



PUBLIC & COMMUNITY SERVICES





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THEMATIC AREAS

Governance & Administration

Parking lots

Educational Services



Information
Dissemination

Security &
Utilities

Health
Services



PUBLIC & COMMUNITY SERVICES

A public service is a service which is provided by government to people living within its jurisdiction, either directly (through the public sector) or by financing private provision of services (https://www.sciencedaily.com/terms/public_services.htm)

According to the Public Services Commission of Ghana, these are its core functions of the body pertaining to the society at large:

- Review the organization, structure and manpower requirements of agencies and bodies in the Public Services and advise Government on such manpower rationalization as may be necessary for maximum utilization of human resources in the Public Services
- Oversee the human resources development activities of the Public Services organizations to ensure career planning and career development in the Public Services

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GOVERNANCE AND ADMINISTRATIVE STRUCTURE

It is the process of interactions through the laws, social norms, power or language as structured in communication of an organized society over a social system.

Introduction

INTERVIEW GUIDE FOR THE ASSEMBLY

1. Which local bodies governs the assembly?
2. What are the various departments in the Metropolitan Assembly? (List them).
3. What are the roles of the various departments in the Assembly? (List them as stated).
4. How many projects has the Assembly completed since it was established? (List the projects if they are mentioned)
5. How long did the projects last? (Provide dates of when they began and when they were commissioned).
6. Where are these projects located in the town? (Go there and find out if they are really performing the functions for which they were built for)
7. How many projects are ongoing?
8. How are these projects funded?
9. What is the chieftaincy hierarchy of the town?
10. What are the roles of the chieftaincy body in the town?
11. Which bodies own land?
12. What is the leasing procedure and duration?
13. What are some of your land management processes and challenges?



INTERVIEW GUIDE FOR THE COURT

1. Who are the heads of the court?
2. What are the administrative functions of the court? (List them).
3. Is the court an independent body? If no, state the other bodies it works with.
4. What are the sources of funds to the court? List them as stated.
5. What are the problems faced by the court in the town? List them as stated.
6. How many workers are there in the court? And what are their roles? (Get the number and if possible get the list of workers).
7. What is the maintenance culture of the court? (State the time periods they are carried out).
8. Is there a body responsible for the maintenance culture of the Kumasi Metropolitan Court?
9. Are there amenities such as water and electricity? (State their sources and mode of payment).
10. What are the facilities the court has? (List them as stated).



GOVERNANCE AND ADMINISTRATIVE STRUCTURE



Local government



• Kumasi Metropolitan Assembly



Traditional government



• Kumasi Traditional council



TRADITIONAL GOVERNANCE



STRUCTURE OF THE TRADITIONAL COUNCIL



Asantehene (otumfuo)

- He is the embodiment of the culture of the people and presides over 45 "Amanhene"



Amanhene

- He wields authority over a certain number of communities

Divisional chiefs (eg Akuamu, Krontin, Adonten etc)

- They advise the Amanhene.



Odikro

- He is responsible for the maintenance of law and order in jurisdiction.



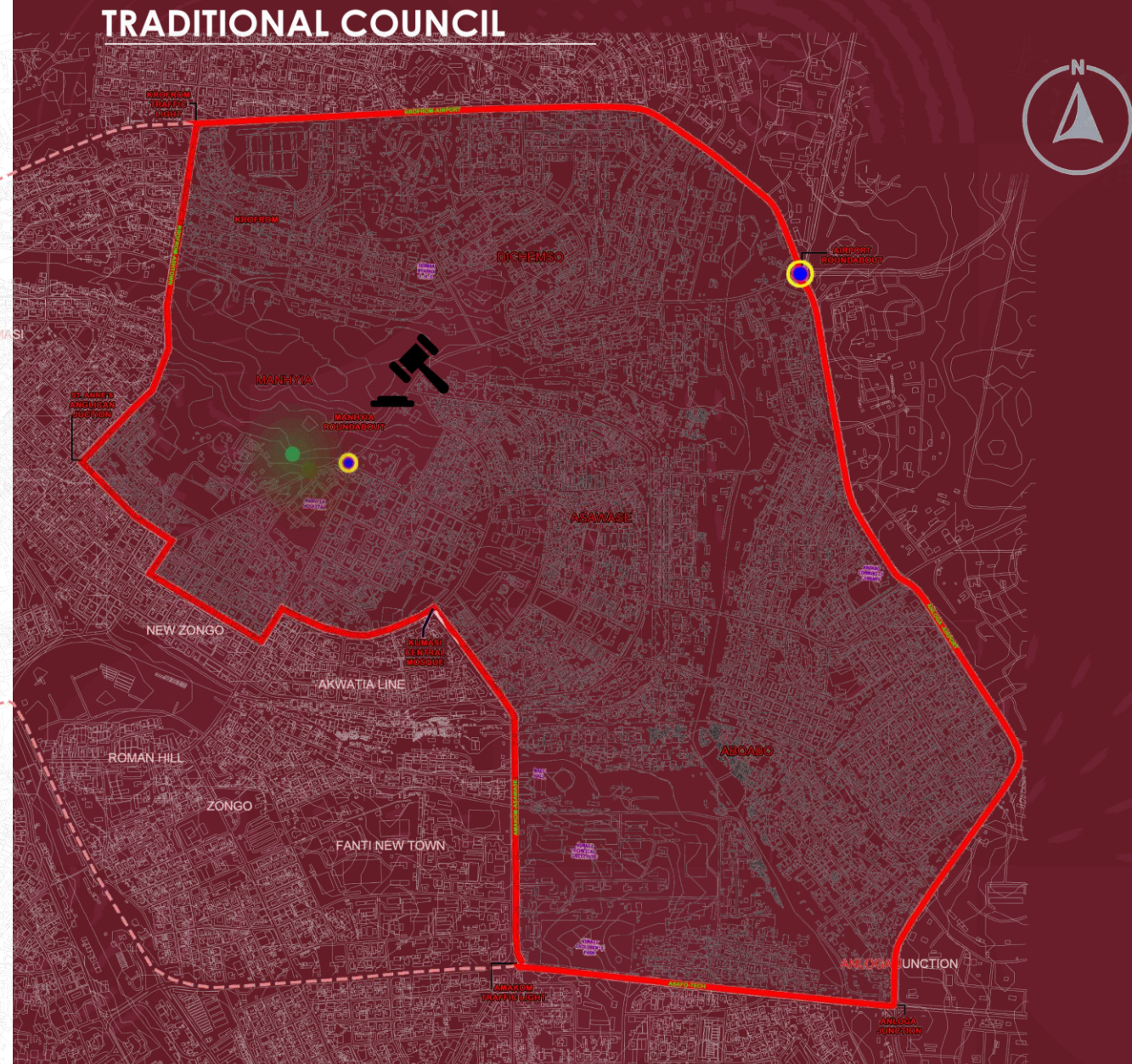
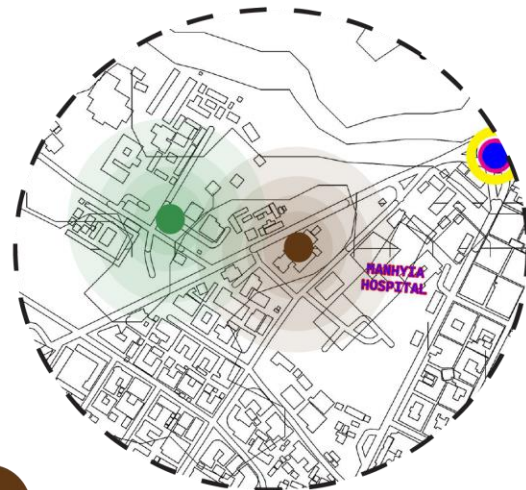
NB: Traditional council registrar runs the daily administration with other core officers



TRADITIONAL COUNCIL



(Author's Field Survey, 2023)



SCALE: 1:25,000

Author's Field Survey, 2023)

LEGEND

- LAND SECRETARIAT TRADITIONAL COUNCIL
- NATIONAL HOUSE OF CHIEFS

INFORMAL COURT THE HOUSE OF CHIEFS



(Author's Field Survey, 2023)

LAND SECRETARIAT TRADITIONAL COUNCIL



- Consists of 5 judges selected by the Registrar of the traditional house of chiefs.
- Cases are sent to the Formal appeal court for a rehearing and clarity of judgment if one party wishes.

ROLE

- Family Chieftancy Disputes



ROLES OF THE TRADITIONAL COUNCIL

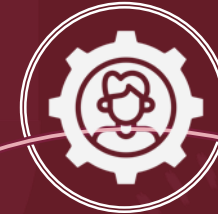


informal court room

SOURCE:AUTHOR'S FIELD SURVEY ,2023

1. Leasing of land and chieftaincy issues
2. Punish wrong doers in the community)
3. Law making and implementation)
4. Pouring of libation during festivals)

1. Physical roles



2. Social roles



4. Spiritual roles



ROLES

3. Moral roles



LAND ACQUISITION IN THE KUMASI TRADITIONAL AREA(KTA)



➤ Lands in the Ashanti region are broadly categorized into 3 :

- Government lands
- Vested lands
- Stool lands



➤ The Asantehene is the custodian of all the stool lands under KTA.

➤ There are 200 stool lands under KTA

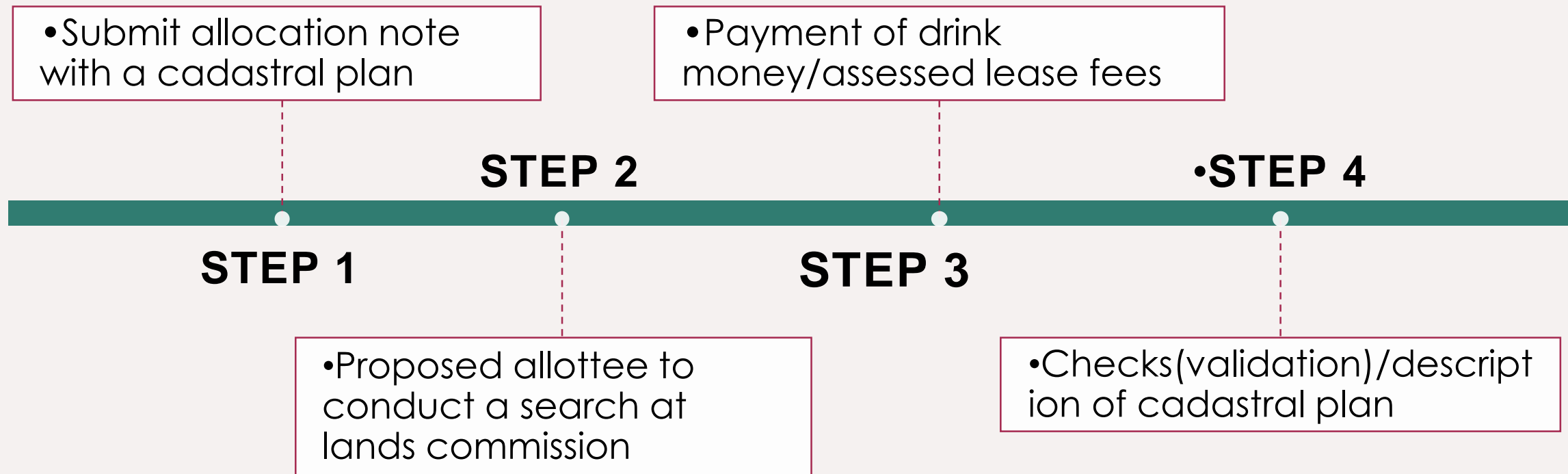
➤ Each stool land is managed by heads of stools known as caretaker chiefs on behalf of Asantehene

➤ Any person or institution who acquires a piece of land from stool is issued an allocation note



➤ Allocation note provides the basis for a lease document which grants full rights and creates an interest in a piece of land for a proposed owner.

LAND ACQUISITION IN THE KUMASI TRADITIONAL AREA(KTA)

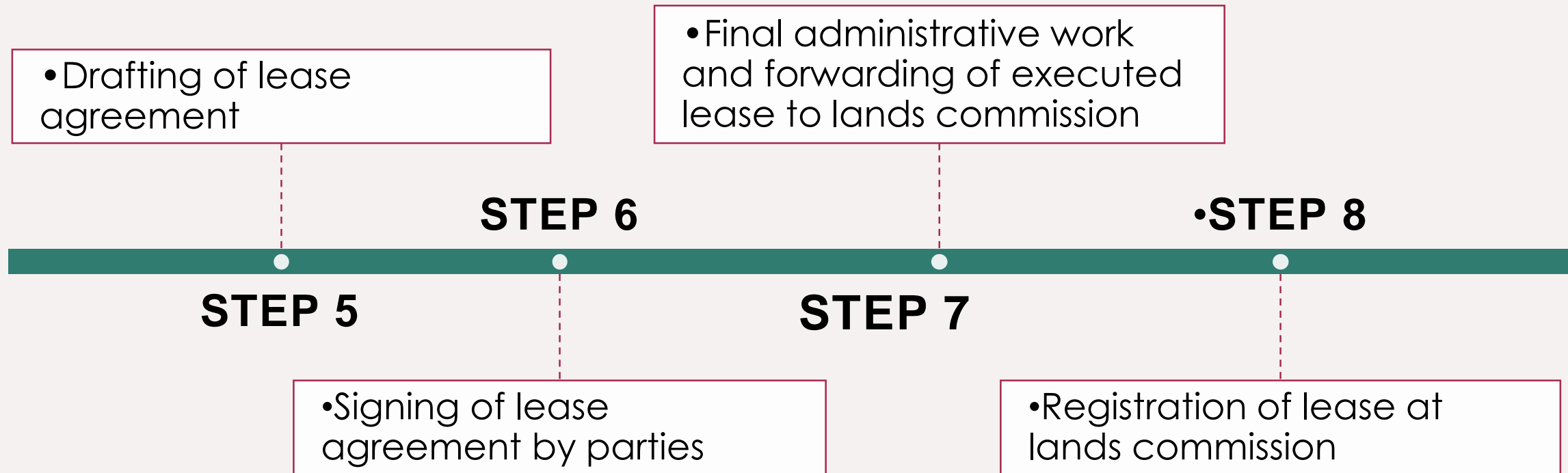


LEASING PROCESS

Source :Asantehene lands secretariat Manhyia Palace



LAND ACQUISITION IN THE KUMASI TRADITIONAL AREA(KTA)



LEASING PROCESS

NB : A registered lease grants you title to your land

LEASING DURATION

3 months(land leased out for both residential and commercial purpose)

Source :Asantehene lands secretariat Manhyia Palace



LOCAL GOVERNMENT



Kumasi Metropolitan Assembly



(Author's Field Survey, 2023)

- In the study area, the Kumasi Metropolitan Assembly has established two Sub-Metros in located in the Manhiya North and South.

MANHYIA SOUTH SUB- METRO



(Author's Field Survey, 2023)

Area of Coverage

Manhiya North-Sub Metro

- KOFROM

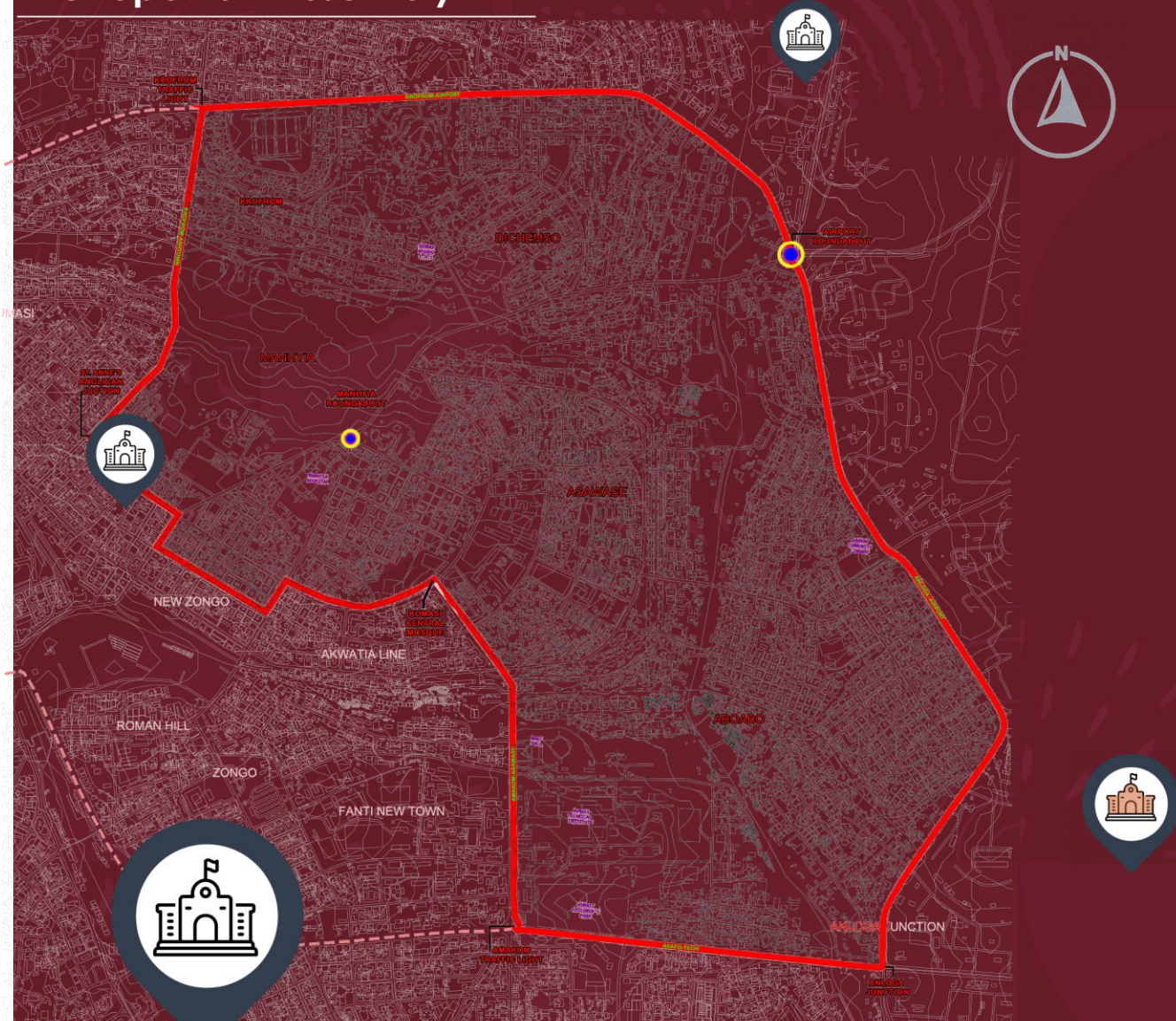
Manhiya South-Sub Metro

- DICHEMSO

Asokore Mampong Municipal assembly

- ASAWASE
- ABOABO

Metropolitan Assembly



SCALE: 1:25,000
LEGEND

Author's Field Survey, 2023)

KUMASI METROPOLITAN ASSEMBLY

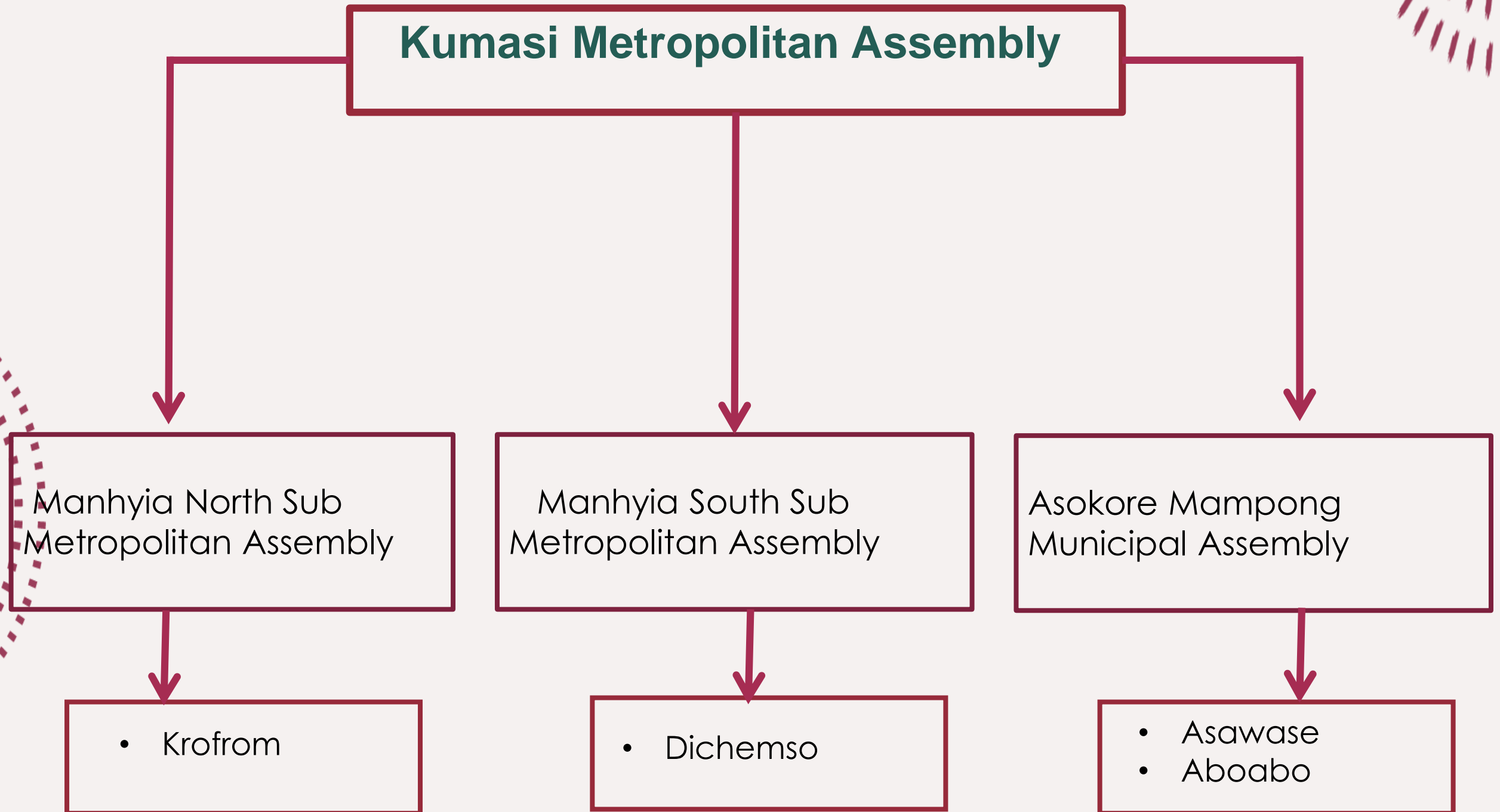
MANHYIA SOUTH SUB- METROPOLITAN ASSEMBLY

MANHYIA NORTH SUB- METROPOLITAN ASSEMBLY

ASOKORE MAMPONG MUNICIPAL ASSEMBLY



STRUCTURE OF THE LOCAL GOVERNMENT



Source: Mr Augustine Nterful ,the administrator at sub metropolitan assembly Manhyia South



Roles of the sub metropolitan assembly



- Mobilization of revenue
- Responsible for the sanitation of the Manhya south
- Responsible for the designation of site allocation for temporal structures



Sources of Fund

- Internally Generated fund

Problems faced by the sub metropolitan assembly

- insufficient working area or space
- Inadequate Storage facilities for data storage and goods storage
- Inadequate staff
- Insufficient logistics



Source: Mr Augustine Nterful ,the administrator at sub metropolitan assembly Manhya South



DEPARTMENTS UNDER MANHYIA SOUTH SUB METROPOLITAN ASSEMBLY

The various departments carry out roles that help in governing the Manhyia south community. The departments include:

- Social welfare and community service
- Development controls
- Budgeting and rating
- Central administration
- Finance
- NADMO
- Sanitary



Manhyia south sub metro
source:author's field survey ,2023

Source: Mr Augustine Nterful ,the administrator at sub metropolitan assembly Manhyia South



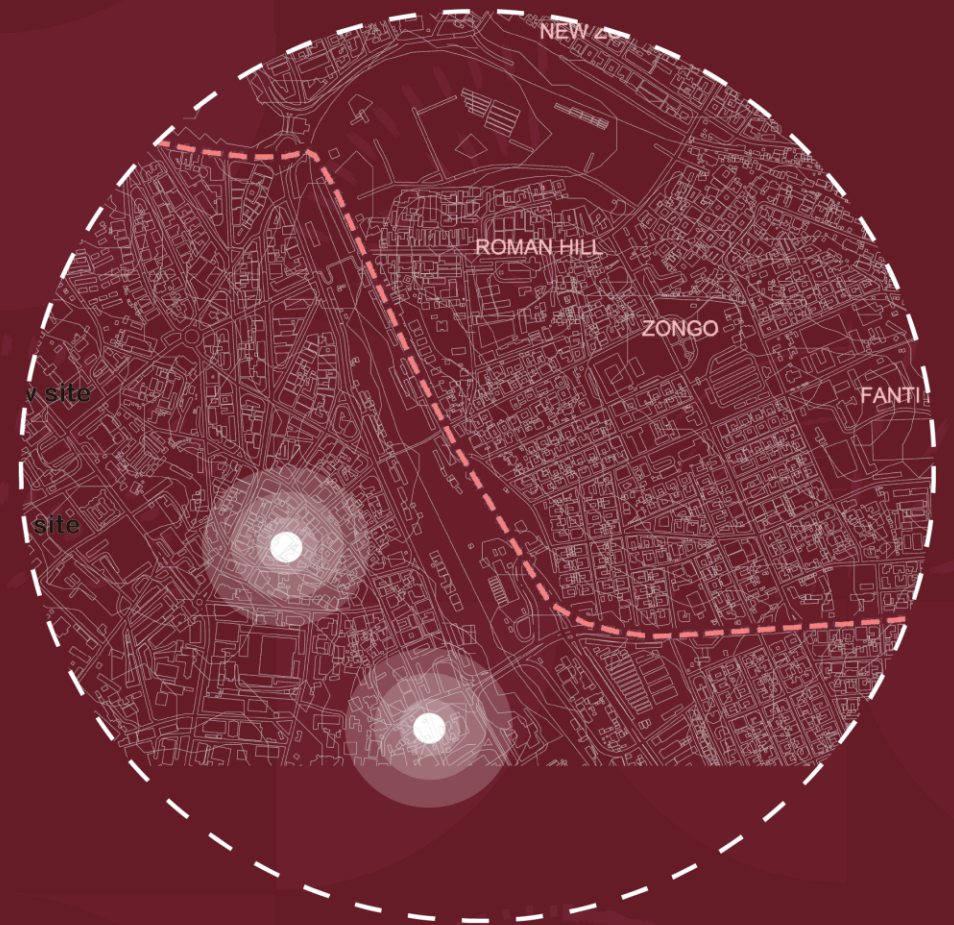
CAPACITY OF THE SUB METROPOLITAN ASSEMBLY(MANHUYIA SOUTH)

Department	No. of workers	Estimated working space
Social department	3	10.5m
Development controls	2	10.5m
Budget and rating	1	10.5m
Central administration	4	10.5m
Finance	1	10.5m
NADMO	11	21m
Sanitary	14	30m

Source: Mr Augustine Nterful ,the administrator at sub metropolitan assembly Manhyia South



JUDICIARY



COURT

KUMASI HIGH COURT



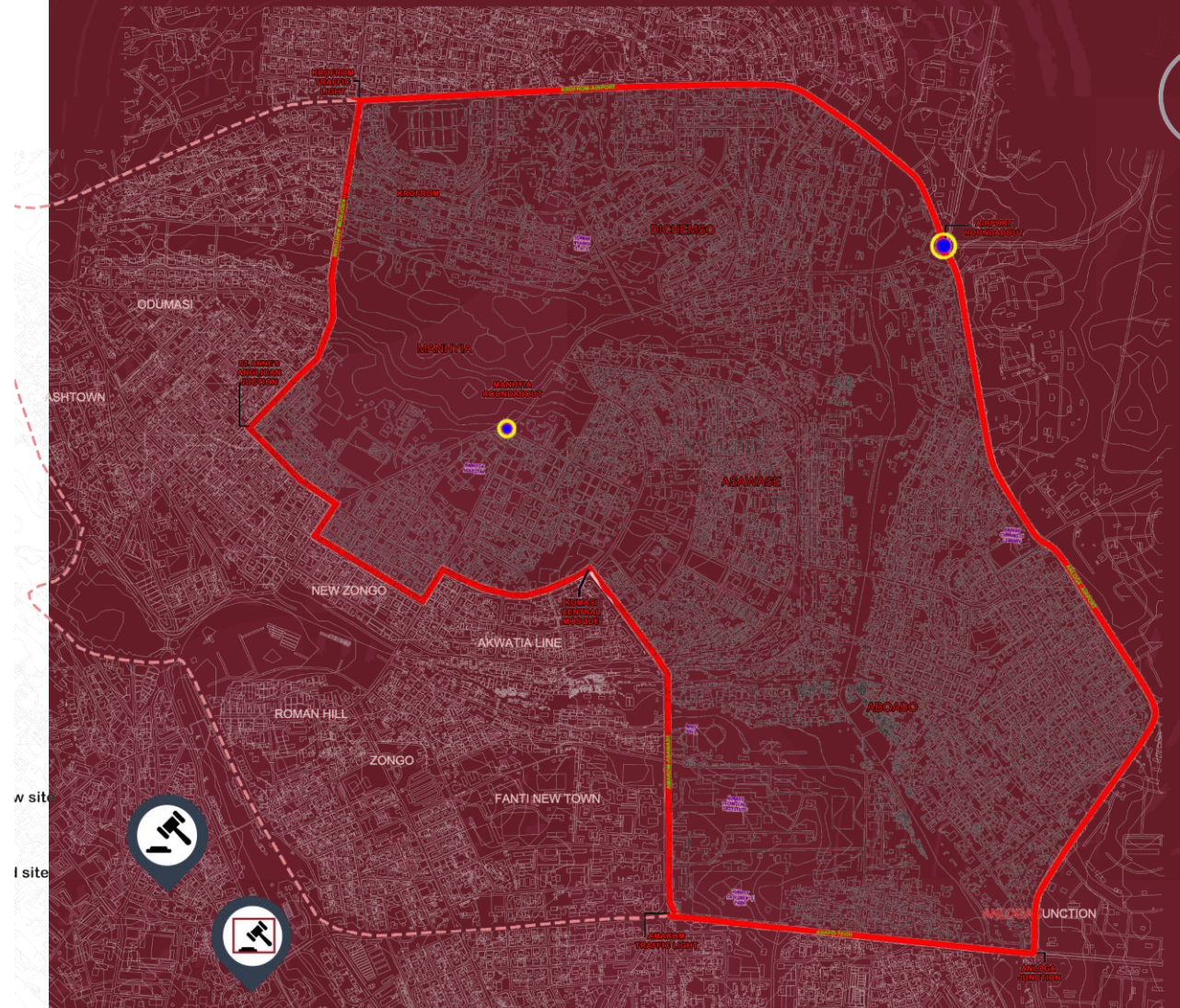
(Author's Field Survey, 2023)

KUMASI CIRCUIT COURT



(Author's Field Survey, 2023)

JUDICIAL SERVICE



SCALE: 1:25,000

Author's Field Survey, 2023)

LEGEND



KUMASI HIGH COURT

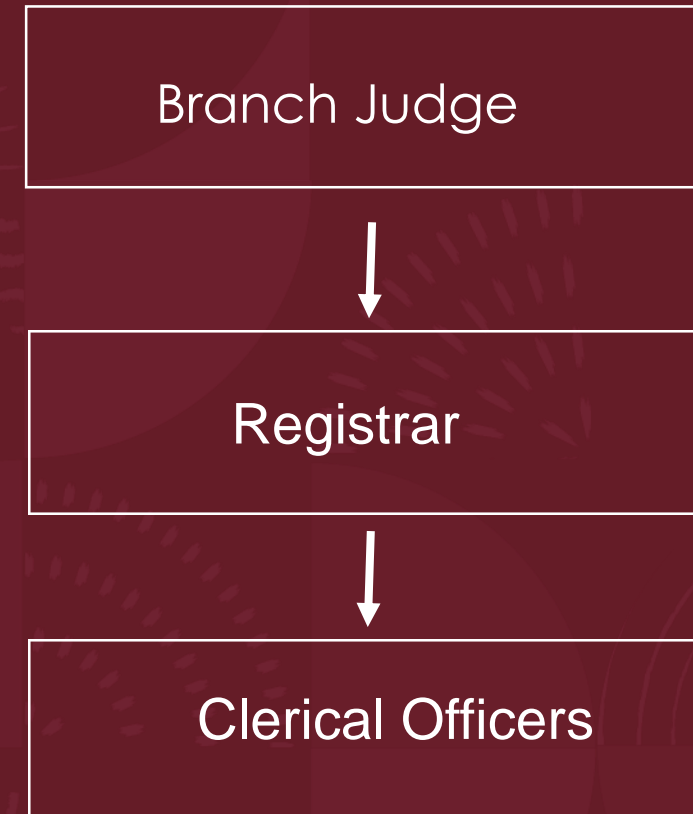


KUMASI CIRCUIT COURT



KMA CIRCUIT COURT

STRUCTURE OF CIRCUIT COURT



Public Bodies Who Work With The Circuit Court

- Ghana Police Service
- Commission on Human Right and Administrative Justice (CHRAJ)
- Domestic Violence and Victim Support Unit (DOVVSU)

Public And Community Services
URBAN SURVEY- KUMASI METROPOLITAN.



Formal court
SOURCE:AUTHOR'S FIELD SURVEY ,2023

Administrative Functions OF THE KMA circuit court

- In charge of legal cases, Examples: Adoption, divorce cases, registration of marriages etc.
- In charge of civil cases ,Example: Defilement, theft, murder cases etc.

Source :Mr Samuel Odei Junior(Court Registrar

KMA CIRCUIT COURT



SOURCE OF FUNDS OF THE KMA CIRCUIT COURT

- Filing cases
- Non-governmental organization
-

CHALLENGES FACED BY THE KMA CIRCUIT COURT

- Insufficient funds
- Inadequate working equipment such printers and computers



Source :Mr Samuel Odei Junior(Court Registrar)



KMA CIRCUIT COURT

WORKERS IN THE COURT



- Judge
- Registrar/Administrators
- Clerical officers
- Accountant/Cashier

BODIES RESPONSIBLE FOR MAINTENANCE

The estate department is responsible for maintaining the court building and some renovations. These include: Painting of the interior wall , Refurbishment of chairs etc.

