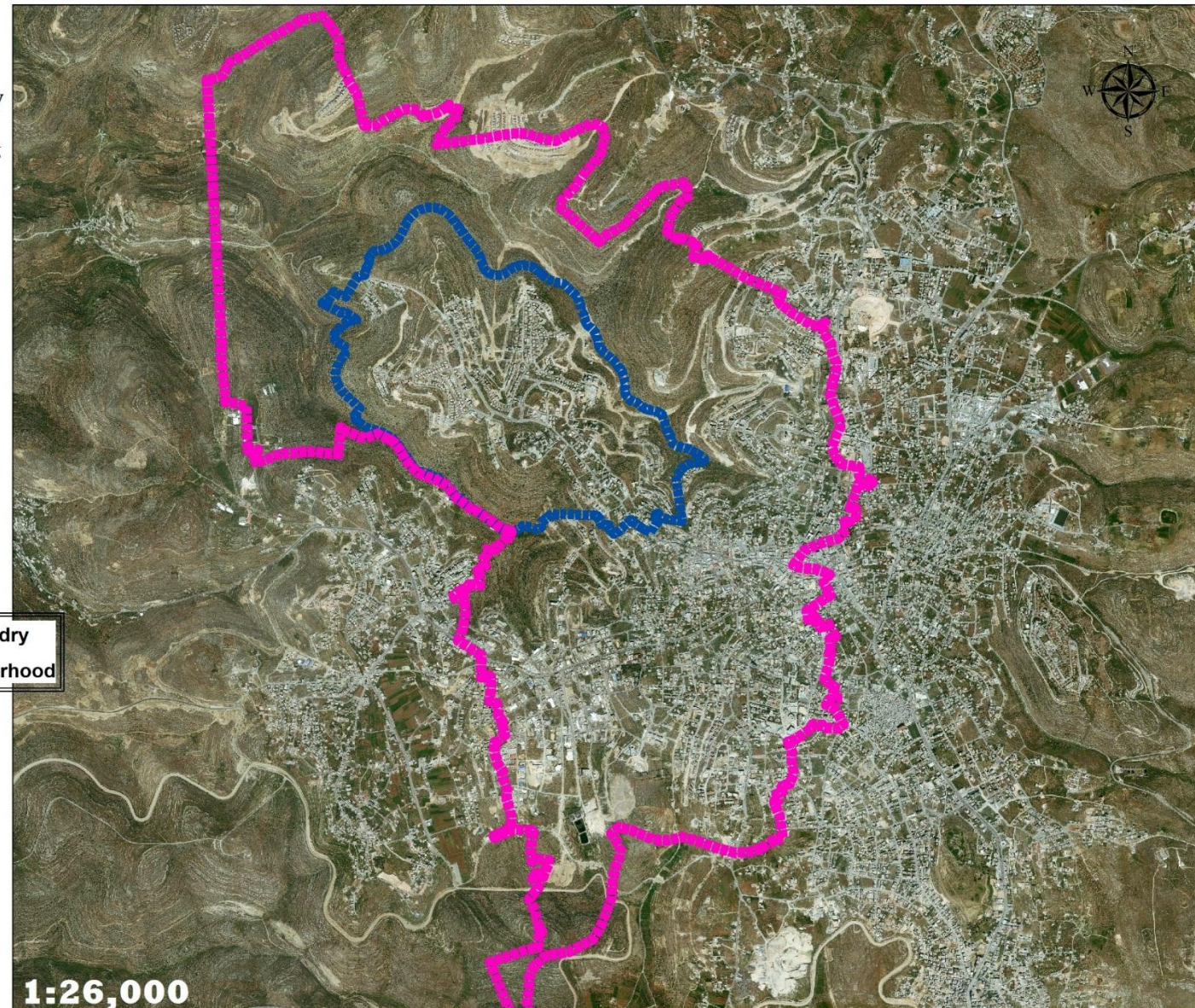
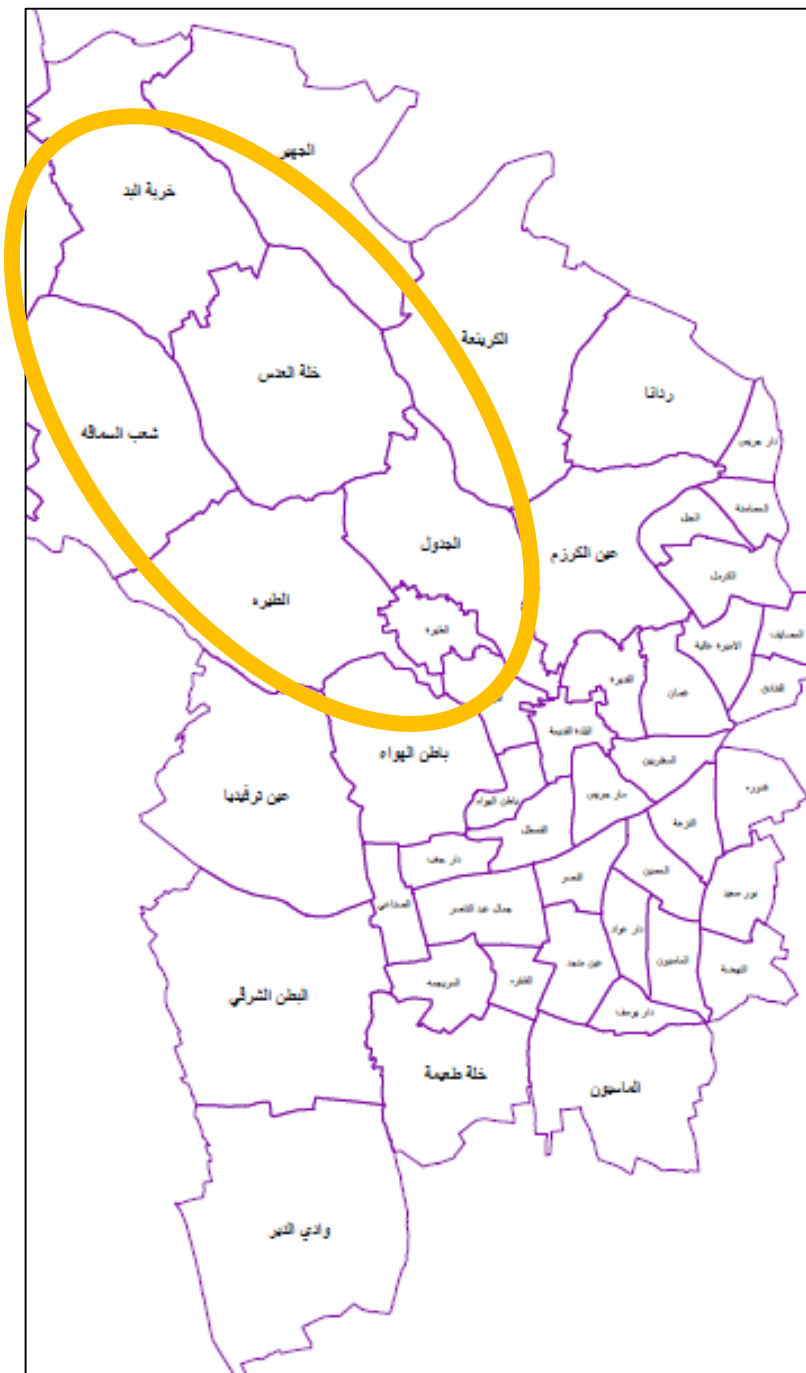


Ramallah and Albireh



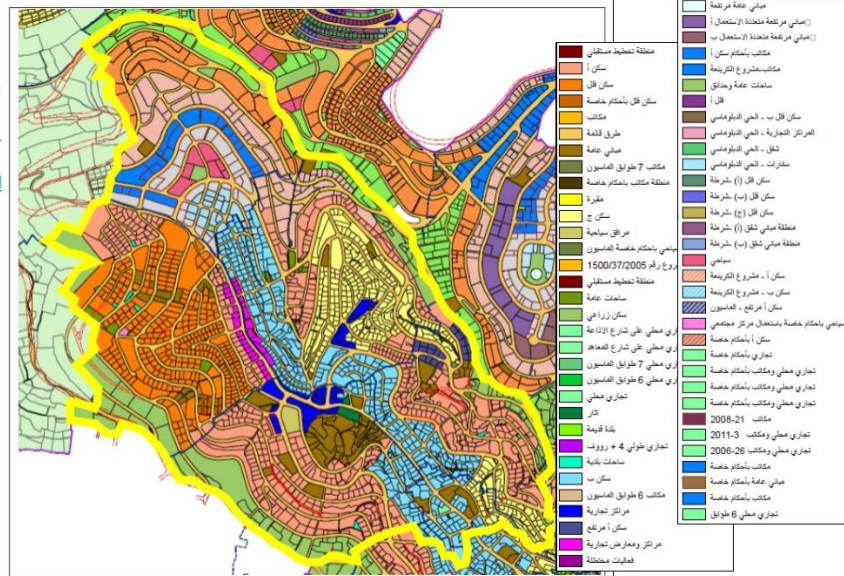
-  Ramallah And Albireh Governorate
-  Ramallah City
-  Israeli Colonies
-  Builtup Areas





1985

1999



2012

Evolution



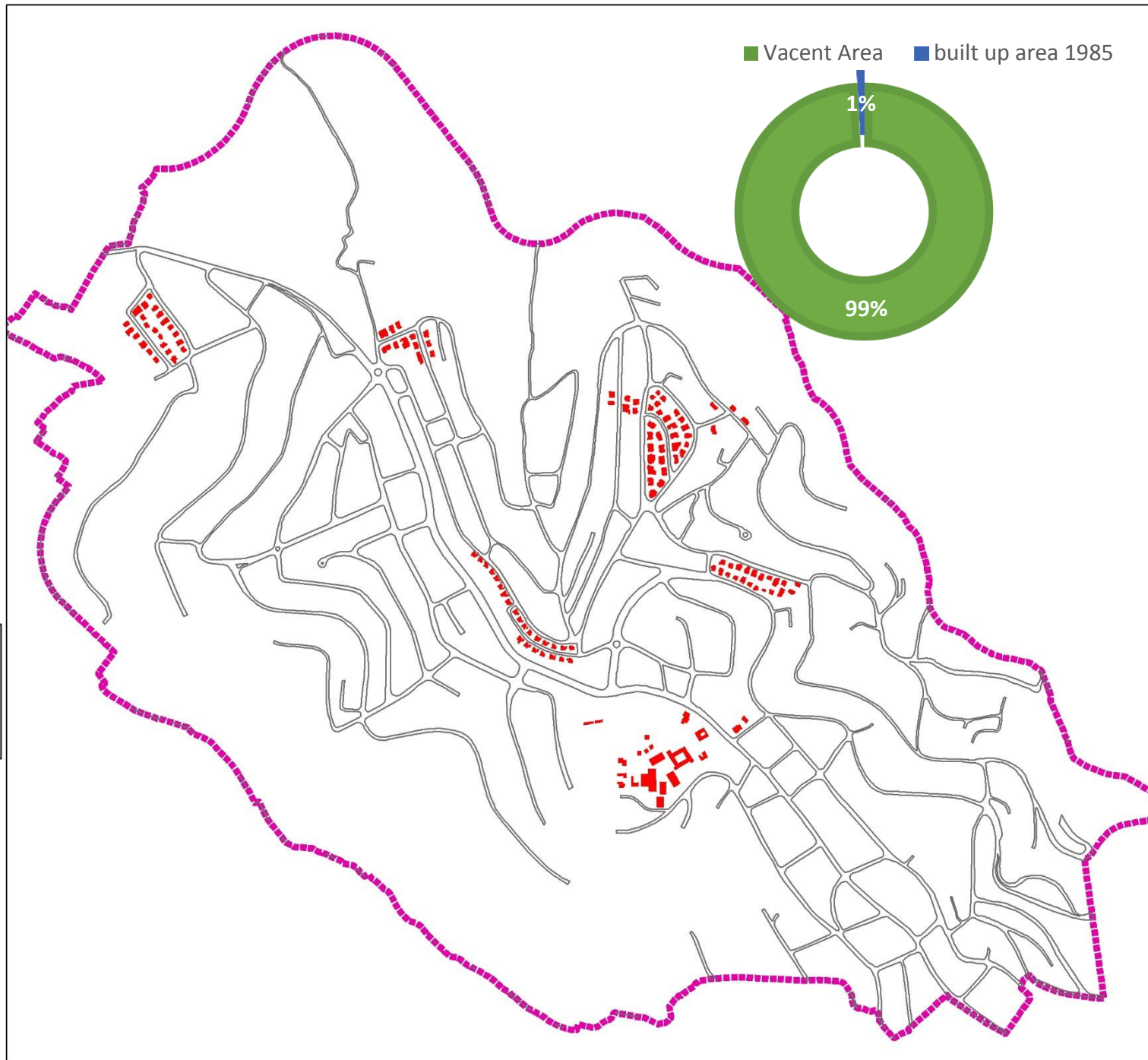
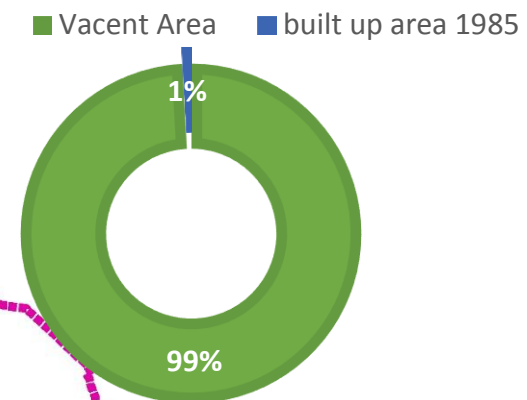
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Built up Area



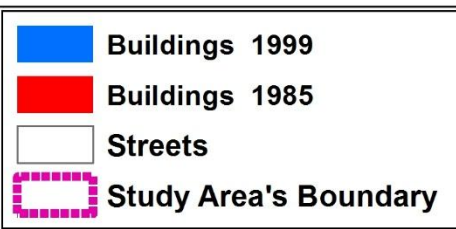
-  Buildings 1985
-  Streets
-  Study Area's Boundary



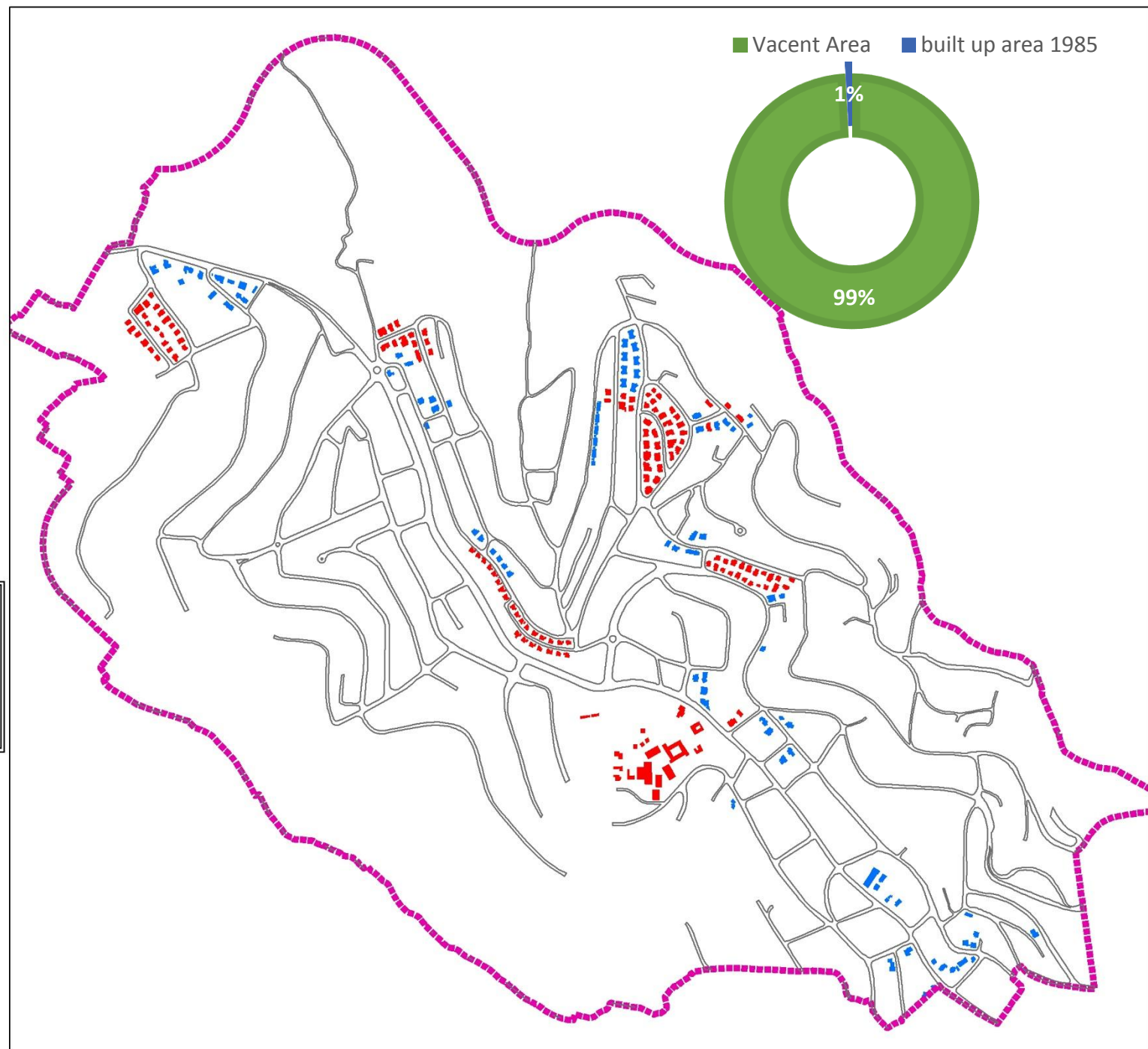


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Built up Area



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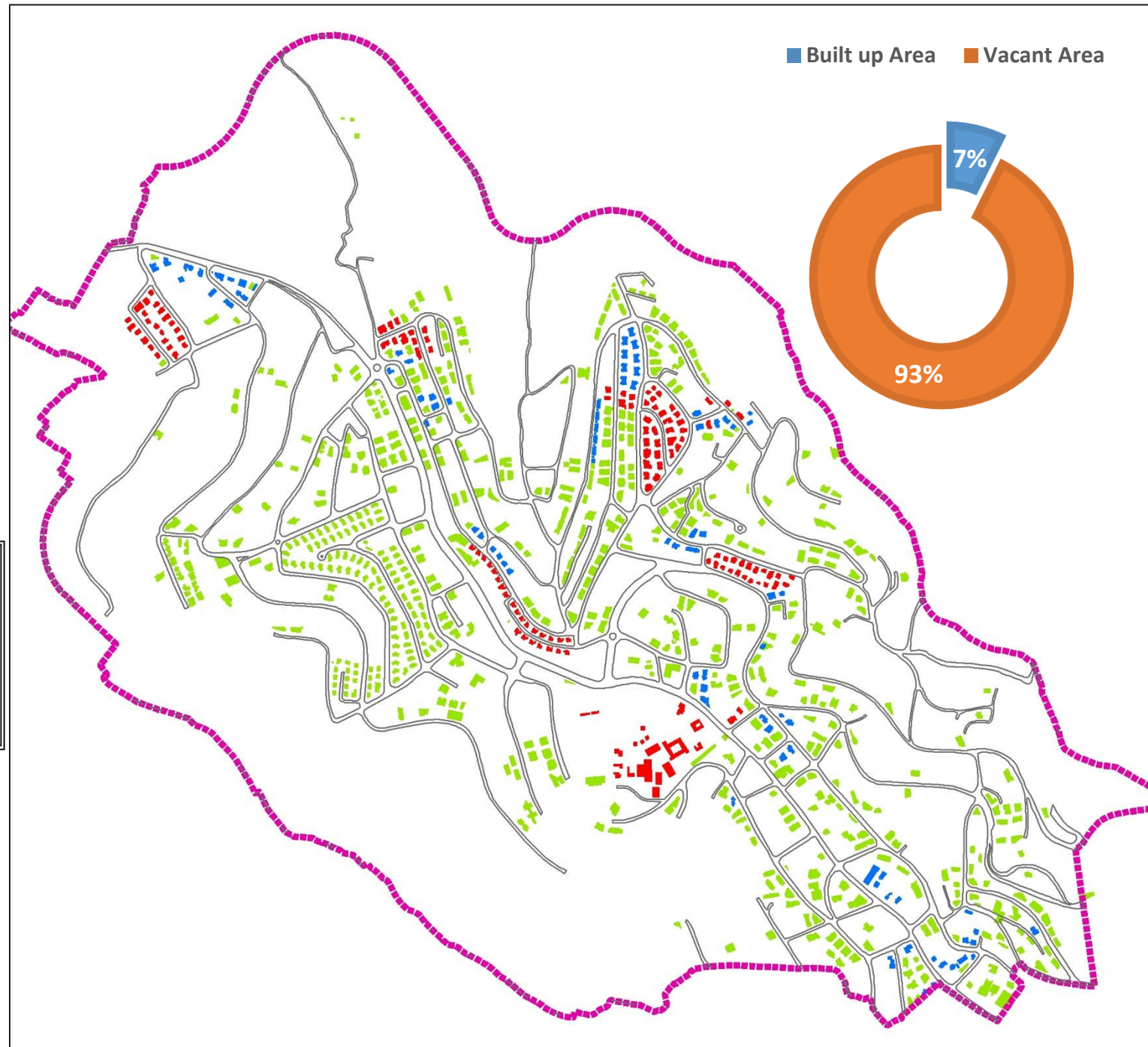
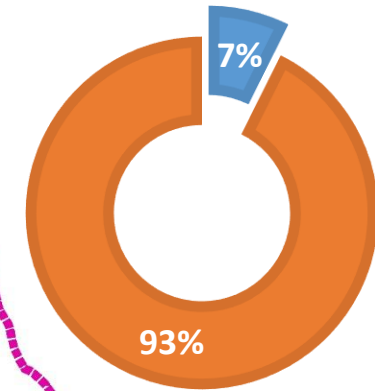
Built up Area



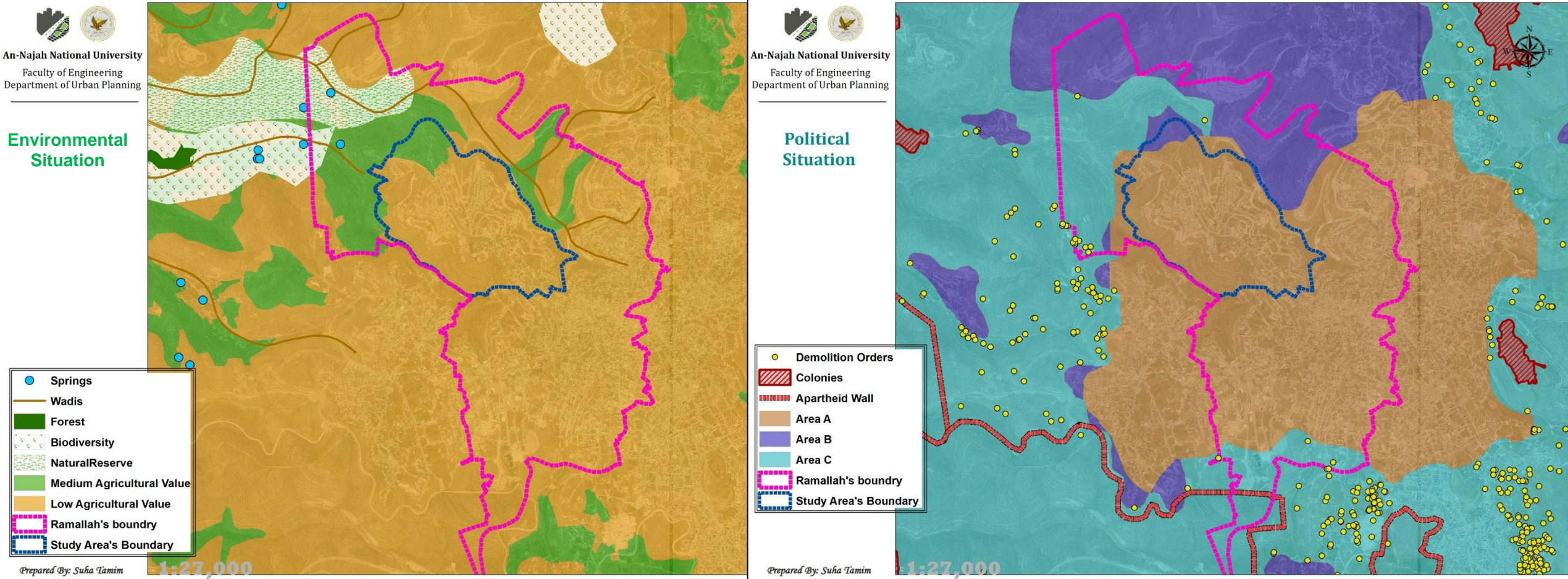
- Buildings 1985**
- Buildings 1999**
- Buildings 2015**
- Streets**
- Study Area's Boundary**

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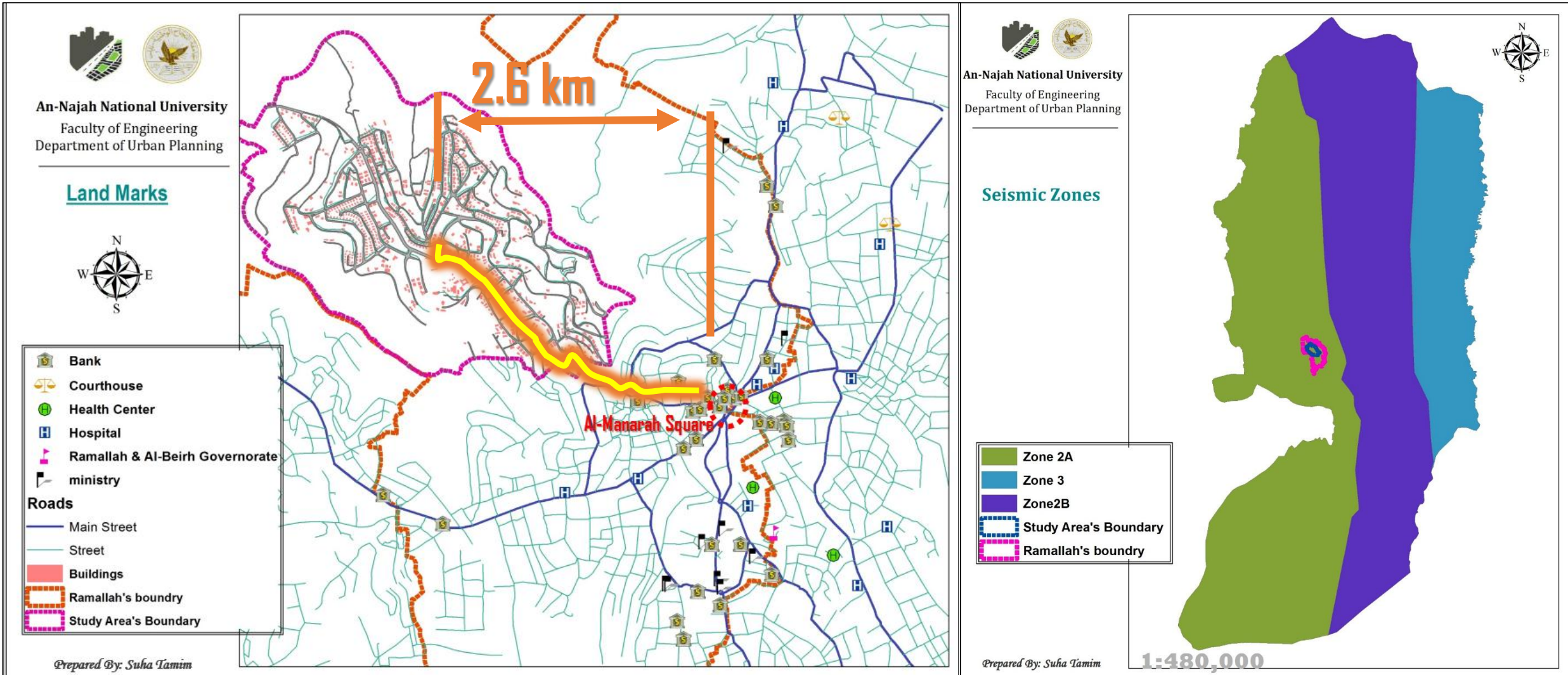
■ Built up Area ■ Vacant Area



Analysis



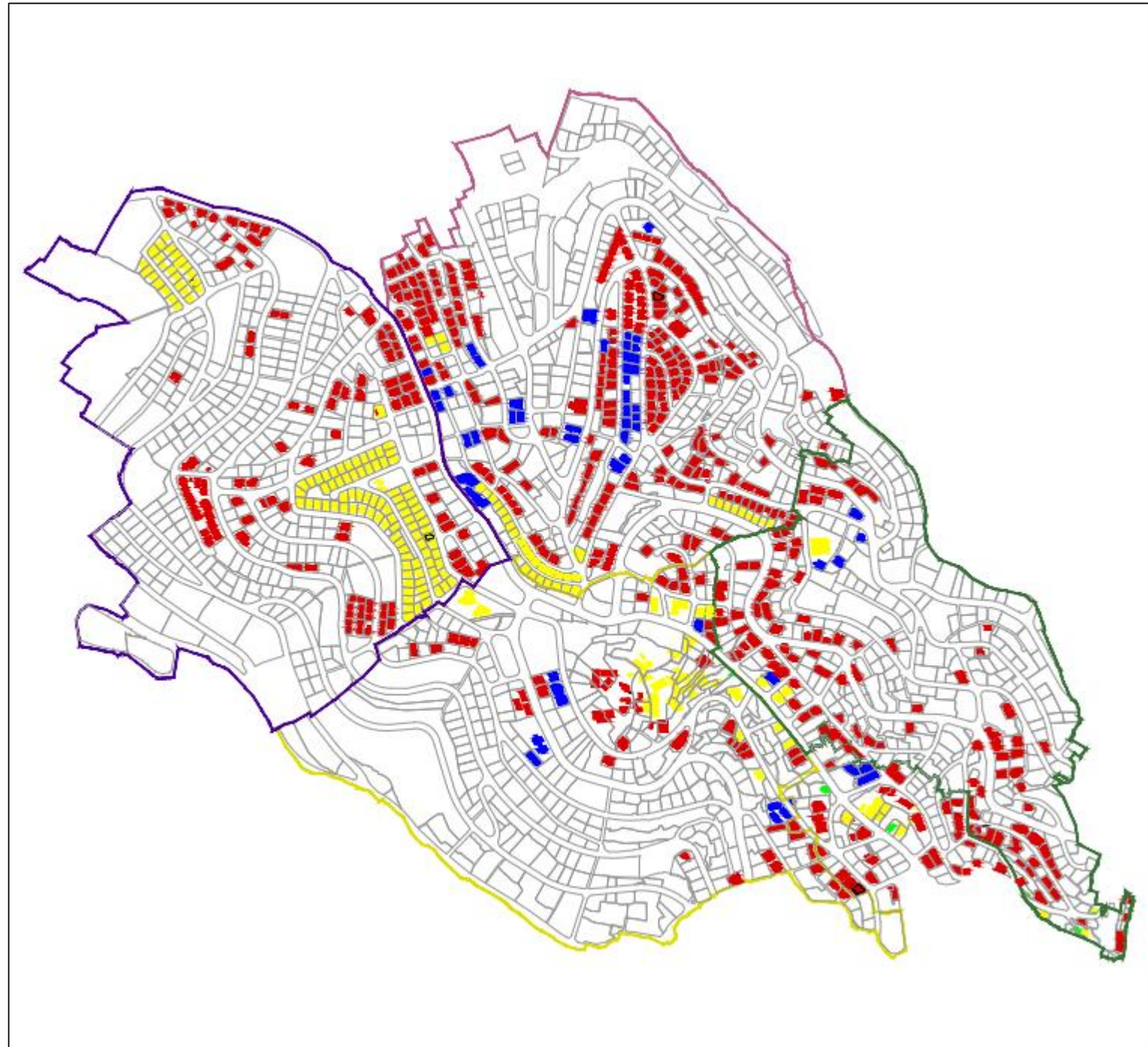
Analysis





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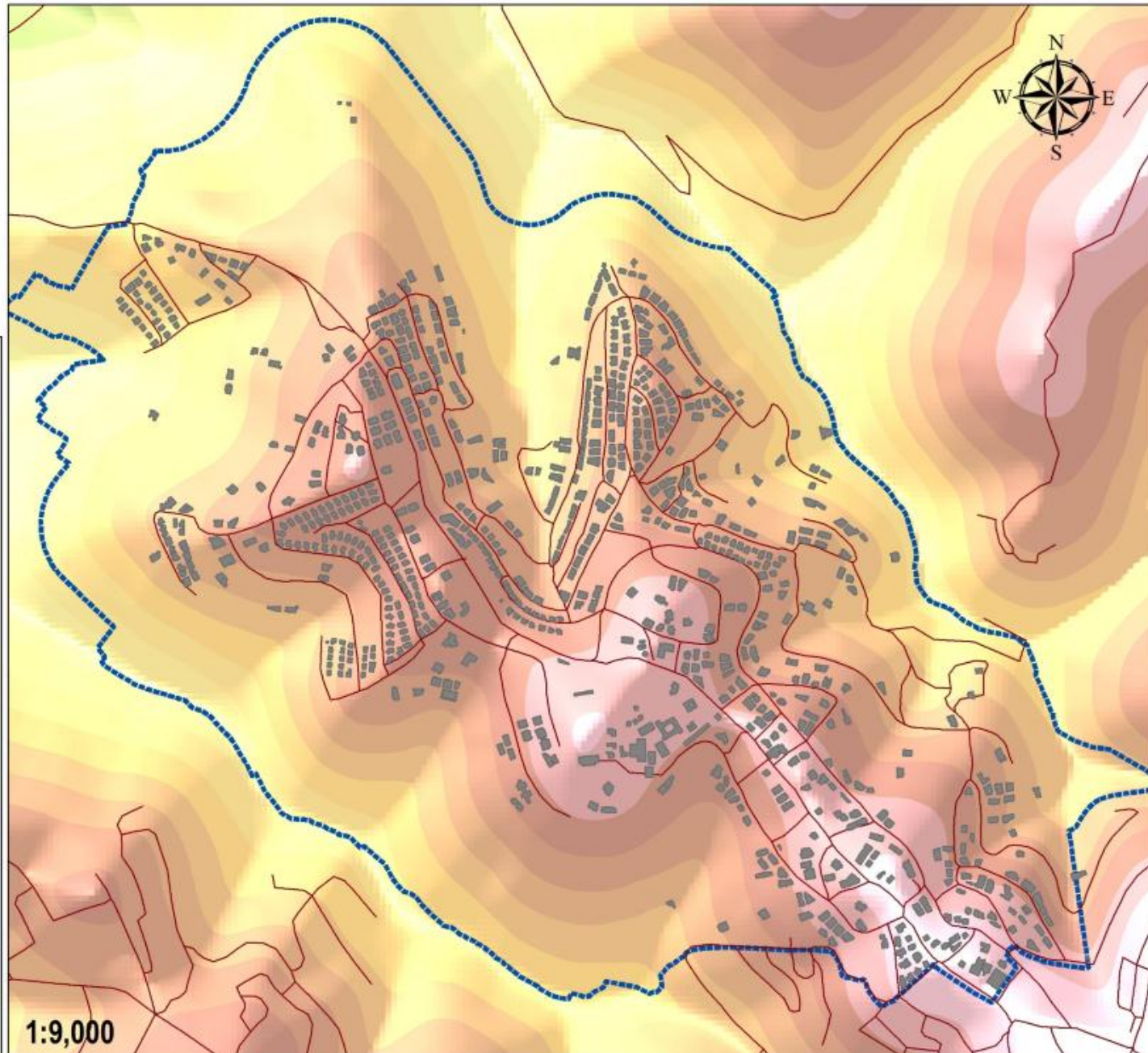
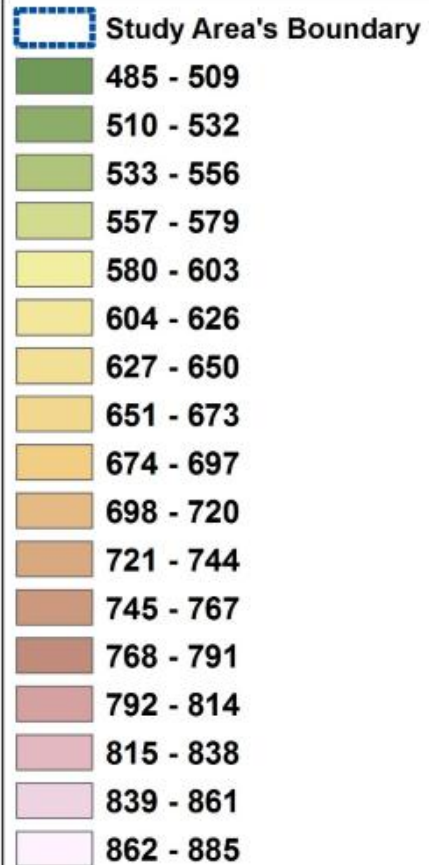
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Topography



Infrastructure

- ✓ Water supply (Complete)
- ✓ Electricity (Complete)
- ✓ Telecommunication (Complete)
- ✓ Sewer System (Almost Complete)

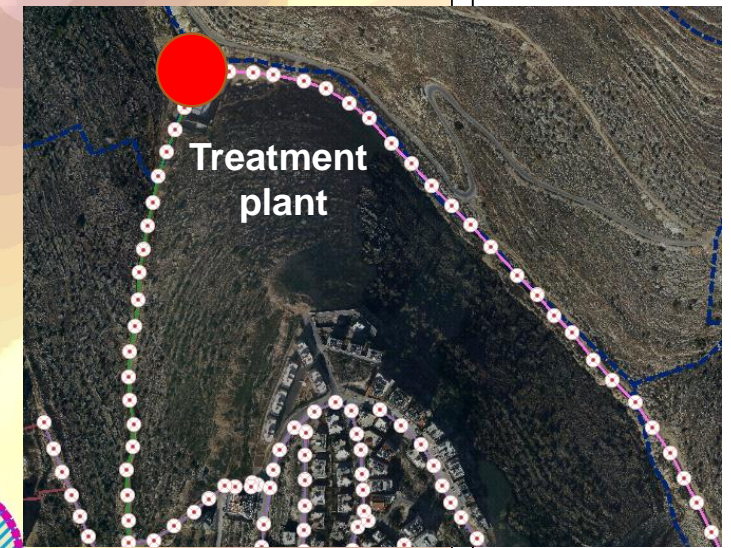
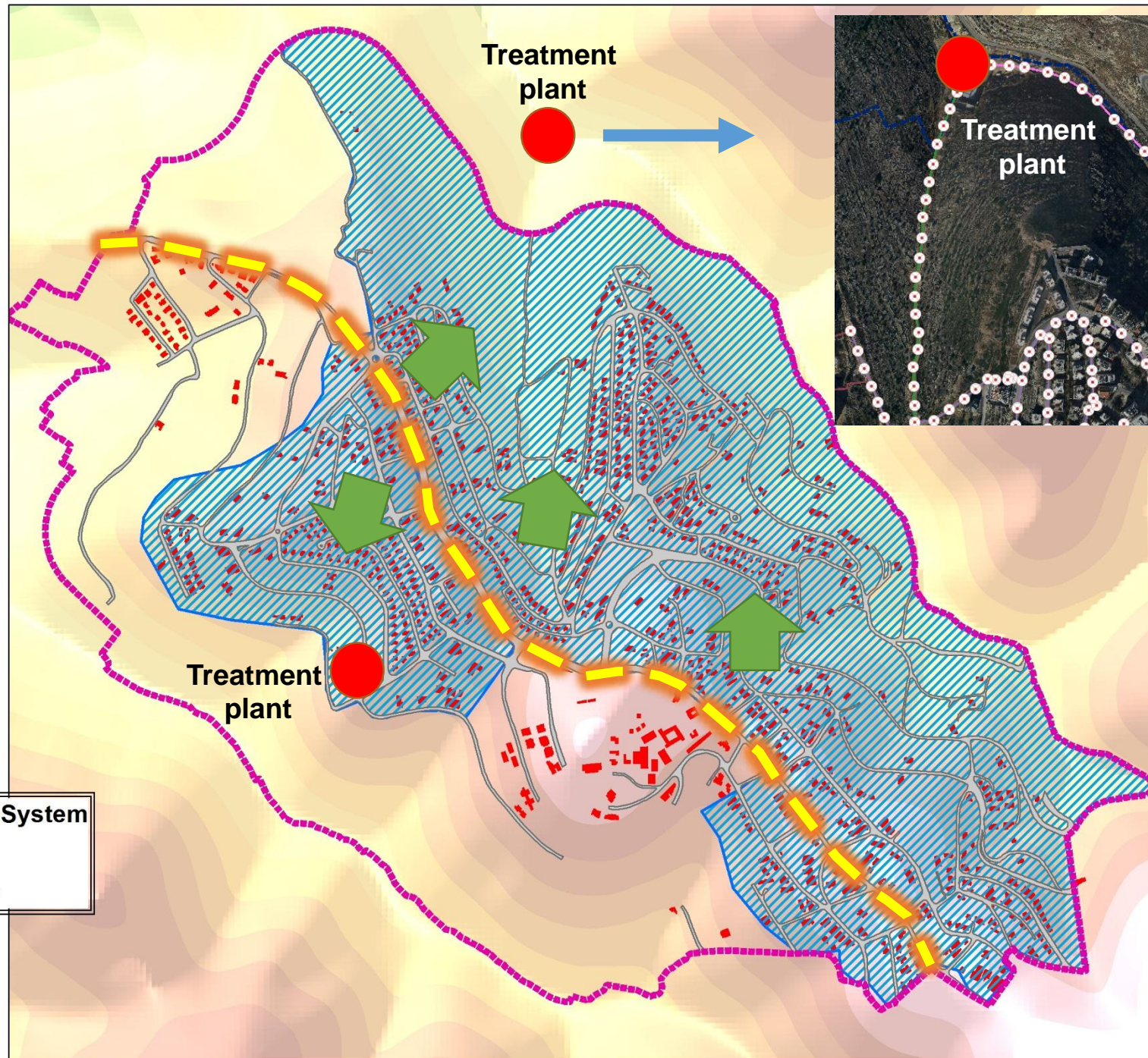


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Sewer System



-  Area Served by Sewer System
-  Buildings
-  Study Area's Boundary



Service	Number
Mosque	1
Taxi Office	4
Supermarket	8
Garden	3
Hotel	2
Schools	5
Kindergarten	6
Bank Services	4
Pharmacy	1
Health Care Service	0
Restaurant and Coffeshop	17

Livability Objectives

- ☀ Neighborhoods will be stronger. Every neighborhood will have attractive, comfortable local shopping streets.
- ☀ It will be easier to get where you need to be and spend less money on transportation.