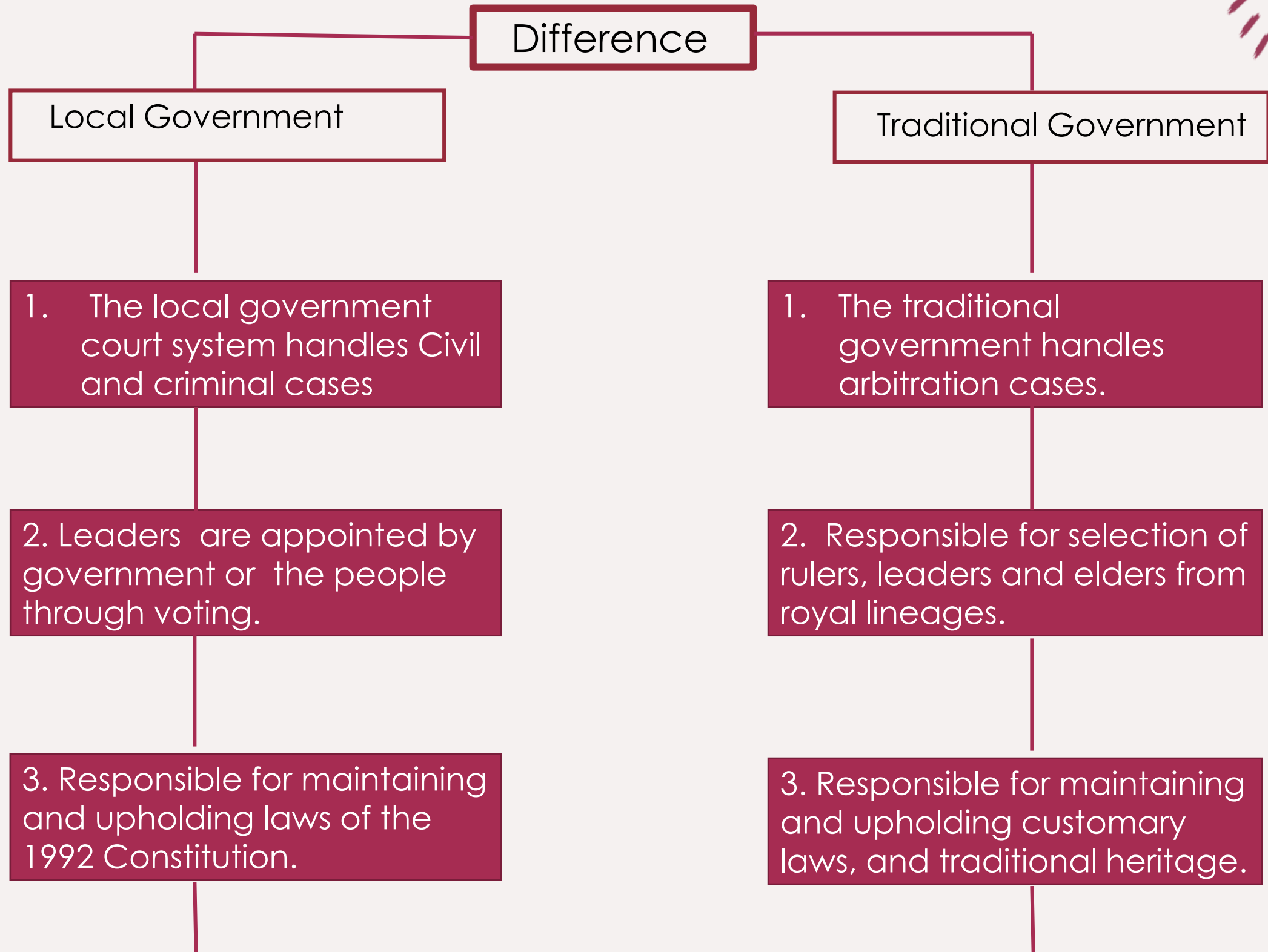


WORKING SPACES AVAILABLE IN THE COURT

- Court room
- Account office
- Registrar's office
- Judge's chamber
- Exhibit room
- Washrooms



RELATION BETWEEN THE GOVERNANCE



Source: Mr Augustine Nterful ,the administrator at sub metropolitan assembly Manhya South





EDUCATION



EDUCATION

Education is the process of facilitating learning or the acquisition of knowledge, skills, values, beliefs and habits.

The quality of human resource development of any Metropolitan is largely dependent on the quality of education which is needed for the total development and transformation. It is necessary to ensure that all schools are provided with a well suited atmosphere for teaching and learning.



Image Source: Author, Urban Field Survey, 2023

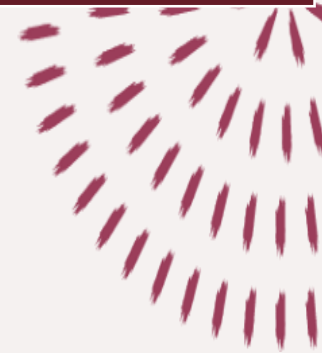
Introduction

“Education is for improving the lives of others and for leaving your community and world better than you found it.”

-Marian Wright Edelman

1

QUESTIONNAIRE FOR SCHOOLS



1. Name of School
2. Type of School: KG/ Primary/JHS/ SHS/ Vocational/ Technical/ University
3. Ownership: Public/ Private
4. Total number of students: Male..... Female.....
5. Total number of students with disability: Male..... Female.....

CLASS	NUMBER		CLASS	NUMBER	
	Male	Female		Male	Female

1. Total number of classrooms...
2. Average class size.....
3. Students to classrooms ratio...(calculate)

❖ Number of staff

TRAINED		UNTRAINED		NON-TEACHING	
Male	Female	Male	Female	Male	Female

❖ What is the level of qualification for teachers?

- Diploma
- B.E.D/ Degree
- MBA
- MPHIL
- Others(specify).....

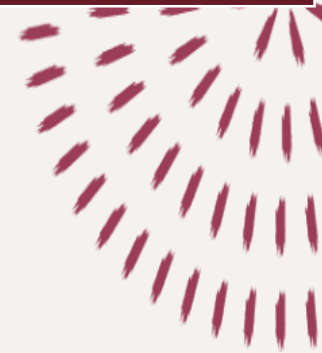
FACILITIES WITHIN THE SCHOOL

What are the other facilities owned? State number

- Canteen
- Play field
- Washroom
- Storage



QUESTIONNAIRE FOR SCHOOLS



AID/GRANTS

1. Is there any extra source of funding? Yes/ No
2. If Yes, from where?.....

❖ How often is the building maintained?

- Monthly Yearly When needed
- Quarterly Never

❖ Who funds the maintenance?.....

- Internally generated fund
- Capitation grants
- NGO
- Others(specify).....

WASTE MANAGEMENT

How does the school dispose their Solid waste?

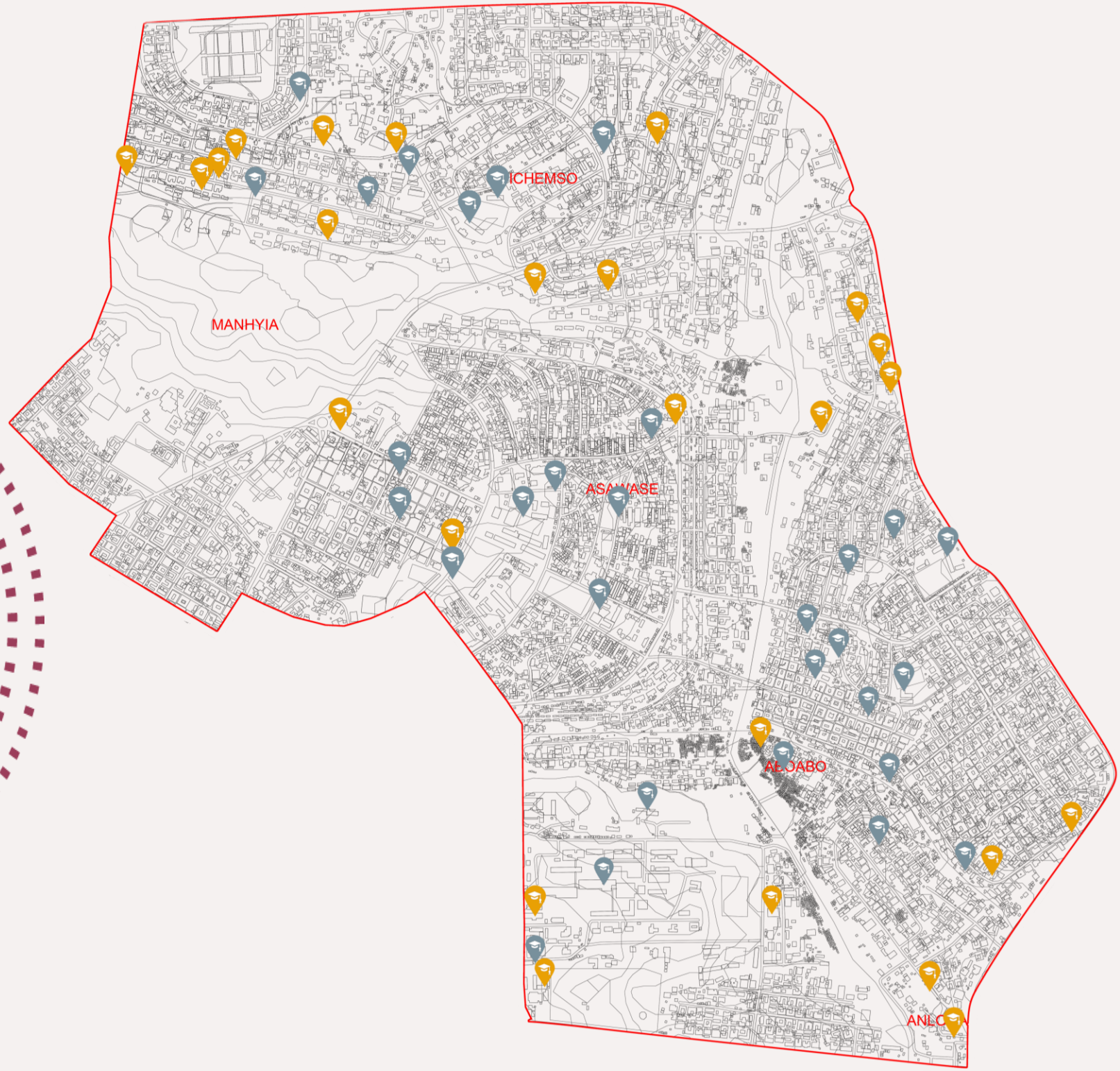
- Burns it
- Buries it
- Open dumping
- Use of 'Zoomlion' bins

How does the school dispose their liquid waste?




- Throw unto compound
- Straight into gutters
- Use of drainage systems into gutters



MAP OF ENCLAVE SHOWING EDUCATIONAL FACILITIES



LEGEND

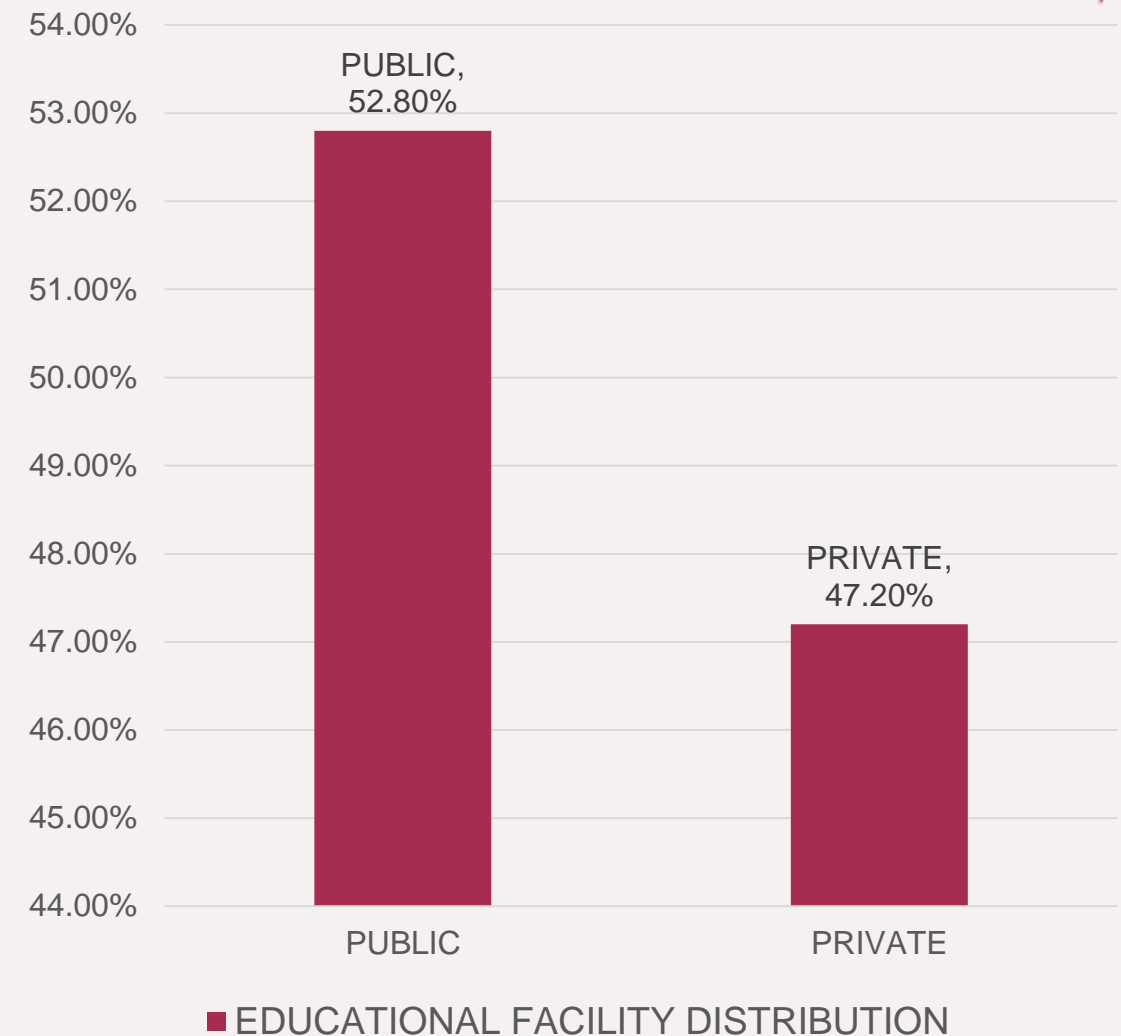
-  Private Schools
-  Public Schools
-  Zone Boundary

- The enclave has a wide range of facilities that cater to various educational levels. These include basic schools (predominant), senior high schools and tertiary institutions.
- Ownership status range from public i.e. government owned to private which is mostly affiliated to a church or an individual.



Table Showing The Educational Facility Distribution In The Enclave

Educational Facilities	Public		Private	
	No.	Percentage (%)	No.	Percentage (%)
Creche/Nursery	0	0	18	26.0
K.G.	11	24.4	18	26.0
Primary	11	24.4	18	26.0
JHS	18	40	15	22
SHS	2	4.4	0	0
Vocational	0	0	0	0
Technical	1	2.2	0	0
Tertiary	3	4.4	0	0
Total	45	100	69	100



Bar Chart Showing The Educational Facility Distribution In The Enclave



MAP SHOWING EDUCATIONAL FACILITIES IN ZONE 1



Institute of Business Management and Journalism
(Latitude=6.710116, Longitude=-1.616334)



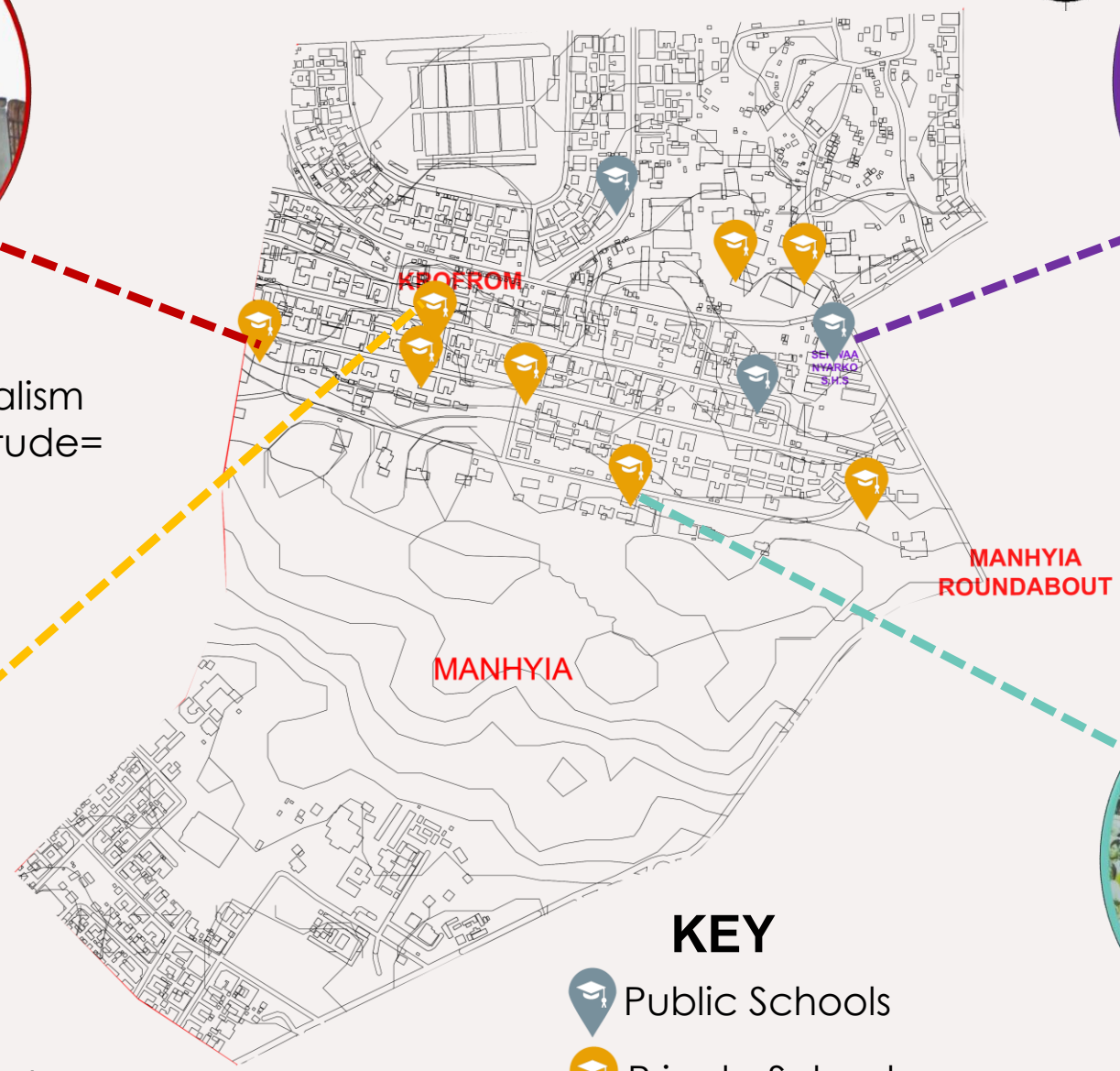
Serwaa Nyarko Girls' SHS (6°42'32.20"N, 1°36'32.29"W)



Central Baptist International School
(6°42'36.24"N, 1°36'51.59"W)



Newham Academy
(Latitude=6.708336, Longitude=-1.611513)



KEY

- Public Schools
- Private Schools

Scale:1:10000

- 70% of schools in the zone are private due to the high income earners who reside in this zone who want specialized and high quality education for their children.



MAP SHOWING EDUCATIONAL FACILITIES IN ZONE 2





OTEC School of Journalism
(6°42'13.17"N,1°36'38.17"W)



Scale:1:10000

KEY

-  Public Schools
-  Private Schools

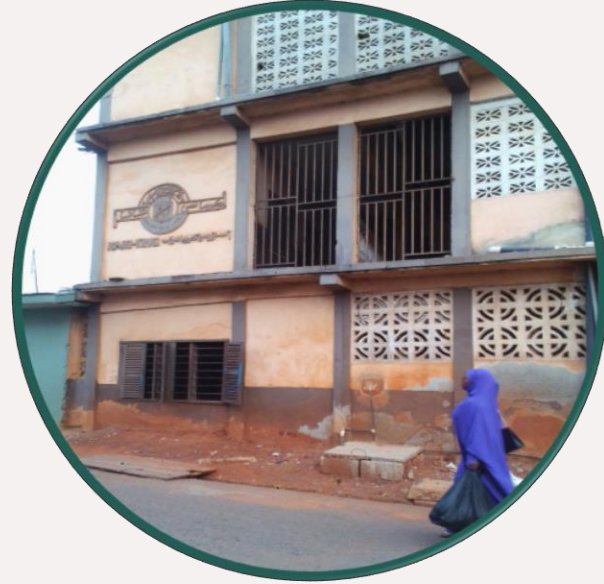


Presbyterian international school
(6°42'05.39"N,1°36'30.15"W)

- There are fewer schools in this zone because it is highly commercialized.



MAP SHOWING EDUCATIONAL FACILITIES IN ZONE 3



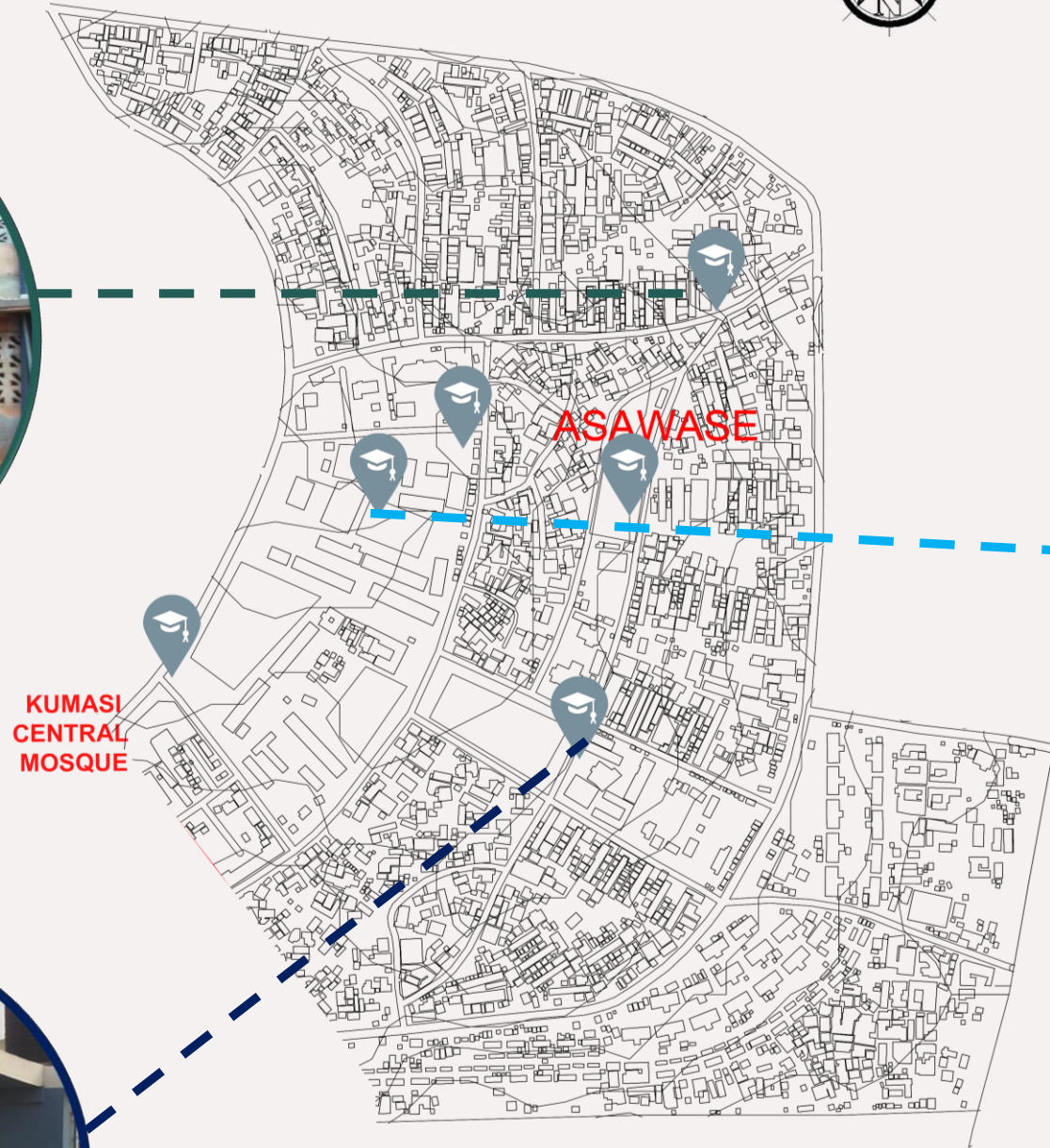
Nurul Ameen basic school ($6^{\circ}41'51.62''N$, $1^{\circ}36'27.03''W$)



St. Theresa's R/C JHS ($6^{\circ}41'10.80''N$, $1^{\circ}36'23.45''W$)



Nurul Ameen Islamic SHS ($6^{\circ}42'09.46''N$, $1^{\circ}36'15.97''W$)



KUMASI CENTRAL MOSQUE

Scale:1:10000

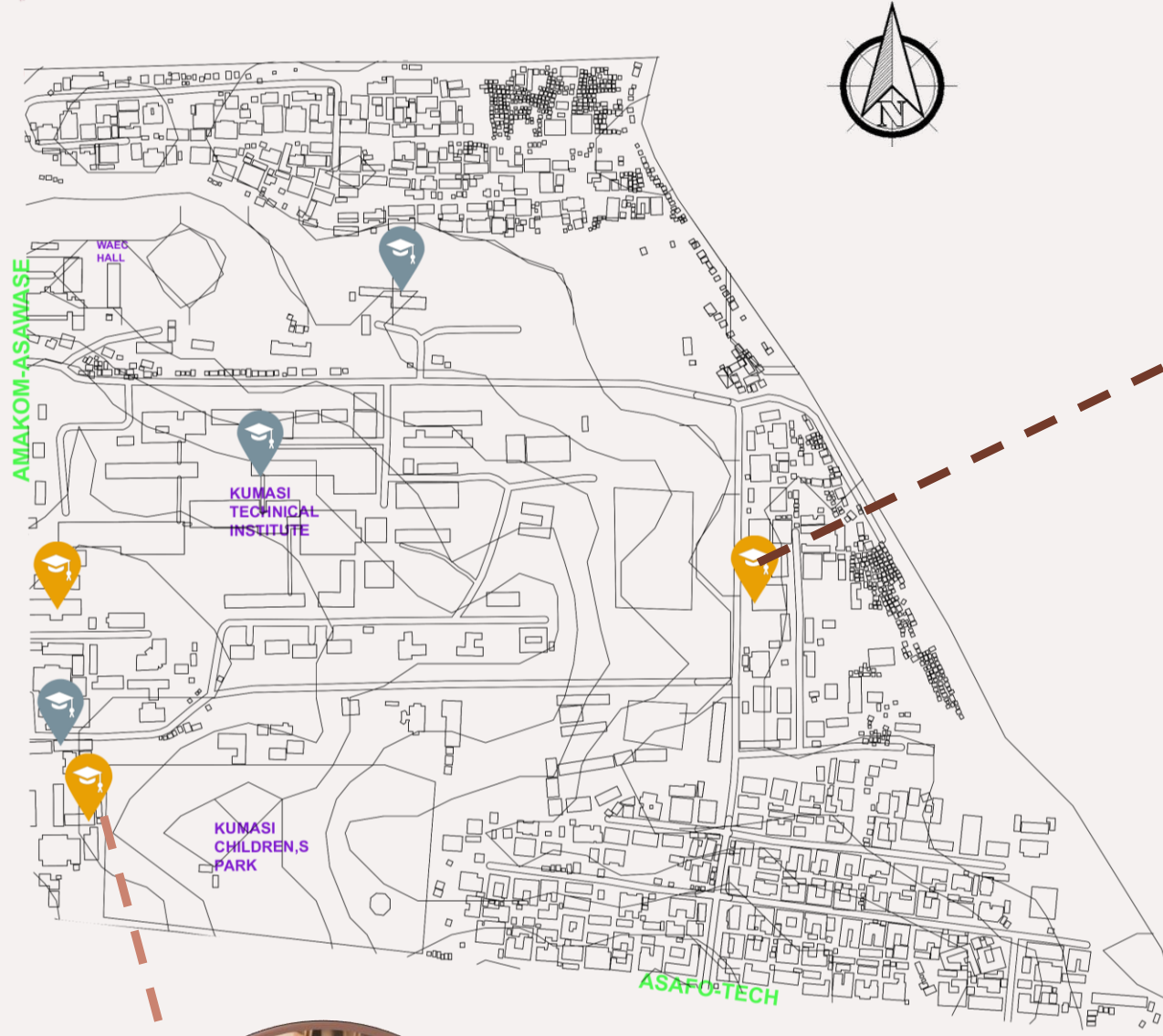
KEY
Public Schools

- Islamic Schools are predominant because there is a large Muslim community in this zone

Image(s) Source: Author, Urban Field Survey, 2023





MAP SHOWING EDUCATIONAL FACILITIES IN ZONE 4



New Oxford International School
 (6°41'32.46"N, 1°36'04.16"W)

KEY

-  Public Schools
-  Private Schools

- University Of Ghana, Kumasi City campus and Kumasi Technical Institute cover large areas of this zone due to their student population and their many buildings and support facilities



M/A Bediako Adventist Preparatory School
 (6°41'27.10"N, 1°36'24.12"W)

Scale:1:10000

Image(s) Source: Author, Urban Field Survey, 2023



MAP SHOWING EDUCATIONAL FACILITIES IN ZONE 5



Centre For Islamic Calling and Studies(6°41'39.59"N,1°35'54.25"W)



Grace International School
(Latitude=6.690565, Longitude= -1.597266)

KEY

- Public Schools
- Private Schools

- Majority of the schools are Islamic schools because of the large Muslim community in the zone



MAP SHOWING EDUCATIONAL FACILITIES IN ZONE 6



New Creation International School
(Latitude=6.693982,
Longitude= -1.599264)



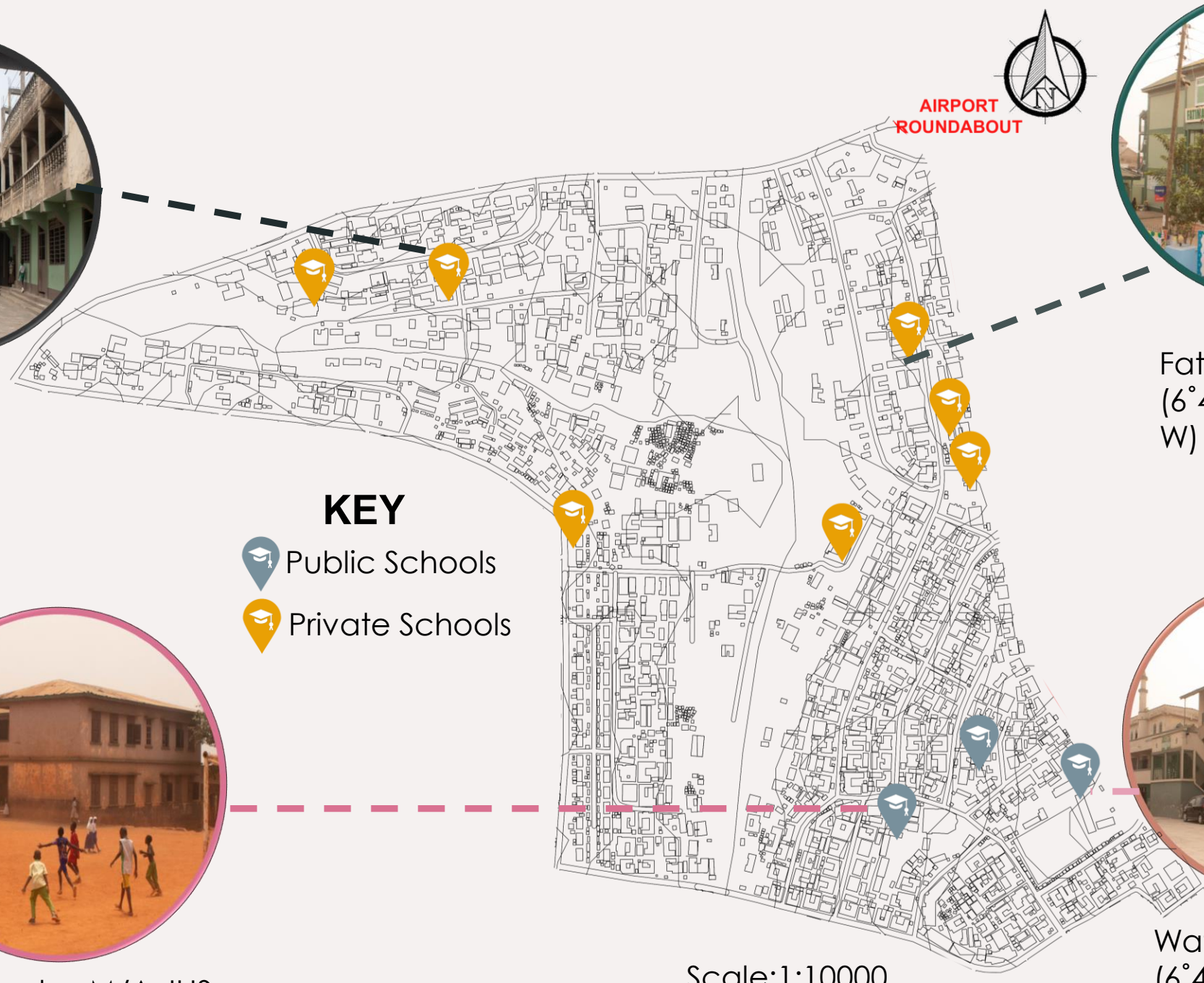
New Aboabo M/A JHS
(Latitude=(6.697796,
Longitude= -1.597922)



Fatima Farida Academy
(6°42'17.57"N,1°35'53.34"
W)



Watania Islamic School
(6°42'00.46"N,1°35'56.7
9"W)



KEY

- Public Schools
- Private Schools

- This zone has only basic schools, that is, Creche/Nursery to JHS



MAP SHOWING EDUCATIONAL FACILITIES IN ZONE 7



Dichemso M/A JHS B School
School(6°42'32.46"N,1°36'29.62"W)



Scale:1:10000

KEY

- Public Schools
- Private Schools



Kids Pride Academy(6°42'38.53"N,1°36'13.13"W)



ENROLLMENT OF STUDENTS (2022/2023)

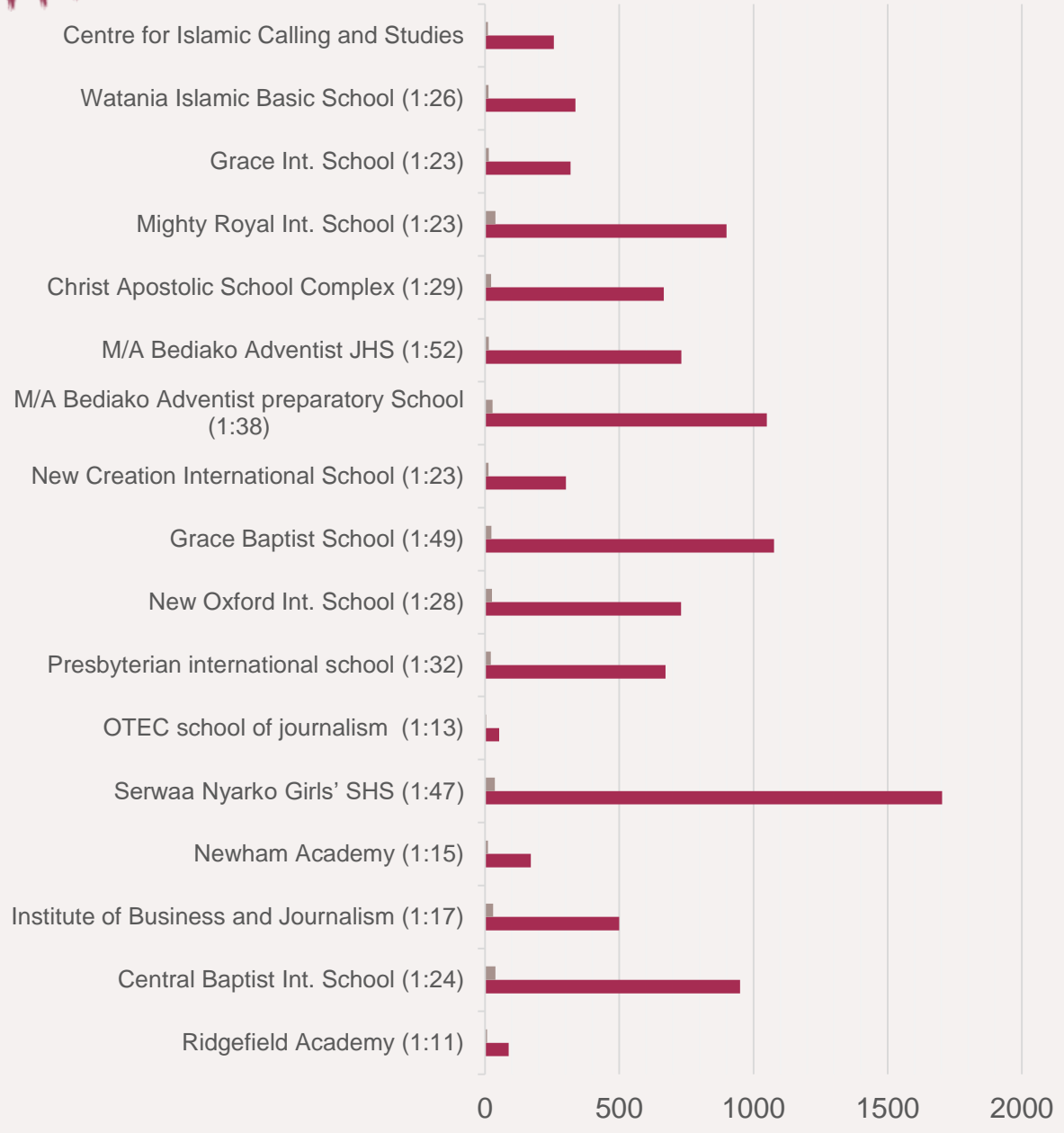
No.	Name of the school	Education Level	Male students	Female students	Total
01	Ridgefield Academy	Creche to Class 2	53	35	88
02	Central Baptist Int. School	k.G to JHS	450	500	950
03	Institute of Business and Journalism	Bsc. degree	334	166	500
04	Newham Academy	Creche to Class 4	80	90	170
05	Serwaa Nyarko Girls' SHS	SHS 1 to SHS 3	0	1703	1703
06	OTEC school of journalism	Tertiary	22	31	53
07	Presbyterian international school	Creche to JHS	332	340	672
08	New Oxford International School	Creche to JHS	350	380	730
09	Grace Baptist School	Nursery to JHs	670	407	1077
10	New Creation International School	Creche to JHS	181	120	301
11	M/A Bediako Adventist preparatory School	Creche to Class Six	564	486	1050
12	M/A Bediako Adventist JHS	JHS	376	355	731
13	Christ Apostolic School Complex	Creche to JHS	400	266	666
14	Mighty Royal Int. School	Creche to JHS	540	360	900
15	Grace Int. School	Creche to JHS	143	175	318
16	Watania Islamic Basic School	KG to JHS	145	192	337
17	Centre for Islamic Calling and Studies	KG to JHS	126	130	256

STAFF POPULATION

No.	Name of the school	Teaching Staff		Total	Non-Teaching Staff		Total
		Male	Female		Male	Female	
01	Ridgefield Academy	0	8	8	1	3	4
02	Central Baptist Int. School	24	10	34	3	5	8
03	Institute of Business and Journalism	13	2	15	2	8	10
04	Newham Academy	4	8	12	2	2	4
05	Serwaa Nyarko Girls' SHS	73	113	186	23	30	53
06	OTEC school of journalism	6	2	8	2	5	7
07	Presbyterian international school	22	18	38	1	6	7
08	New Oxford Int. School	40	5	45	13	8	21
09	Grace Baptist School	30	17	47	5	3	8
10	New Creation International School	11	6	27	1	2	3
11	M/A Bediako Adventist preparatory School	19	24	43	12	13	25
12	M/A Bediako Adventist JHS	20	12	32	4	5	9
13	Christ Apostolic School Complex	12	24	36	3	3	6
14	Mighty Royal Int. School	40	17	57	0	5	5
15	Grace Int. School	10	8	18	0	5	5
16	Watania Islamic Basic School	11	10	21	0	1	1
17	Centre for Islamic Calling and Studies	8	12	20	0	0	0

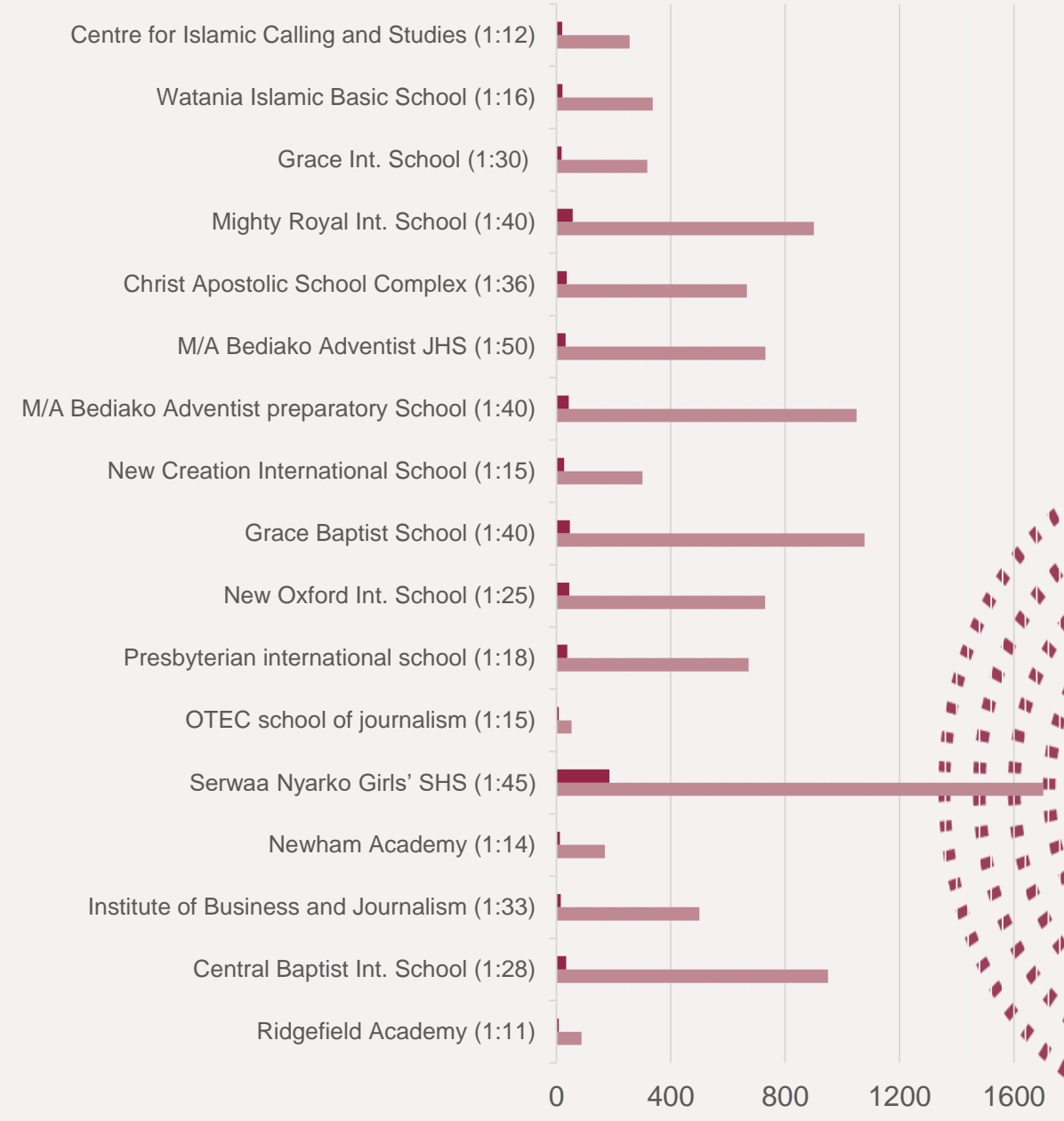
STUDENT TO CLASSROOM RATIO

■ CLASSROOMS ■ STUDENTS



TEACHER TO STUDENT RATIO

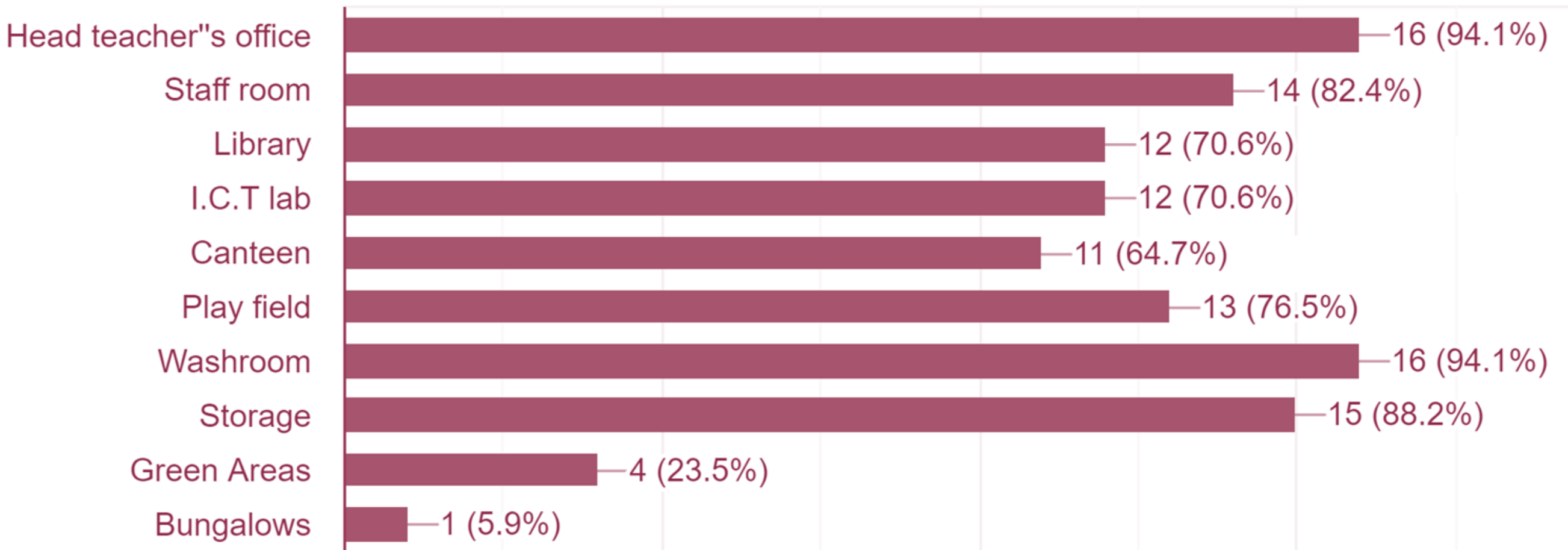
■ TEACHER ■ STUDENTS



Public primary and JHS schools have the highest ratios because education at those levels is free and so the majority of residents who can't afford to pay for private schools fees enroll their children in such schools

Public And Community Services
URBAN SURVEY- KUMASI METROPOLITAN.



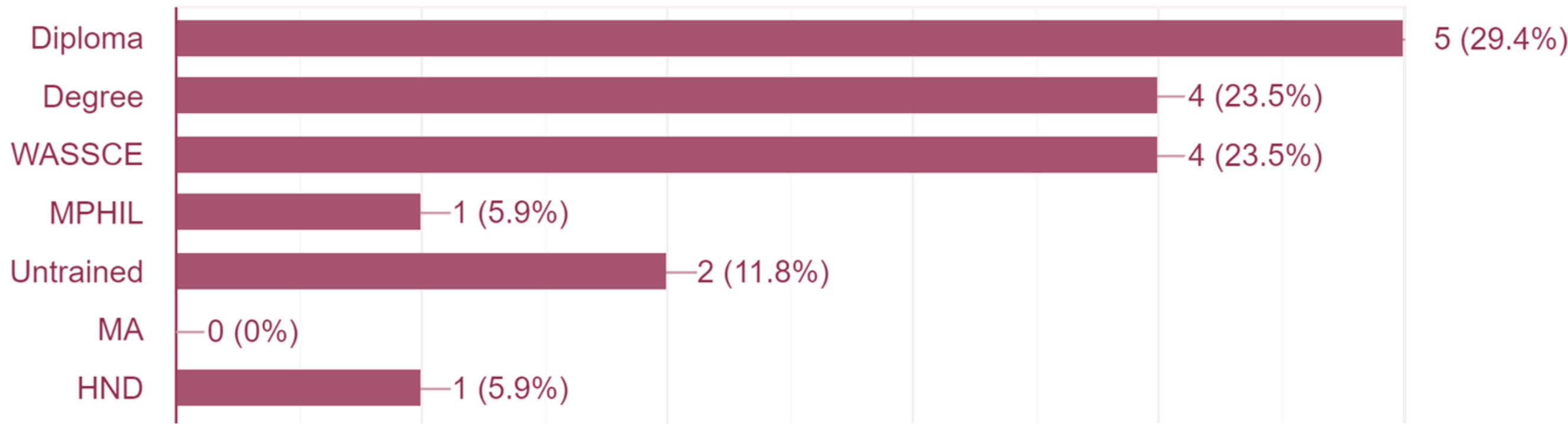


FACILITIES AVAILABLE IN THE SCHOOLS

Findings

1. Most of the schools had the basic facilities needed to run a school like offices, libraries, labs etc.
2. It was observed that the facilities that most schools lacked were green areas.
3. The low number of bungalows was because of the nature of schools dominantly found in the zone i.e basic schools had no need for them.





Minimum Educational level for Creche to JHS Schools:

1. WASSCE
2. Bachelor's Degree
3. Diploma in Education
4. Untrained

Minimum Educational level for SHS, Technical and Tertiary Schools:

1. MPHIL
2. Bachelor's Degree
3. MA
4. HND

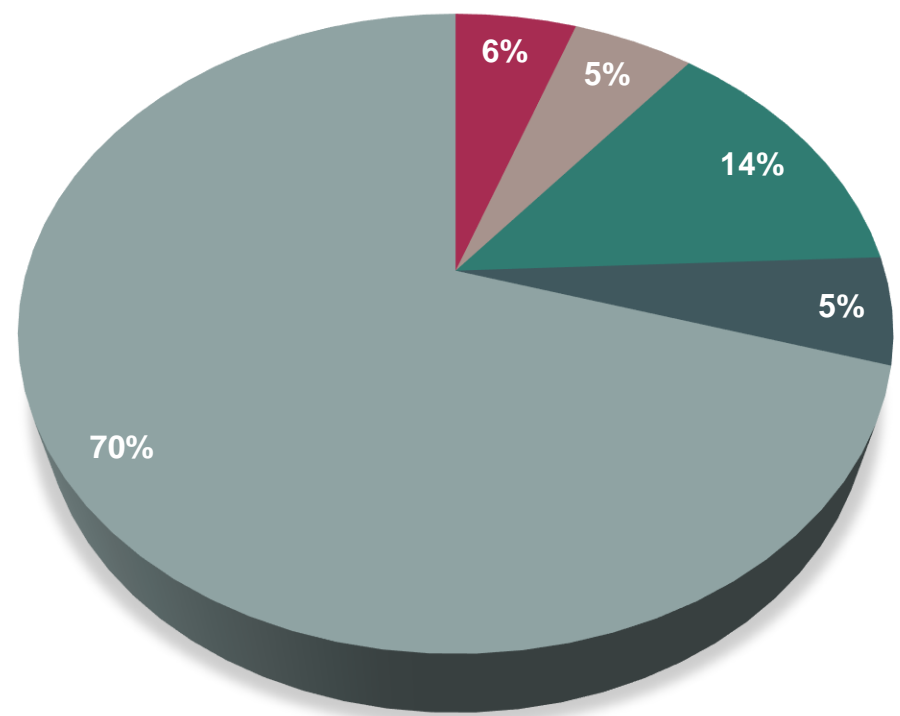
DISTRIBUTION OF MINIMUM EDUCATIONAL QUALIFICATION FOR TEACHERS

Findings

1. Most basic schools and SHS required their teachers to have a minimum educational level of a **BACHELOR'S DEGREE** while those teaching in tertiary level preferred the minimum level of **DIPLOMA**.

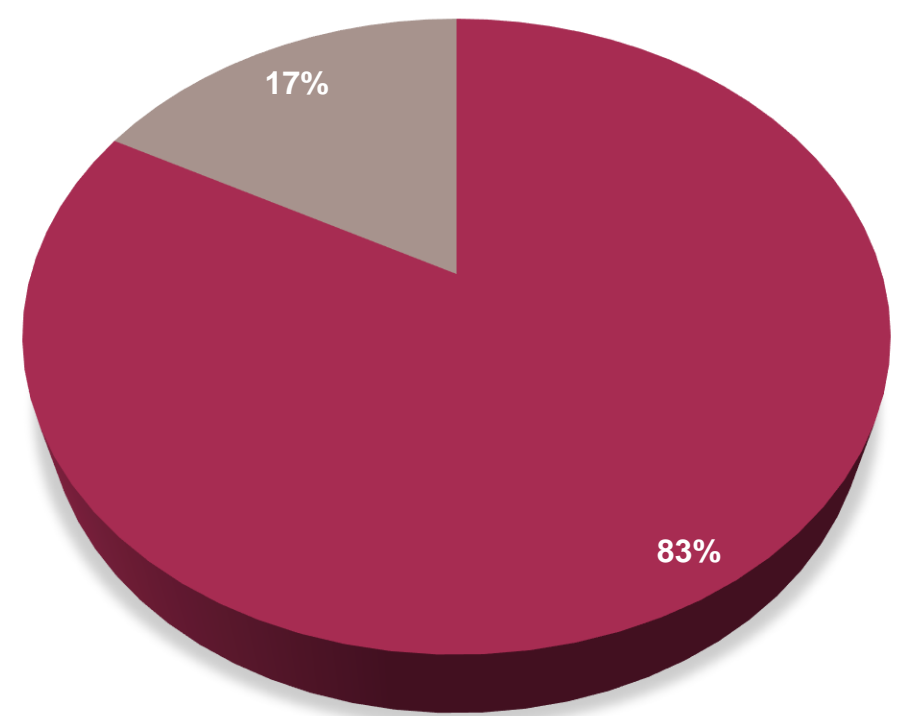


FREQUENCY OF MAINTENANCE



■ Monthly ■ Quarterly ■ Yearly ■ When needed ■ Never

FUNDING FOR MAINTENANCE



■ Internally Generated ■ Capitation Grants

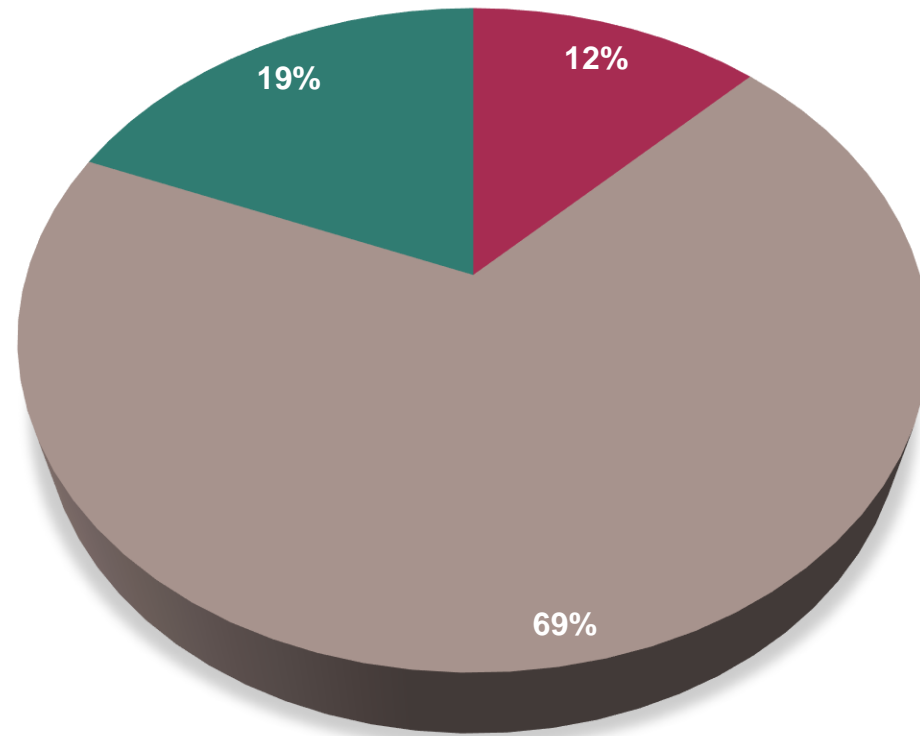
MAINTENANCE IN THE EDUCATIONAL FACILITIES

Findings

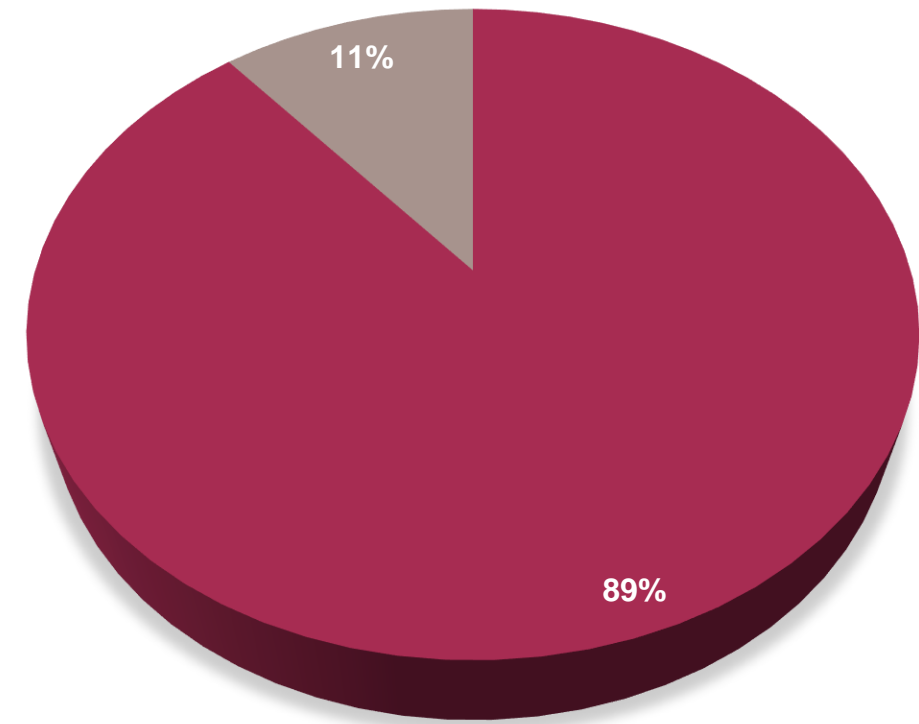
1. Most educational facilities undertake maintenance when necessary due to inadequate funding allotted to maintenance activities
2. Due to the inconsistency of capitation grants needed for maintenance activities headteachers of public schools raise funds to support in emergency situations.
3. Funds for maintenance of private schools are only internally generated.



SOLID WASTE



LIQUID WASTE



■ Open Dumping ■ Zoomlion Ghana Ltd. ■ Waste Tricycle Operators

■ Drainage system into gutter ■ Capitation Grants

WASTE DISPOSAL METHODS OF EDUCATIONAL FACILITIES

Findings

1. Majority of the educational facilities made use of zoomlion bins to get rid of their solid waste with a few other schools using waste tricycle operators or open dumping as their means of solid waste disposal.
2. Most educational facilities had drainage systems that sent effluent and other liquid waste into gutters with a few others throwing their liquid waste onto the ground.



CASE STUDY – CHRIST APOSTOLIC SCHOOL COMPLEX (ZONE 6)



Classroom



I.T laboratory

LOCATION

3 Antoa Road, Kumasi
 (6°42'24.33"N, 1°36'22.92"W)

PROFILE

This **private school (Basic School)** was established in 2005 with initial enrollment of 5 students

Current Student Population-666
Teaching Staff population-36
Non Teaching Staff population-6

FACILITIES AVAILABLE

- Head teacher's office
- Staff room
- Library
- I.C.T Lab
- Playing field
- Storage
- Washroom



School bus parked beside Admin. Block



Playing Area (Compound)



CASE STUDY – CHRIST APOSTOLIC SCHOOL COMPLEX (ZONE 6) PERIPHERAL OF THE FACILITY



Metal fencing around school



Back entrance to school compound



Bridge access to school facility



Open dumping site used by the school



CCTV Security Camera

OBSERVATIONS

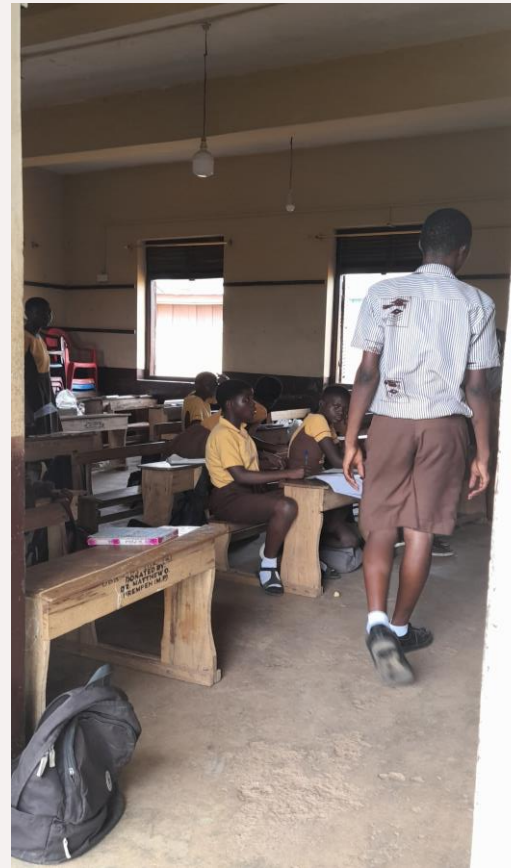
- Security cameras to enhance the safety of students
- Water, electricity, good drainage systems are all available in the school.

MAJOR CHALLENGE

- Dilapidated metal bridge is a hazard to children who use it to get to school.



CASE STUDY – DICHEMSO M/A JHS B (ZONE 7)



Classroom



Headteacher's office

LOCATION

P95R+FRJDichemso Rd.(6°42'32.46"N,1°36'29.62"W)

PROFILE

Public School (Basic School)

Current Student Population-145

Teaching Staff population-9

Non Teaching Staff population-7

FACILITIES AVAILABLE

- Head teacher's office
- Staff room
- Playing field
- Washroom



Football field (Otumfuo Park)

Image(s) Source: Author, Urban Field Survey,2023





CASE STUDY – DICHEMSO M/A JHS B (ZONE 7)



Water Storage Tank



Poorly maintained plywood ceiling



Wooden shutters for ventilation

OBSERVATIONS

- Poorly maintained ceilings
- Water, electricity, good drainage systems are all available in the school.

MAJOR CHALLENGES

- No library or I.C.T lab facilities
- Shutters have weak hinges and so do not protect students when there are heavy rains because they cannot be closed.

Image(s) Source: Author, Urban Field Survey, 2023





HEALTH





QUESTIONNAIRES

1. Ownership of health facility
 Public
 Private

2. Type of Health Facility.
 • CHIPS compound
 • Clinic
 • Hospital (Regional, district,)
 • Pharmacy
 • Others (specify)

3. Number of personnel.
 • Doctors.....
 • Nurses.....
 • Pharmacists.....
 • Lab technicians.....
 • Supporting Staff.....

4. Number and types of facility.
 • OPD.....
 • Laboratory.....
 • Pharmacy/Dispensary.....

• Emergency room.....
 • Wards.....
 • Theatre.....
 • Others (specify).....

5. Ancillary facilities
 • Kitchen\canteen
 • Washrooms
 • Storage
 • Others (Specify)

6. What is the doctor to patient ratio?



8. What is the facility to patient ratio?
.....
.....

9. How is the facility maintained How often?

DAILY	
MONTHLY	
YEARLY	
QUARTELY	
NEVER	

10. What is the bed to ward ratio?
.....
.....

11. What are the most common diseases reported and recorded
.....
.....

13. How are emergencies responded ?
.....
.....

14. Are there vaccination programs?
• YES()
• NO()

15. Are NHIS holders accepted?
• YES()
• NO()

16. Average daily number of patients.

0 -100	
101 -200	
201 -300	
Above 300	

17. Services rendered to the facility
• Water
• Electricity

18. How is waste managed?



19. Security

- Any security measures to ensure the safety of the place?

YES/NO

- What are the working hours of the security personnel?

1 -7 hours	
8 -16 hours	
17 -24 hours	

- Any instances of theft cases?

.....

.....

20. Maintenance

- How often is the place maintained?

DAILY	
MONTHLY	
YEARLY	
QUARTELY	
NEVER	

- When last?.....

22. General challenges faced.

.....

.....

HEALTH CARE

“I came to believe that health services ought not to have a price tag on them, and that people should be able to get whatever health services they required irrespective of their individual capacity to pay”.

___ Tommy Douglas ___

In Ghana, the care is taken care of by the Ghana Health Service (G.H.S) who has put in place various factors to contribute to the general welfare of the country.



Examples of such factors is the National Health Insurance which enable Ghanaians accessibility to health care at a subsidized cost or free at times.



WHAT IS HEALTH?

Health is a state of physical, mental and social well-being in which disease and infirmity are absent.

WHAT IS HEALTH SERVICE?

Health service is a public service providing medical care.

Health facilities are places provide health care. They include hospitals, clinics, outpatient care centers, and specialized care centers.

Health care are efforts made to maintained or restore physical, mental, or emotional well-being especially by trained and licensed professionals



HIERARCHY OF HEALTH CARE FACILITIES



Hospital



Clinic



Health center



CHPS compound

HEALTH FACILITIES AVAILABLE

Health facilities are places that provide health care. They include hospitals, clinics, outpatient care centers, and specialized care centers, such as birthing centers and psychiatric care centers. When you choose a health facility, you might want to consider How close it is to where you .

Hospital

- Manhyia District Hospital
- Amoah Agyemang Memorial Hospital.
- Anwiam Hospital.
- Anwiam Hospital Annex.
- Abrafi Memorial Hospital

Clinic

- Walter Aiden Specialist Clinic.
- Dr Wood Clinic
- Ovia health center
- Health angels health care and fertility center
- Khaleej Eye Clinic.
- Providence Health Center.
- VETERINARY CLINIC.
- St Helena Maternity Home
- Konadu Yiadom Memorial maternity and Clinic.
- Alpha Medical Diagnostics Services.
- Dimpa Natural Clinic.
- Yinkah Herbal Clinic

Pharmacy

- Dadycos Pharmacy Ltd.
- Parterns Health Services
- Odokosi pharmacy
- Tagvee pharmacy
- Darkmen pharmacy
- Mmd chemist limited
- Abugri Musah.
- De-Adele pharmacy
- Ray pharmacy
- Ara Pharm Ghana Limited
- Al Adil pharmacy

CHIPS

- Manhyia Community Clinic.





GENERAL MAP



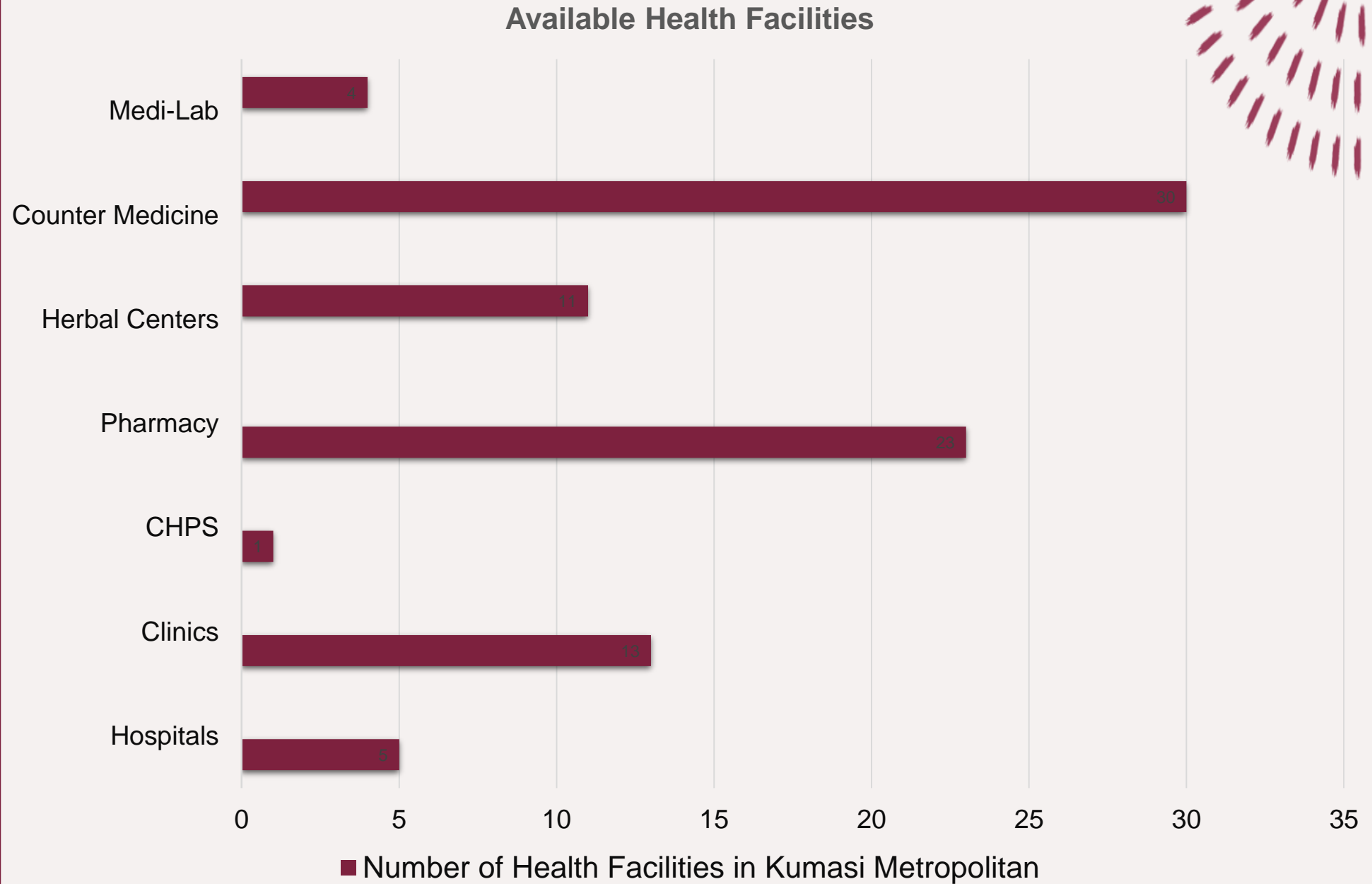
LOCATION MAP SHOWING HEALTH FACILITIES.