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The Scope of The Mosque



Mosque



The Scope of The Mosque



Buildings



Women Society College

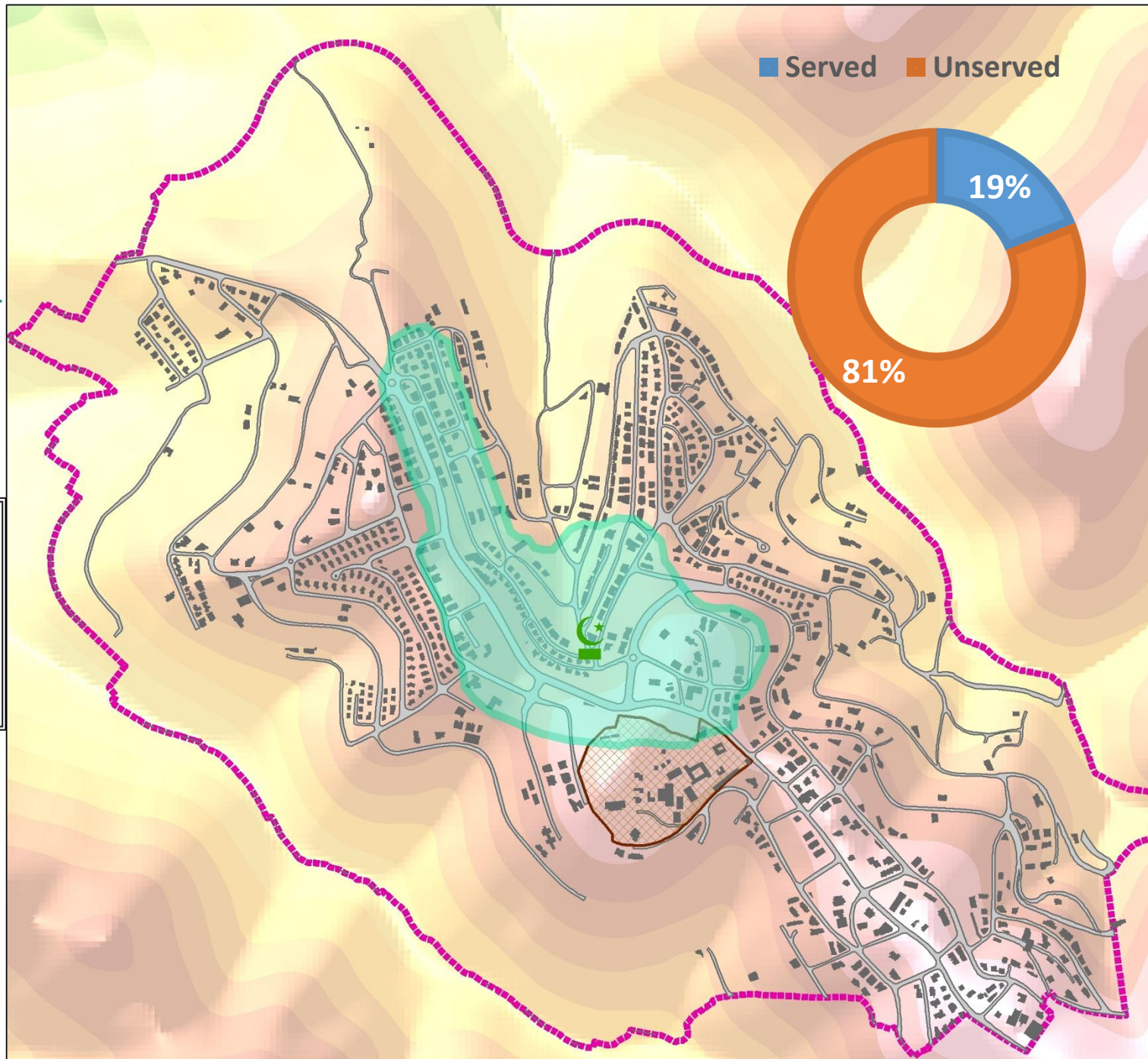
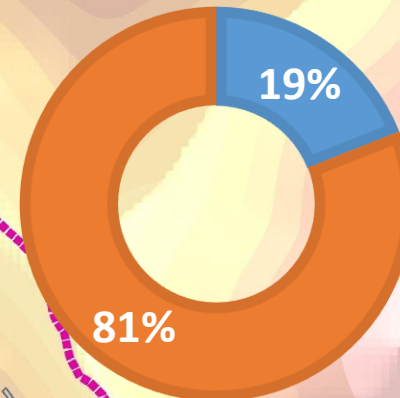


Study Area's Boundary

15 mins OR 500m

Prepared By: Suhia Tamim

■ Served ■ Unserved





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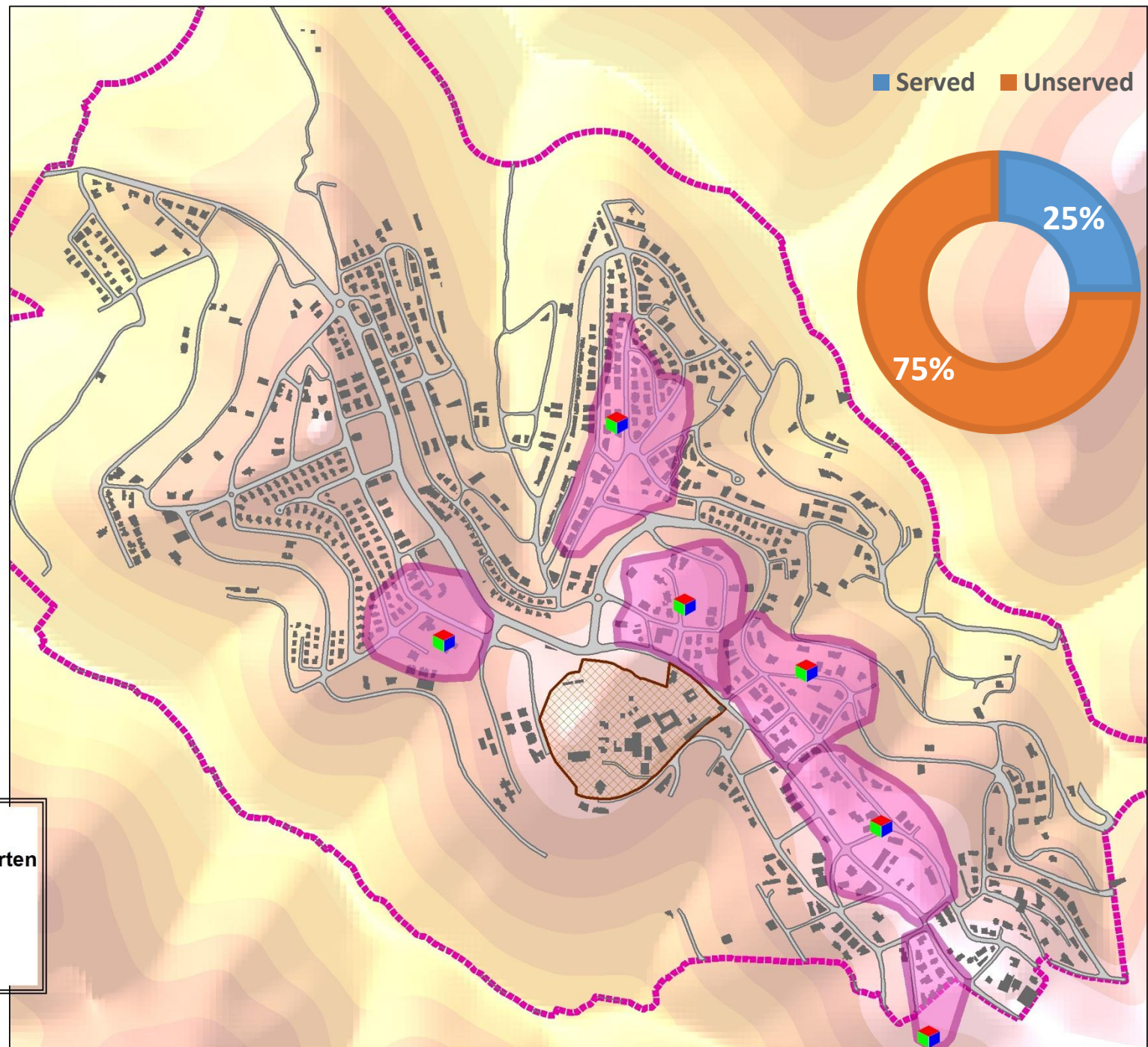
The Scope of The Kindergarten



200m



Prepared By: Suha Tamim





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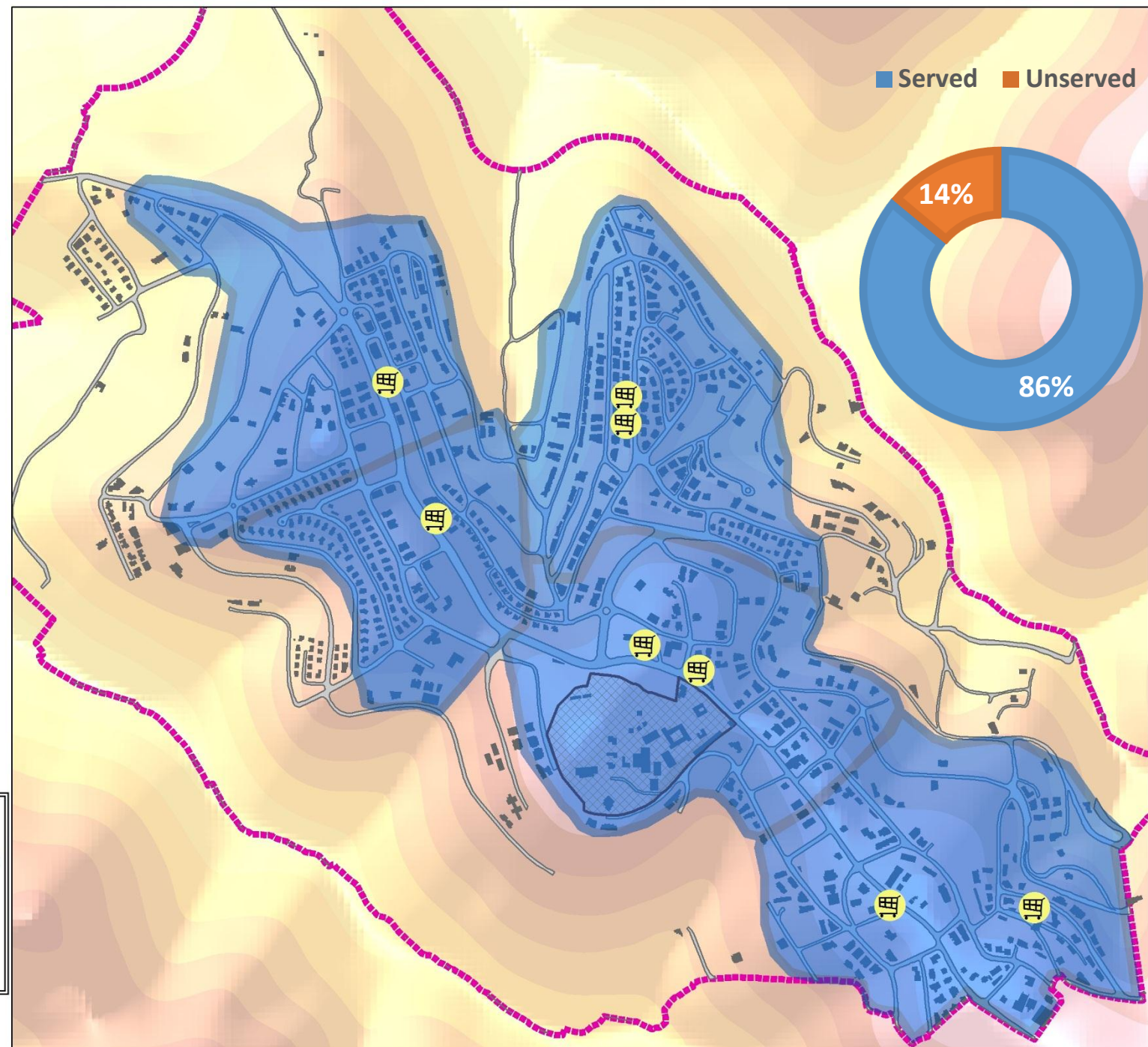
The Scope of The Supermarket



15 mins OR 500m



Prepared By: Suha Tamim



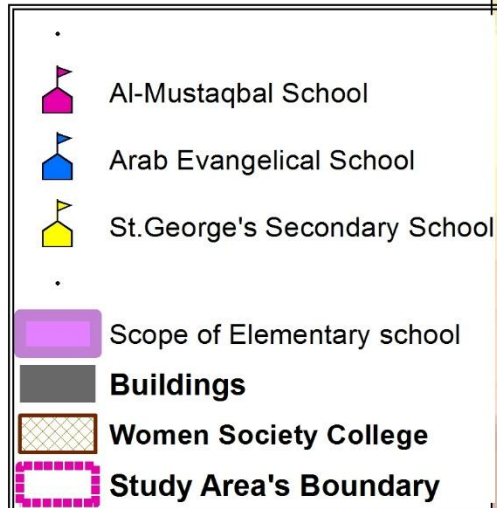


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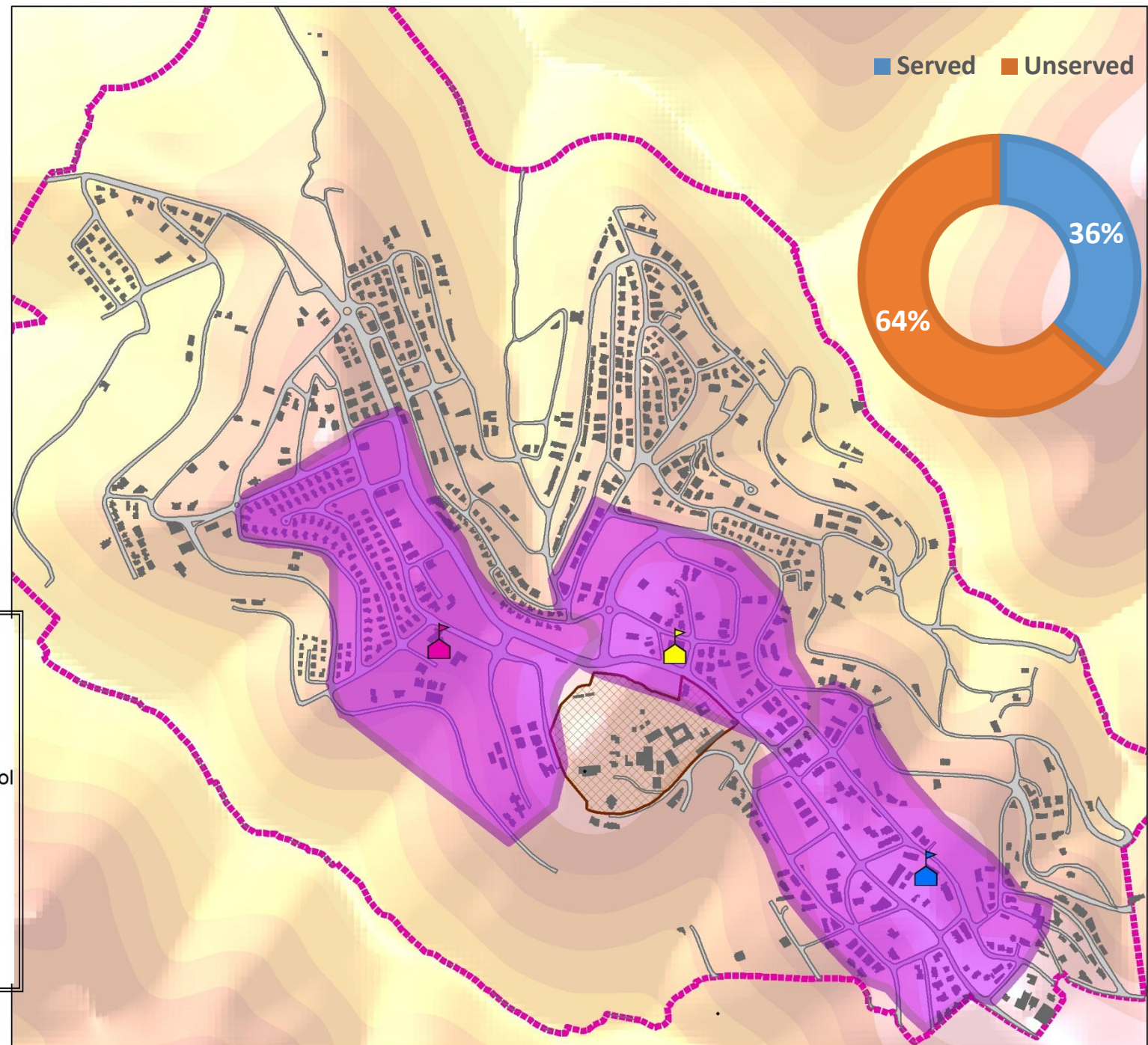
The Scope of The Elementary schools



500m - 600m



Prepared By: Suha Tamim



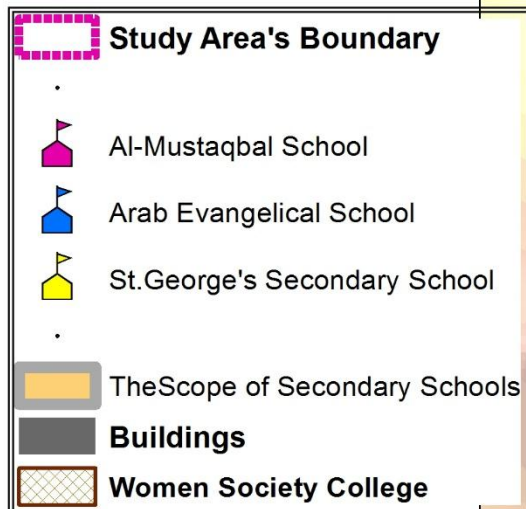


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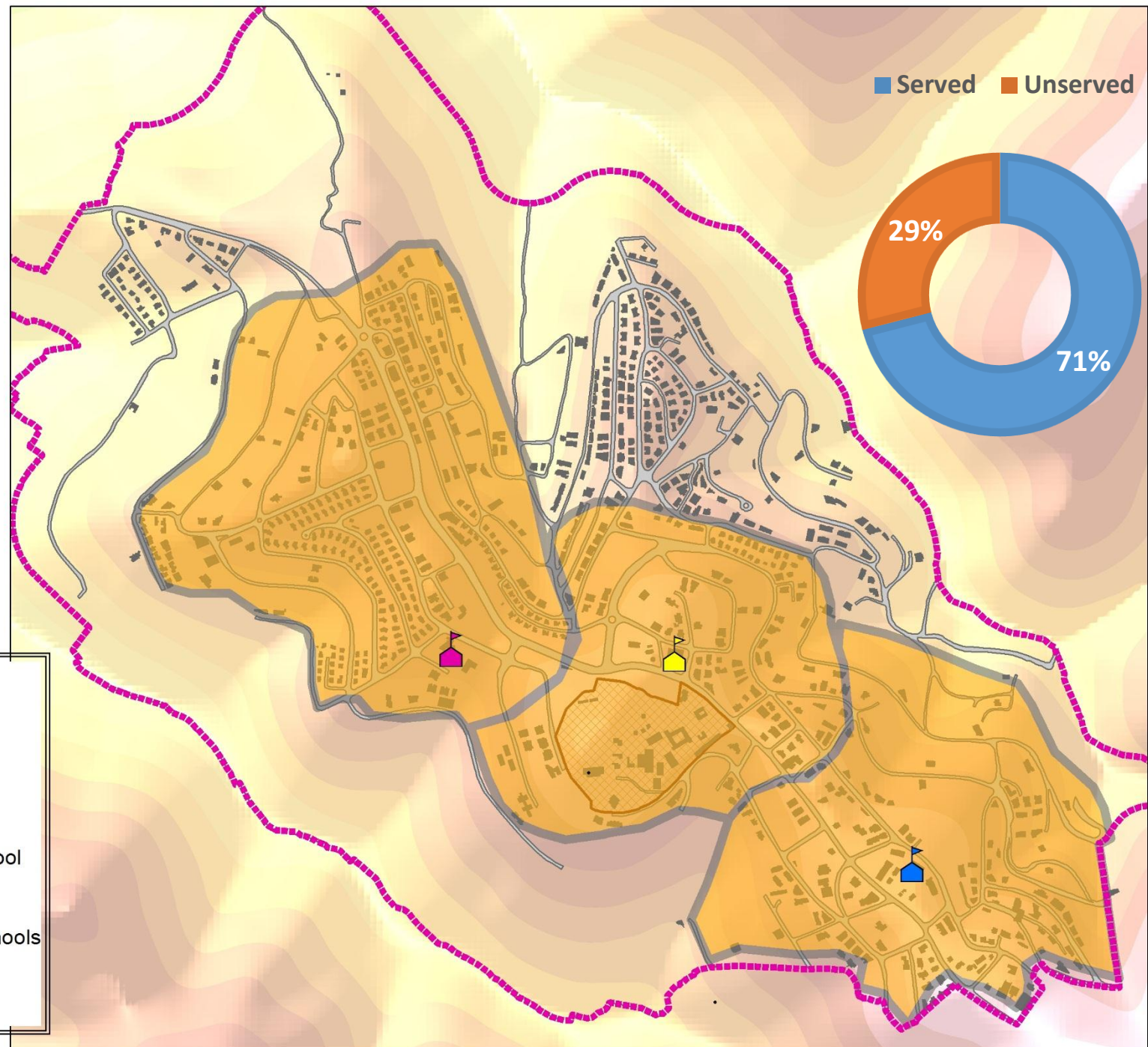
The Scope of The Secondary schools