Scale - 1:25000

- Number of health Facilities**
87
- Number of Health Personnel**
504
- Waste Management Disposal**
Zoomlion, KMA, Tricycle
- Source of Water**
Ghana water company and wells
- Source of Power**
National Grid and stand by Generators
- Health Insurance**
5 public hospitals accept
The rest does not accept.



Available Health Facilities in Kumasi Metropolitan



- ❑ There are 87 facilities that provide health care service within the zone.
- ❑ These include hospital,clinics,CHPS,Pharmacy,Herbal centers, Counter Medicine and Medi-Lab



ZONE 1

LOCATION MAP SHOWING HEALTH FACILITIES IN ZONE 1



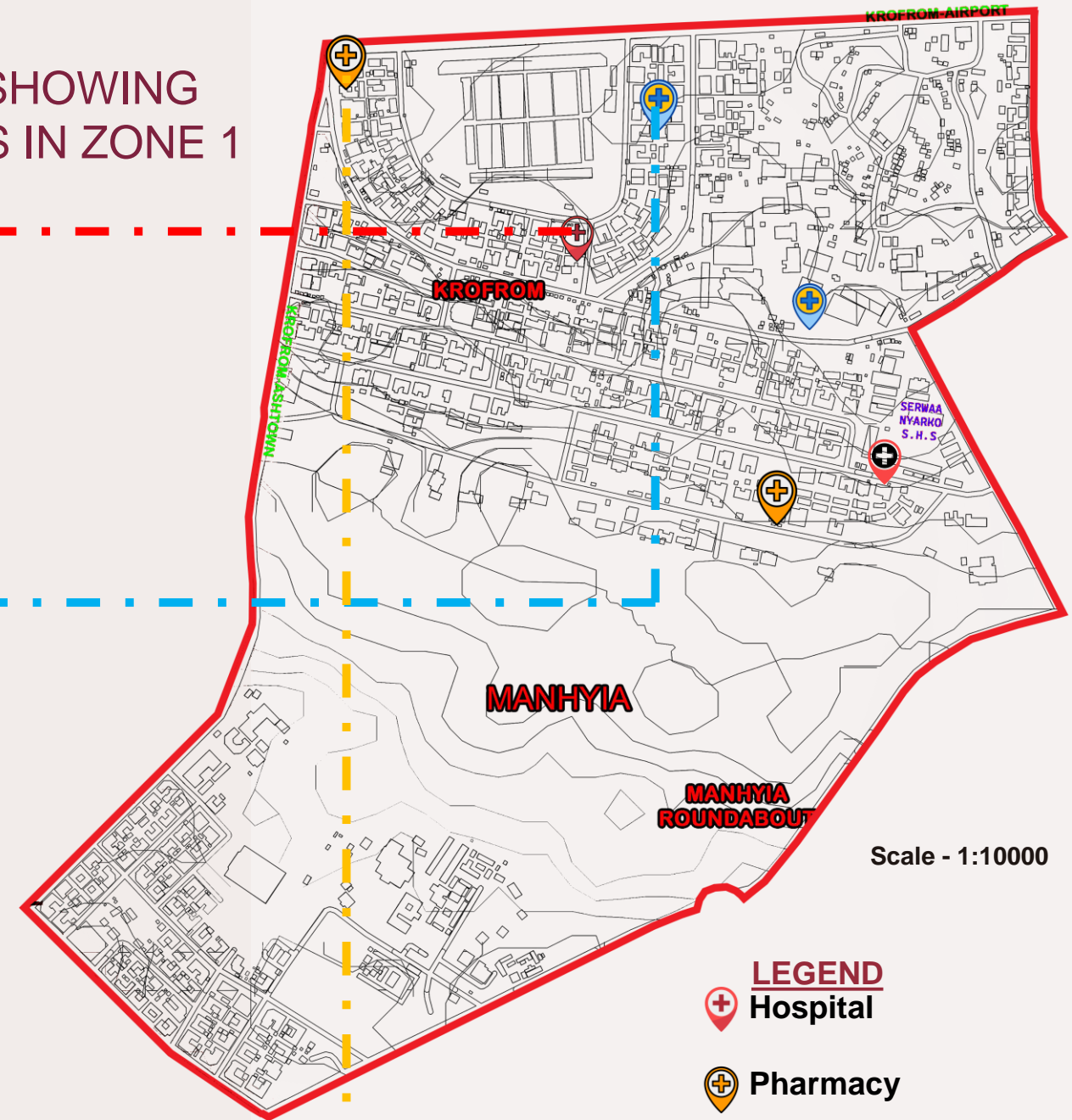
Location: 2nd Krofrom street, Kumasi, Ghana
 Latitude: 6.711922 Longitude: -1.613131









Location: P96Q+V4J, Kumasi, Ghana
 Latitude: 6.712337 Longitude: -1.61227



Location: central market, off Ho akoeffe road
 Kumasi Ghana
 Latitude: 6.703113 Longitude: -1.61583



- LEGEND**
-  Hospital
 -  Pharmacy
 -  Clinic
 -  Chips
 -  Medi labs
 -  Herbal Shop and Counter med



ZONE 2

LOCATION MAP SHOWING HEALTH FACILITIES IN ZONE 2



Manhyia Hospital

Location: Manhyia Road, Kumasi, Ghana
Latitude: 6.708252 **Longitude:** -1.60501



Clinic

Location: M9RX+6CX, Kumasi, Ghana
Latitude: 6.690515 **Longitude:** -1.6012









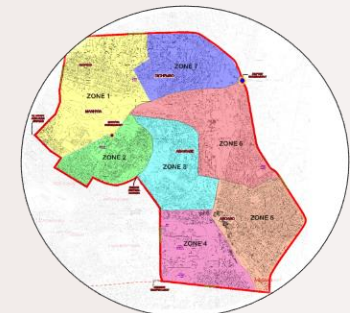
Emperor Pharmacy

Location: MCW4+65V, Kumasi, Ghana
Latitude: 6.695543 **Longitude:** -1.594474



Scale - 1:10000

- LEGEND**
-  **Hospital**
 -  **Pharmacy**
 -  **Clinic**
 -  **Chips**
 -  **Medi labs**
 -  **Herbal Shop and Counter med**



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ZONE 3

LOCATION MAP SHOWING HEALTH FACILITIES IN ZONE 2



Providence Clinic

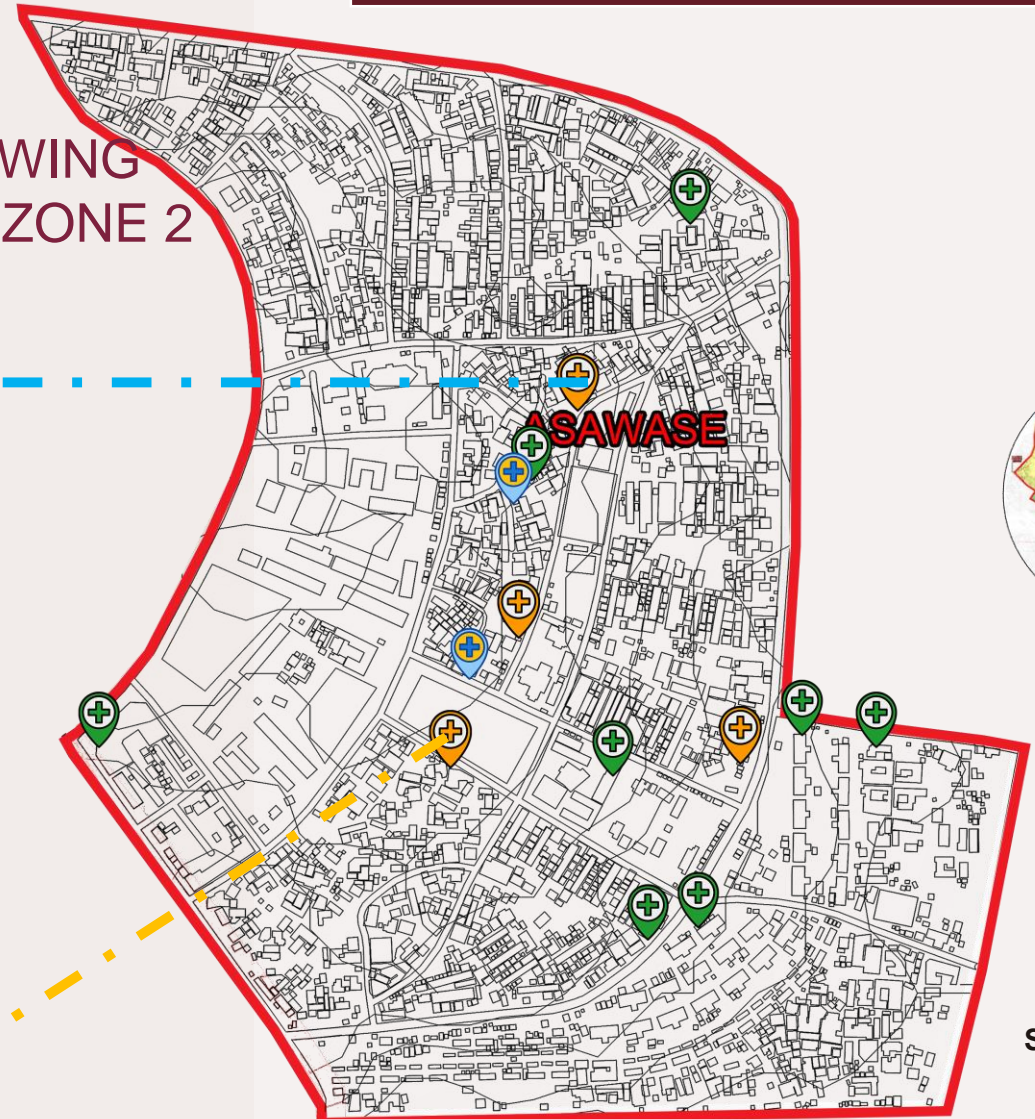
Location: 338 Eastern By-pass, Kumasi, Ghana
Latitude: 6.70259 **Longitude:** -1.60492









Top mag pharmacy

Location: 41 Antoa Rd, Kumasi, Ghana
Latitude: 6.707783 **Longitude:** -1.606899

Source: Author's construct, 2023

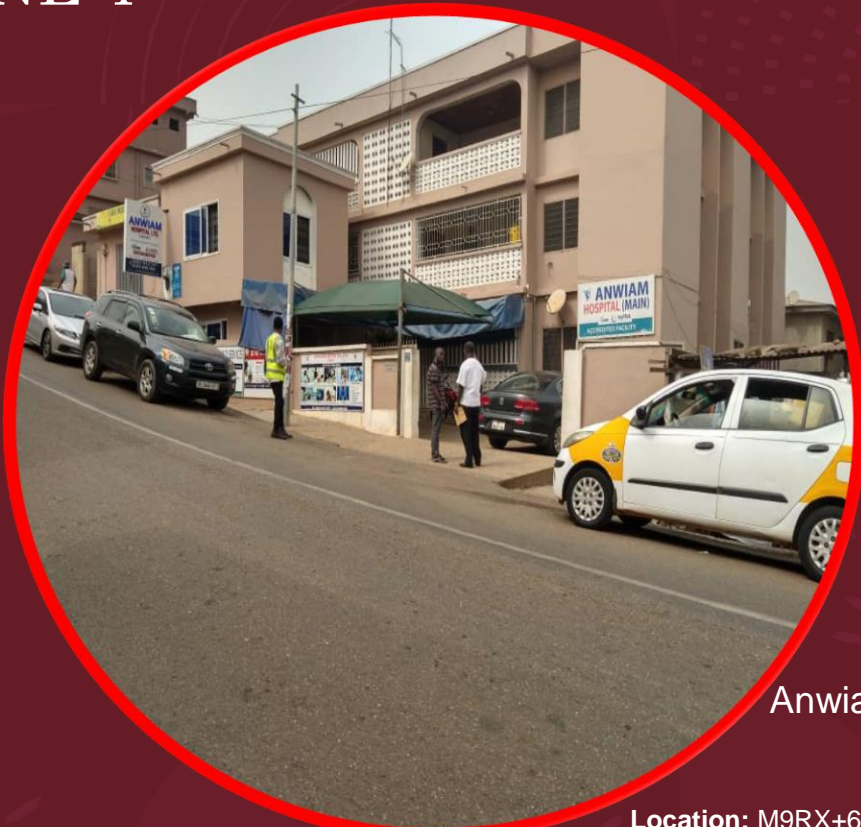


Scale - 1:10000

- LEGEND**
-  **Hospital**
 -  **Pharmacy**
 -  **Clinic**
 -  **Chips**
 -  **Medi labs**
 -  **Herbal Shop and Counter med**



ZONE 4



Anwiam Hospital

Location: M9RX+6CX, Kumasi, Ghana
 Latitude: 6.690557 Longitude: -1.601304

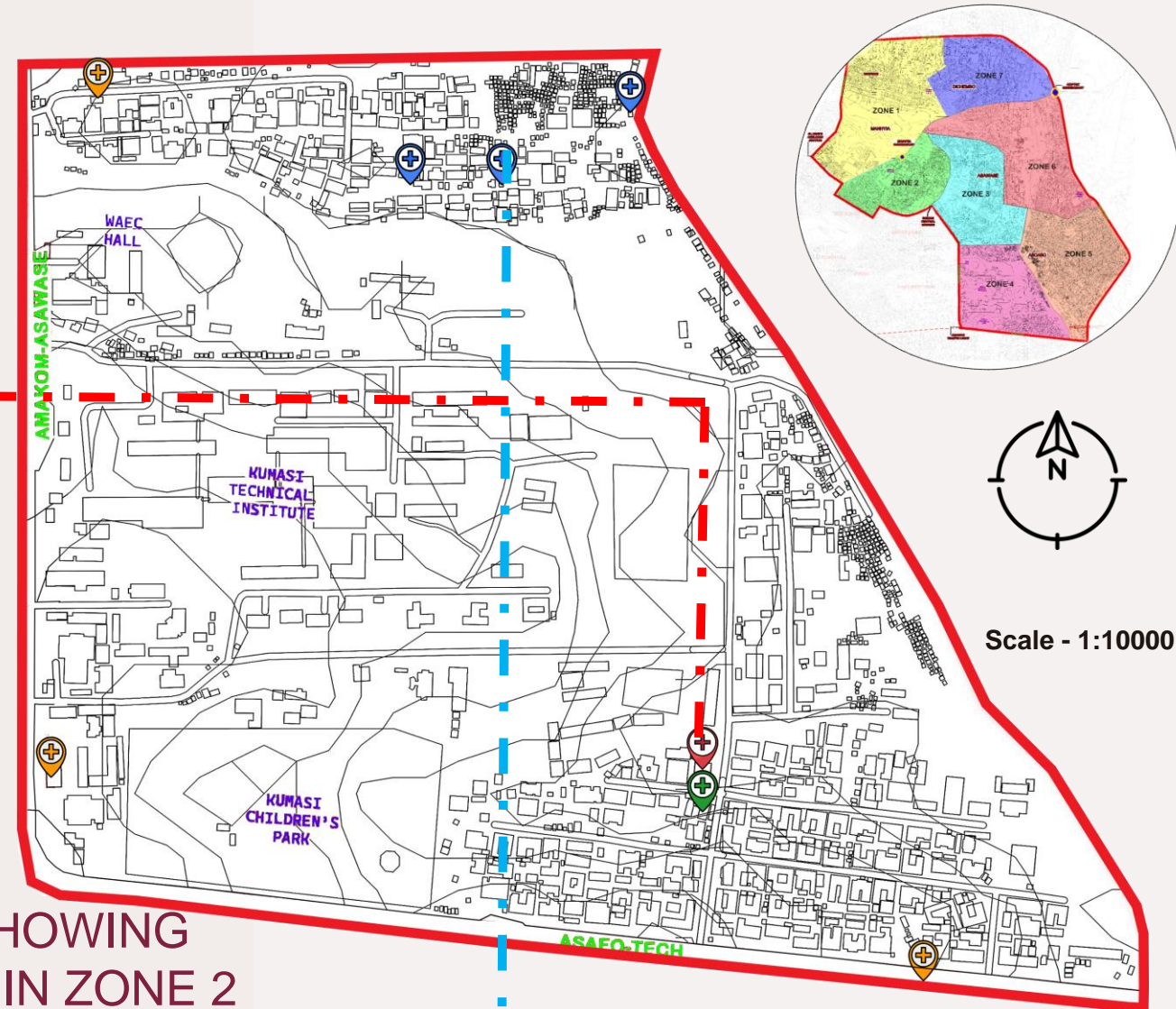








Clinic

Location: M9WX+GMC, Kumasi, Ghana
 Latitude: 6.695628 Longitude: -1.601552

Source: Author's construct, 2023

LOCATION MAP SHOWING HEALTH FACILITIES IN ZONE 2



- LEGEND**
-  Hospital
 -  Pharmacy
 -  Clinic
 -  Chips
 -  Medi labs
 -  Herbal Shop and Counter med



ZONE 5



Awiam Annex Hospital

Location: MCR3+W24 DONYINADURBAR
 GROUNDS Donyina, Kumasi, Ghana
 Latitude: 6.691955 Longitude: -1.597074



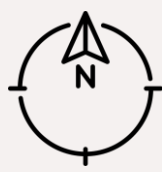
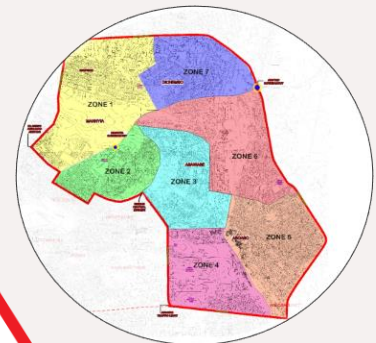
Kasapharm Limited

Location: MCW4+8Q3 JK Acheampong Ave,
 Kumasi, Ghana
 Latitude: 6.695472 Longitude: -1.592629









Saint Helena Clinic

Location: Anwiam, Kumasi, Ghana
 Latitude: 6.691033 Longitude: -1.595513



Scale - 1:10000

- LEGEND**
-  Hospital
 -  Pharmacy
 -  Clinic
 -  Chips
 -  Medi labs
 -  Herbal Shop and Counter med

LOCATION MAP SHOWING
 HEALTH FACILITIES IN ZONE 2

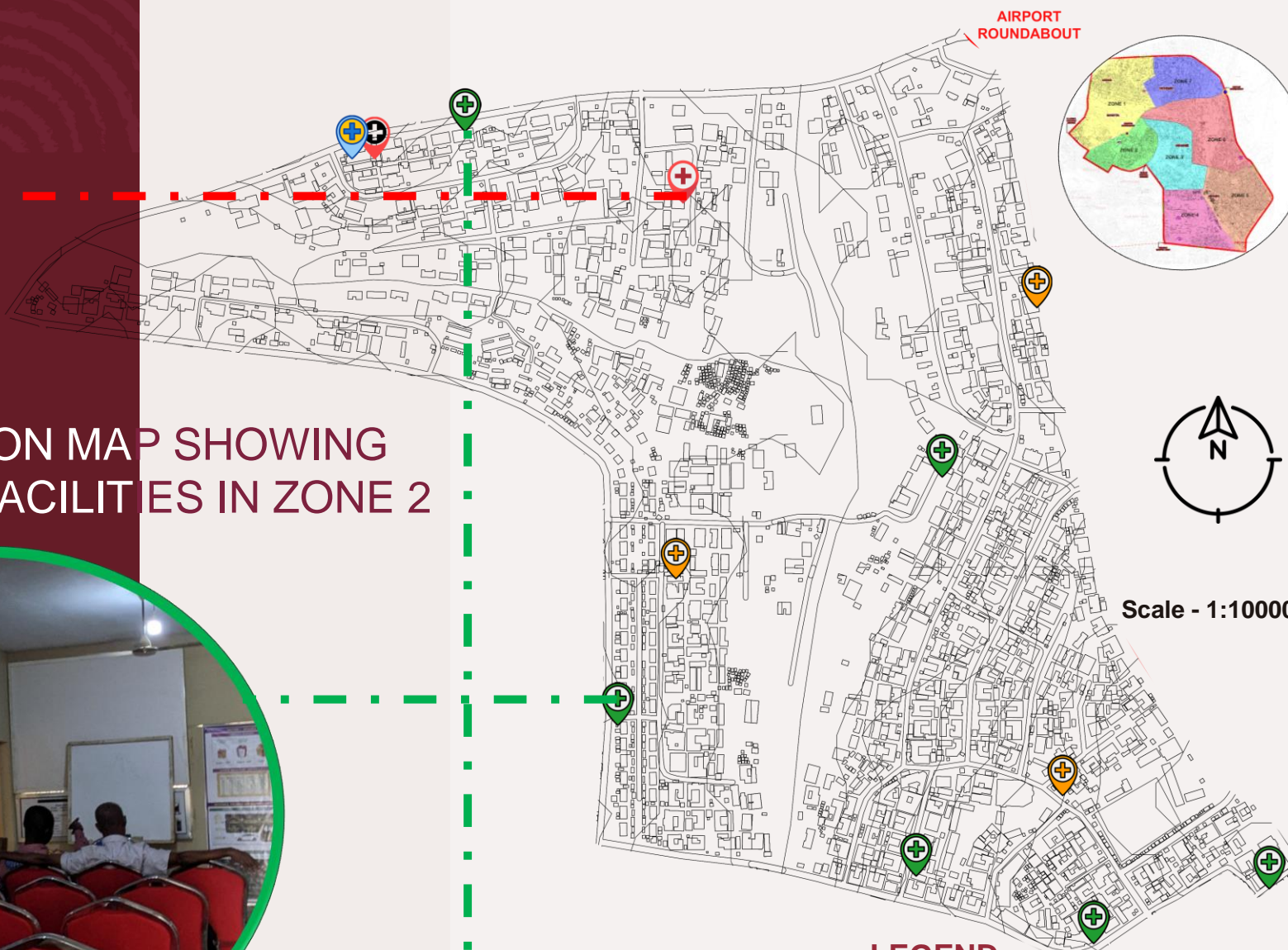
Public And Community Services
 URBAN SURVEY- KUMASI METROPOLITAN.



ZONE 6



LOCATION MAP SHOWING HEALTH FACILITIES IN ZONE 2



Amoaeng memorial Hospital

Location: 41 Antoa Rd, Kumasi, Ghana
Latitude: 6.707783 **Longitude:** -1.606899









Ovia Herbal Center

Location: 338 Eastern By-pass, Kumasi, Ghana
Latitude: 6.70259 **Longitude:** -1.60492



Lionage Herbal Center

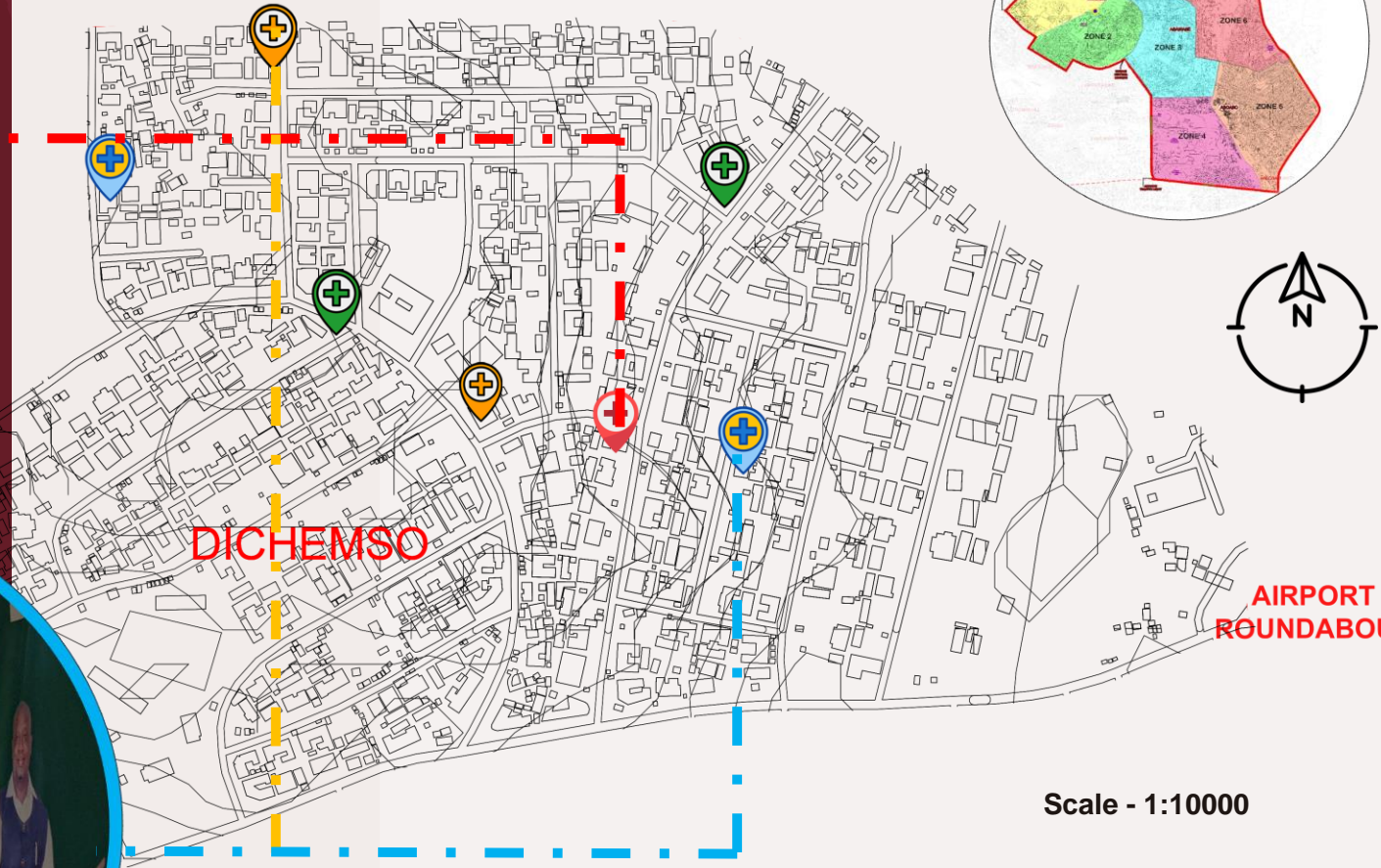
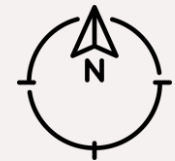
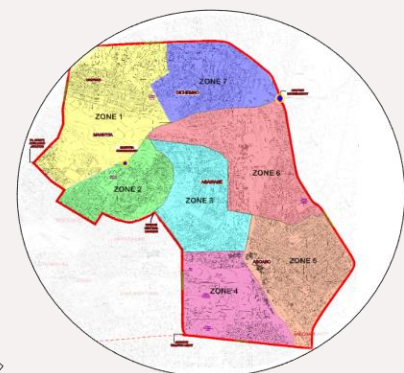
Location: 338 Eastern By-pass, Kumasi, Ghana
Latitude: 6.70259 **Longitude:** -1.60492

- LEGEND**
-  Hospital
 -  Pharmacy
 -  Clinic
 -  Chips
 -  Medi labs
 -  Herbal Shop and Counter med



ZONE 7

LOCATION MAP SHOWING HEALTH FACILITIES IN ZONE 2



Abrafi Memorial Hospital

Location: unnamed Road, Kumasi Ghana
Latitude: 6.698969 **Longitude:** -1.598074









Dinpa Hospital

Location: M9RV+935 Yaa Asantewaa Rd, Kumasi, Ghana
Latitude: 6.690901 **Longitude:** -1.607279

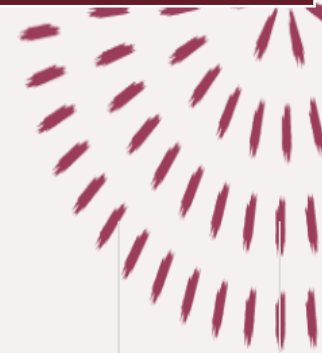


Ardon Pharmacy

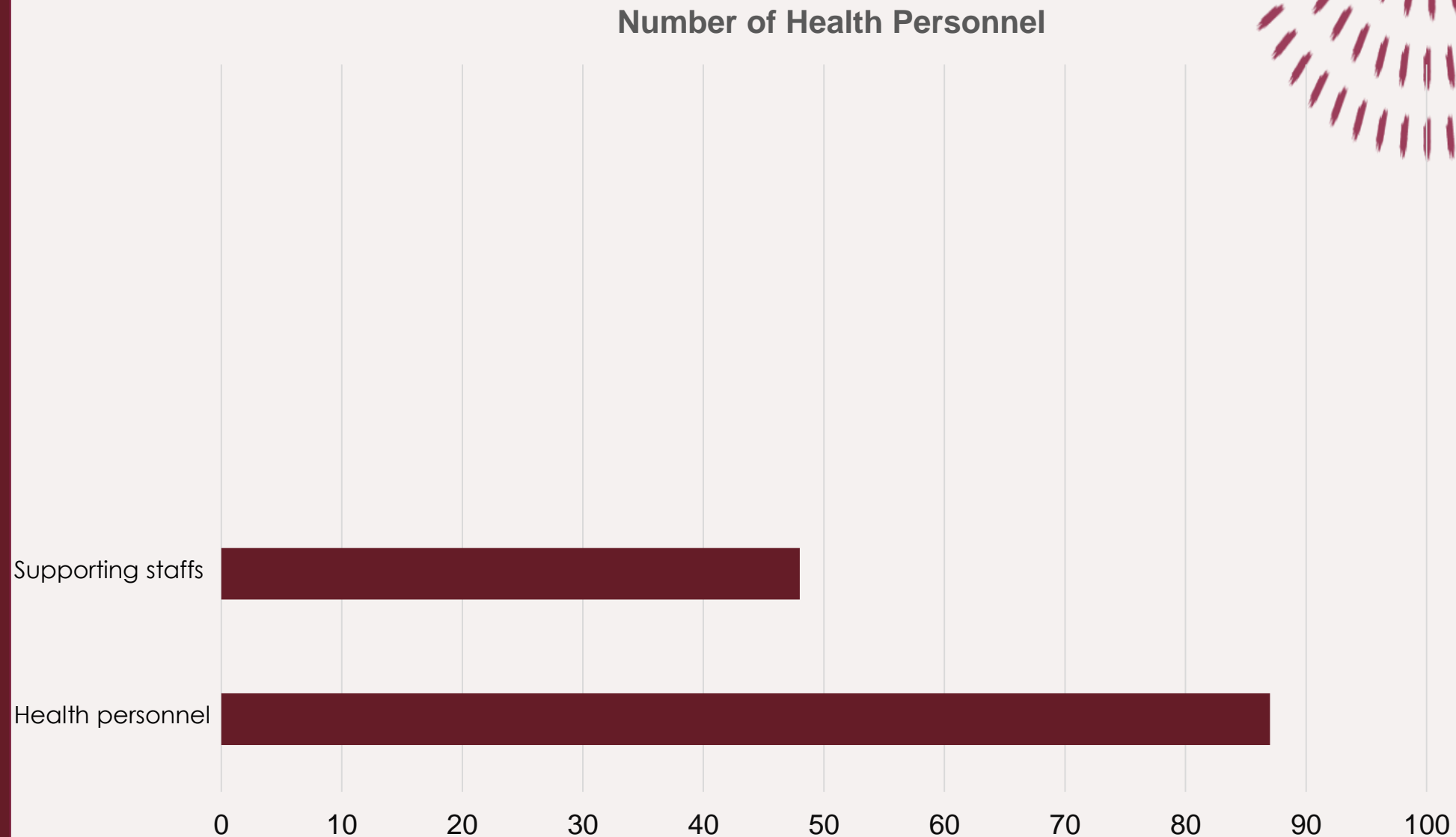
Location: M9VV+V79, Yaa Asantewa Rd, Kumasi, Ghana
Latitude: 6.694588 **Longitude:** -1.605923

- LEGEND**
-  Hospital
 -  Pharmacy
 -  Clinic
 -  Chips
 -  Medi labs
 -  Herbal Shop and Counter med





Number Of Health Personnel



- ❑ There are 409 personnel working currently in the health sector in the zone
- ❑ The health personnel includes: Doctors, Nurses, pharmacist, Lab technician and supporting staff

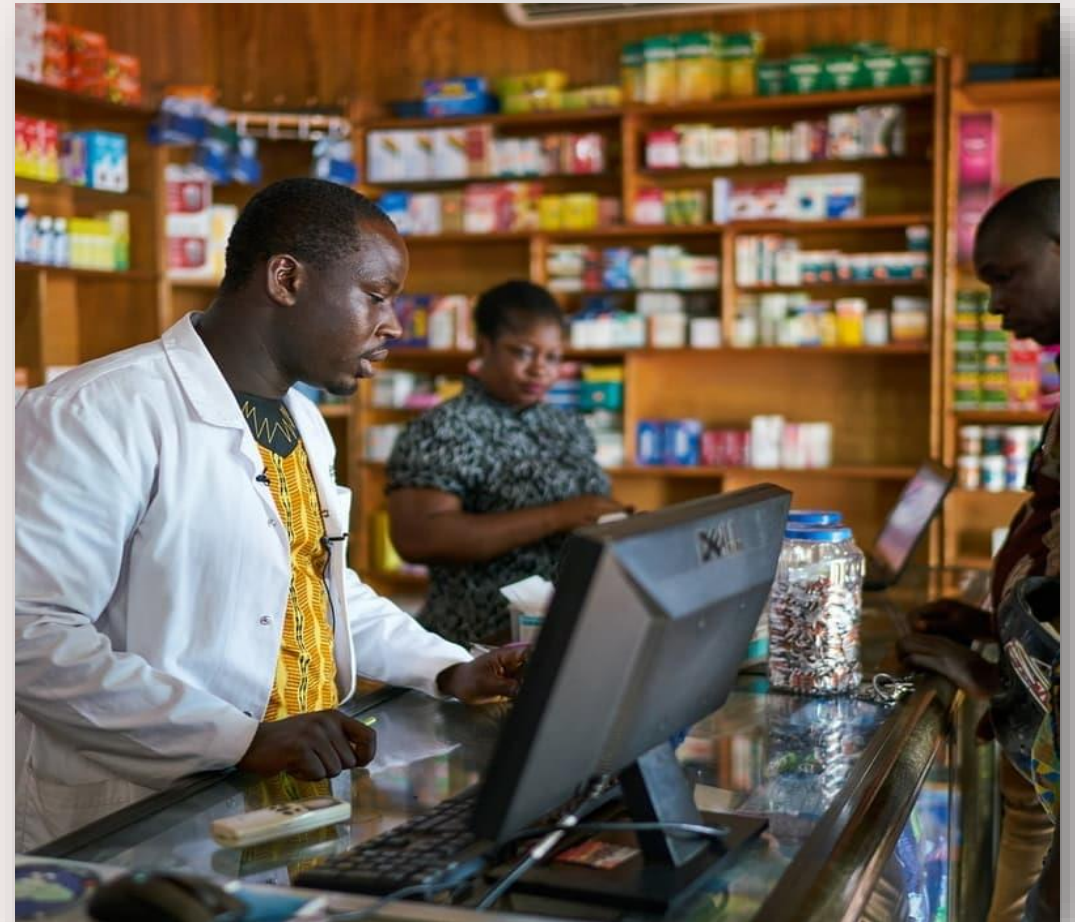


□ The health personnel include

- Surgeons
- Doctors
- Nurses
- Lab technicians
- Pharmacist
- Herbalist

These personnel are divided into two categories, that is government workers and private workers.

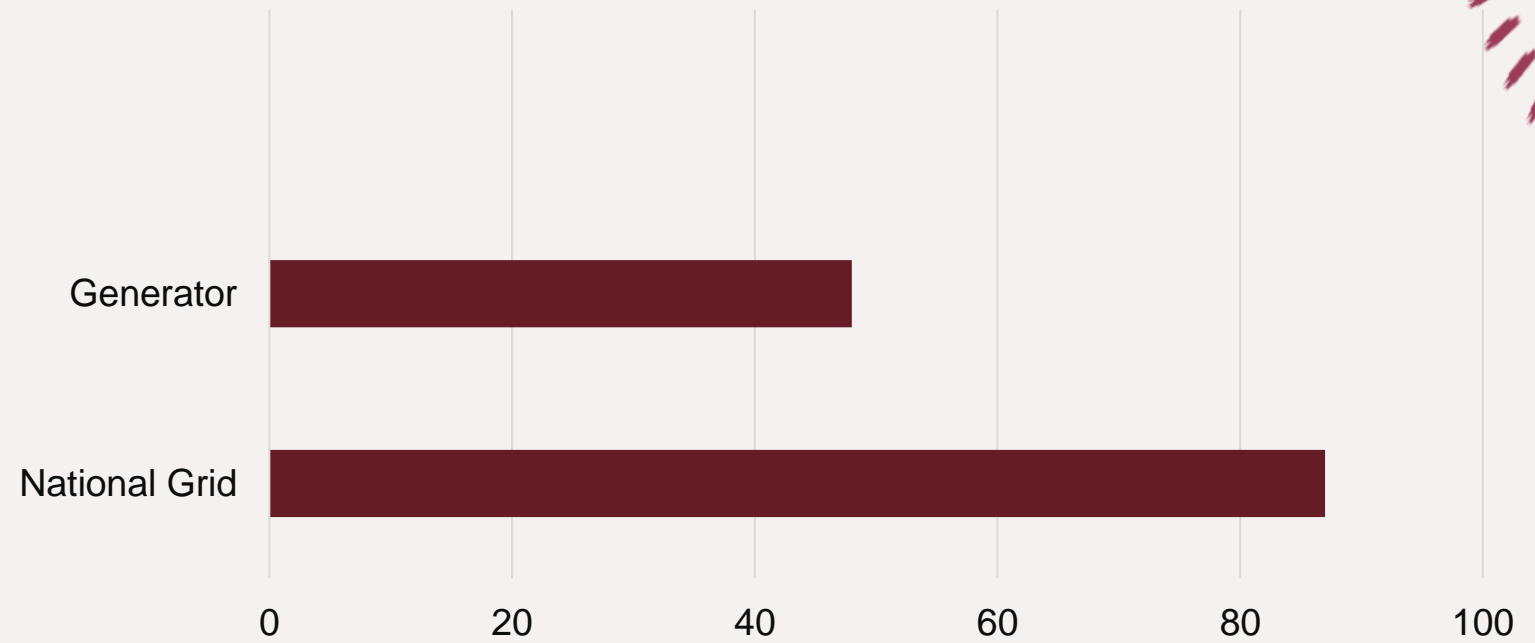
These health personnel work during the day and night depending on their shift hours.



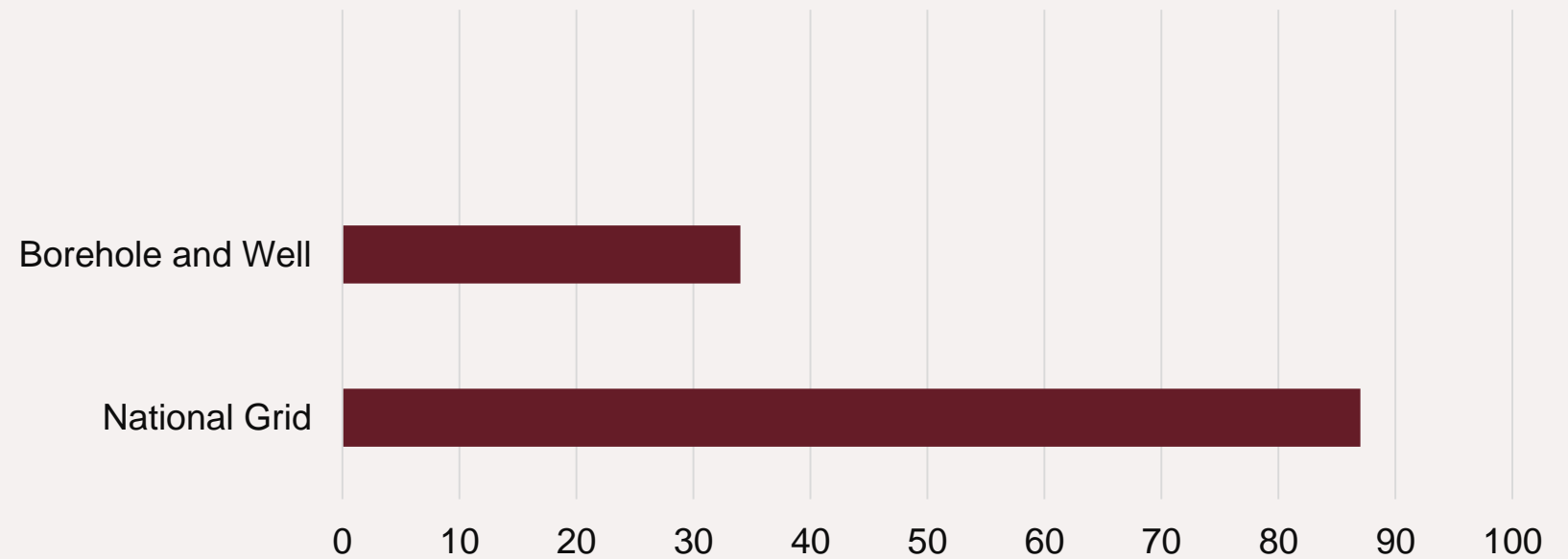
Pharmacist Prescribing medicine to patient



Source of Power



Source of Water



Source of Power and Water



From Interview:

- The main source of power for these health facilities is the electricity provided by the government.
- All the facilities in this zone has stand by generator incase there was power fluctuations.
- From the interviewee it cost a lot to use these generator since a litre of diesel cost 15cedis of which you will need more.

From Interview:

- The national water grid was the highest source of water for the health facilities
- Due to shortage of water from Ghana water company 3 health facilities has boreholes and well.

Public And Community Services

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Electric pole



Standby generator

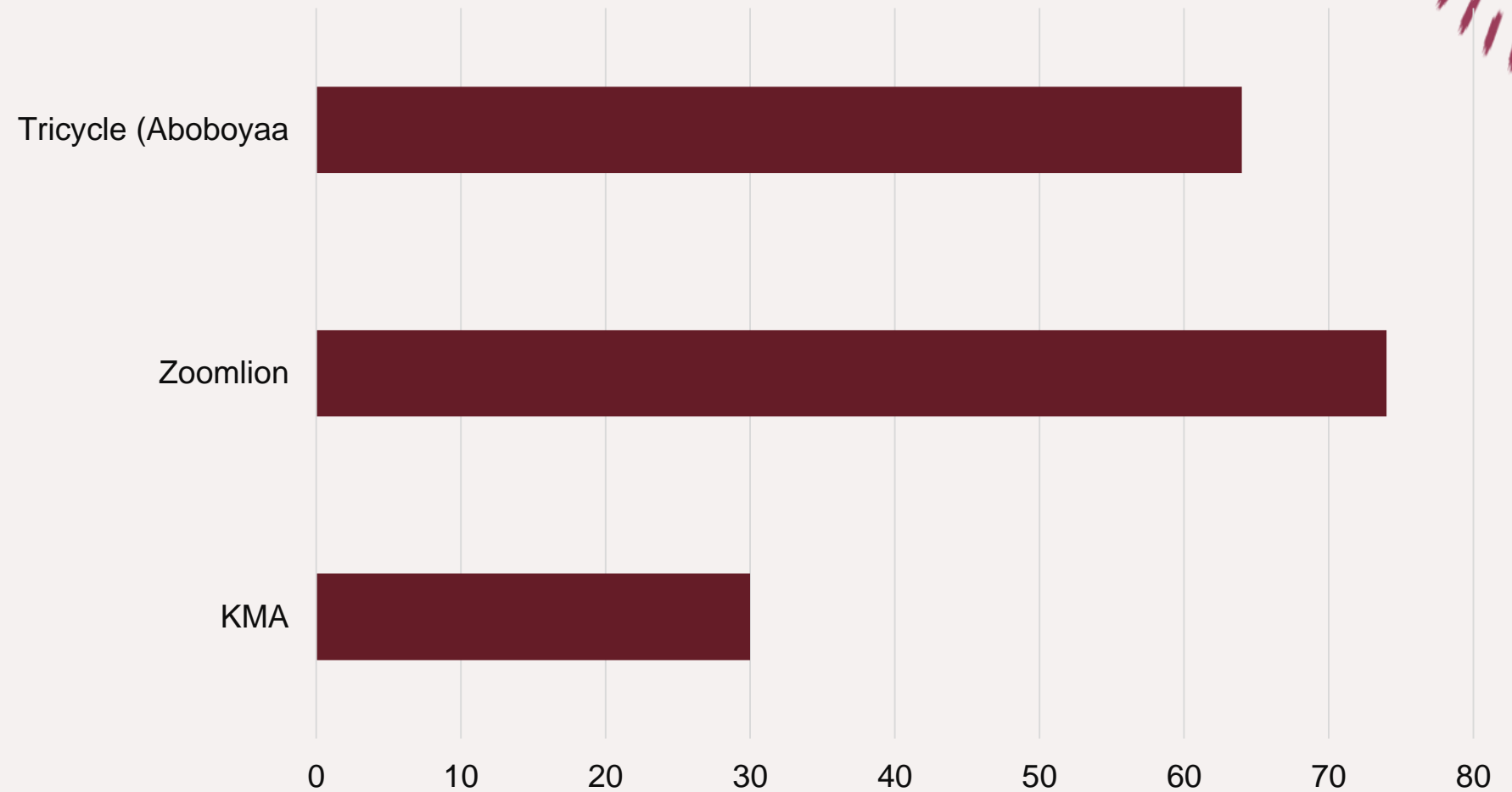


Portable water from Ghana water company



Waste Disposal Management

Waste Disposal Management



- ☐ The waste management bodies are:
 - Tricycle
 - Zoom lion
 - KMA waste bin





- ❑ The waste produced is collected by the private waste management companies: zoomlion and incineration.
- ❑ 60 percent respondents from the zones had multiple waste disposal methods.
- ❑ The wastes such as papers and polythene was given to the tricycle.
- ❑ Delicate waste are specially handled by the zoom lion.

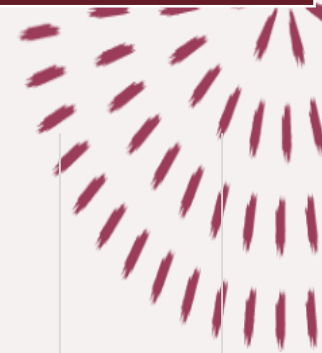


Zoom lion Ghanaian owned company that focuses on delivering total waste management solutions.

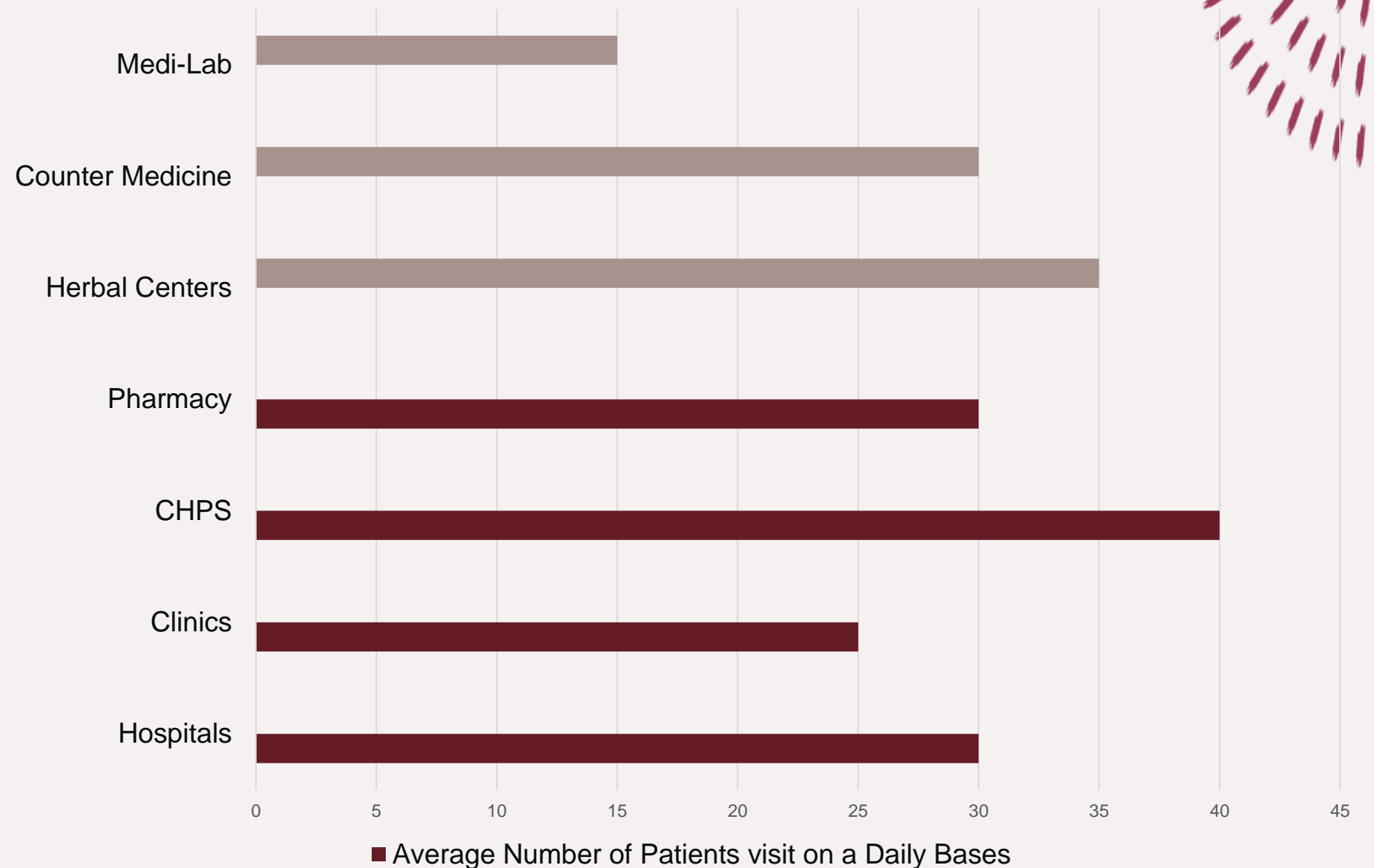


Tricycle (Abobo yaa) is a private waste collector, taking waste from place to place





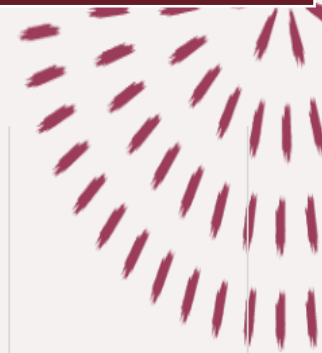
Average Number of Patients Visit On Daily Bases



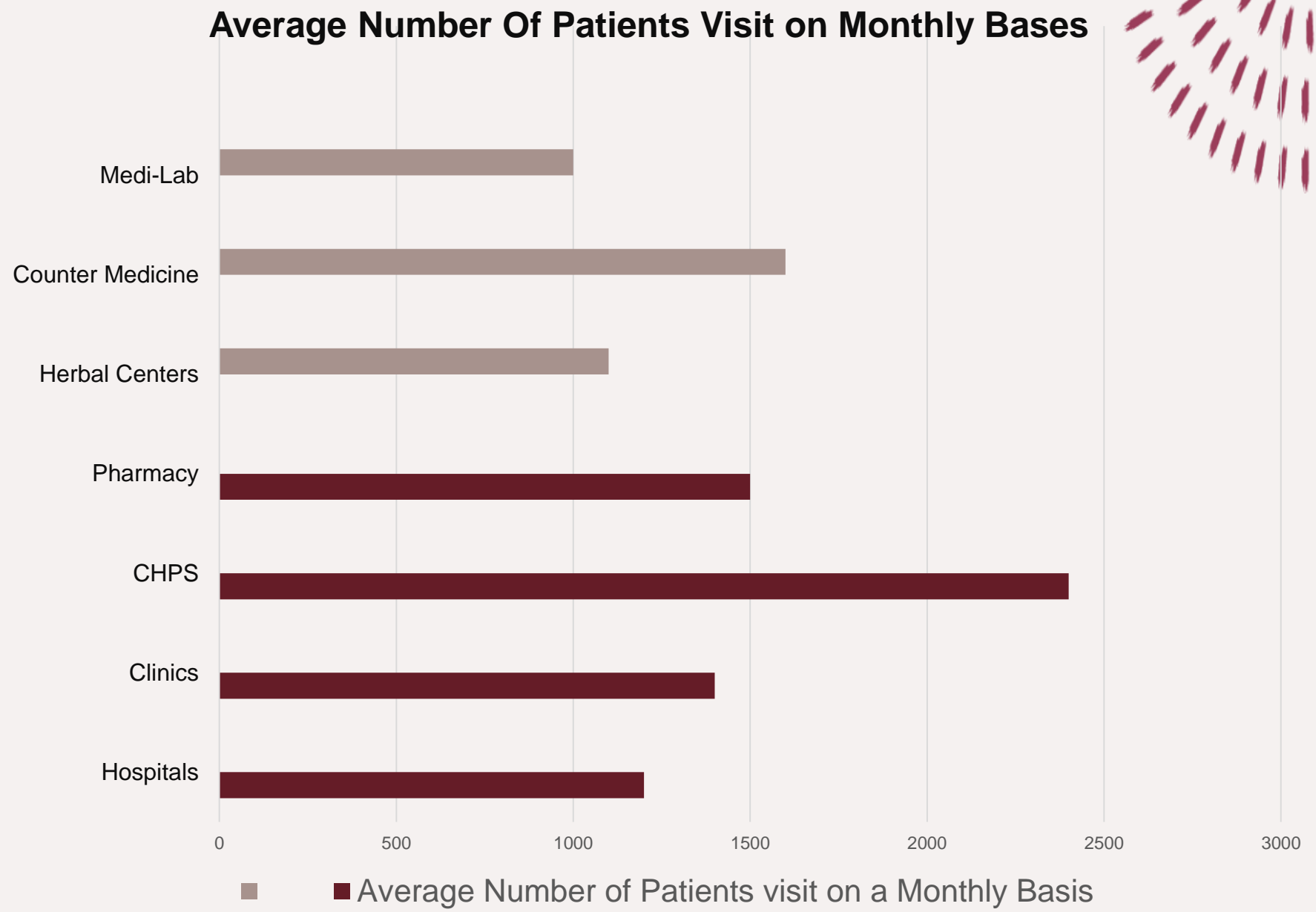
□ The number of patients visit to health care facilities in the zone is high at CHPS with herbal clinic next.

Average
Number Of
Patients Visit On
Daily Bases.





Average Number Of Patients Visit On Monthly Bases



□ The number of patient to each facility differ, the CHPS has the highest number due to it free healthcare and also first point of contact to the people close by.



- ❑ The number of people who visits the health facilities proves the condition of the people.
- ❑ Which account for the quality of human resource of the zone.
- ❑ Most patients visit the pharmacy and herbal shop.

From Observation:

- ❑ Most visit were record at pharmacy and herbal shop due to easy access to them.
- ❑ The people respond was because the pharmacy drugs was quiet low and the pharmacist also prescribe as a doctor does.

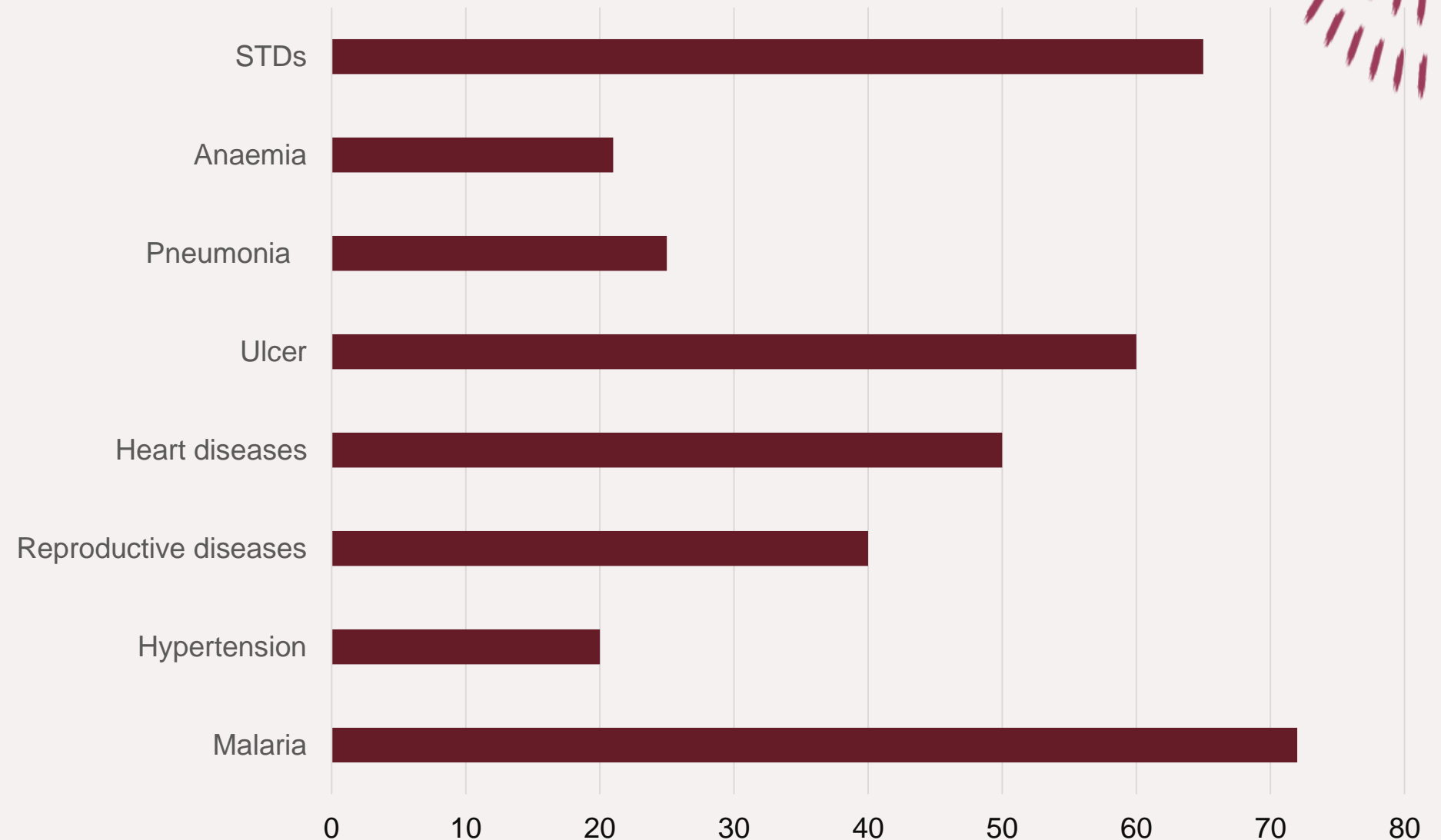


Patients attending health care point

Source: Author's construct, 2023



Common Disease Reported



- ❑ The common reported diseases in the area was in relation to the environment. The polluted water bodies and waste disposal breeds mosquitoes.
- ❑ This result in malaria being the highest reported disease.

Common
Diseases
Reported





- ❑ The most common diseases recorded by health facilities in this zone is
 - Malaria
 - Hypertension
 - Reproductive Diseases
 - Heart Disease
- ❑ Malaria been the highest disease report result from the environment within the zone.
- ❑ Due to polluted water bodies mosquito breed in these areas.
- ❑ Causing the dominant disease Malaria.
- ❑ The health facilities educate the people about Malaria but they remain adamant.



Causative against of malaria



Chocked drain, breeding mosquitoes



Treating of skin disease

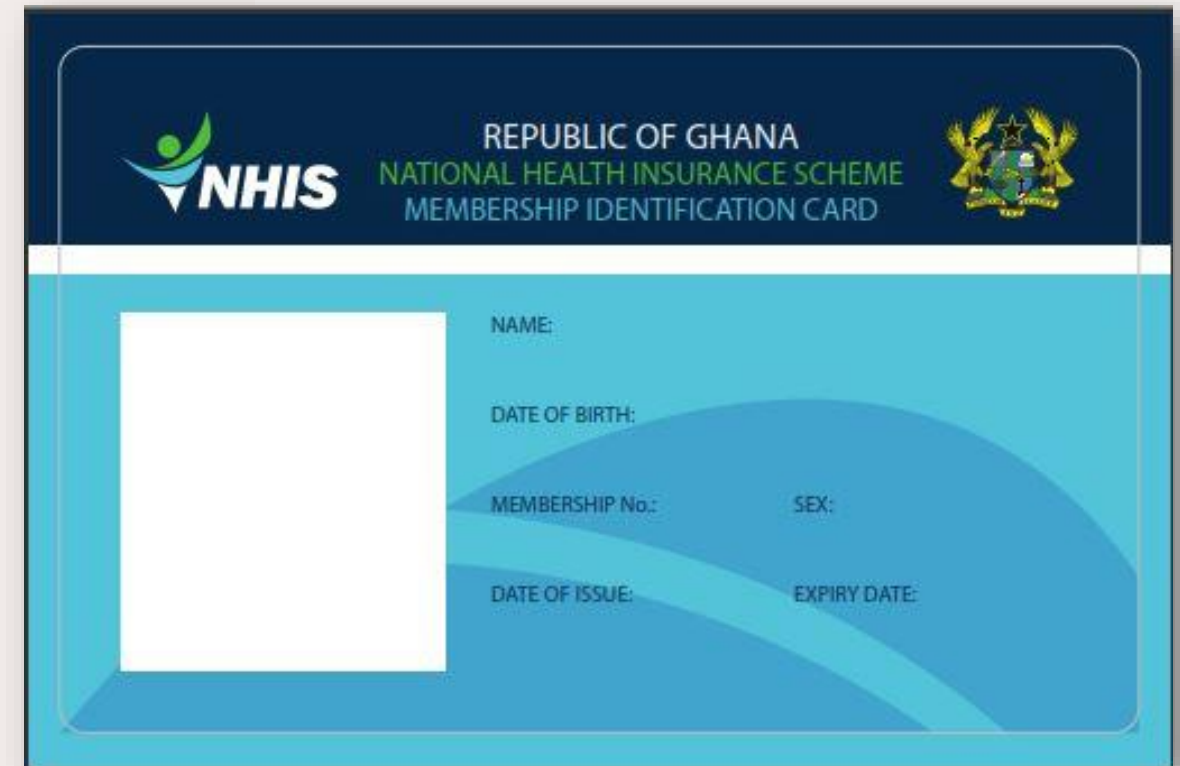




- ❑ The National Health Insurance Scheme was established by the government of Ghana in 2003.
- ❑ The program was a form of national health insurance established to provide equitable access and financial coverage for basic health care
- ❑ The official NHIA guidelines call for a range of premiums to be charged according to a person's income or wealth, ranging from 7.2 GhC for the “very poor” to 48 GhC for the “very rich”.

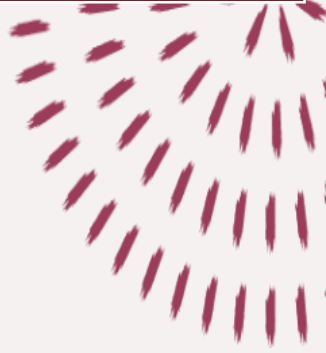
From Observation:

- ❑ Only one hospital accept health insurance cards in zone 1 while the other health facilities do not accept it.
- ❑ These health facilities says the health insurance card is not reliable and also they are private individuals



Sample of Ghana Health Insurance Card





FERTILITY, MORTALITY AND DISABILITY.

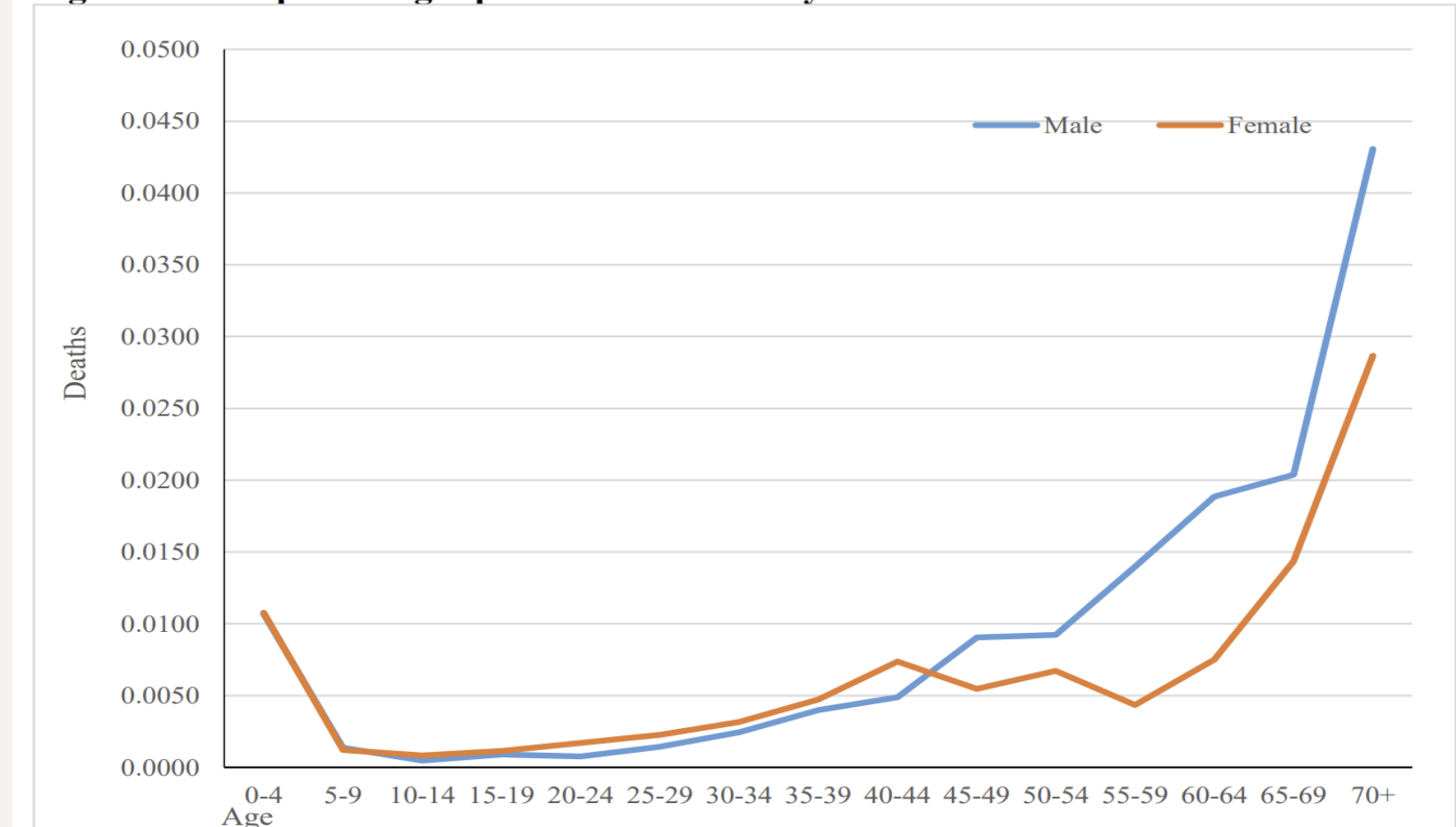
Fertility and mortality

- The Total Fertility Rate for the Metropolis is 2.6.
- The General Fertility Rate is 76.5 births per 1000 women aged 15-49 years and a Crude Birth Rate (CBR) of 22.8 per 1000 population.
- The crude death rate for the Metropolis is 4.7 per 1000. Out of the number of migrants in the Metropolitan,
- about 576,373 constituting 62 percent were born elsewhere in the Ashanti Region while 17,372 are people born outside the country

Disability

- About 2.4 percent of the Metropolis total population has a disability. The proportion of the male population with disability is slightly lower (2.3%) than that of the females (2.5%).
- The types of disability in the Metropolis include sight, hearing, speech, physical, intellect, and emotion. Persons with sight disability recorded the highest (42.8%) followed by physical disability (22.5%).



Figure 2.2: Reported age specific death rates by sex

- ❑ The death rates of both males and females in the Kumasi Metropolis drop sharply from age group 0-4 years to age group 5-9 years.
- ❑ From age 10, female mortality remains relatively higher than male mortality till age 44 years. Though female mortality is higher, not much difference is observed with male mortality till after age 39 years.
- ❑ From age 45 years female mortality slows down till to age 59 years before it picks up. Male mortality however picks up from age 44 years and older.

FERTILITY, MORTALITY AND DISABILITY.