1000m



Prepared By: Suha Tamim









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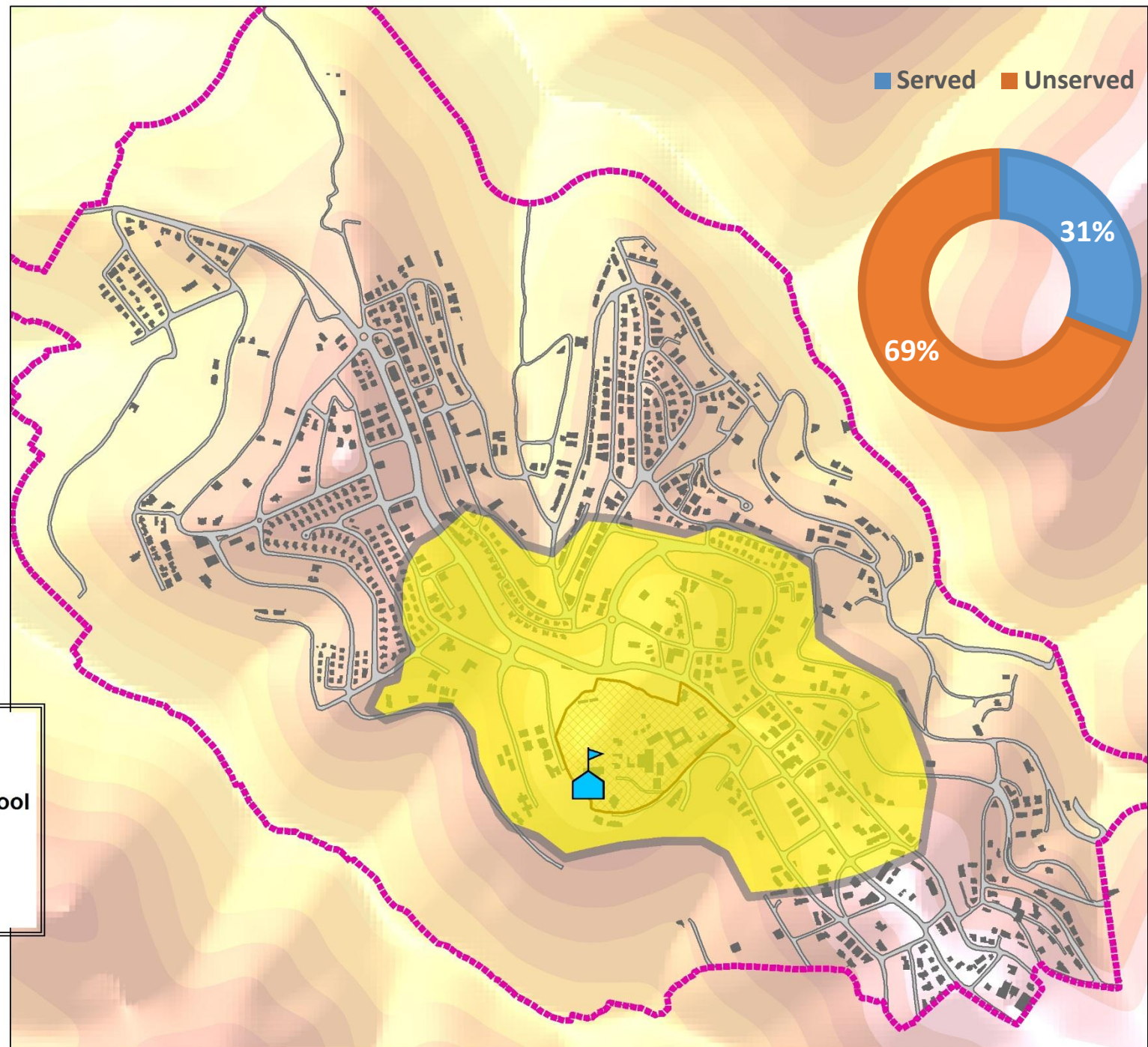
The Scope of The UNRWA school



1000- 1500m

-  **UNRWA School for Girls**
-  **The Scop of UNRWA School**
-  **Study Area's Boundary**
-  **Buildings**
-  **Women Society College**

Prepared By: Suha Tamim



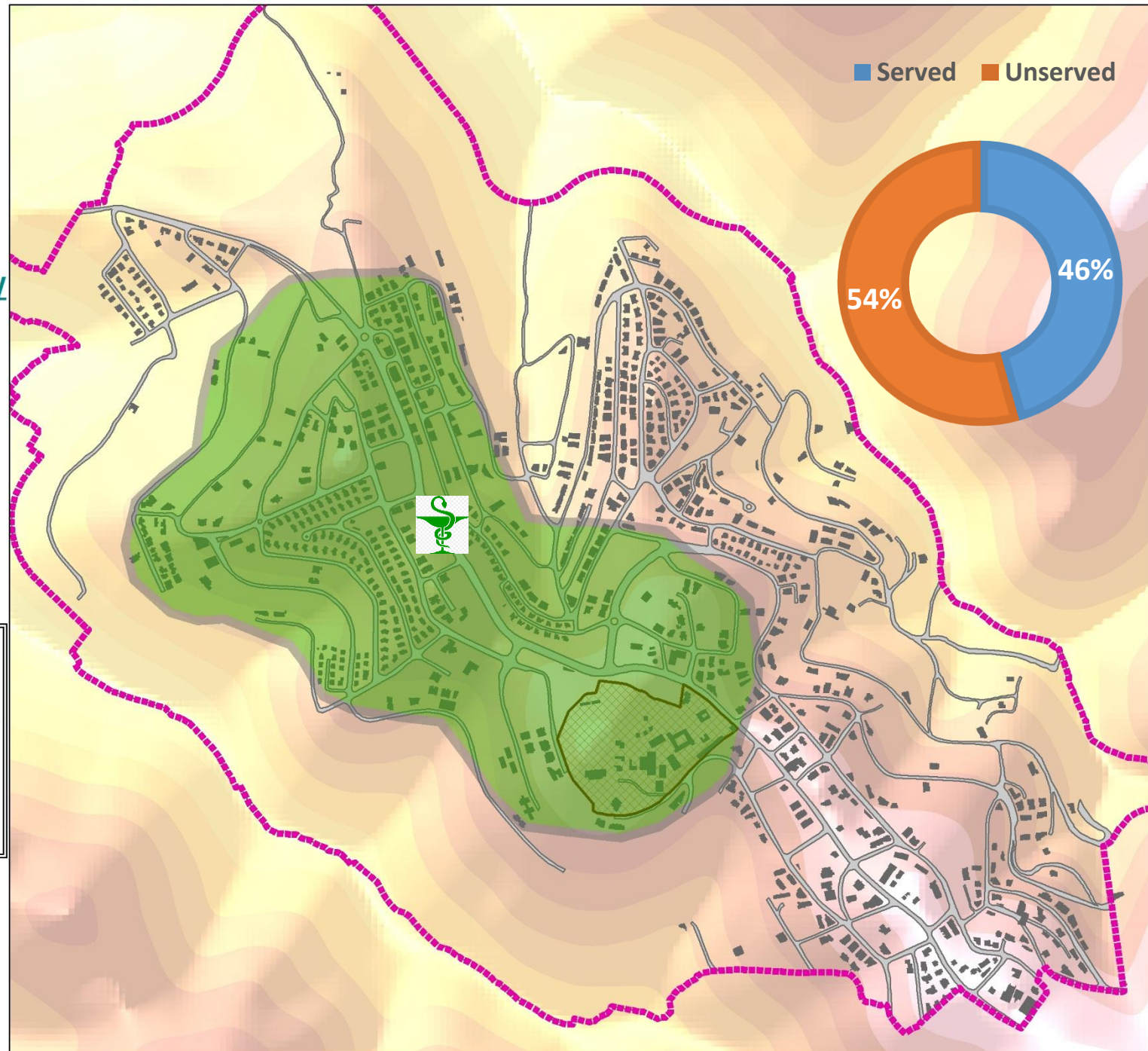


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The Scope of The Pharmacy



15 min – 20 min





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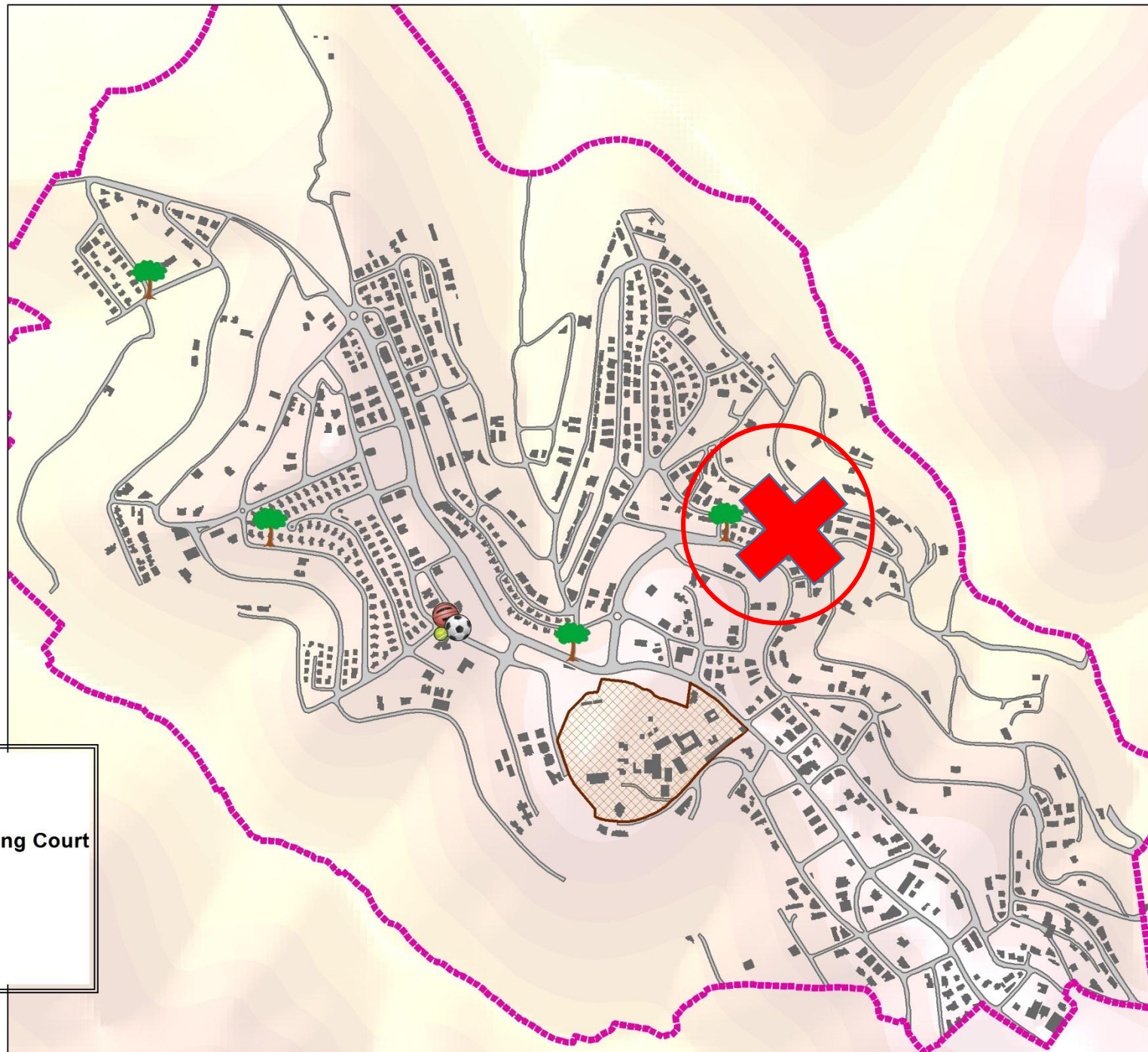
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Recreational Services



-  Garden
-  Ramalla Municipality's Playing Court
-  Study Area's Boundary
-  Buildings
-  Women Society College

Prepared By: Suha Tamim

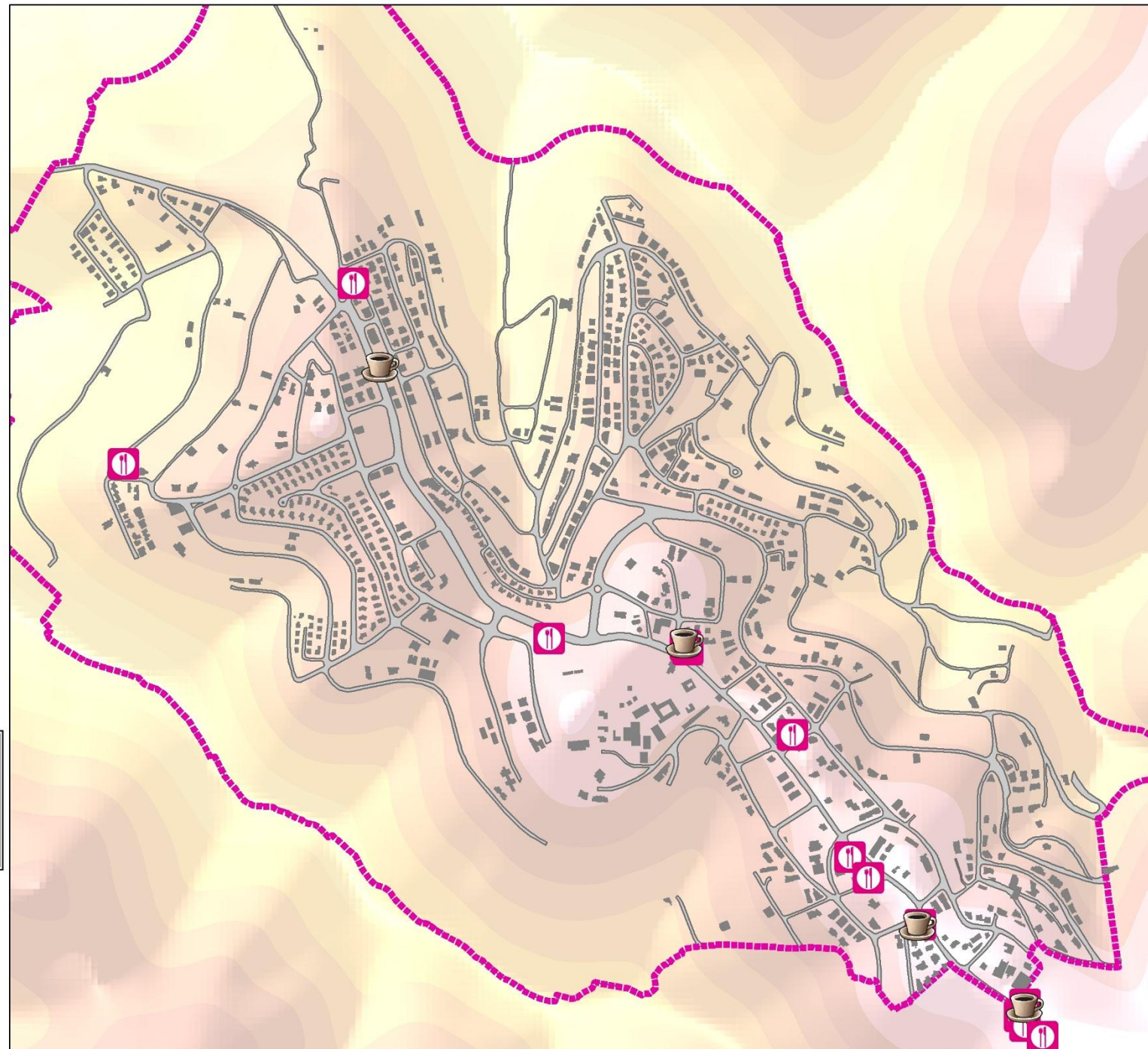




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Resturents & Coffeshops












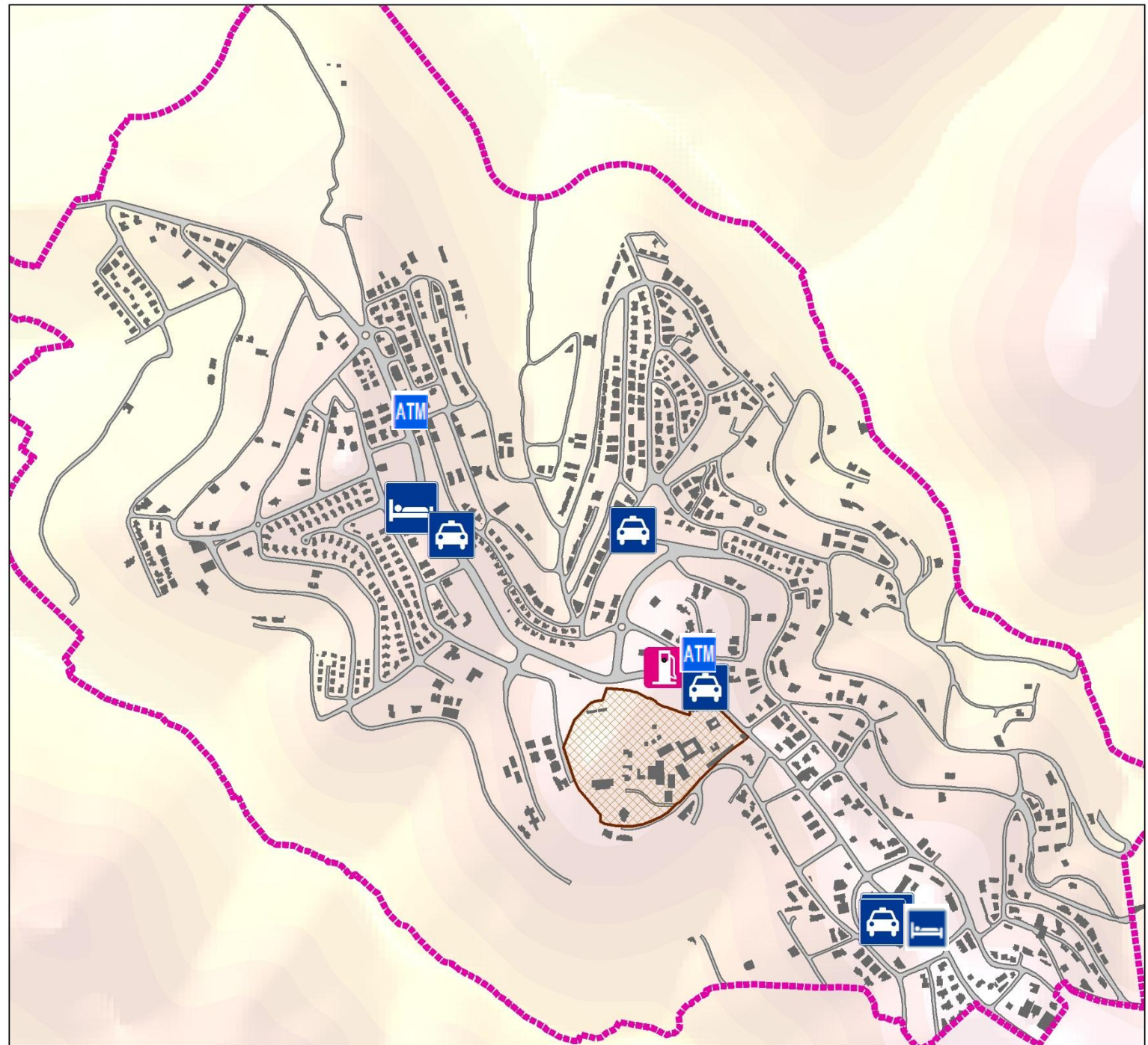
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Other Services



	ATM
	Gaz Station
	Hotel
	Taxi Office
	Study Area's Boundary
	Buildings
	Women Society College

Prepared By: Suha Tamim



Large Gap!