- Due to lack of Ambulances which therefore leads to the slow response of the Hospital, which makes it nearly impossible to attend to emergency cases
- There is no or little funding by the government and general public so activities of the hospital are run by internally generated funds
- The major health insurance covered by the hospital is The National Health Insurance
- It provides free health service to the people and its funded by the government.
- The exorbitant price of health services rendered to the locals is reduced to an acceptable amount due to the National Health Insurance Scheme



CHALLENGES IN HEALTH FACILITIES





UTILITY

URBAN SURVEY – KUMASI METROPOLITAN GROUP 6



GHANA WATER COMPANY



GHANA WATER COMPANY



SCALE: 1:25,000

Author's Field Survey, 2023)

LEGEND

GHANA WATER COMPANY (SUAME)

GHANA WATER COMPANY (CENTRAL DISTRICT OFFICE)

GHANA WATER COMPANY (SUAME NORTH B)



GHANA WATER



GHANA WATER COMPANY (SUAME)



GHANA WATER COMPANY (CENTRAL DISTRICT OFFICE)



GHANA WATER COMPANY (AIRPORT ROUNDABOUT)



MODE OF PAYMENT

1. On site payment

2. Online and Mobile app

How To Check Ghana Water Bill Online

GHANA WATER COMPANY LIMITED
GWCL ... At Your Service

PROCEDURES

- Visit **Apple Store** (iPhone) or **Google Playstore** (Android phone) on your smart phone.
- Type in "**GWCL Customer App**" in the search column and click **SEARCH**
- Click **DOWNLOAD** to download and install the App on your device
- Click on **CREATE ACCOUNT**
 - > Choose between Register as **GWCL CUSTOMER** -that is when you are already an existing customer of GWCL or Register as **Non GWCL CUSTOMER** when you not a customer of GWCL. Registered Customers will receive a text message. Customers who have not may call the call centre for their contact details to be updated.
- Follow the prompts afterwards and fill the relevant form i.e.
 - > **Full name, telephone, residential address etc.** and kindly create your own username and password to sign in where applicable
- Click on **REGISTER** to complete the process

USES OF THE APP

- Check **account details**
- Check **consumption** and customer's **billing history**
- Report complaints and faults (**upload photos and videos with GPS locations**)
- Fill **New Service Connection Application Form**
- Pay your **Water Bill**.

Download it now
GET IT ON Google play | Download on the App Store

Ghana Water Bill Payment

(Embassy care, 2021)

CONCLUSION

There are many other avenues to support the service of the Ghana Water Company apart from on-site payment.

2. Mobile Money Option

GHANA WATER COMPANY LIMITED
GWCL ... At Your Service

NO MORE HUSTLE
PAY YOUR WATER BILL WITH YOUR PHONE

GWCL customers will receive their water bills as SMS and/or Electronic mails (e-mails).

The mode of recording customer consumption, application of tariffs and bill calculations have not changed as a result of this transition. However, the transmission of customer consumption is being improved.

Thus the duration of reading customer meters and generating bills is being reduced from the current 28-day period minimum, to a maximum of 1 day. It is convenient for the customer, and the text (SMS) message and or email will always be available for later reference.

All customers must be validated before they can receive e-bills. GWCL's authorised officers will visit each customer and verify their account details; geographic position; contact details; etc.

Customers can pay their bills through existing GWCL payment points; Mobile Money (MTN, Vodafone Cash, Tigo Cash, and Airtel Money); Partnered Banks; Snydepay; Visa; MasterCard; and China Union Pay (Cup).

Payments made will reflect instantly, and customers will receive text (SMS), and Email notification of payments made.

Download GWCL Customer App
GET IT ON Google play | Download on the App Store

Terms & Conditions Apply*

(ghinsider, 2020)

- Bills and payments Made monthly



ELECTRICITY COMPANY OF GHANA





ASHANTI SBU HEADQUARTERS



(Author's Field Survey, 2023)

- MAIN OFFICE: Open from 8:30 AM to 5:00 PM

MODE OF PAYMENT

1.



(Author's Field Survey, 2023)

VENDORS: Open from 6AM to 10:00PM

2.

ECG POWER

CONVENIENCE IN YOUR HANDS

4 EASY STEPS

- 1 Install App from Google play/App Store
- 2 Create Account
- 3 Add Meter(s)
- 4 Top Up Smart Prepaid Meter/ Pay bills for Postpaid Meter

Payment Options

airtelmoney MTN Mobile Money Vodafone Cash

Download the **ECG MOBILE APP** **ECG POWER**

Google play App Store

***226#**

For Non-Smart Phones

Register with the following

Email Address
Phone Number
& ECG Meter No.
(can be found on your bill or receipt)

For All Enquiries Contact

0302 611 611
www.ecggh.com | email: help@ecggh.com

ECGghOfficial

ECG POWER

(ECG Facebook, 2023)

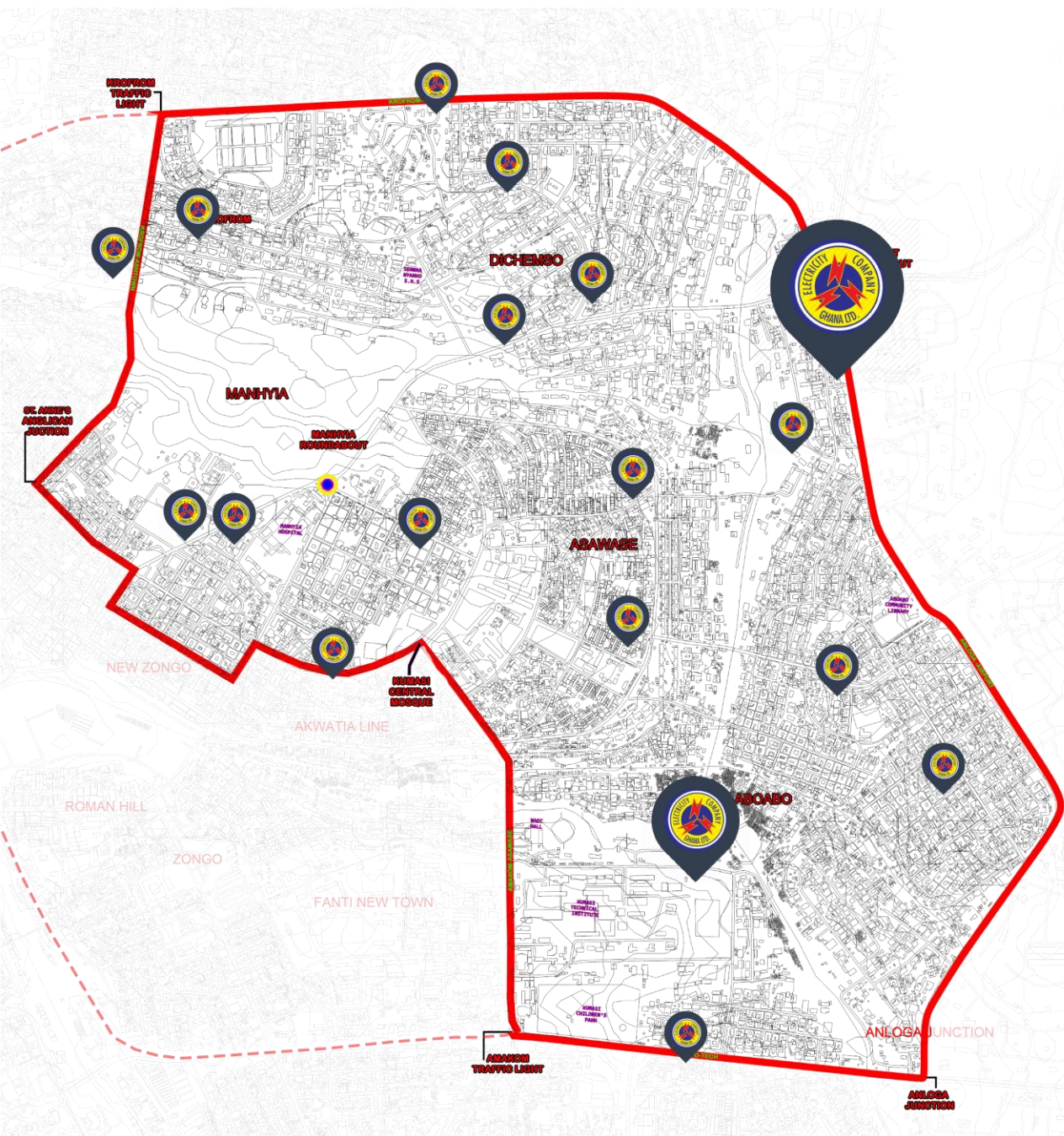
3. ONLINE PAYMENT OPTION

CONCLUSION

There are many other avenues to support the service of the Electricity Company of Ghana apart from on-site payment.






ELECTRICITY VENDING POINTS



SCALE: 1:25,000

Author's Field Survey, 2023)

LEGEND

-  ASHANTI SBU HEADQUARTERS
-  ECG SUB-STATION
-  ECG VENDING POINTS

ASHANTI SBU HEADQUARTERS



(Author's Field Survey, 2023)

CONCLUSION

The zones with the fewer sale points shares border with other zones where people go to buy prepaid.



GHANA REVENUE AUTHORITY



Ghana Revenue Authority

GHANA REVENUE AUTHORITY ACT, 2009

AN ACT to establish the Ghana Revenue Authority to replace the Internal Revenue Service, the Customs, Excise and Preventive Service and the Value

Added Tax Service for the administration of taxes and to provide for related Purposes.

GRA CUSTOMS - ABOABO



(Author's Field Survey, 2023)

- Bills and payments- Online and bank payments

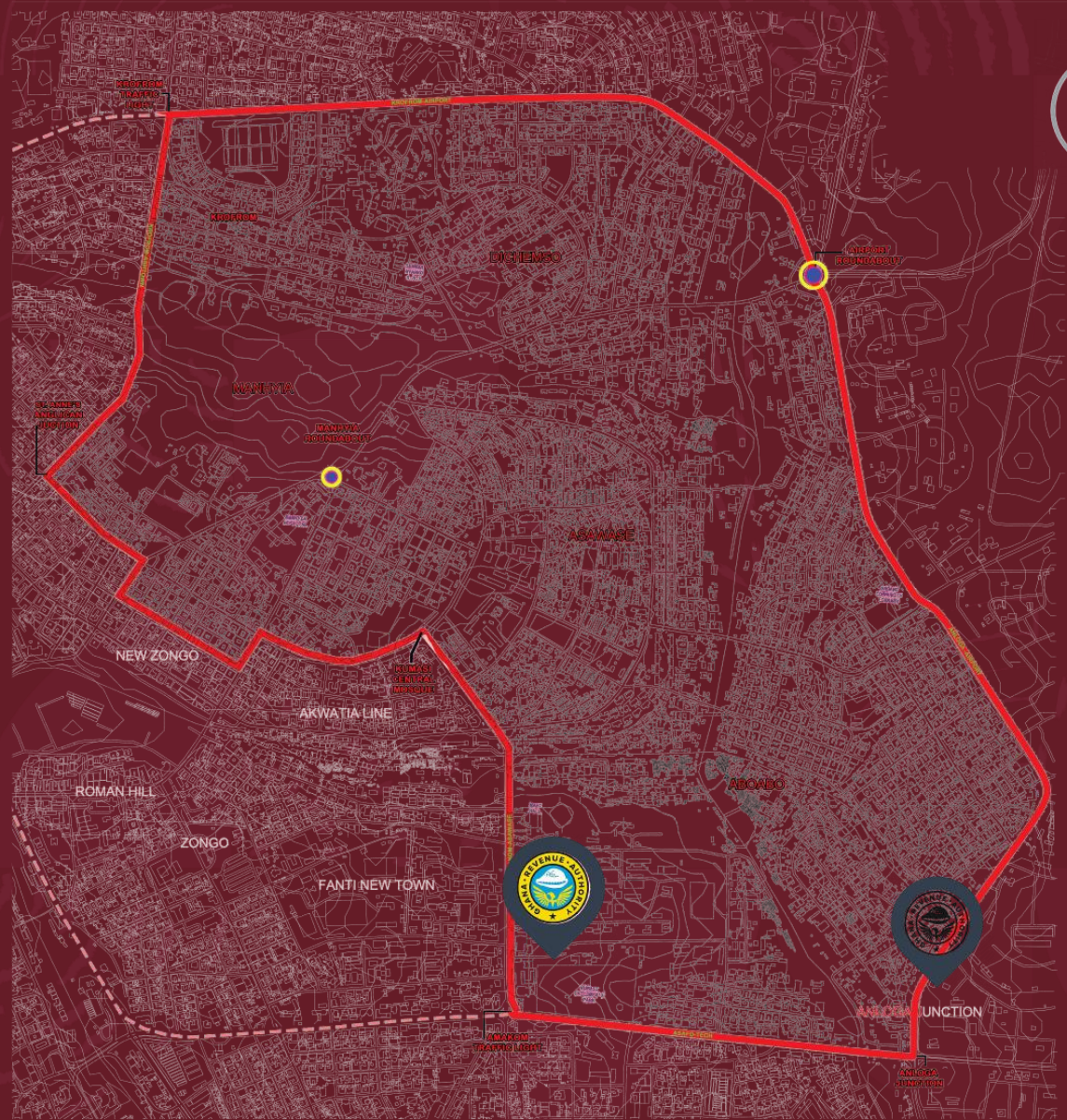
Monthly taxes
Customs and payments

LEGEND


 GRA- ASHANTI HEADQUARTERS

 GRA CUSTOMS ABOABO

Ghana Revenue Authority



 GRA HEADQUARTERS
Latitude: 6.6916
Longitude: -1.606035

 GRA CUSTOMS ABOABO
Latitude: 6.692677
Longitude: -1.594331



What is Information Dissemination?

The act of spreading or broadcasting a message or information to the public without direct feedback from the audience.

Introduction

No matter how many media for the dissemination of news are created, there is one rule that should never be broken: TELL THE PEOPLE!

“Arthur Christiansen”



INTERVIEW GUIDE

A brief history of information dissemination in **KUMASI METROPOLITAN**

Number of information services

- FM stations
- Post offices
- Information center
- Information Van

Communication centers

- FM stations
- Post offices
- Information centers

Coverage level

Daily demand level

- Facility
-
-
-
-
-
-

-
-
-
-
-
-

Working hours

- Activities duration
-
-

Mobile Network	Condition	Coverage Level

Facility

-
-
-

Information services

- FM stations
- Information stations
- Post offices

Type of network

-

Duration of usage

-

Coverage

-
-
-

Ownership

Number of Staff

-
-
-

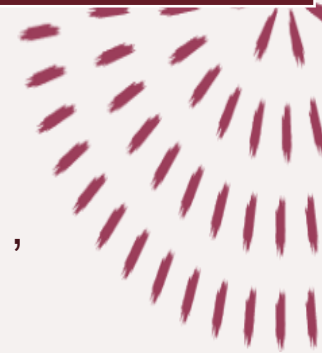
Challenges faced from usage

-

Smartphone usage

- Yes..... No.....





Talking Drum (Atumpan)



Drummers were placed every 50m to convey information from the palace to the various towns. It was played during Akwasidae , Wukudae and times of mayhem.



Gong –Gong Beaters (Nsenie3)



Gong- gong beaters were a family set aside by the king. They were assigned to each local town to disseminate information from the king to the people in the various towns. They disseminated information around 3am-5am.



Newspaper

In **1958**, newspapers were introduced to Ghana through the prime minister at the time, Dr. Kwame Nkrumah



Television

Television was introduced to Ghana in **1965** and was under State control



Radio

The Ghana Broadcasting Corporation (GBC) was established by law in **1968** with a triple mandate as a State Broadcaster, Public Service Broadcaster, and a Commercial Broadcaster in Ghana

Source: Manhyia Museum, 2023

HISTORY OF INFORMATION DISSEMINATION AT MANHYIA





MODES OF INFORMATION DISSEMINATION ALONG STREETS : INFORMAL SECTOR



01 Mega billboards



02 Streetlight/ Poll posters



03 Mini shop billboards



04 Wall posters



05 Wall paintings



06 Moving vehicle PA system

Source: Author's field survey 2023





MODES OF INFORMATION DISSEMINATION ALONG STREETS : INFORMAL SECTOR (other)



01 public address (P.A) systems-



02 seller using a P.A system to advertise



03 hawker advertising using a bell



04 horn loud speakers for shop owner's adverts



05 hawker speaking to advertise his goods



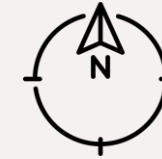
06 seller using a P.A system to advertise

Source: Author's field survey 2023





LOCATION MAP OF ENCLAVE SHOWING ALL BILLBOARDS



6°41'35.4"N
1°36'25.7"W



6°42'34.4"N 1°35'56.9"W



6°42'15.6"N
1°36'42.7"W



6°42'02.2"N 1°35'46.3"W



6°42'47.2"N
1°36'58.3"W



6°4'20.0"N 1°35'47.6"W

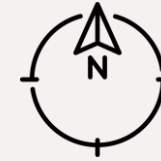
Scale: 1:25000

Source: Author's field survey 2023





LOCATION MAP OF ENCLAVE SHOWING ALL PUBLIC ADDRESS SYSTEMS



P.A system on steel pole



P.A system on street light pole



P.A system on roof tops



P.A system on building

Scale: 1:25000

Source: Author's field survey 2023





LOCATION MAP OF ENCLAVE SHOWING ALL GENERAL MAST



Sikka fm mast



Telecom. mast



Telecom. mast



ECG Mast



Telecom. mast

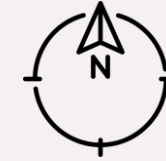
Source: Author's field survey 2023

Scale: 1:25000





LOCATION MAP OF ENCLAVE SHOWING ALL RADIO STATIONS



SIKKA RADIO



OTEC FM / SCHOOL OF JOURNALISM



OPEMSUO RADIO



HASKE RADIO



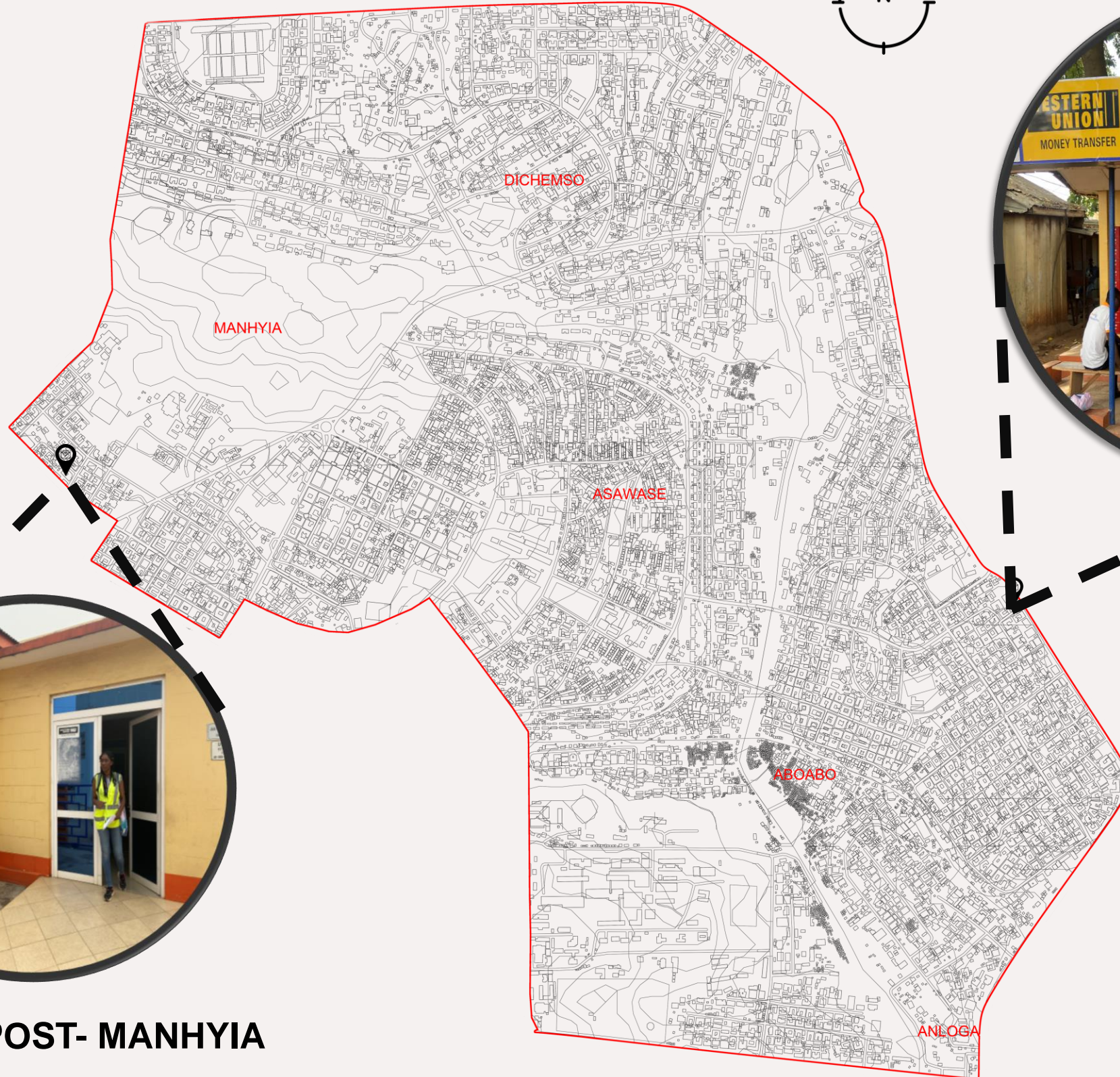
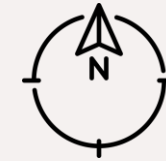
Source: Author's field survey 2023

Scale: 1:25000





LOCATION MAP OF ENCLAVE SHOWING ALL POST OFFICES



GHANA POST- MANHYIA



Scale: 1:25000

Source: Author's field survey 2023





LOCATION MAP OF ENCLAVE SHOWING ALL TELECOMMUNICATION MAST



AIRTEL TIGO Mast

**6°42'40.9"N
1°36'48.5"W**



GLO Mast

6°41'59.2"N 1°36'09.1"W



MTN Mast

6°42'16.8"N 1°36'33.7"W



KEY

-  AIRTEL TIGO
-  MTN
-  VODAFONE
-  GLO

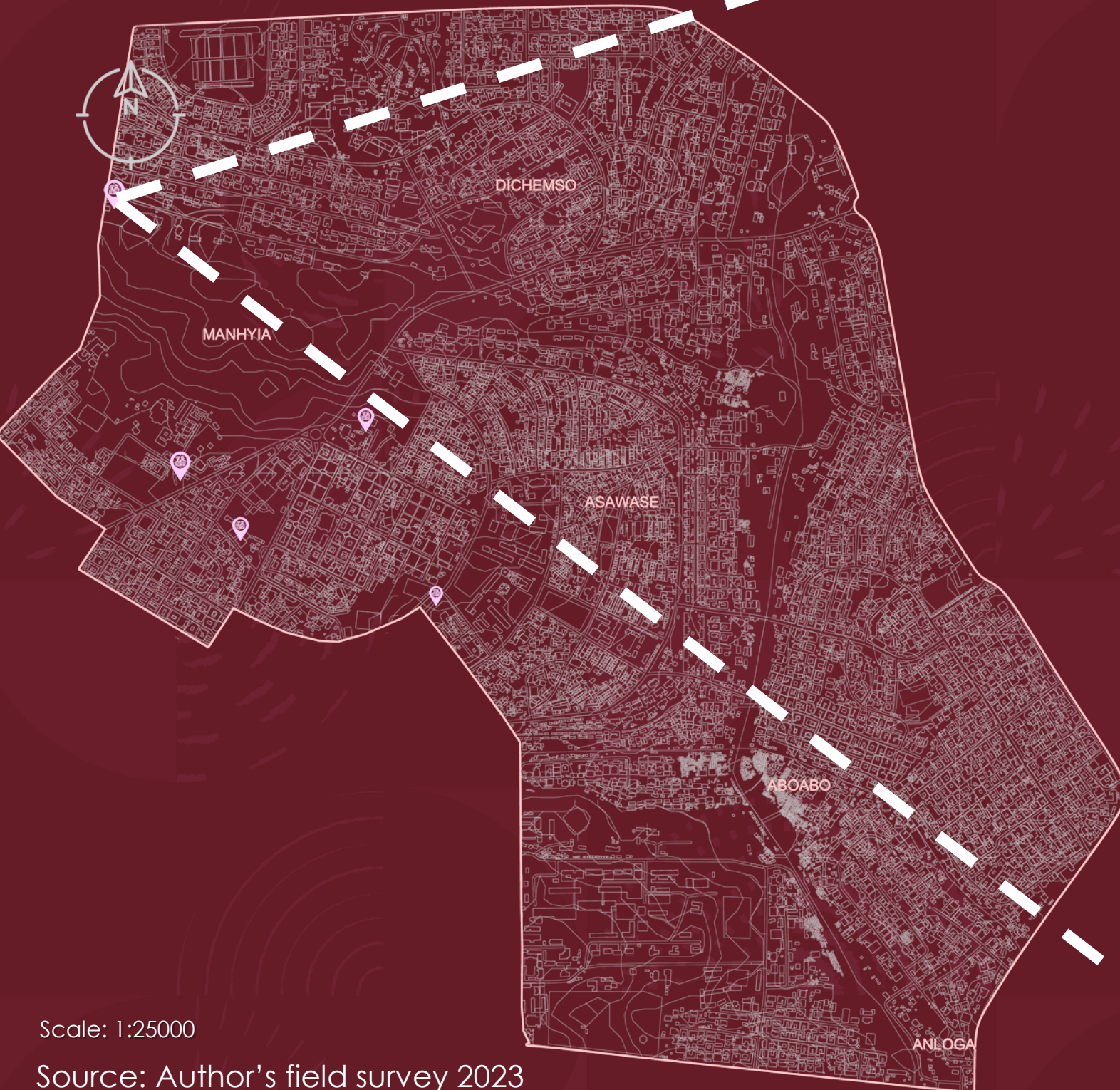
Scale: 1:25000

Source: Author's field survey 2023





LOCATION MAP OF ENCLAVE SHOWING SIKKA FM 89.5 FM



Scale: 1:25000

Source: Author's field survey 2023



SIKKA RADIO

LOCATION : 6°42'33.7"N 1°37'00.0"W
Off Ohenenana K. Oppong Ave.,
Kumasi - Ghana

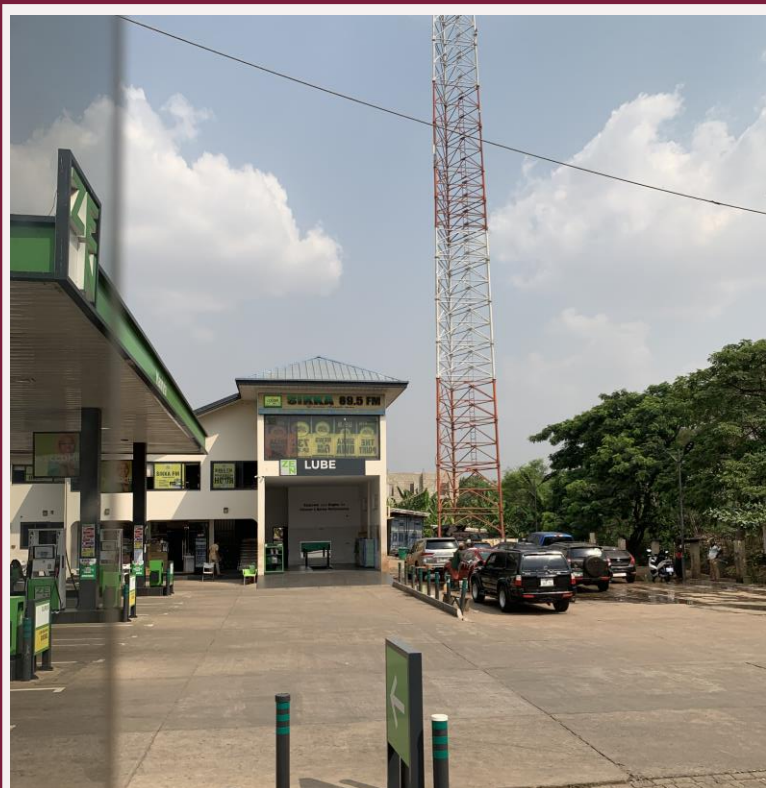
NUMBER : not defined

WEBSITE : not defined





FORMAL SECTOR - RADIO STATION - SIKKA FM – 89.5 FM



Entrance view to Sikka fm



Live Studio room view

- **OWNERSHIP-** Private
- **YEAR OF COMMENCE** – September 1986
- **WORKING HOURS** - 24hrs service
8am – 5pm for permanent workers
- **NUMBER OF WORKERS** - 60 staffs in total
15 part-time
45 full time workers
- **UTILITIES-** Electricity (National Grid)
Backup Plant

SERVICES PROVIDED

SERVICES	INFO. DISSEMINATED	COST	COVERAGE LEVEL
Dissemination of information to the people Ashanti Region	General information (sports, news, entertainment etc.)	Starting from Ghc 2000.00	8-10 Regions In Ghana

Source: Sikka Fm, 2023





LOCATION MAP OF ENCLAVE SHOWING OPEMSUO RADIO 104.7 FM



Scale: 1:25000

Source: Author's field survey 2023



OPEMSUO RADIO

LOCATION : 6°42'11.8"N 1°36'53.5"W

Off Manhyia Road, Kumasi - Ghana

NUMBER : +233 59 623 0004

WEBSITE : opemsuo.com





FORMAL SECTOR - RADIO STATION - OPEMSO) FM – 104.7 FM



- **OWNERSHIP-** Private
- **YEAR OF COMMENCE** – September 1986
- **WORKING HOURS** - 24hrs service
8am – 5pm for permanent workers
- **NUMBER OF WORKERS** - 60 staffs in total
15 part-time
45 full time workers
- **UTILITIES-** Electricity (National Grid)
Backup Plant

SERVICES PROVIDED

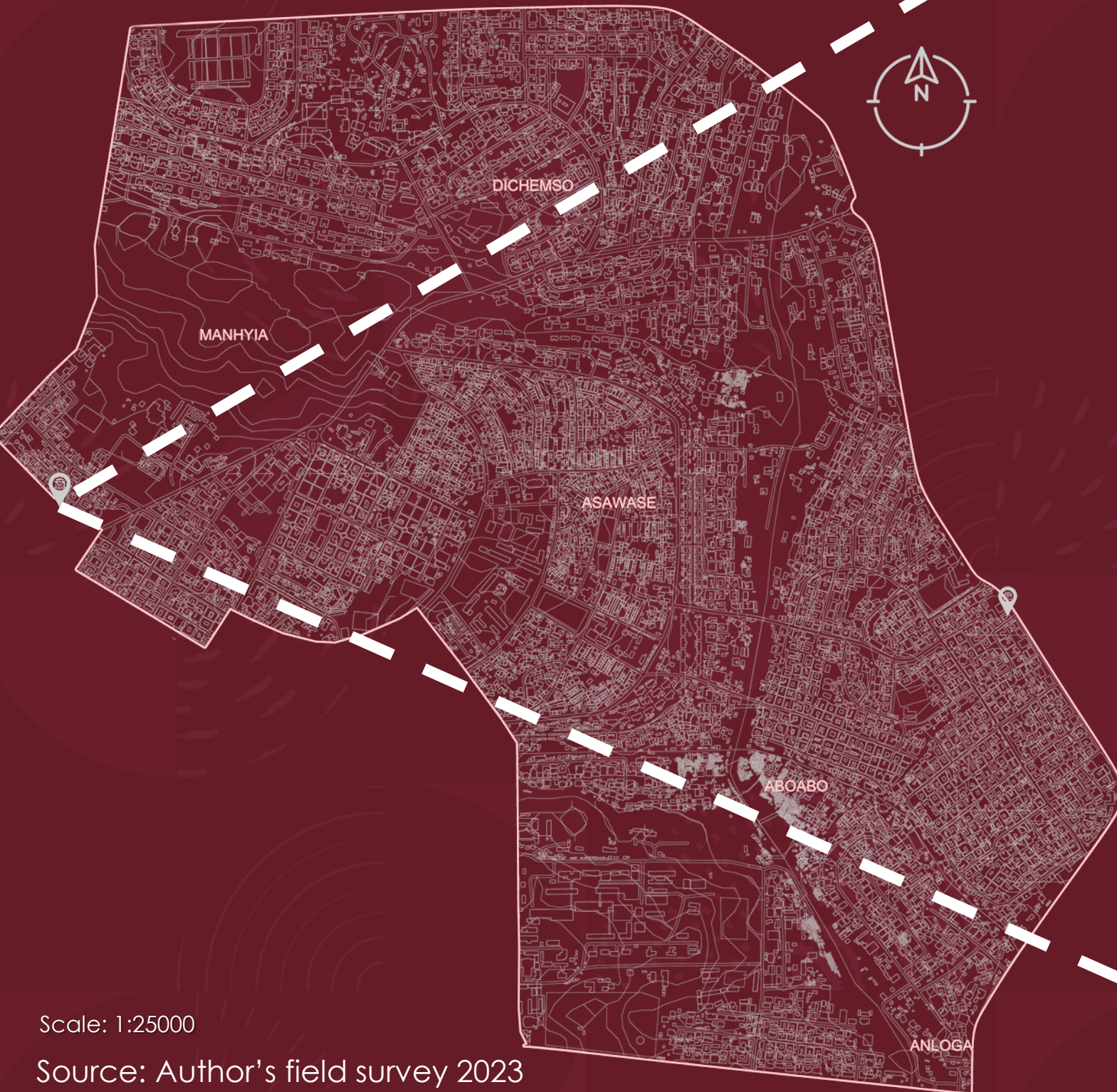
SERVICES	INFO. DISSEMINATED	COST	COVERAGE LEVEL
Dissemination of information to the people Ashanti Region	Traditional information (things to do with ashanti culture)	Starting from Ghc 2000.00	Only to the people in Ashanti Region

Source: Opemsuo radio, 2023





LOCATION MAP OF ENCLAVE SHOWING GHANA POST- MANHYIA



Scale: 1:25000

Source: Author's field survey 2023



GHANA POST- MANHYIA

LOCATION : 6°42'09.2"N 1°37'05.0"W

Off Kotoko Road,, Kumasi - Ghana

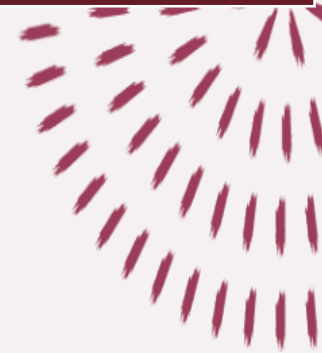
NUMBER : +233 30 266 8136

WEBSITE : ghanapost.com.gh

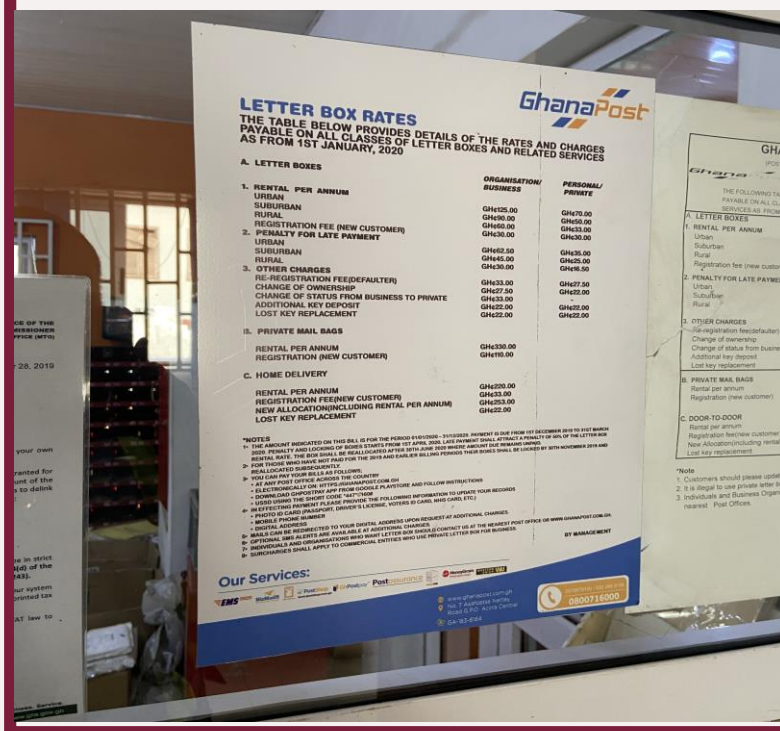




FORMAL SECTOR- POST OFFICE – GHANA POST- MANHYIA



- **OWNERSHIP** - Public
- **WORKING HOURS** - 9hrs service
8am – 5pm
- **NUMBER OF WORKERS** - 2 staff in total
- **UTILITIES**- Electricity (National Grid)
Backup Plant
- **MAINTAINANCE SCHEDULE** - No major maintenance



SERVICES PROVIDED

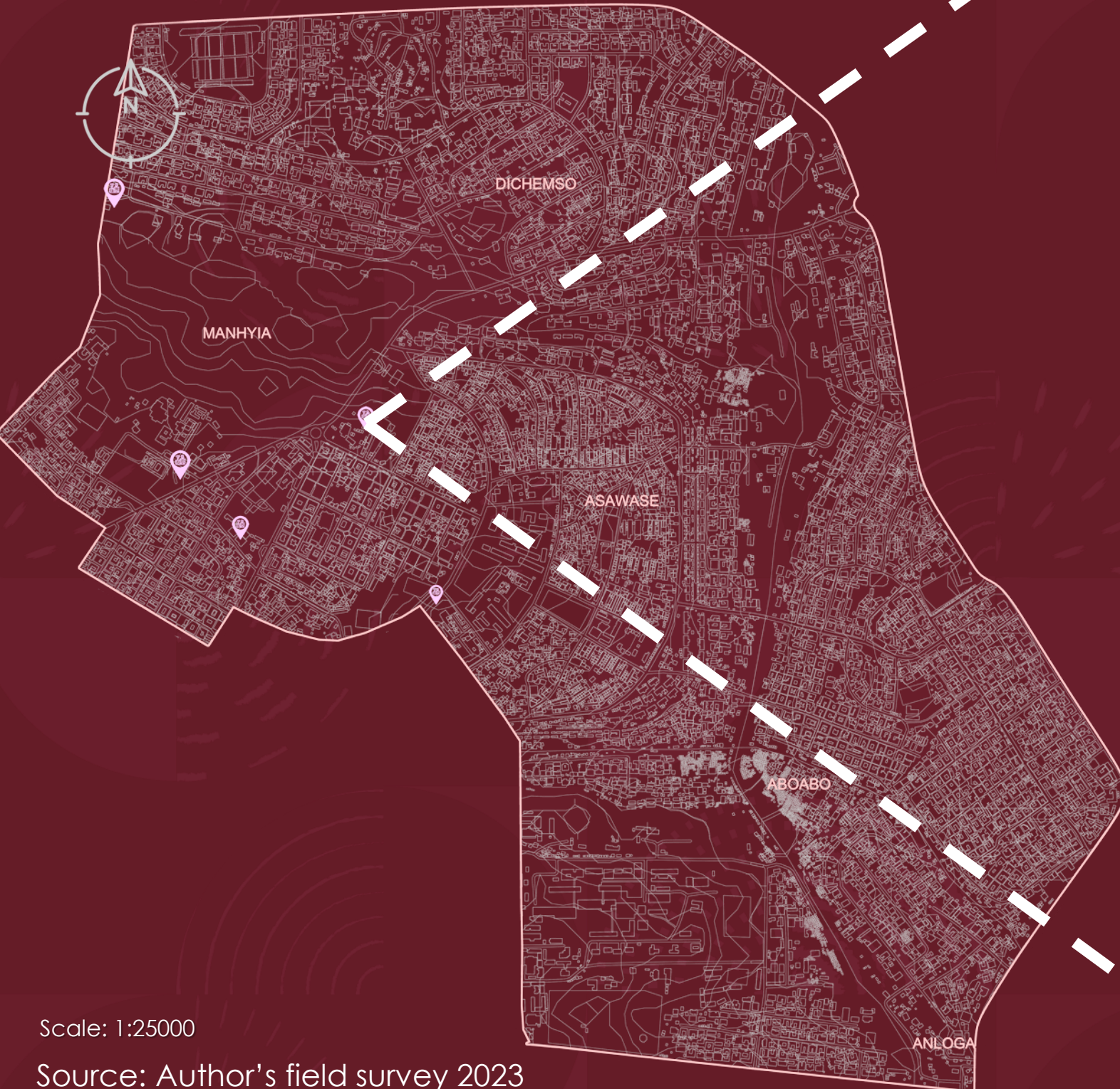
SERVICES	COST	COVERAGE LEVEL
Dissemination of information to the people of Ghana and Abroad through letters and parcels	Minimum Ghc 7-for posting letters in Ghana and Ghc 40 for letters going Abroad	All over Ghana and the whole world

Source: Ghana Post- Manhyia, 2023





**LOCATION MAP OF ENCLAVE
SHOWING OTEC RADIO 102.9 FM**



Scale: 1:25000

Source: Author's field survey 2023



**OTEC FM / SCHOOL OF
JOURNALISM**

LOCATION : 6°42' 14.8"N 1°36' 37.2"W
Off Manhyia – Asawase Road, Kumasi
- Ghana

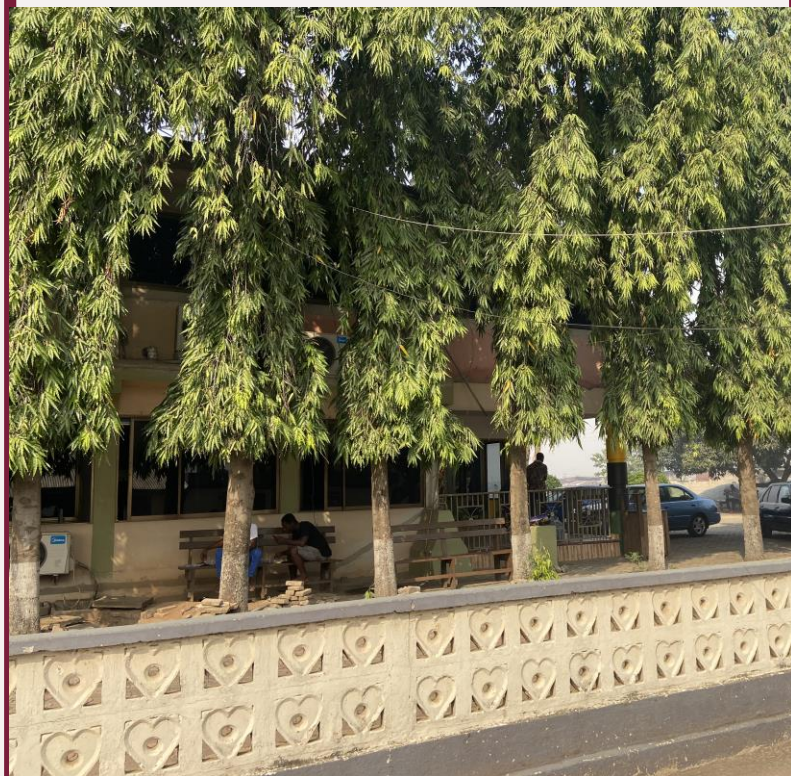
NUMBER : +233 20 373 8500

WEBSITE : otecfmghana.com





FORMAL SECTOR- RADIO STATION – OTEC FM – 102.9 FM



- **OWNERSHIP** - Private
- **WORKING HOURS** - 24hrs service
8am – 5pm for permanent workers
- **NUMBER OF WORKERS** - 50 staff in total
30 part-time
20 full time workers
- **UTILITIES**- Electricity (National Grid)
Backup Plant
- **MAINTAINANCE SCHEDULE** - Periodic maintenance

SERVICES PROVIDED

SERVICES	INFO. DISSEMINATED	COST	COVERAGE LEVEL
Dissemination of information to the people of Ghana	General information (sports, news, entertainment etc.)	Minimum Ghc 4000- Ghc 7000 (not peak hours)	Only to the people in Ashanti Region (FM) Everywhere (online Radio)

Source: Otec Fm, 2023





**LOCATION MAP OF ENCLAVE
SHOWING HASKE RADIO 91.7
FM**



Scale: 1:25000

Source: Author's field survey 2023



HASKE RADIO

LOCATION : 6°41'59.4"N 1°36'32.6"W
Off Yaa Asantewaa Road Opp.
Kumasi Central Mosque, Kumasi -
Ghana

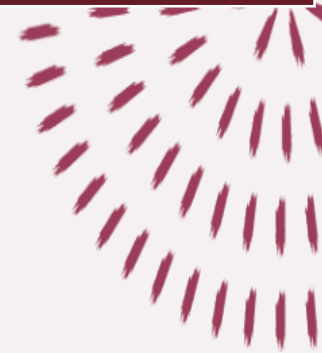
NUMBER : +233 32 249 5497

WEBSITE : haskeonline.com





FORMAL SECTOR - RADIO STATION – HASKE RADIO – 91.7 FM



- **OWNERSHIP** -Private
- **WORKING HOURS** - 24hrs service
8am – 5pm for permanent workers
- **NUMBER OF WORKERS** - 12 staffs in total
5 part-time
7 full time workers
- **UTILITIES**- Electricity (National Grid)
Backup Plant
- **MAINTAINANCE SCHEDULE** - Periodic maintenance ; monthly

SERVICES PROVIDED

SERVICES	INFO. DISSEMINATE D	COST	COVERAGE LEVEL
Dissemination of information to the people of Ghana	General information (sports, news, entertainment etc.) , Islamic teachings	Minimum Ghc 1200- Ghc 2500 (not peak hours)	Only to the people in Kumasi (FM)

Source: Haske Radio, 2023





LOCATION MAP OF ENCLAVE SHOWING GHANA POST-ABOABO



Scale: 1:25000

Source: Author's field survey 2023



GHANA POST- ABOABO

LOCATION : 6°42'02.3"N 1°35'46.9"W

Off Eastern By- Pass, Aboabo Traffic Light, Kumasi - Ghana

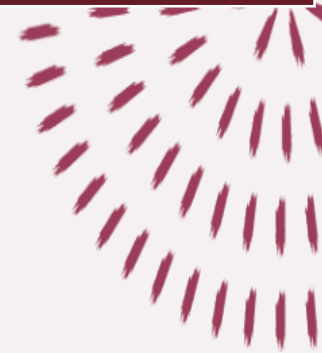
NUMBER : +233 30 266 8136

WEBSITE : ghanapost.com.gh





FORMAL SECTOR - POST OFFICE – ABOABO TRAFFIC LIGHT)



- **OWNERSHIP-** Public
- **WORKING HOURS** - 8am – 5pm
- **NUMBER OF WORKERS** - 2 staffs in total
- **UTILITIES-** Electricity (National Grid)

SERVICES PROVIDED

SERVICES	INFO. DISSEMINATED	COST	COVERAGE LEVEL
Letters, Western Union, EMF, Ria money transfer Money Gram, Biz Mails and Parcels in Ghana & Abroad	Info through letters in Ghana and Abroad	Starting from Ghc 9.00 for letters or parcels in Ghana from 10grams and Ghc 40.00 for parcels weighing 10grams going abroad	Ghana and worldwide

Source: Ghana Post- Aboabo, 2023



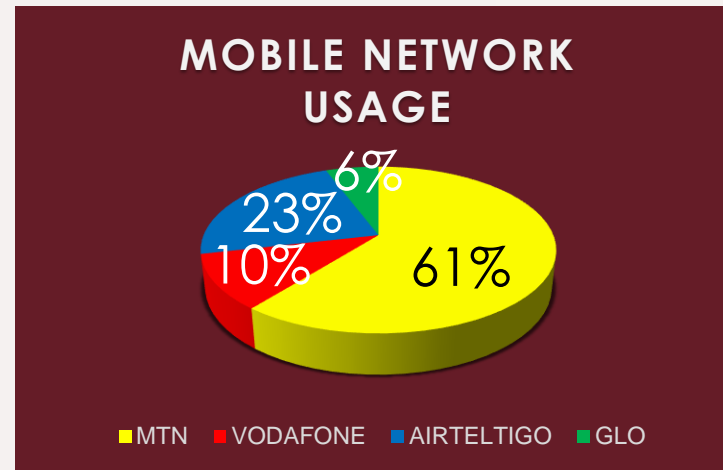
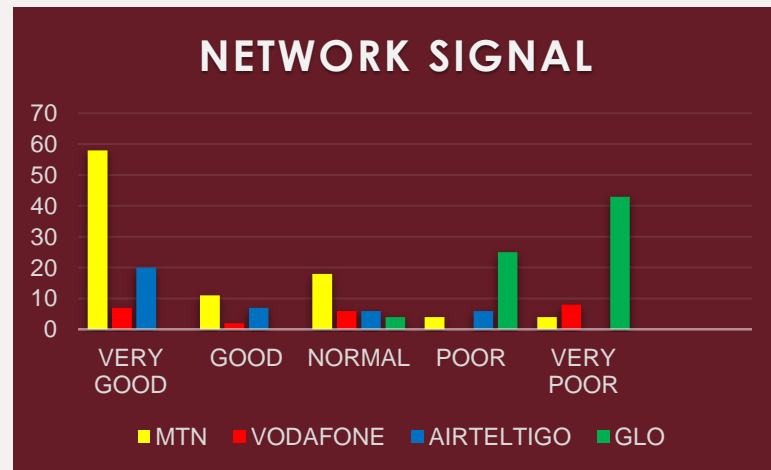


MOBILE SERVICES

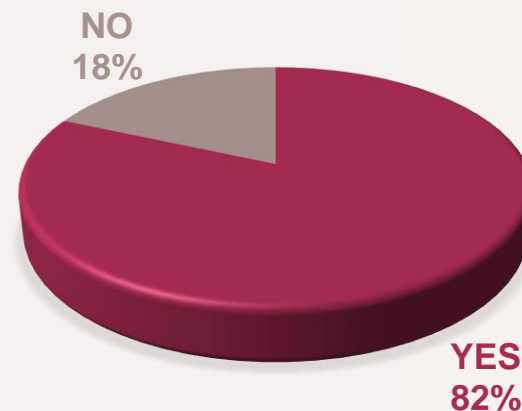
Availability of mobile service network in the 3 zones



Population distribution of the use of mobile service network and Smartphones



SMARTPHONE USAGE



Source: Author's field survey 2023

NATURE OF MOBILE SERVICE NETWORK SIGNALS

- ✓ MTN
 - High networks signal
 - Strong Internet access

- ✓ AIRTEL/TIGO
 - Good network signal
 - Fairly good internet access
 - Most affordable data packages

- ✓ VODAFONE
 - Fairly good network
 - Poor internet access

- ✓ GLO
 - Very Poor network service





SECURITY SERVICES



QUESTIONNAIRE GUIDE

SECURITY (QUESTIONNAIRE)

Type of security facility? ____

- a.Fire station
- b.Police services
- c.Army
- d.ETC

2. Logistics? ____

- a.Vehicles
- b.Amory

3. Number of security post? ____

4. Number of offices? ____

5. Number of staff ?

—

6. Crime area zone?

—

7. Crimes happening?

- a.Robbery
- b.Drug trafficking
- c.Theft
- d.Burglary entry

9. Common reported cases ?

- a. Robbery
- b. Drug trafficking
- c. Theft
- d. Burglary entry

10.Accessibility of station? _____

11. Problems faced ?

12.What are some of the problems you have and foresee? _____

13. How long has this problem been there?

- a.Past week
- b.Past month
- c.Past year
- d.others

14. Where does it occur?

15. When or how frequently do you observe it?

- a.Daily
- b.Weekly
- c.Monthly
- d.Quarterly
- e.Others. Specify ____

17. What other information exists that provides information about this problem? _____

18. What measures must be done to solve the problem?

Introduction

Safety and peace is needed for improved wellbeing within any geographical location. Maintenance of security within the community is the responsibility of the Municipal Security Committee (MuSeC) comprising; the Ghana Police Service, the Ghana National Fire Service (GNFS) among others.

Image: escortsecurity.com.gh

Police Service



Public And Community Services
URBAN SURVEY- KUMASI
METROPOLITAN.

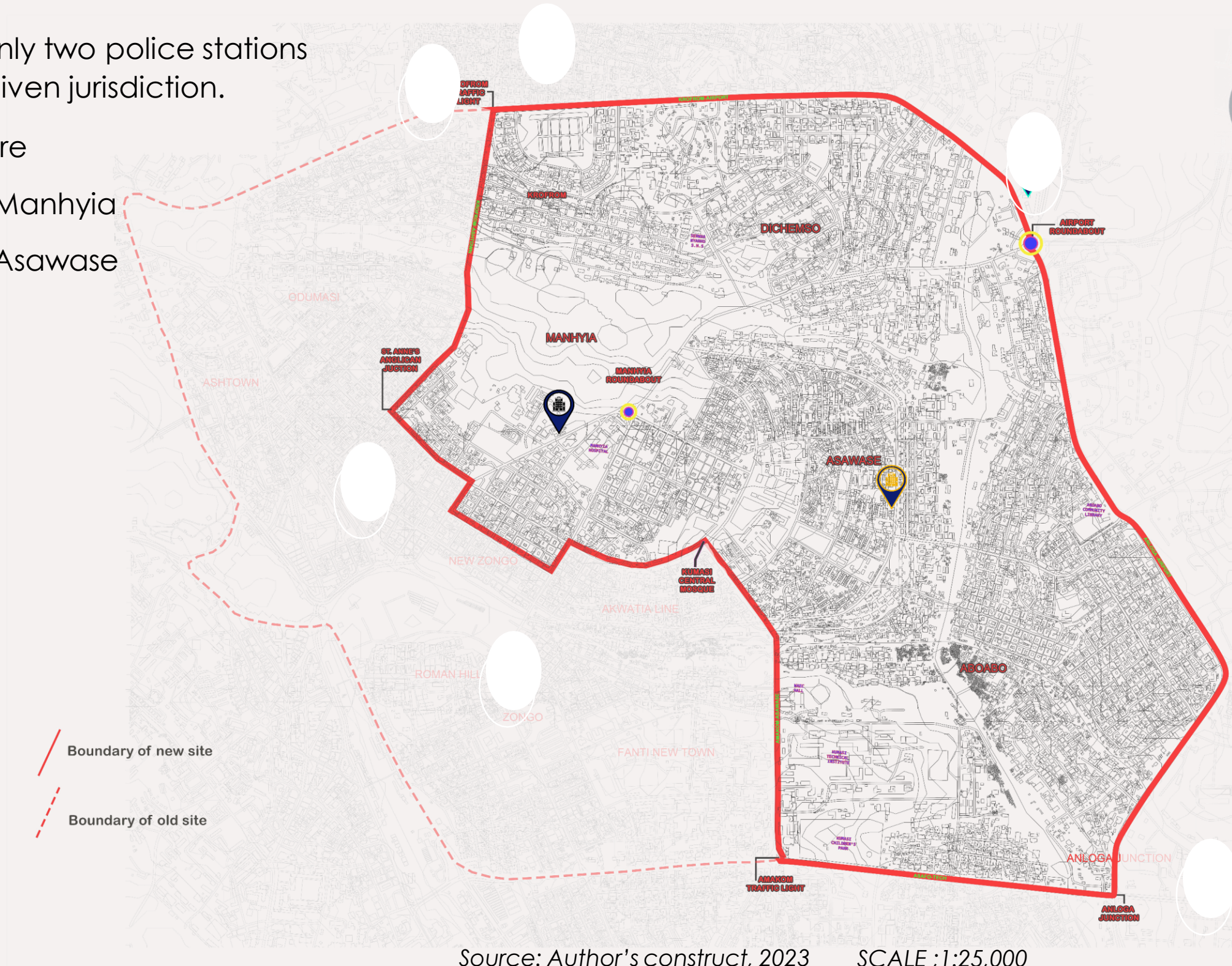


General Information

There are only two police stations within the given jurisdiction.

Locations are

- **Zone 1** - Manhyia
- **Zone 3** - Asawase

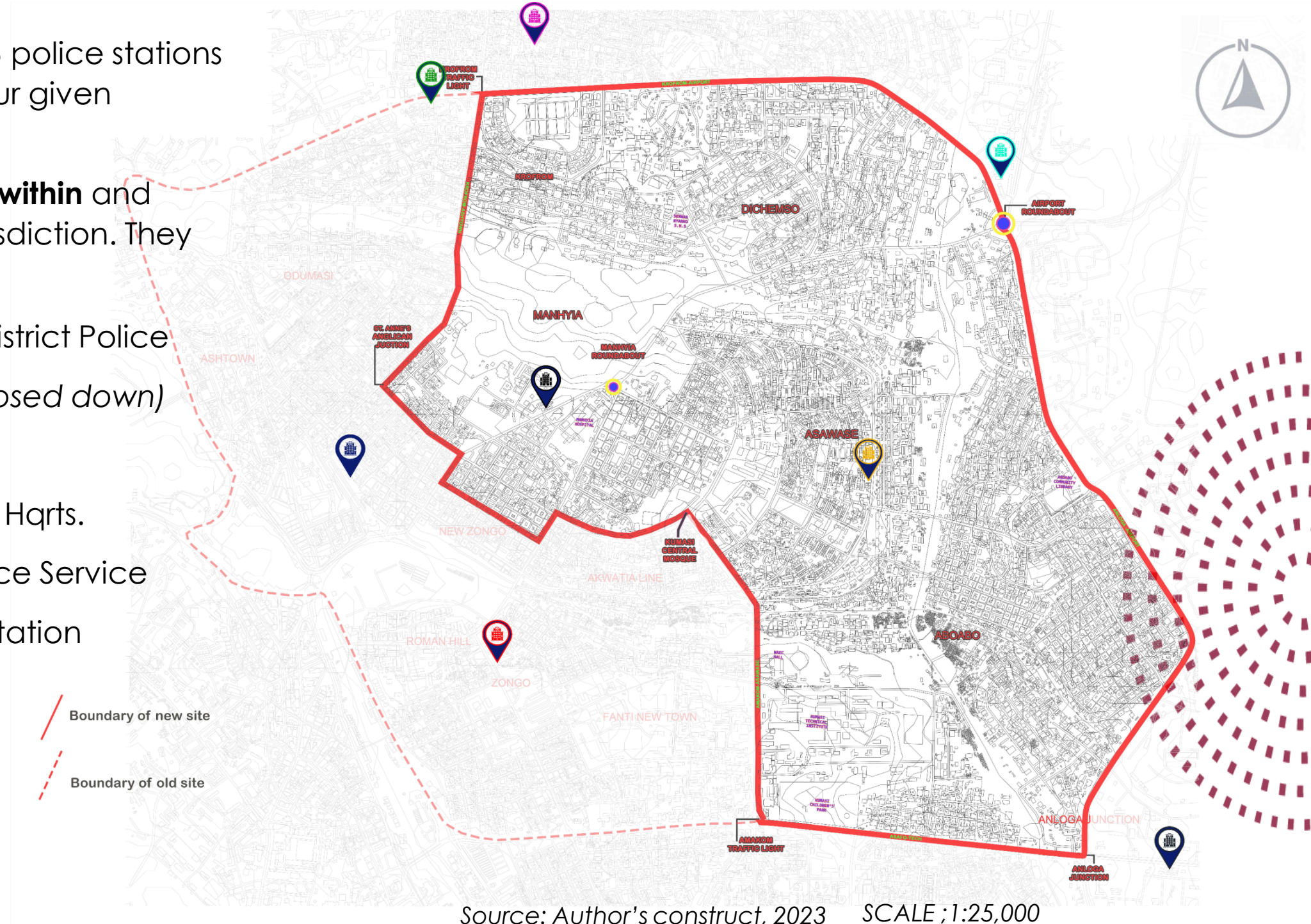


General Information

However, there are **6** police stations located outside of our given jurisdiction.

They cater for towns **within** and **outside** our given jurisdiction. They include:

- Tafo – Pankrono District Police
- Krofrom police (*closed down*)
- K.O Police station
- Manhyia Divisonal Hqrts.
- Airport District Police Service
- Oforikrom Police Station



Police Station Map Locations



Tafo – Pankrono District



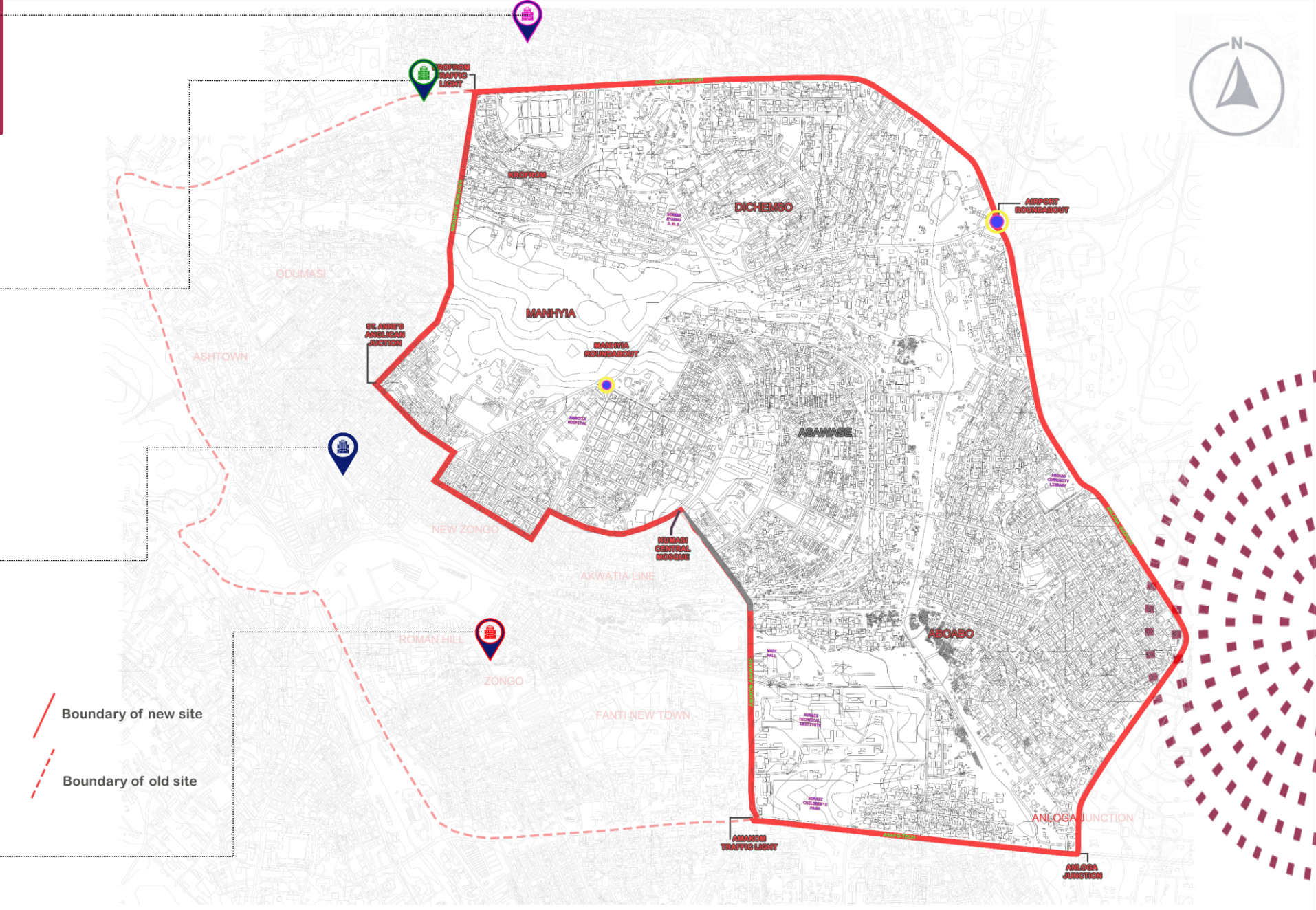
Krofrom police



K.O Police station



Manhyia Divisonal Hdqs.

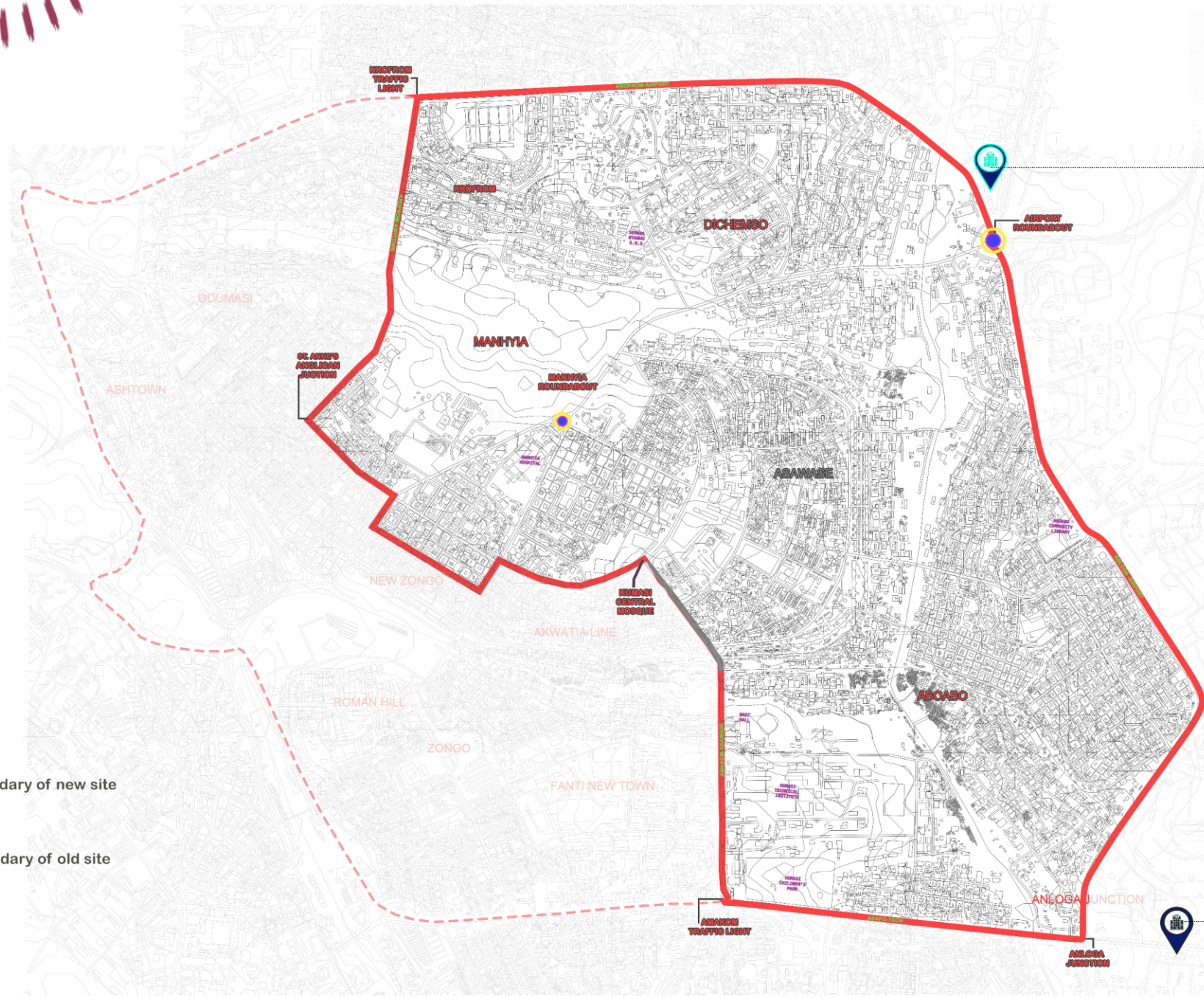


SCALE ;1:10,000

Source: Author's construct, 2023



Police Station Map Locations



Airport District Police Service



Oforikrom Police Service

SCALE ; 1:10,000

Source: Author's construct, 2023

Public And Community Services URBAN SURVEY- KUMASI METROPOLITAN.