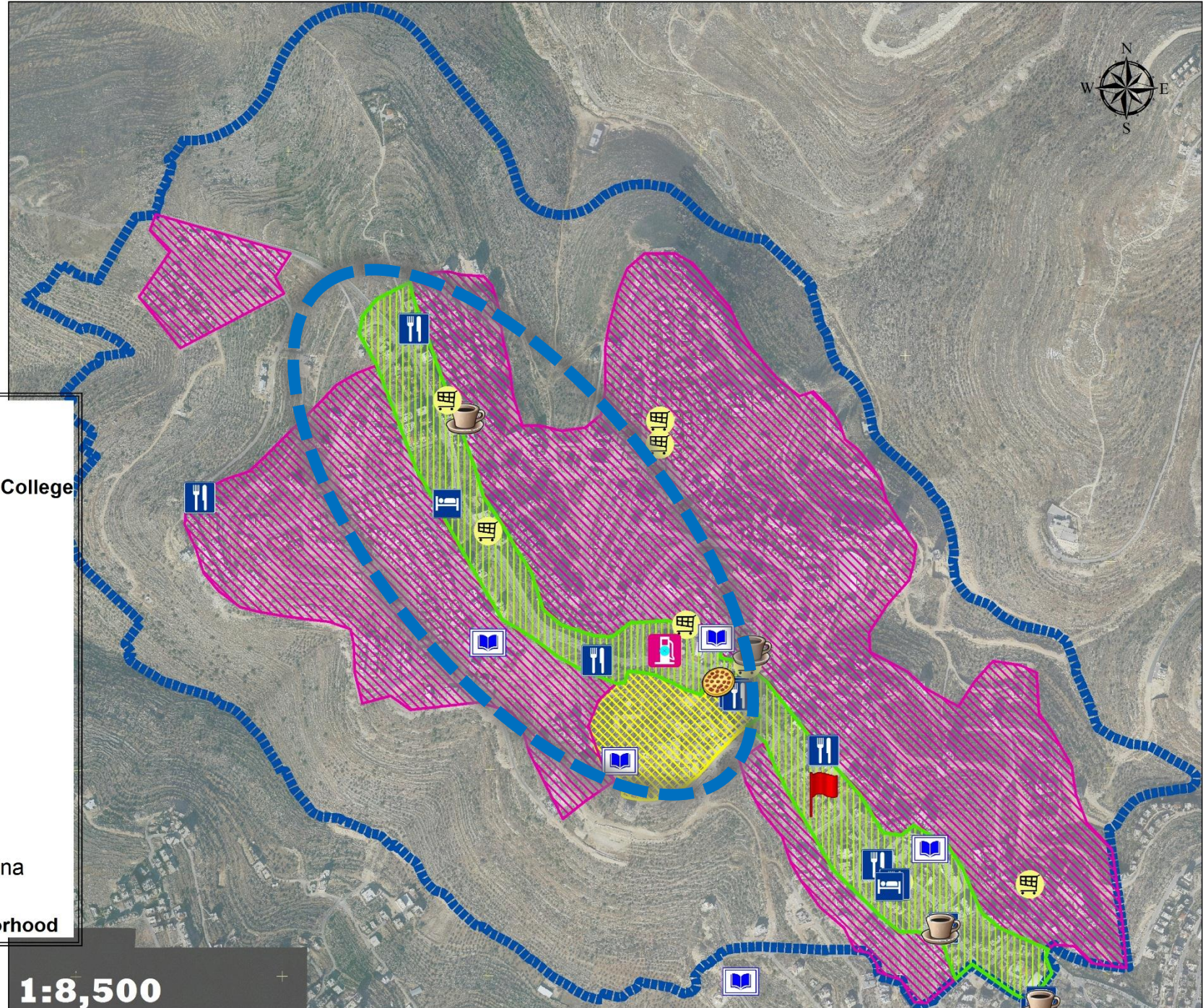
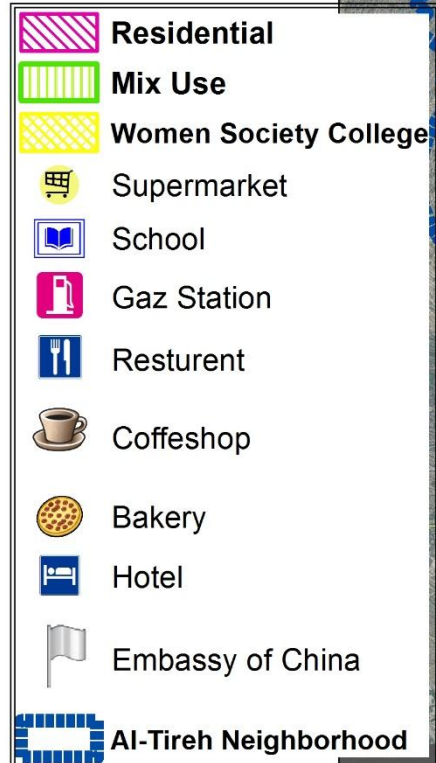
Why?

Area = 3833097 m² = 3.8 Km²

Population more than 12,000



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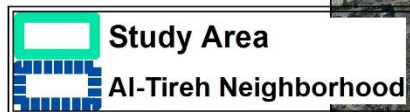




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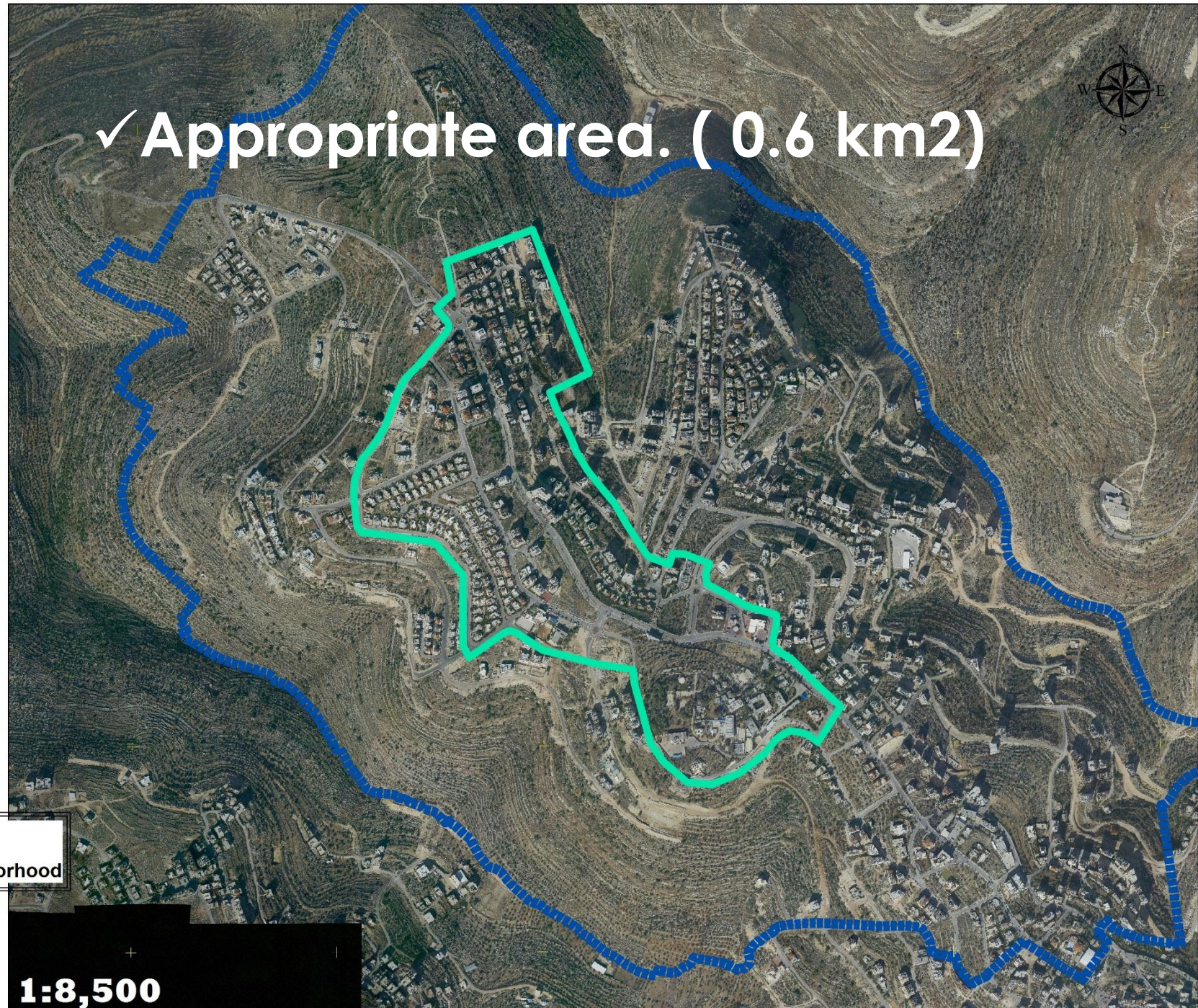
Selected
Area

✓ Appropriate area. (0.6 km²)



Prepared By: Suhia Tamim

1:8,500





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George
Habash
Square



1:5,000

Prepared By: Sufia Tamim



criteria				standard	
1	The buffer of the main services	schools	Kindergarten	200 m	
			Elementary	500m/15 min	
			Secondary	1000 m	
		Health care			15 min – 20 min
		Mosque			15 min / 500 m
		Supermarket			15 min / 500 m
		Park			20 min
2	Affordable housing			Affordable housing	
3	Walkability	Sidewalk		90%	
		Lighting		100%	
		Quietness		90%	
		Hygiene		100%	
		Greenery		85%	
		Sorting trash container		100%	
4	Shared Transportation			strong	

1. The buffer of the main services (schools)

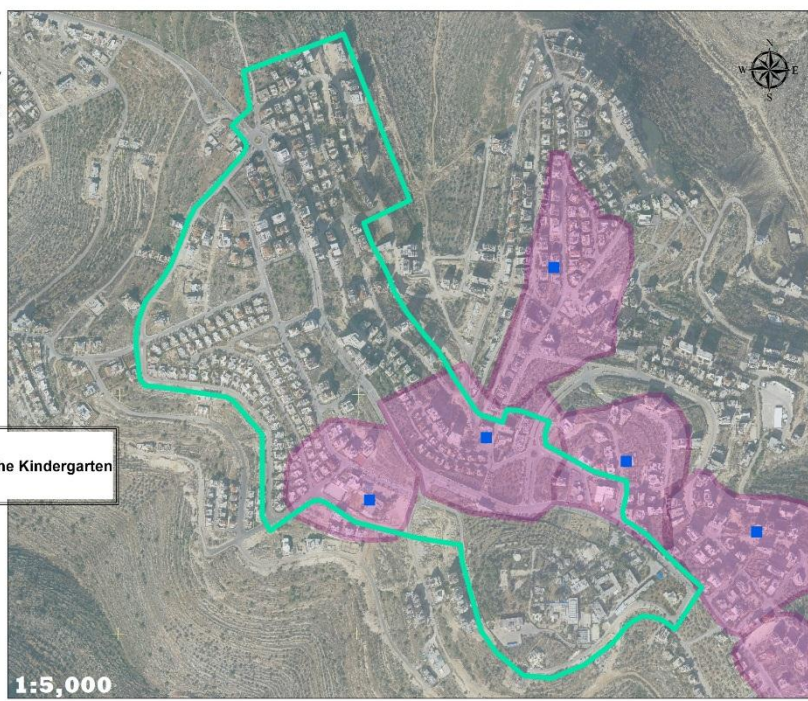


1

- kindergarten
- The scope of the Kindergarten
- Study Area

1:5,000

Prepared By: Suha Tamim

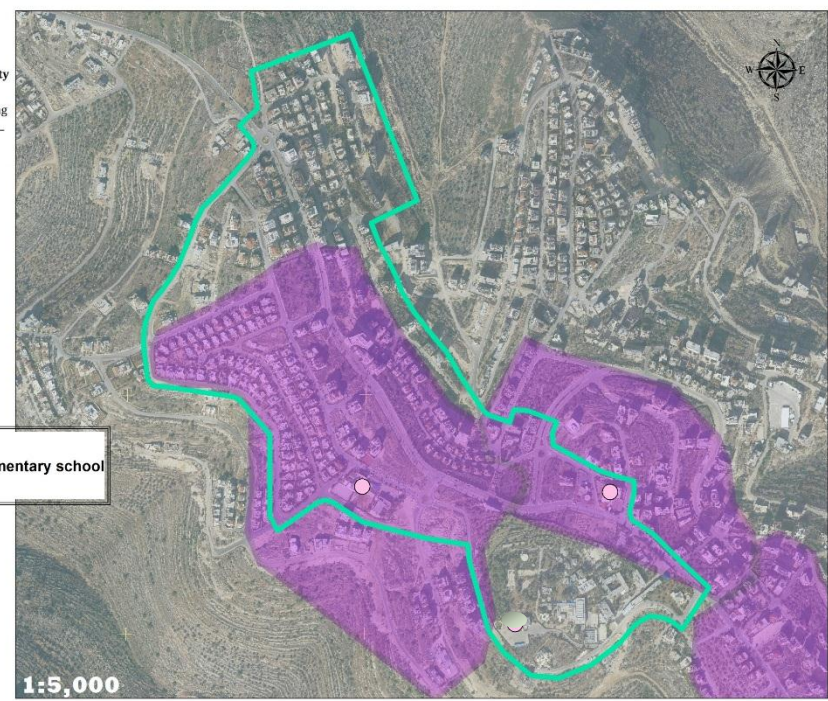


2

- privet school
- Scope of Elementary school
- Study Area

1:5,000

Prepared By: Suha Tamim

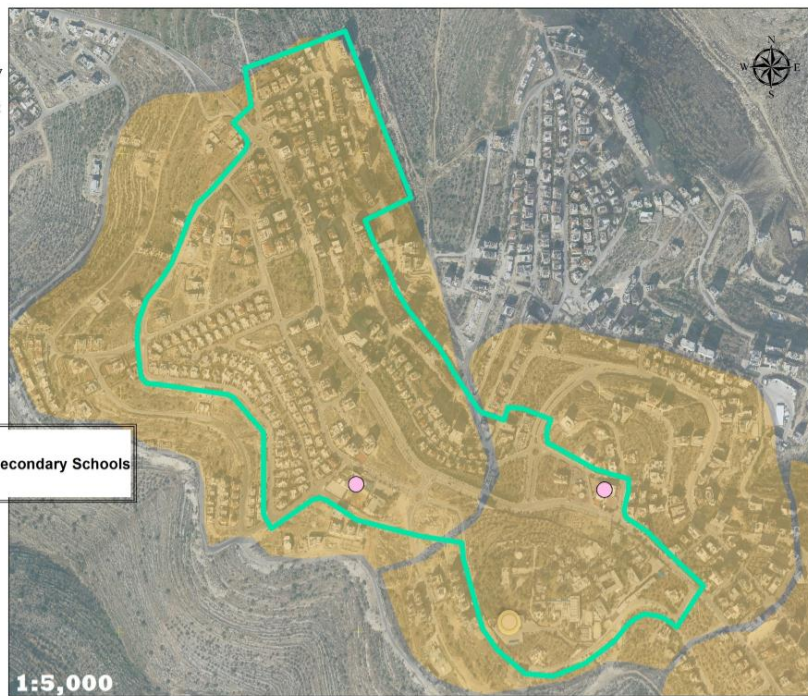


3

- privet school
- TheScope of Secondary Schools
- Study Area

1:5,000

Prepared By: Suha Tamim

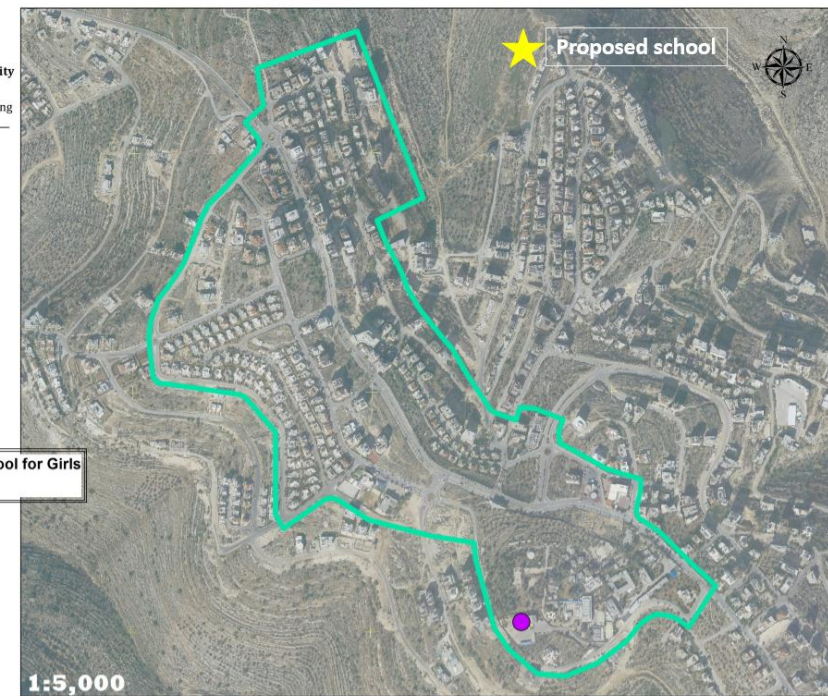


4

- UNRWA School for Girls
- Study Area

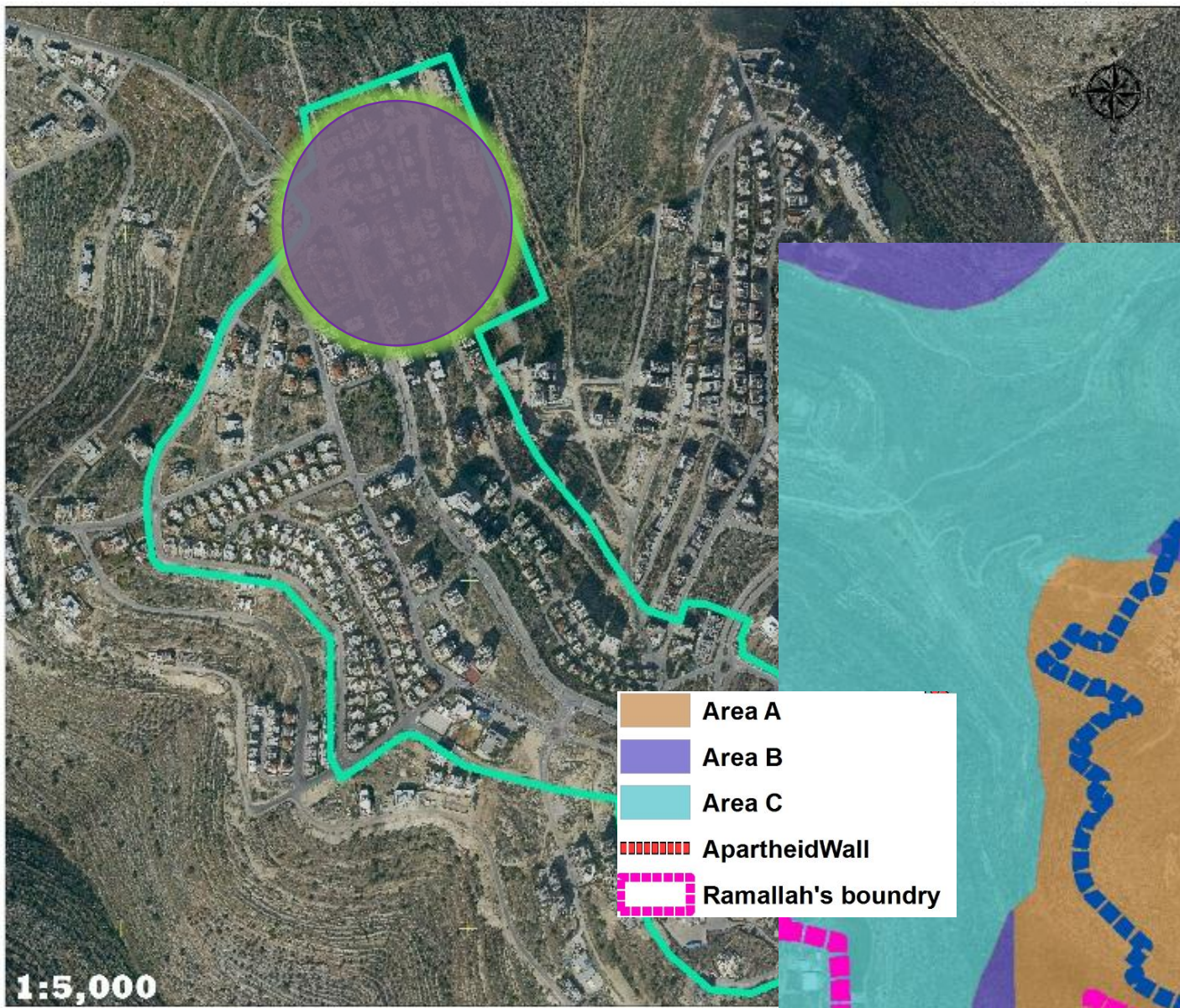
1:5,000

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Study Area



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But!



1 Elementary School needed

1. The buffer of the main services(Health Care)

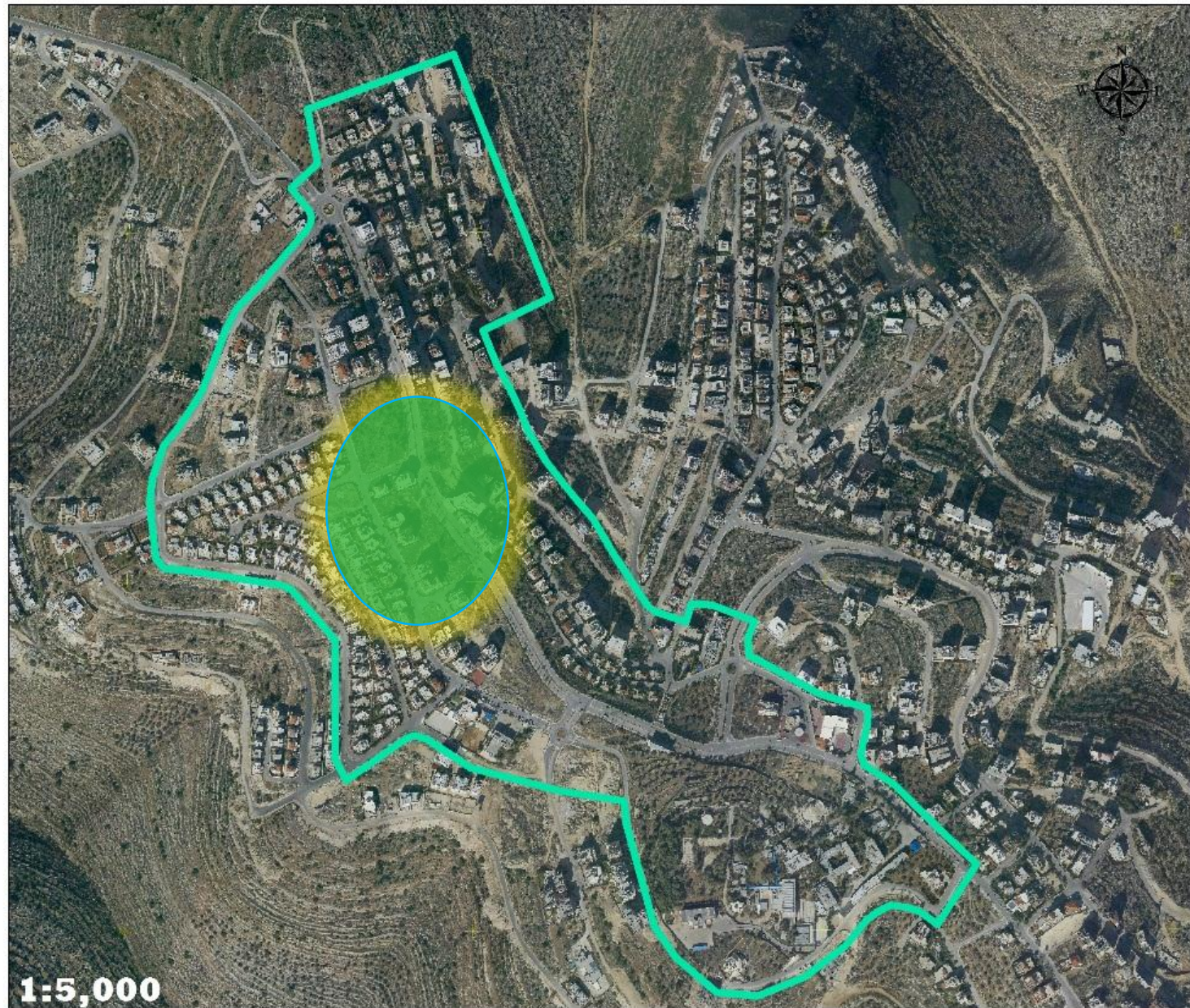




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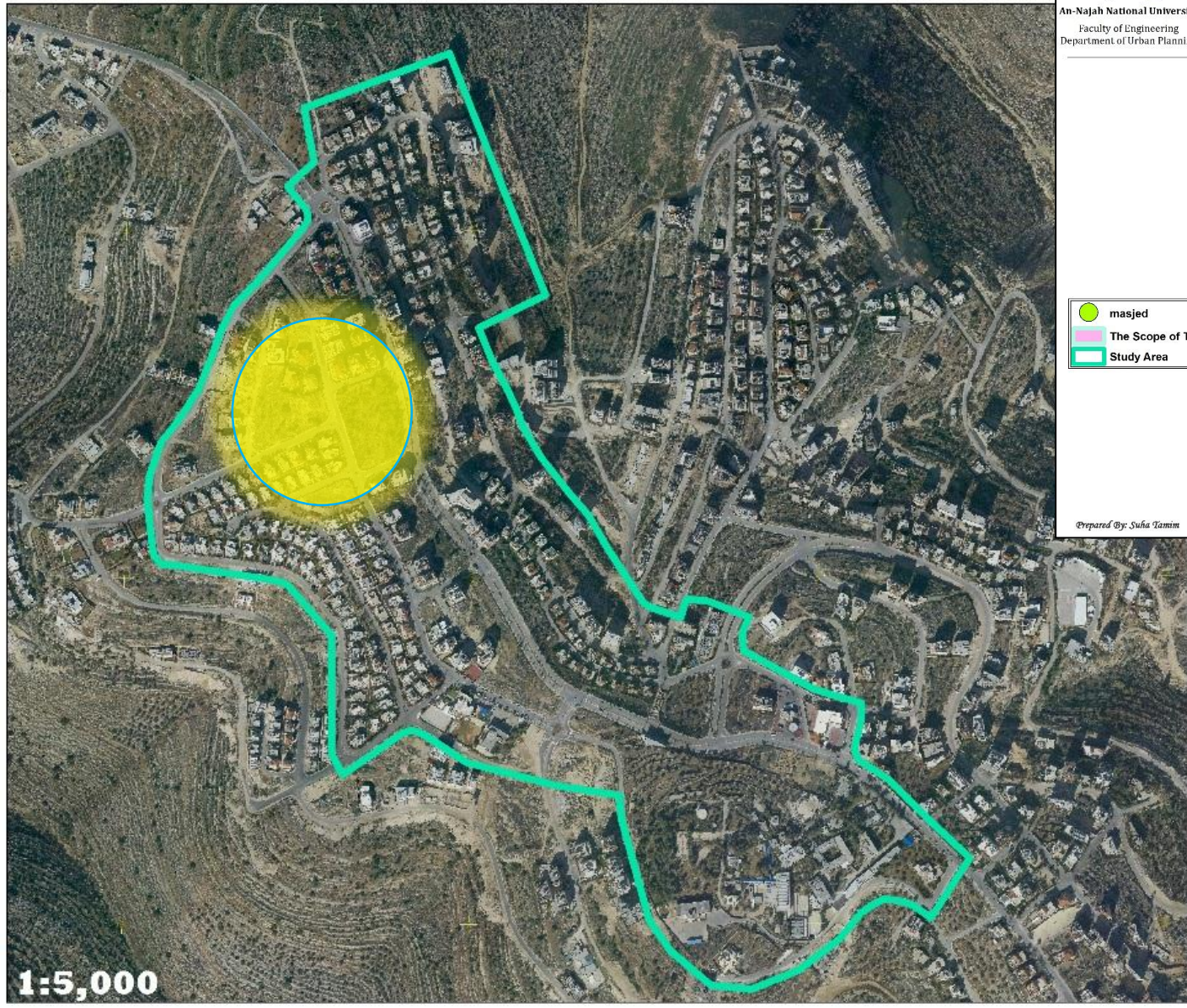
1 Health Care Center needed

1. The buffer of the main services (Mosque)








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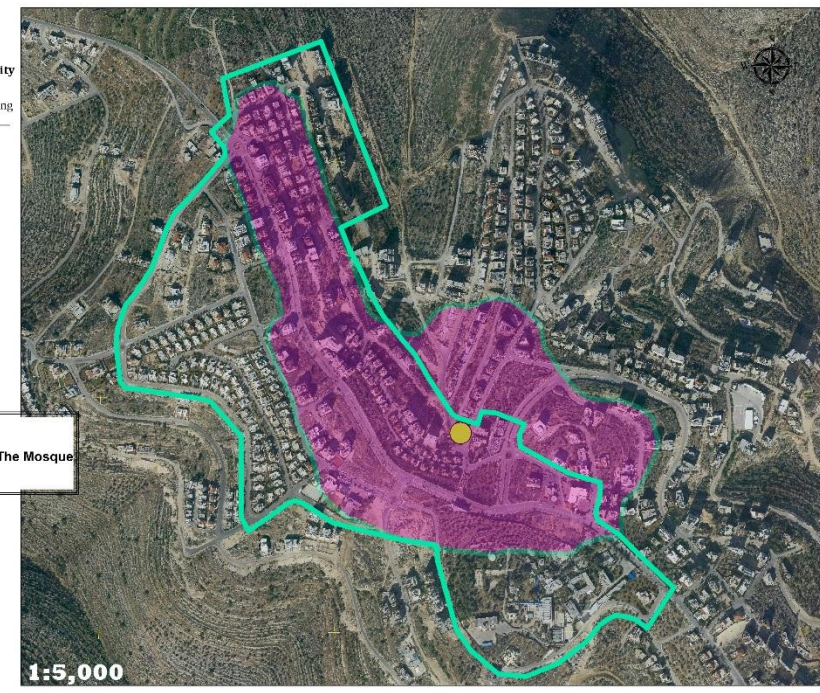
 Study Area

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 The Scope of The Mosque
 Study Area

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1:5,000

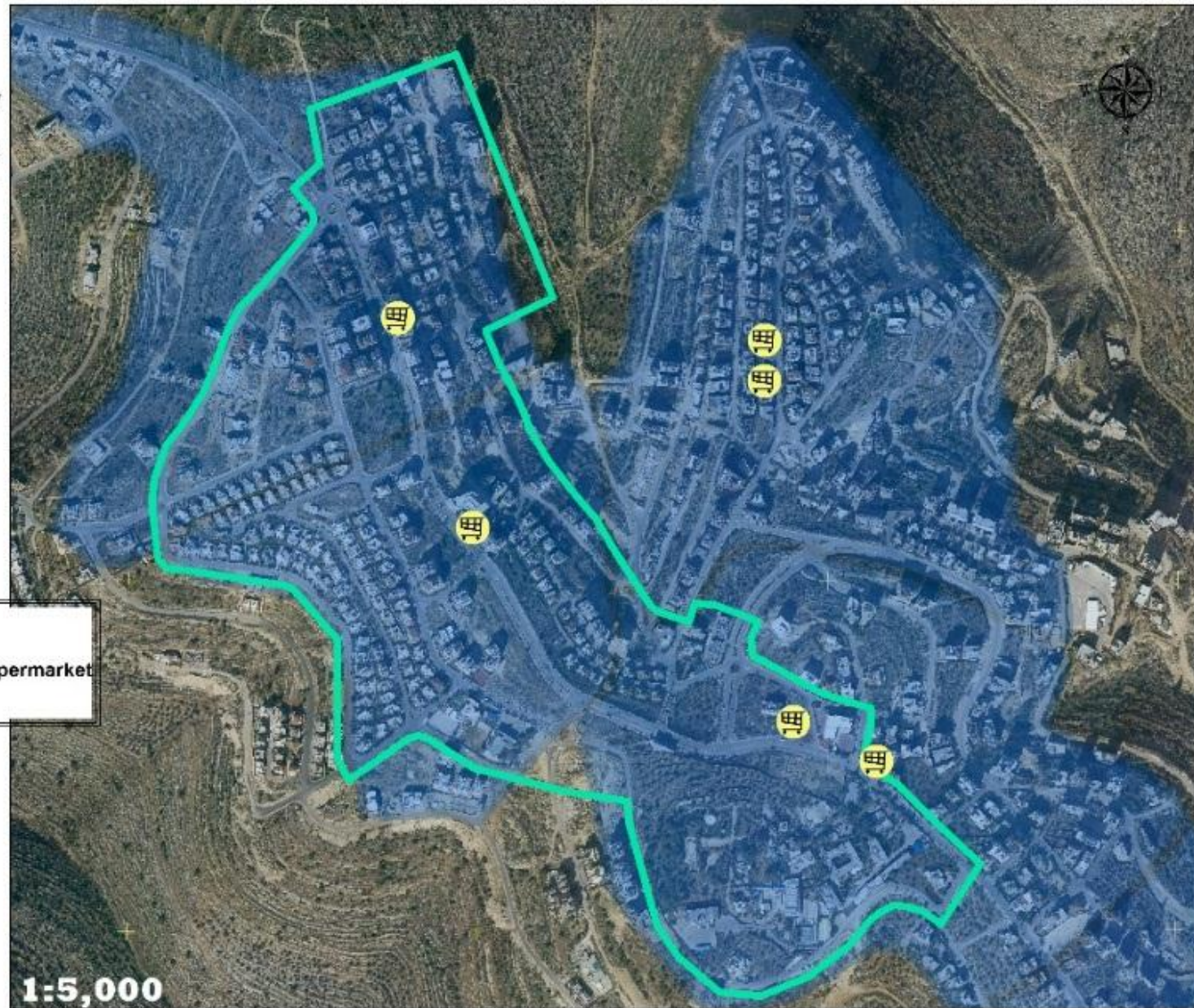
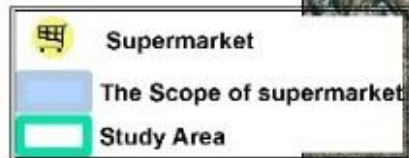
1 Mosque Needed

1. The buffer of the main services (Supermarket)





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1:5,000

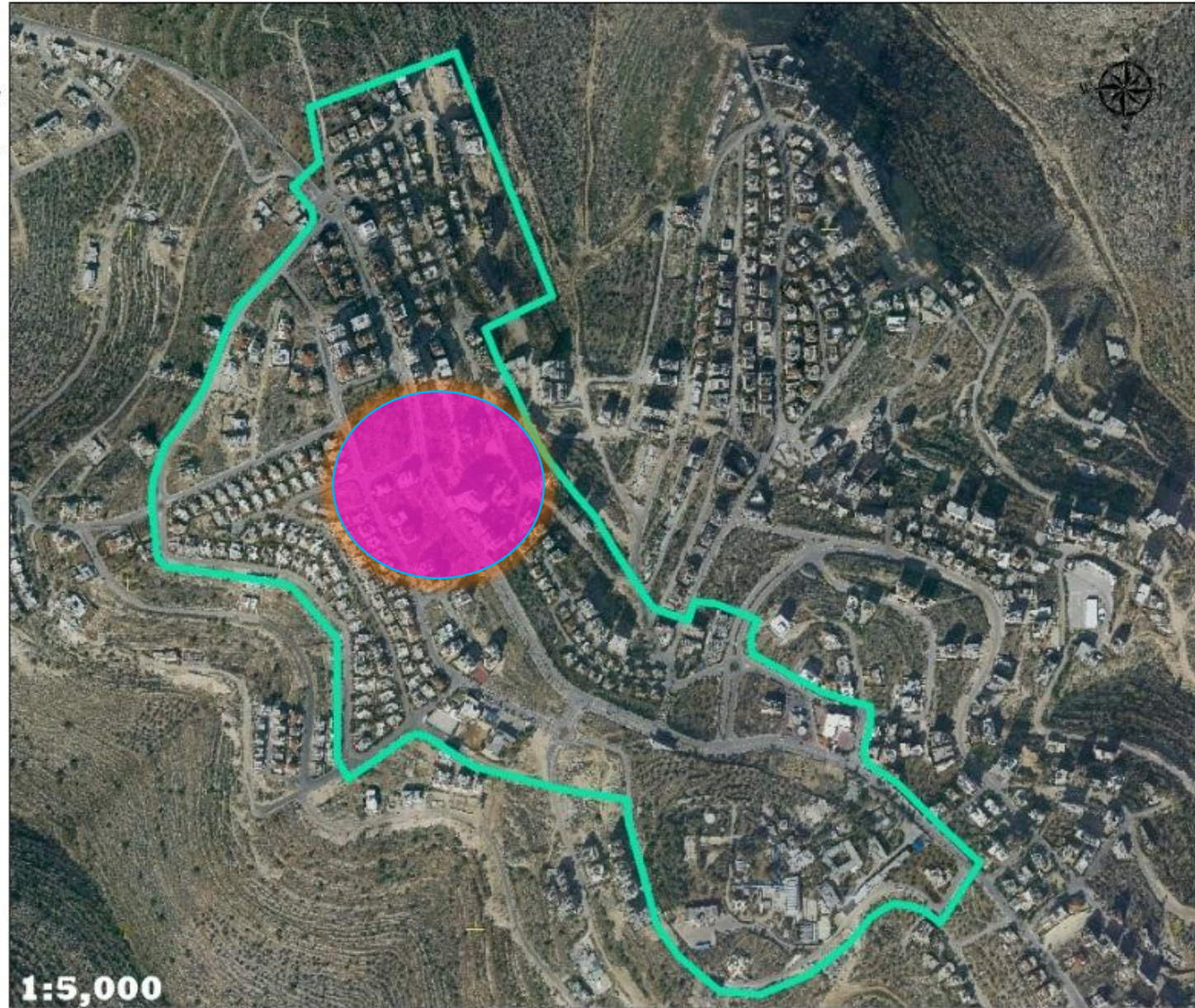
Supermarket (No Need)

1. The buffer of the main services (Recreational service)





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Recreational Service Needed

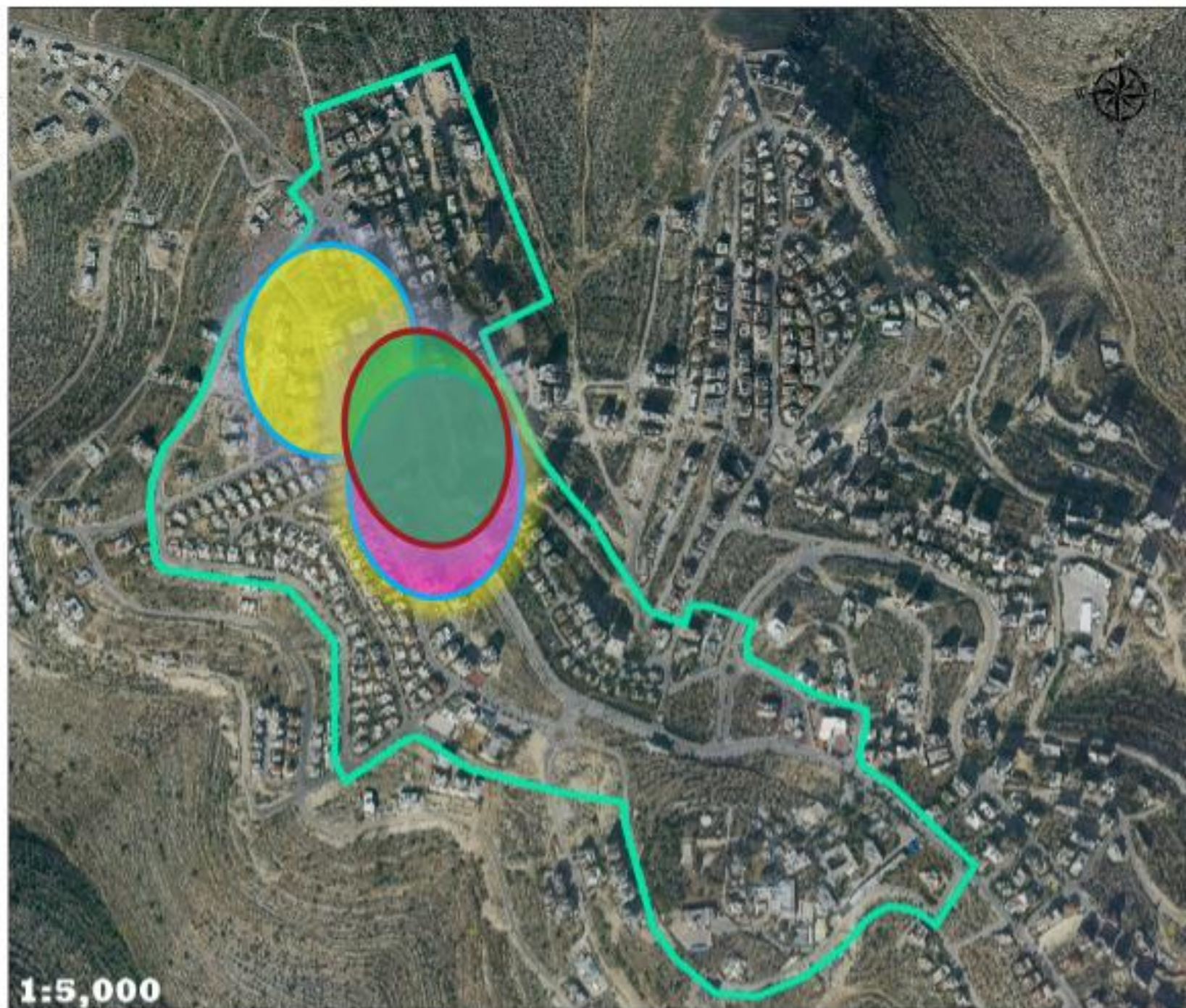
criteria			standard	Existing	The Gap
The buffer of the main services	schools	Kindergarten	200 m	Not enough	-
		Elementary	500m/15 min	Not enough	
		Secondary	1000 m	enough	-
	Health care		15 min – 20 min	Dose not exist	1 health care
	Mosque		15 min / 500 m	Not enough	1 mosque
	Supermarket		15 min / 500 m	enough	-
	Park		20 min	Not enough	1 park
Affordable housing			Affordable housing	0%	
Walkability	Sidewalk		90%	45%	
	Lighting		100%	70%	
	Quietness		90%	90%	
	Hygiene		100%	90%	
	Greenery		85%	75%	
	Seats		40%	0%	
	rubbish		100%	80%	
Shared Transportation			strong	weak	

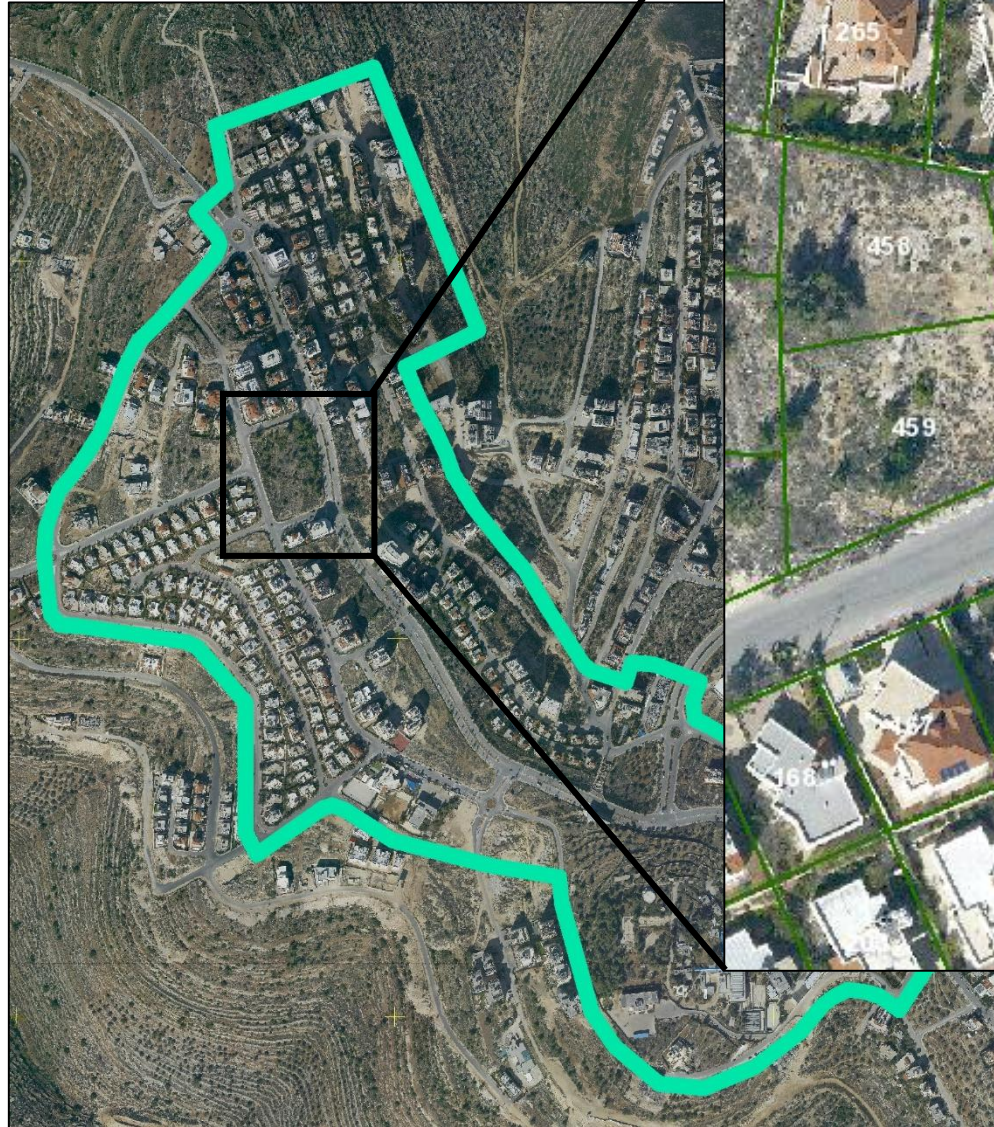


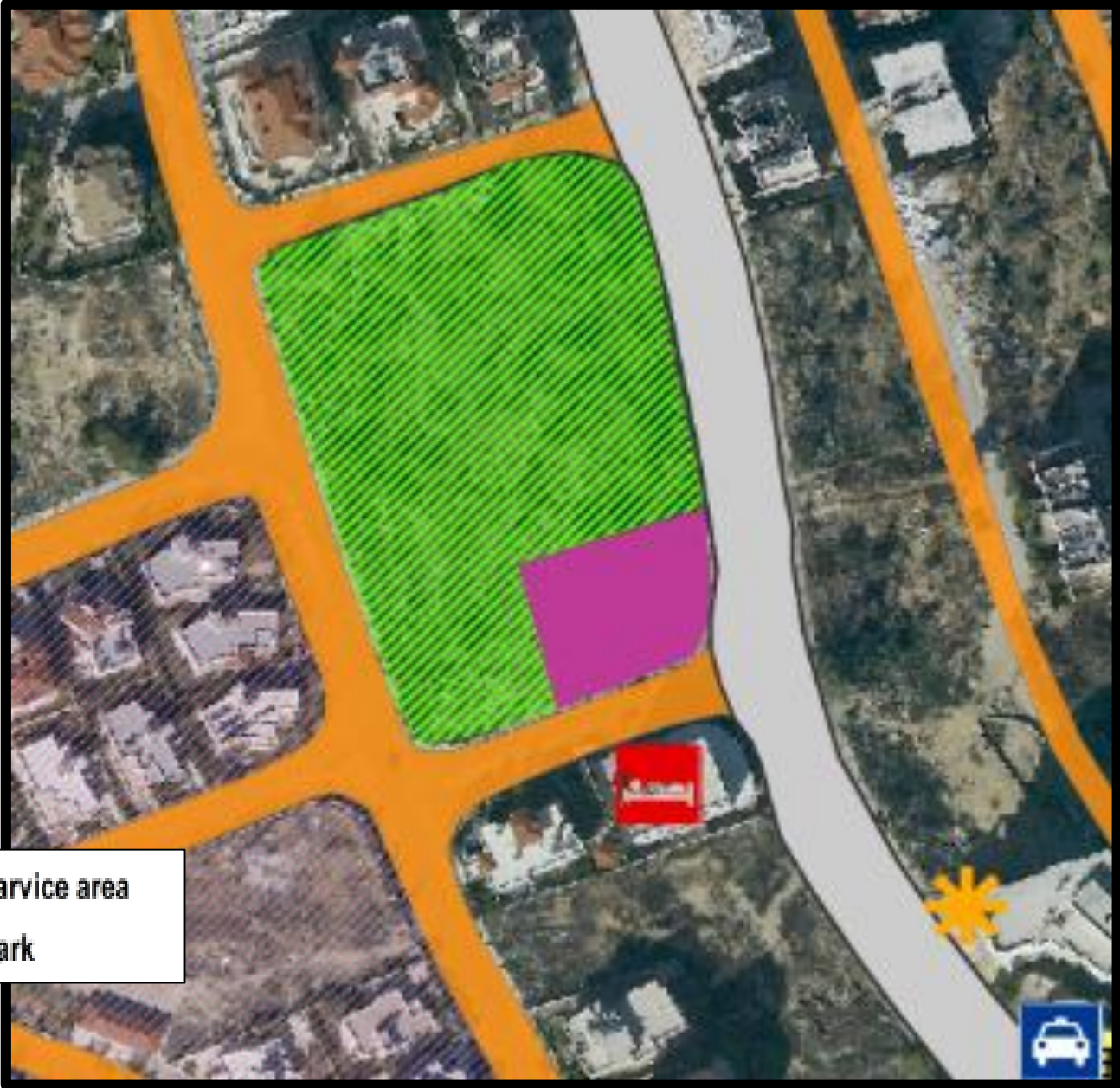
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 Study Area

Prepared By: Saha Tamin

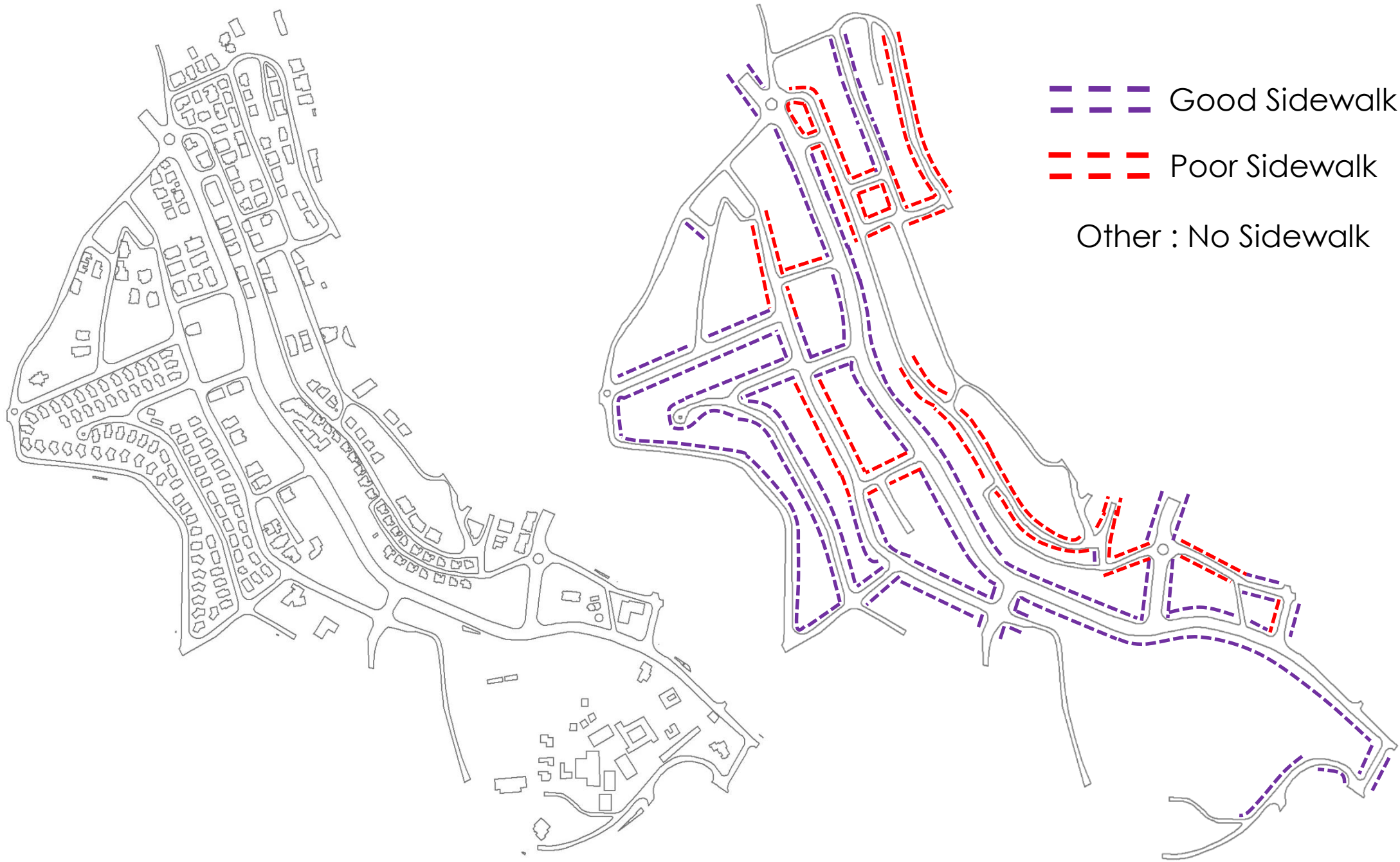




- 
- Proposed service area
 - Proposed park

2. Walkability (Sidewalks)







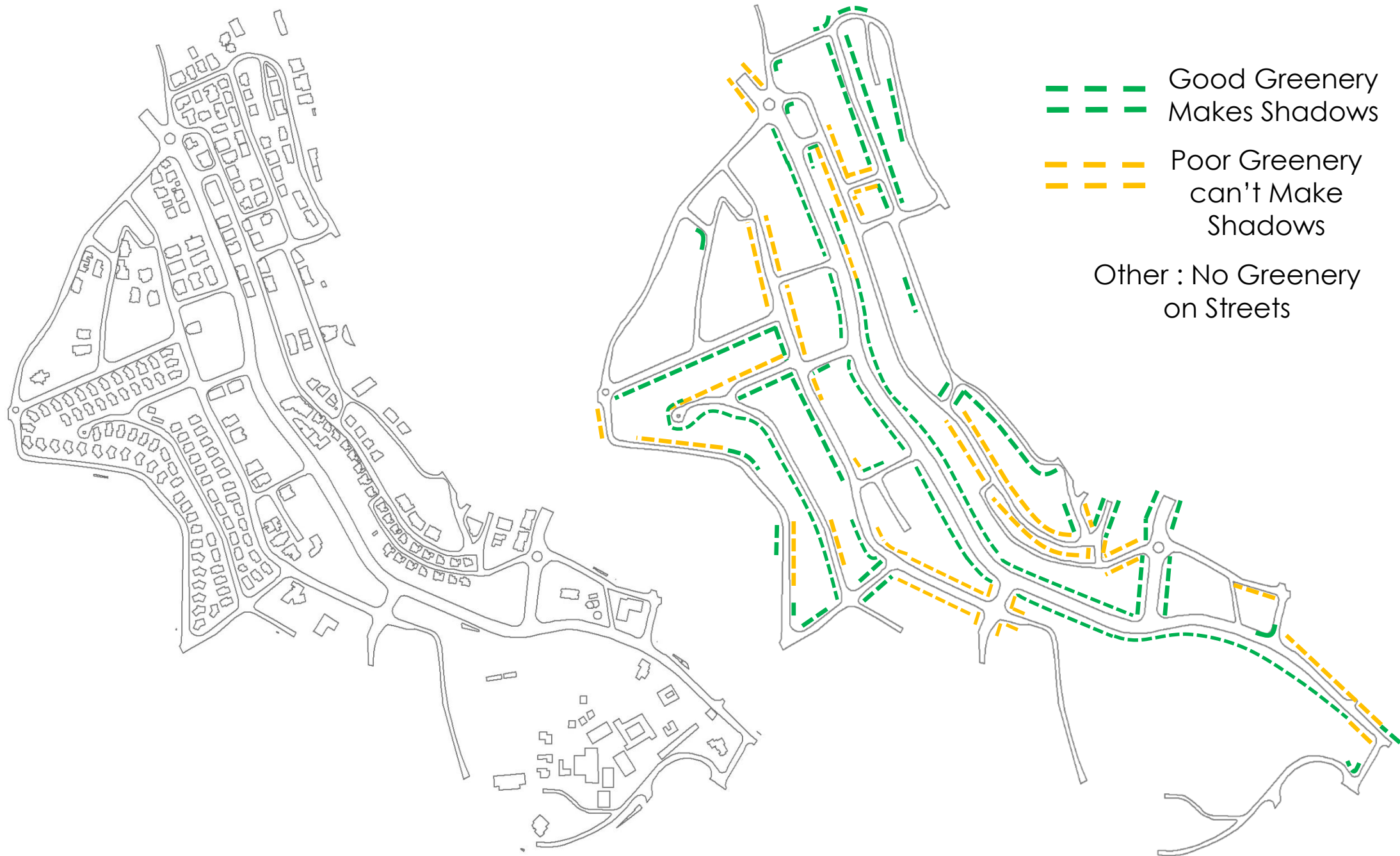
BAD SIDEWALKS



GOOD SIDEWALKS

2. Walkability (Greenery)







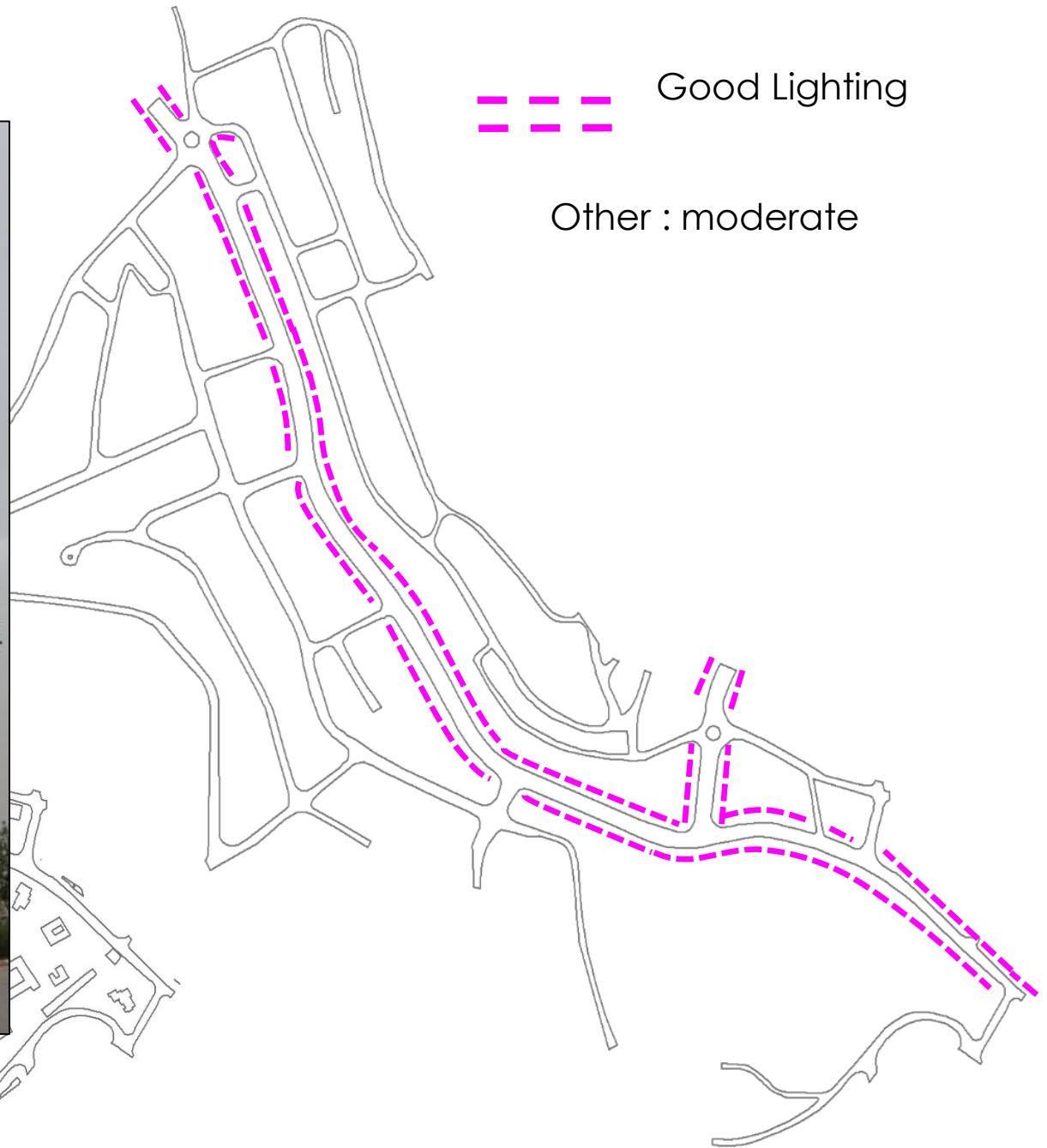
**NON-SHADED
TREES**



**SHADED
TREES**

2. Walkability (Lighting)





Good Lighting

Other : moderate

2. Walkability (Trash containers)

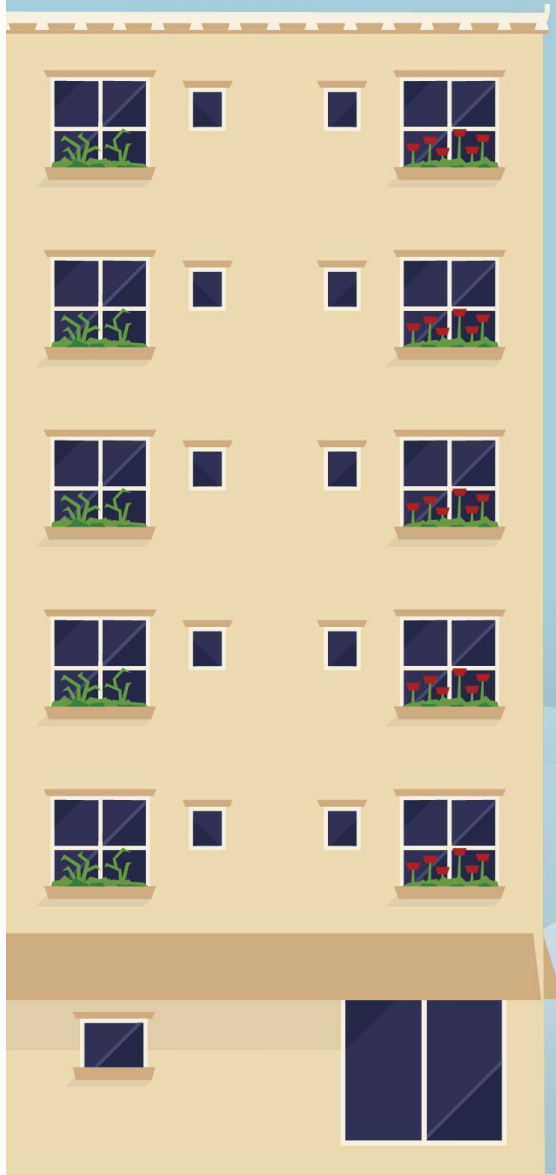




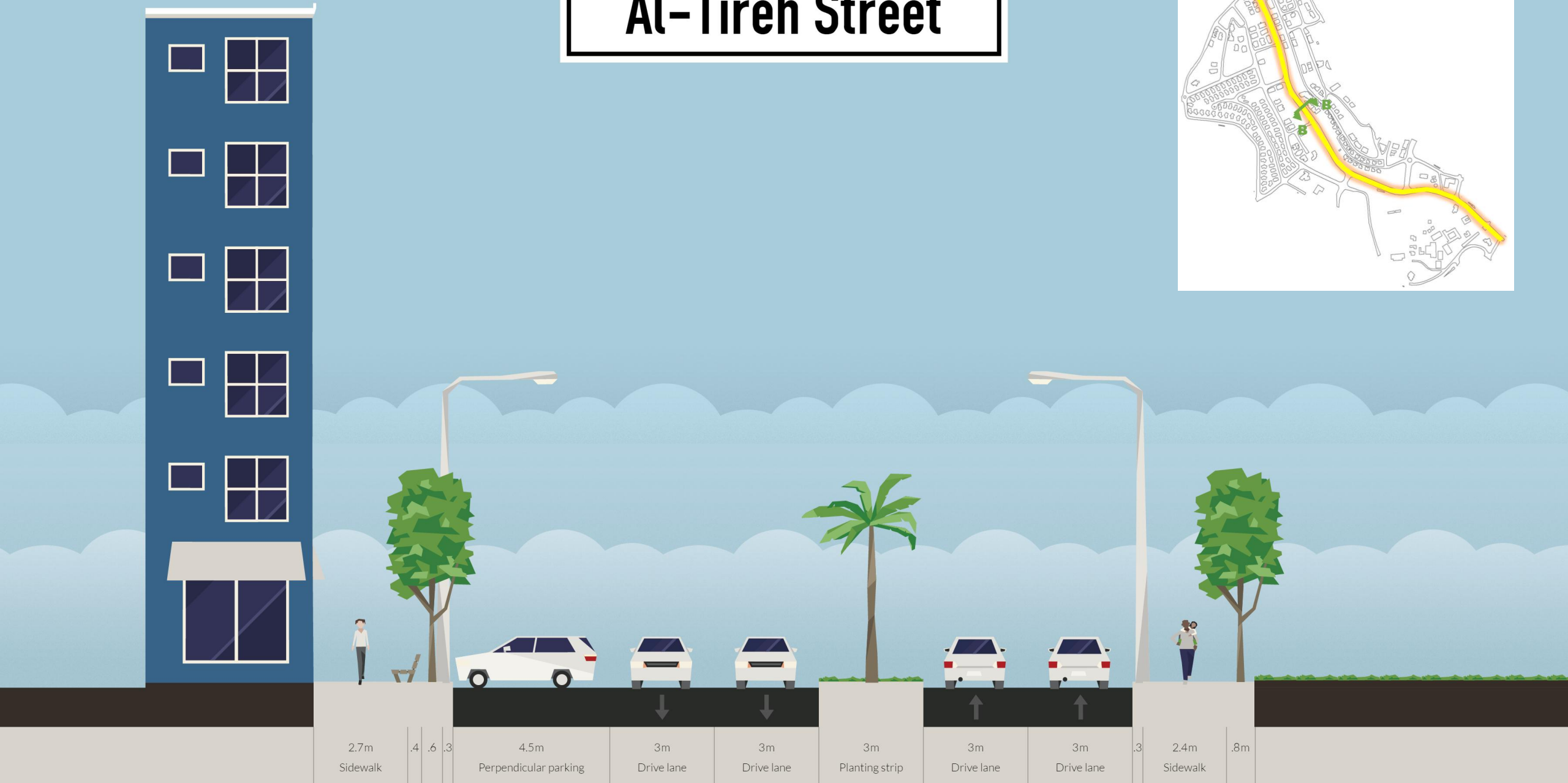
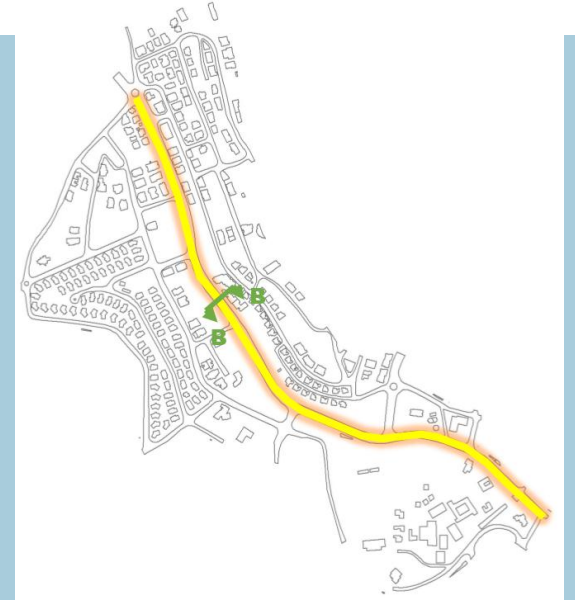


Proposals

Al-Tireh Street

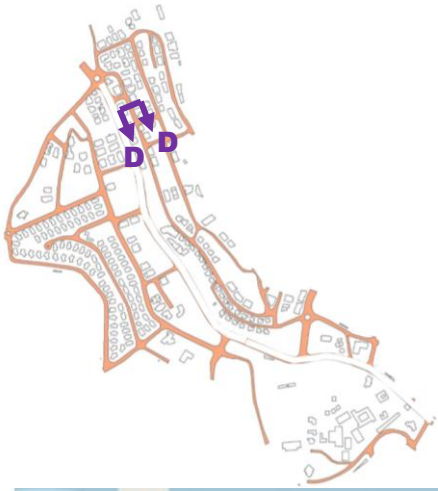


Al-Tireh Street

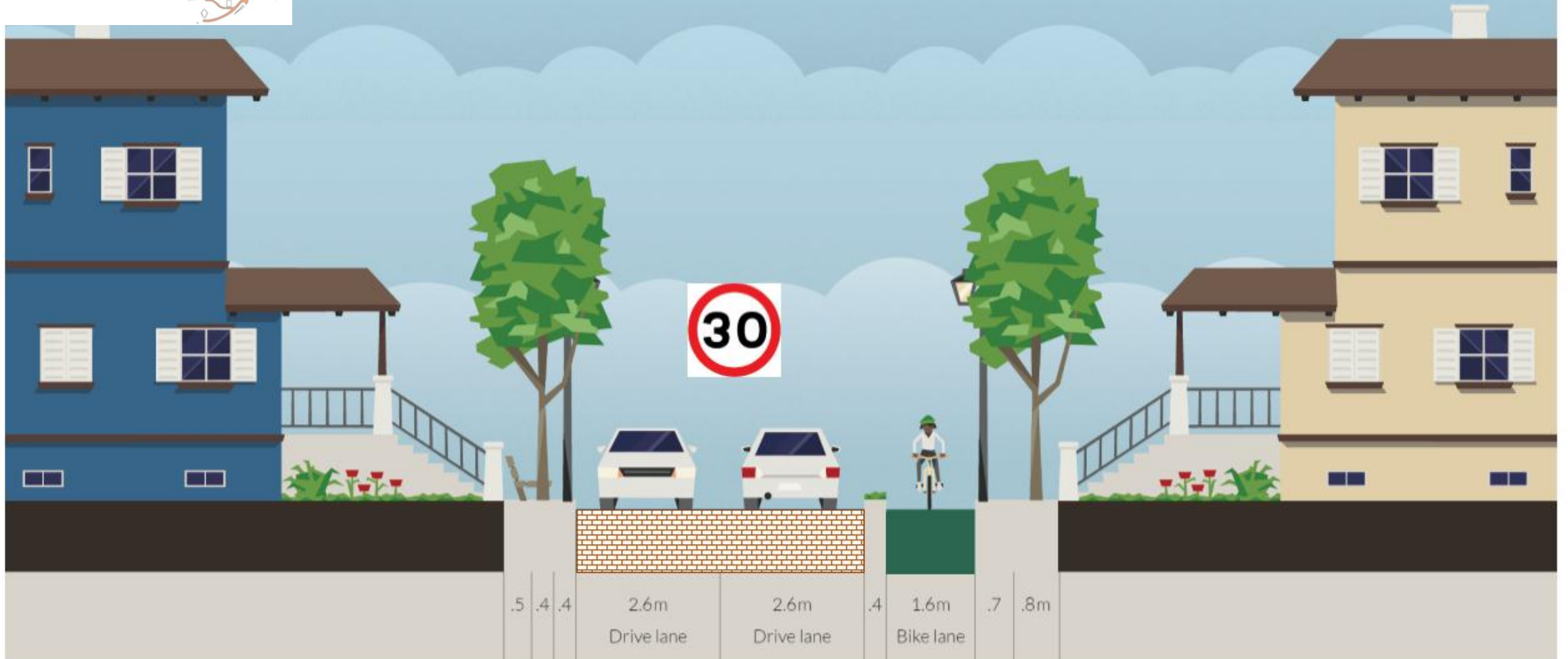


Al-Tireh Street

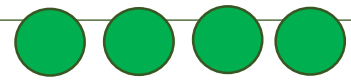
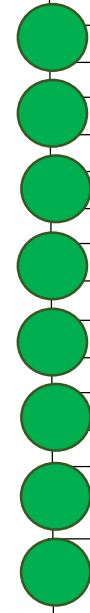
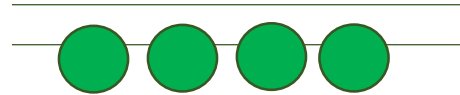
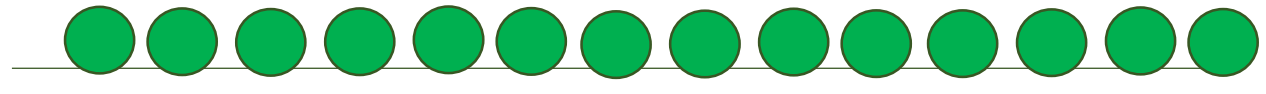
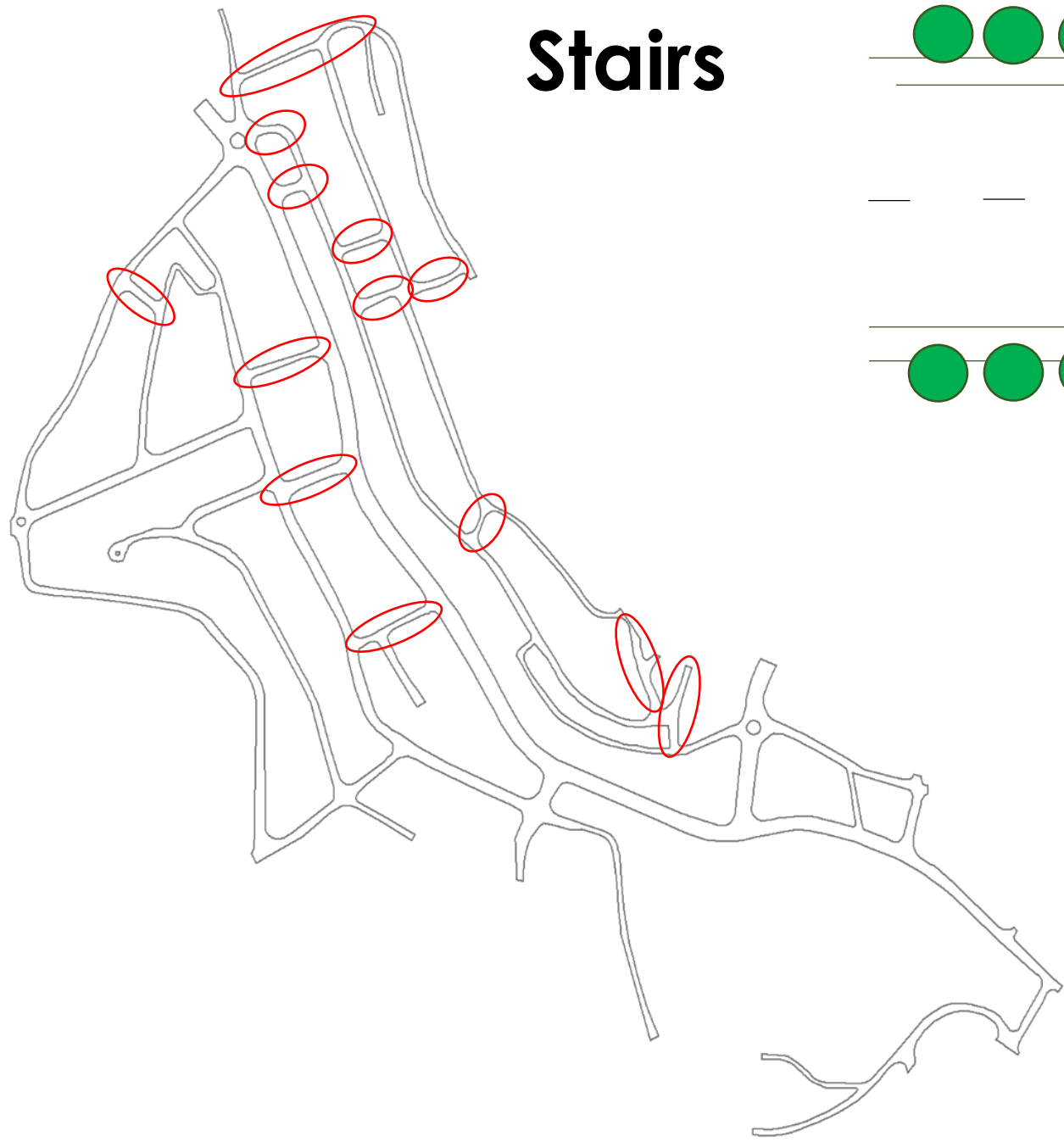




Residential Street



Stairs



Ever green trees

Ficus netida



Populus nigra





For recycling model 3 trash containers for each building. One for kitchen waste and the others for paper (or trees waste) and plastic.



260 outdoor trash container for kitchen wastes needed for each building. For additional need the user can buy more.

Women can separate waste in kitchen for plastic and paper and other waste.





1100 L



- 21 location
- 21 big size trash container
- 21 container for paper
- 21 container for plastic
- 21 container for glass



**COLLECTION TRASH
CONTAINERS**



Distribute small trash
containers on the streets
every 100m



3. Transportation





320m

Al Manara roundabout



Taxi Path



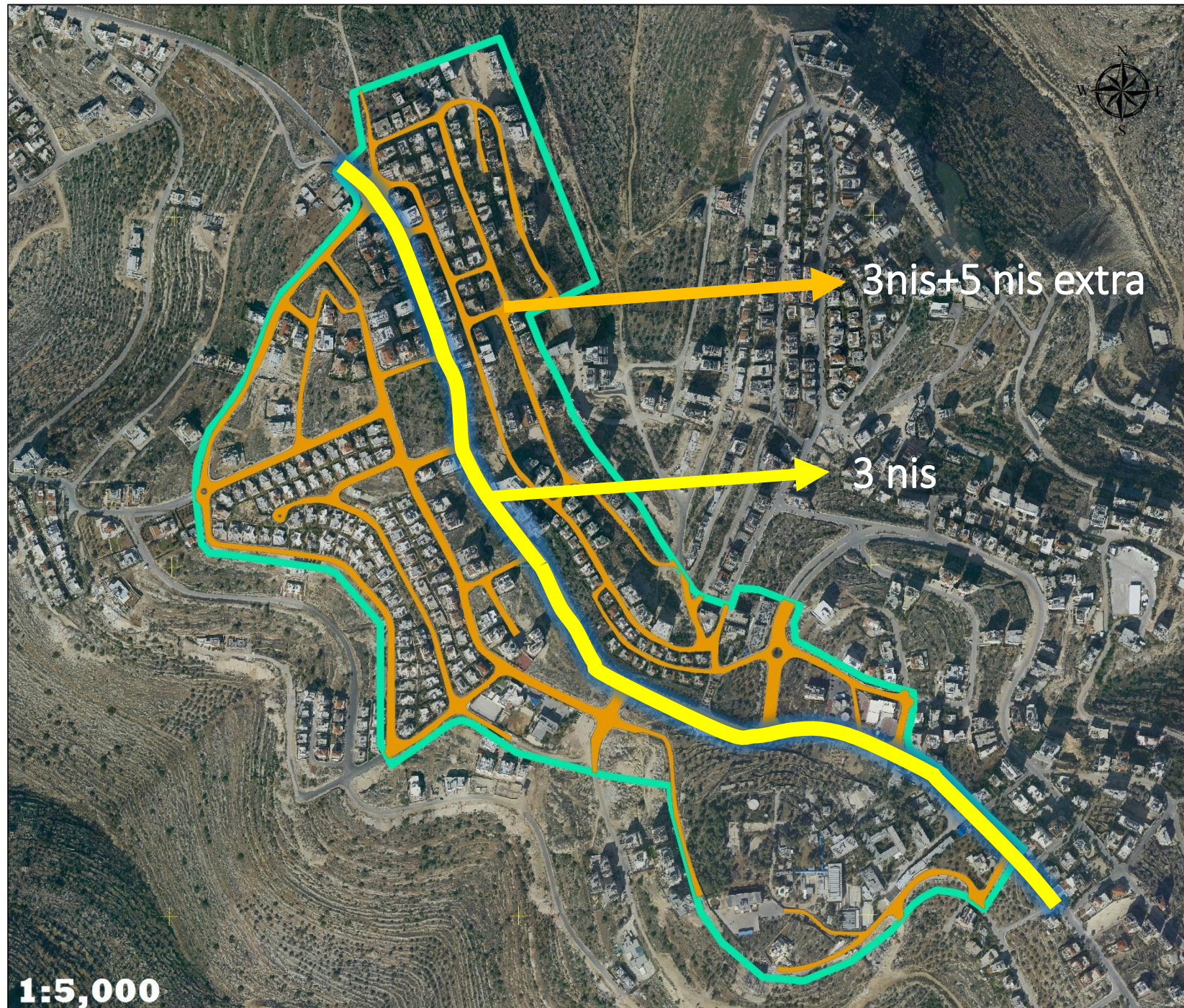


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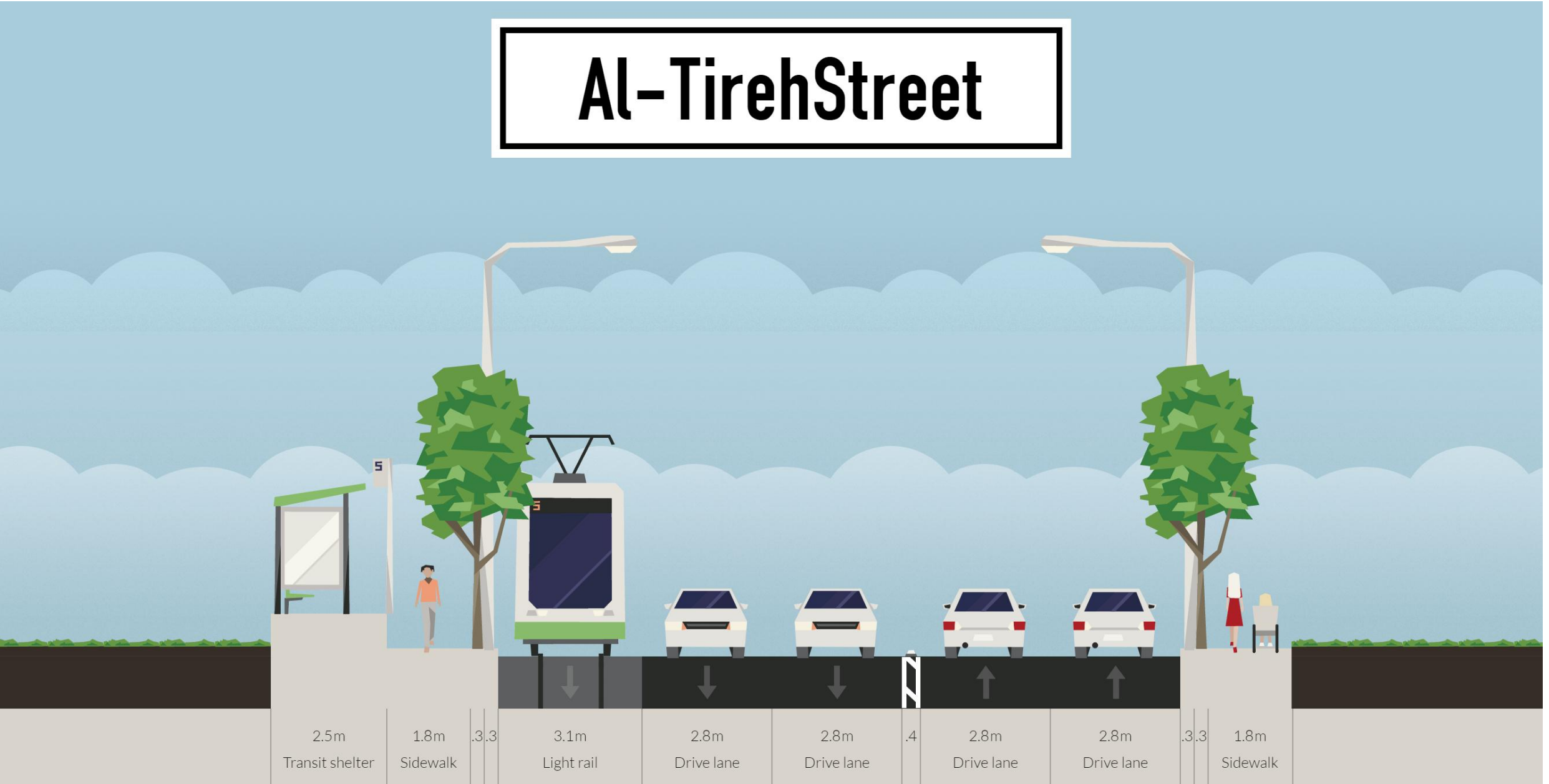


Prepared By: Suhia Tamim



In the future

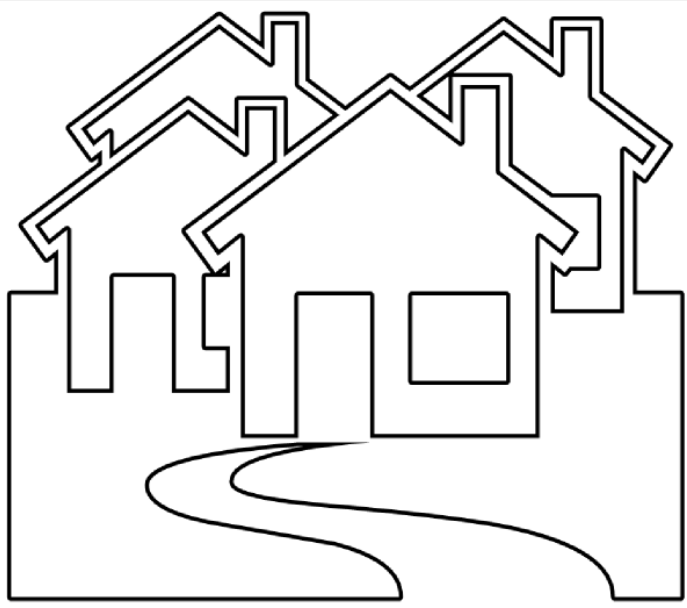
Al-TirehStreet



4. Affordability



No affordable housing



Smaller housing = lower cost

Other Proposals



Numbering System



Forming a neighborhood committee



No more plastic bags !



Encourage recycling



THANK YOU