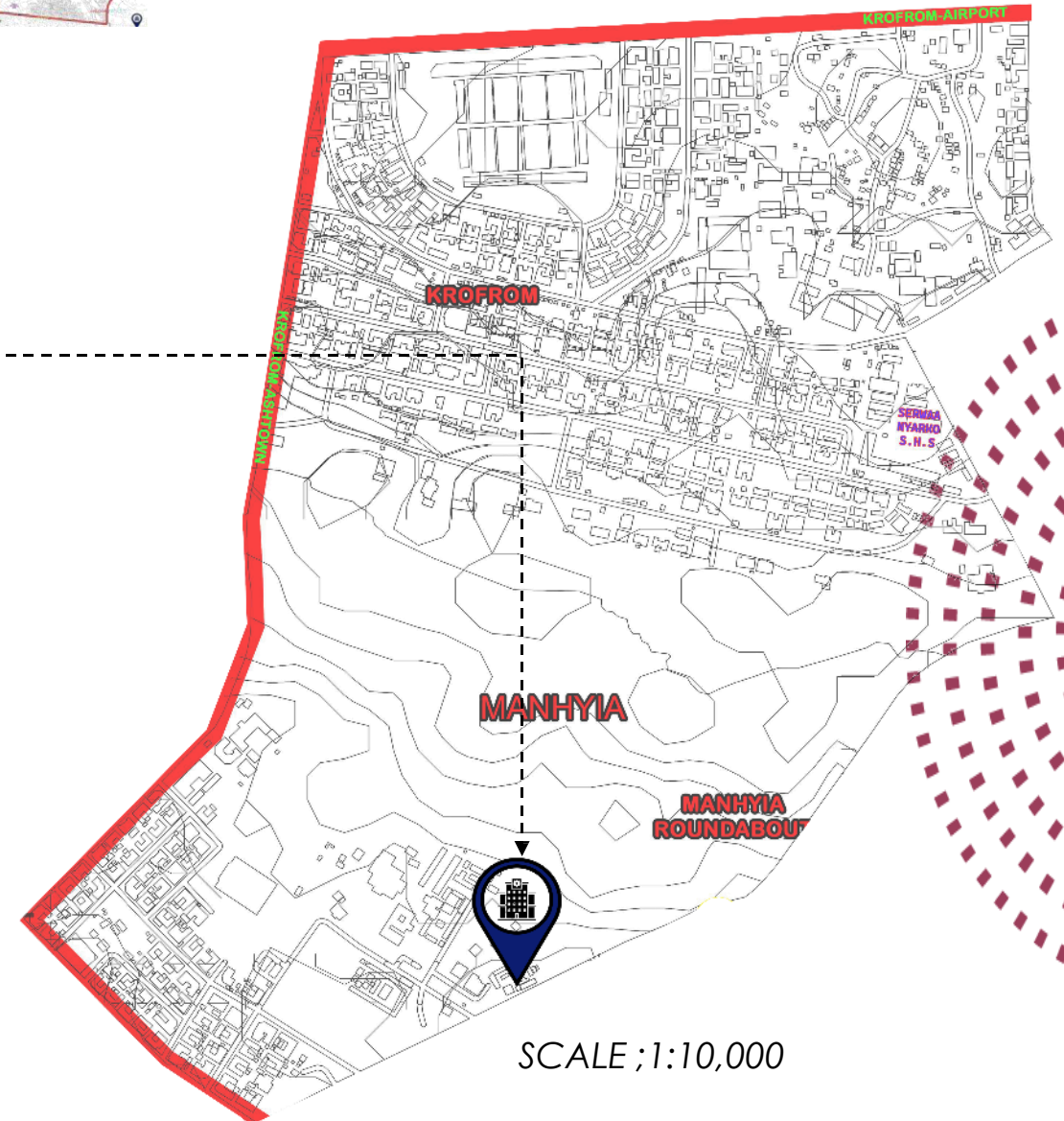
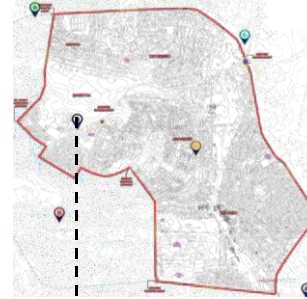
Zone 1 – Manhyia Police Station

 P93P + 89W, Kumasi, Ghana



Source: Author's construct, 2023

-  No posts
-  20 officers, 18 effective
-  No vehicles
-  Assault and petty theft.
Daily reports



Source: Author's construct, 2023

Zone 3 -Asawase Police Station

M9XW + 556, Keneanko Rd, Kumasi



Source: Author's construct, 2023



No security posts



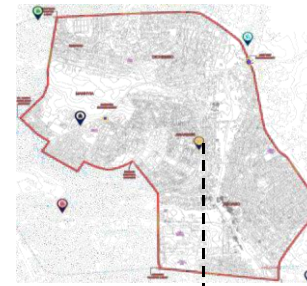
10 officers



No vehicles



Assault, Stealing
Daily reports



SCALE ;1:10,000



Catchment Area & Crime Zones

The jurisdiction of all the police stations interviewed overlaps with each other

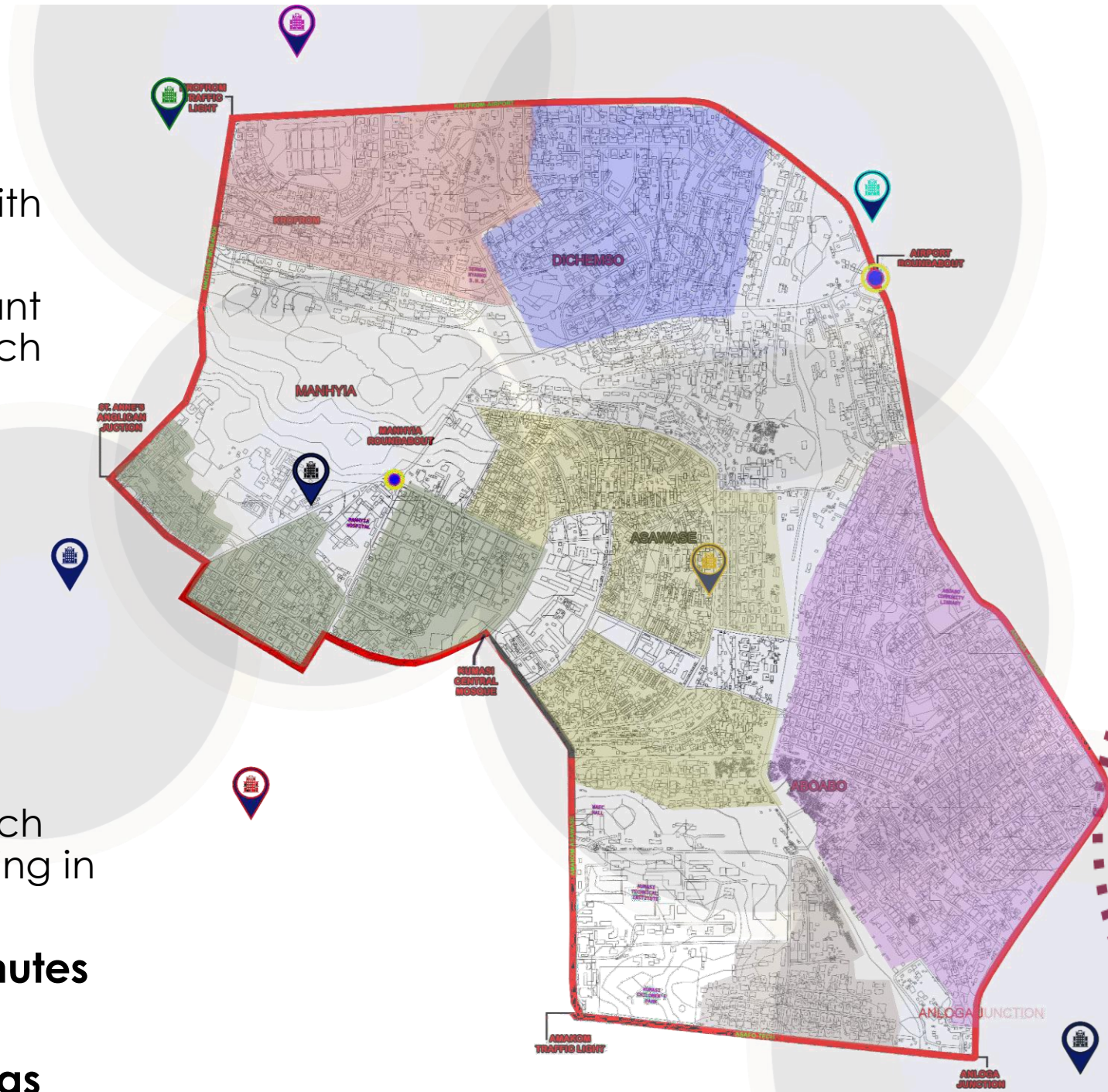
There are common predominant crimes zones for all stations which include:

- Krofrom
- Dichemso
- Asawase
- Sawaba, Aboabo
- Alabar, Ashtown

These areas are clustered as such police find it difficult maneuvering in these areas

Av. response time is **20-30 minutes**

because of **lack of vehicles, manpower** and **clustered areas**



□ CATCHMENT AREA

SCALE ;1:25,000

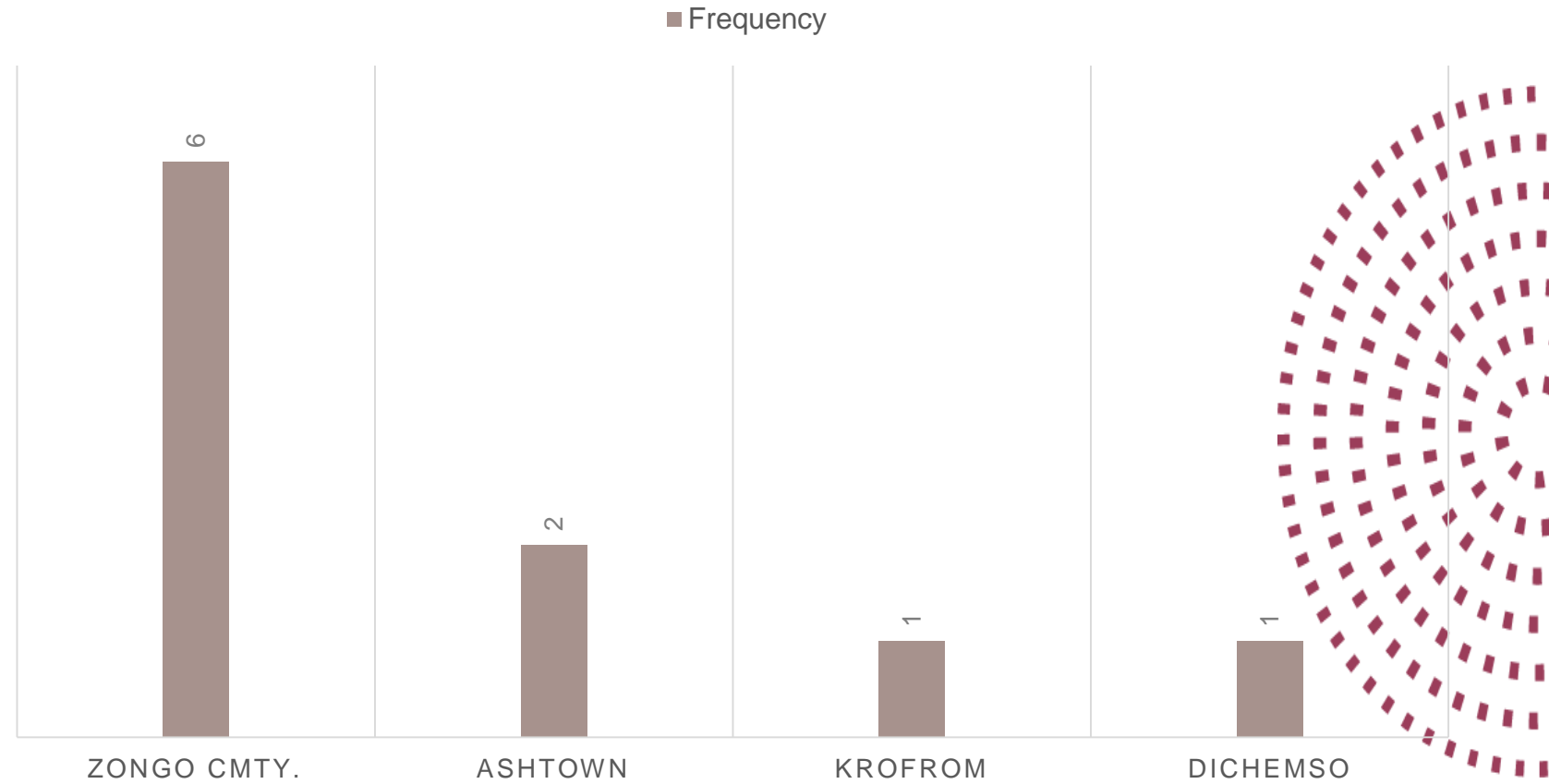
Source: Author's construct, 2023



Predominant crime zones

Per police report, the ff. are predominant crime zones

- Zongo Cmty. (Aboabo, Alabar, Asawasi, Sawaba, Sabu Zongo)
- Ashtown
- Krofrom
- Dichemso



Source: Author's construct, 2023



Predominant crimes in all zones

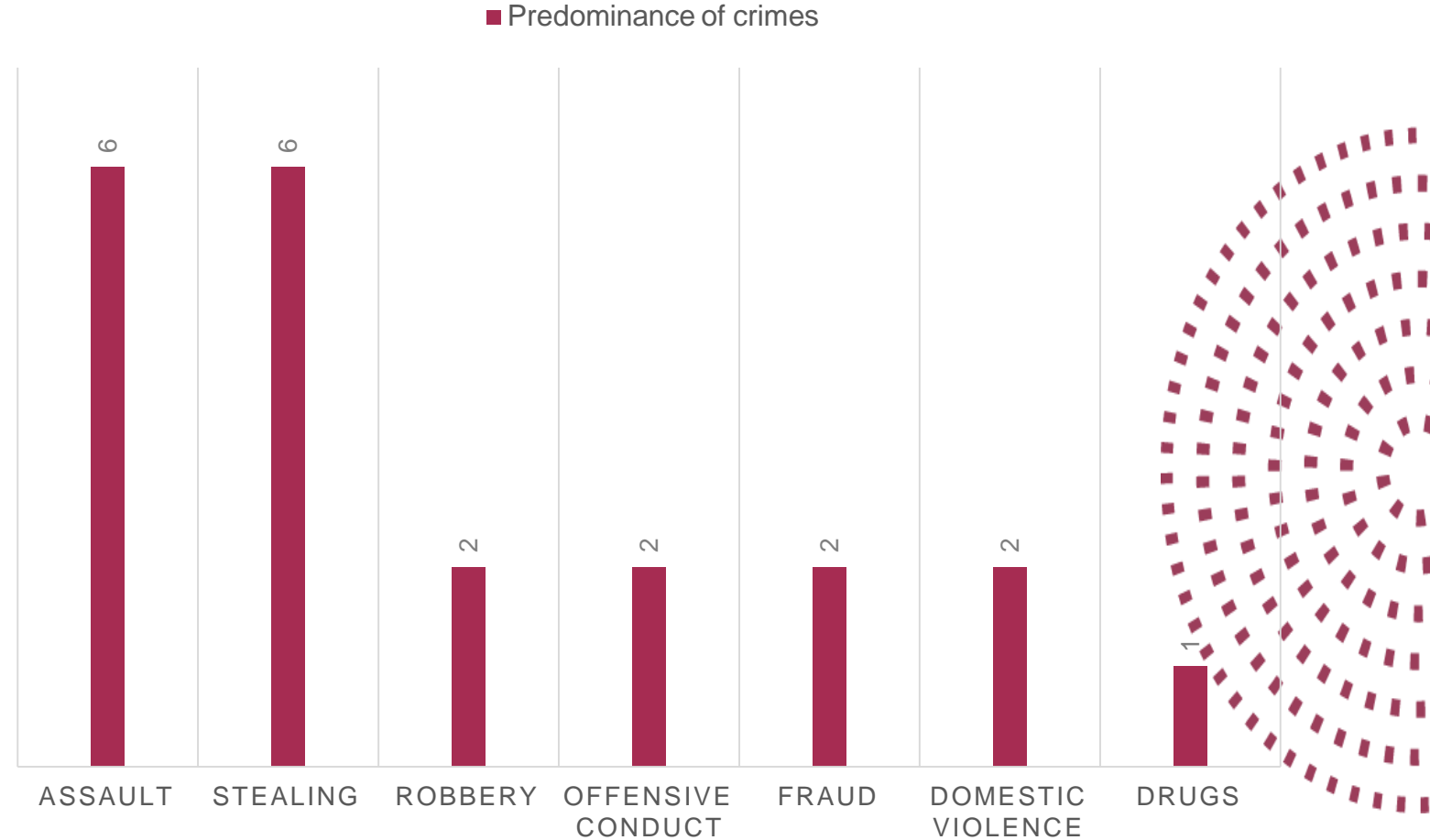
Within the entire jurisdiction, there were common crimes that run through

This is as a result of the ff. as stated by the police

- Lack of vehicles
- Lack of manpower
- Inaccessibility to crimes in **clustered** areas
- Difficulty in retrieving information from witnesses

All these crimes mostly occur in the clustered Zongo communities per police report

- **Unemployment, poverty** and **youthful exuberance** is mostly the causes of crimes in the society



Source: Author's construct, 2023

Location of Security Cameras

General Info.

- There were 41 security cameras located on the Study area.
- They were mostly located on major roads and collector roads
- Crimes **do not** usually occur on such streets because of security cameras and street lights, *per reports of residents*
- Crimes occur in the clustered and dark areas, *per reports of residents*



SCALE ;1:25,000

Source: Author's construct, 2023

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Fire Service



Location of Fire Station

General Info.

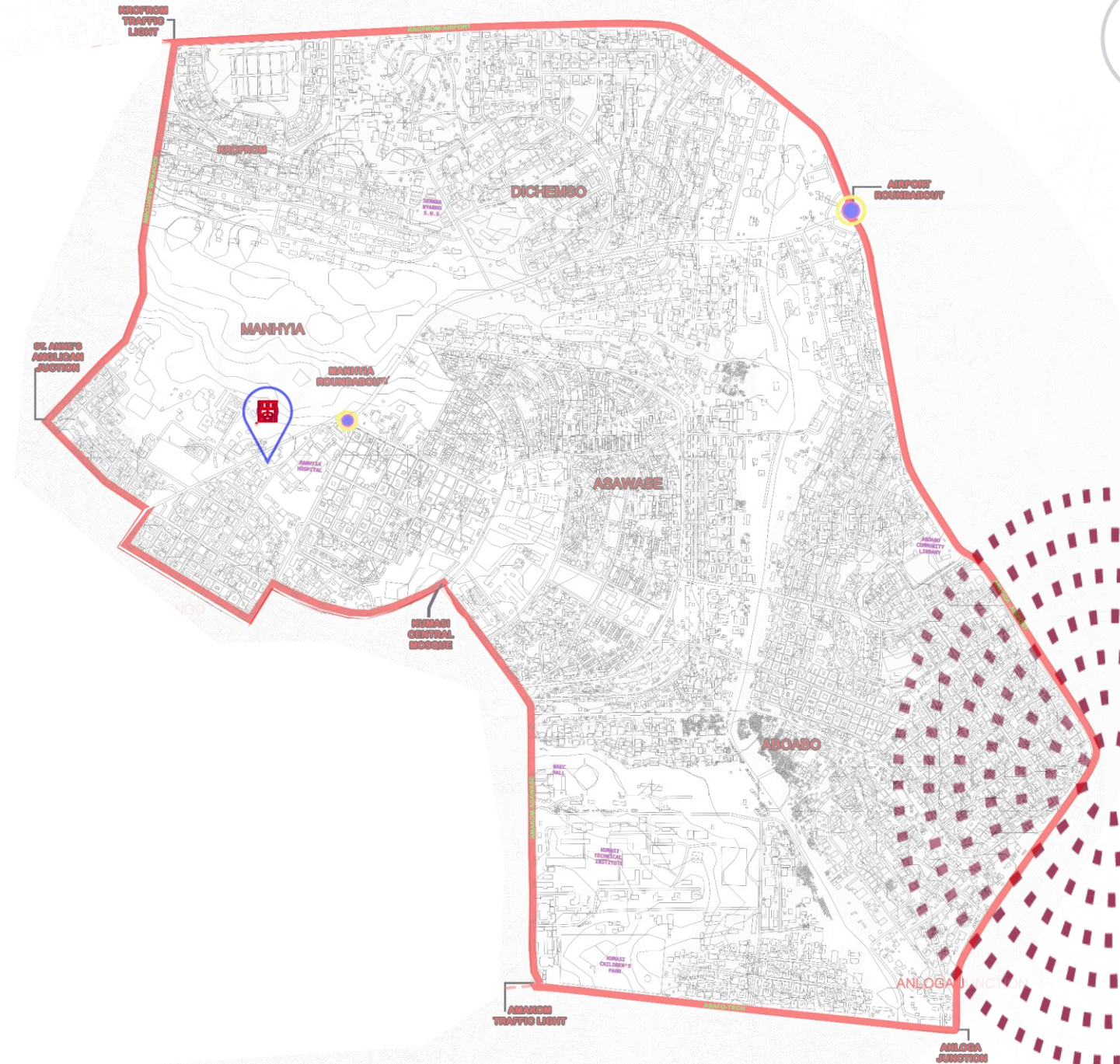
There is only one fire station situated in the Manhyia jurisdiction

It caters for all the towns within and outside our given jurisdiction



Fire truck stationed near quarters

The fire service is located on the ground floor of the National House of Chiefs building.




SCALE ;1:25,000

Source: Author's construct, 2023



Zone 1 - Manhyia Fire Service

 P93P + 7G5, Kumasi, Ghana



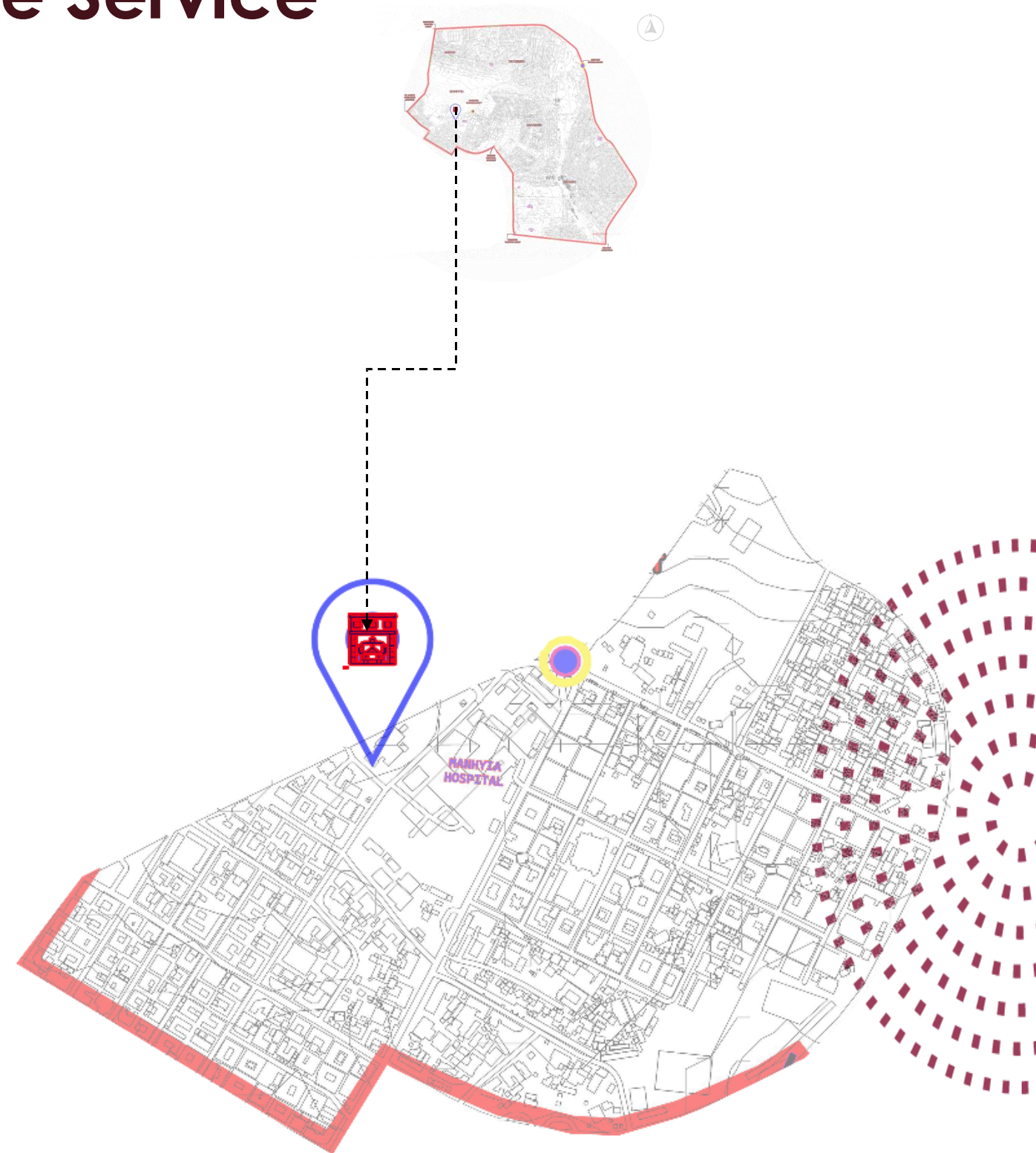
Source: Author's construct, 2023

 Proposed post at Asokore Mampong

 81 personnel

 1 car

 Domestic fires are most common
Averagely 18 in a month



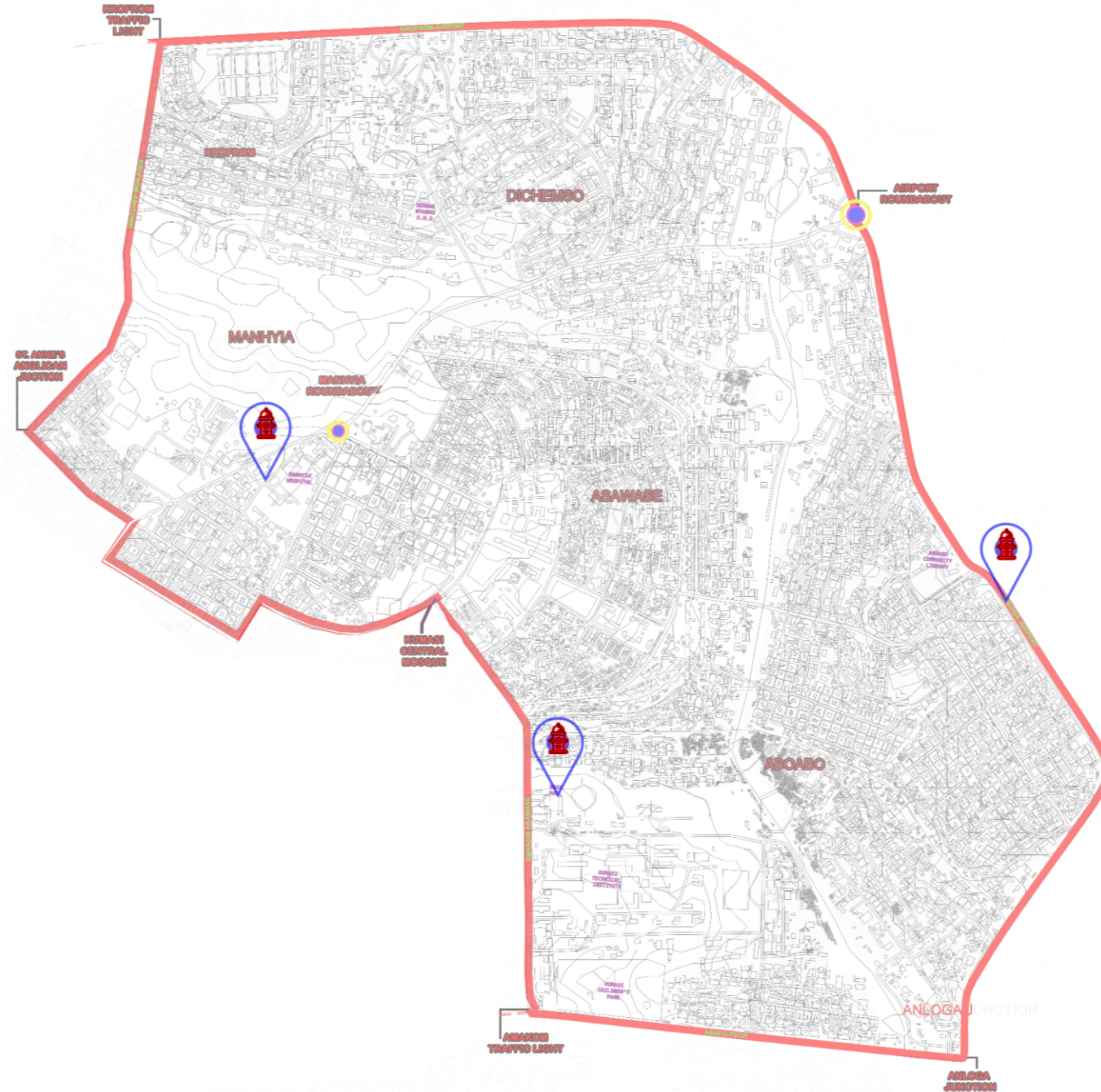
SCALE ;1:10,000



Fire hydrants location

There are currently 5 fire hydrants, 3 located within our jurisdiction:

- WAEC – **Zone 4**
- Aboabo Traffic – **Zone 6**
- National House of Chiefs – **Zone 1**



SCALE ;1:25,000

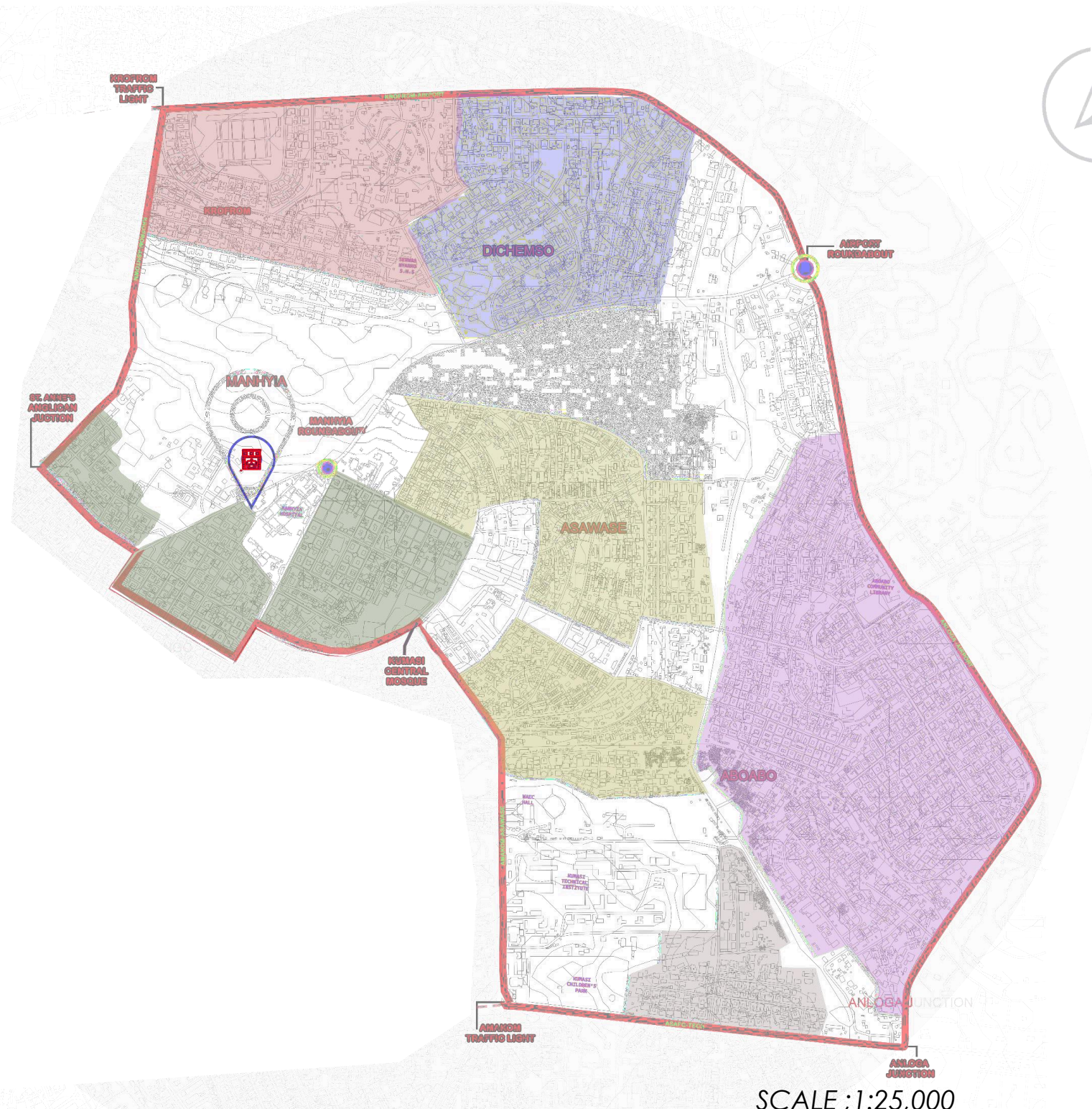
Source: Author's construct, 2023



Predominant Fire Zones

- Krofrom
- Dichemso
- Asawase
- Sawaba, Aboabo
- Alabar, Ashtown

- Domestic fires are the most common fires reported per fire station report
- They mostly occur in the clustered areas



SCALE : 1:25,000
Source: Author's construction, 2023



Fire risk areas

Areas of potential fire include:

 Filling Stations

 Meat market

 Blacksmith zone



 **Blacksmith Zone** - Open fire burning metals at the blacksmith zone

 **Meat Market** - Smoke arising from meat being cooked at the market



SCALE ; 1:25,000

Source: Author's construct, 2023



Ambulance Service



Location of Ambulance Service General Info.

There is only one ambulance service situated in the Manhyia jurisdiction. It caters for all the towns within our given jurisdiction.

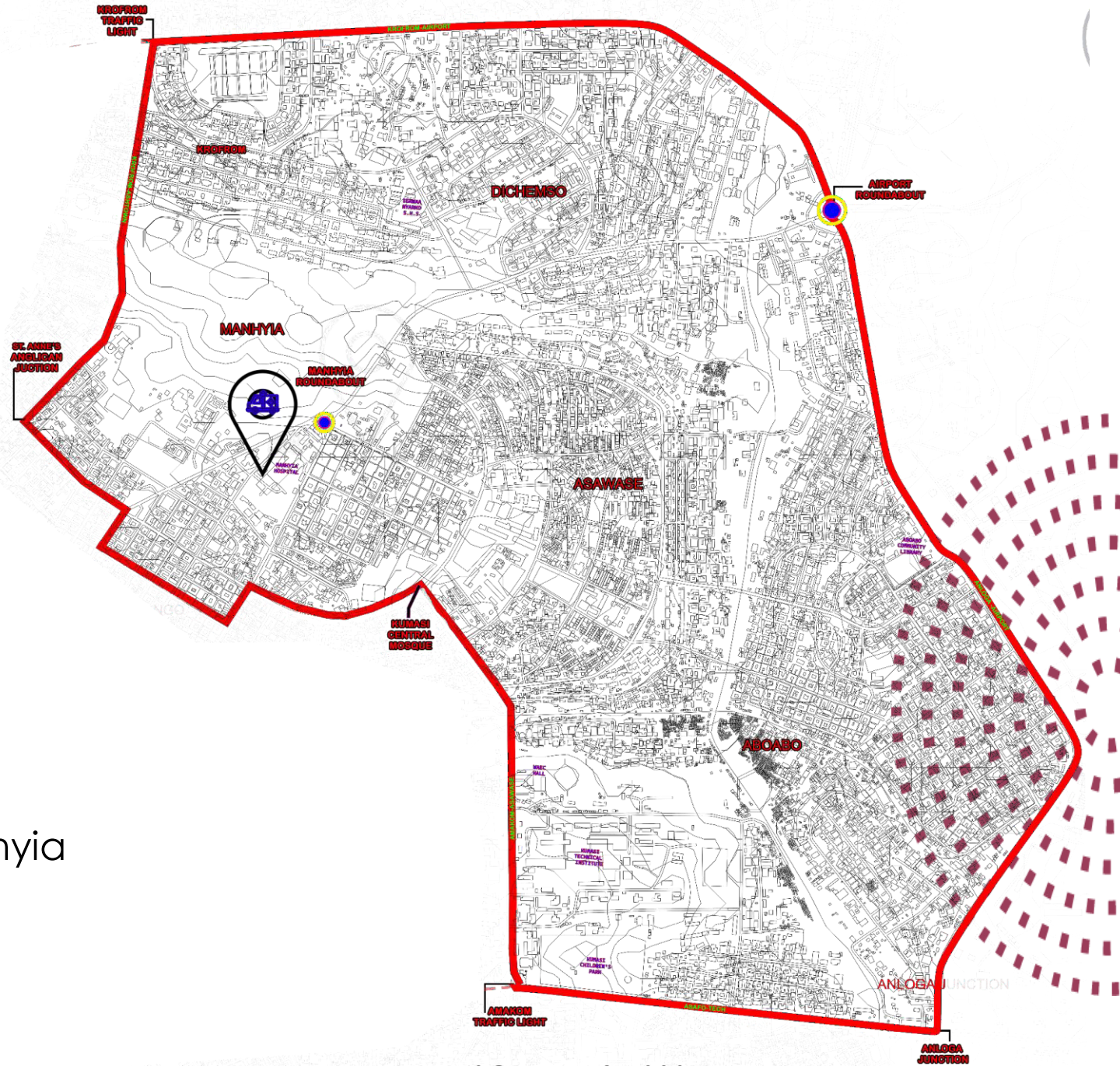


Image: Manhyia District Hospital Ambulance station

The Manhyia Ambulance service serves the Manhyia constituency and its environs.

There is only one ambulance available in the constituency

It is currently unavailable due to repairs and maintenance work on it.



SCALE ; 1:25,000

Source: Author's construct, 2023



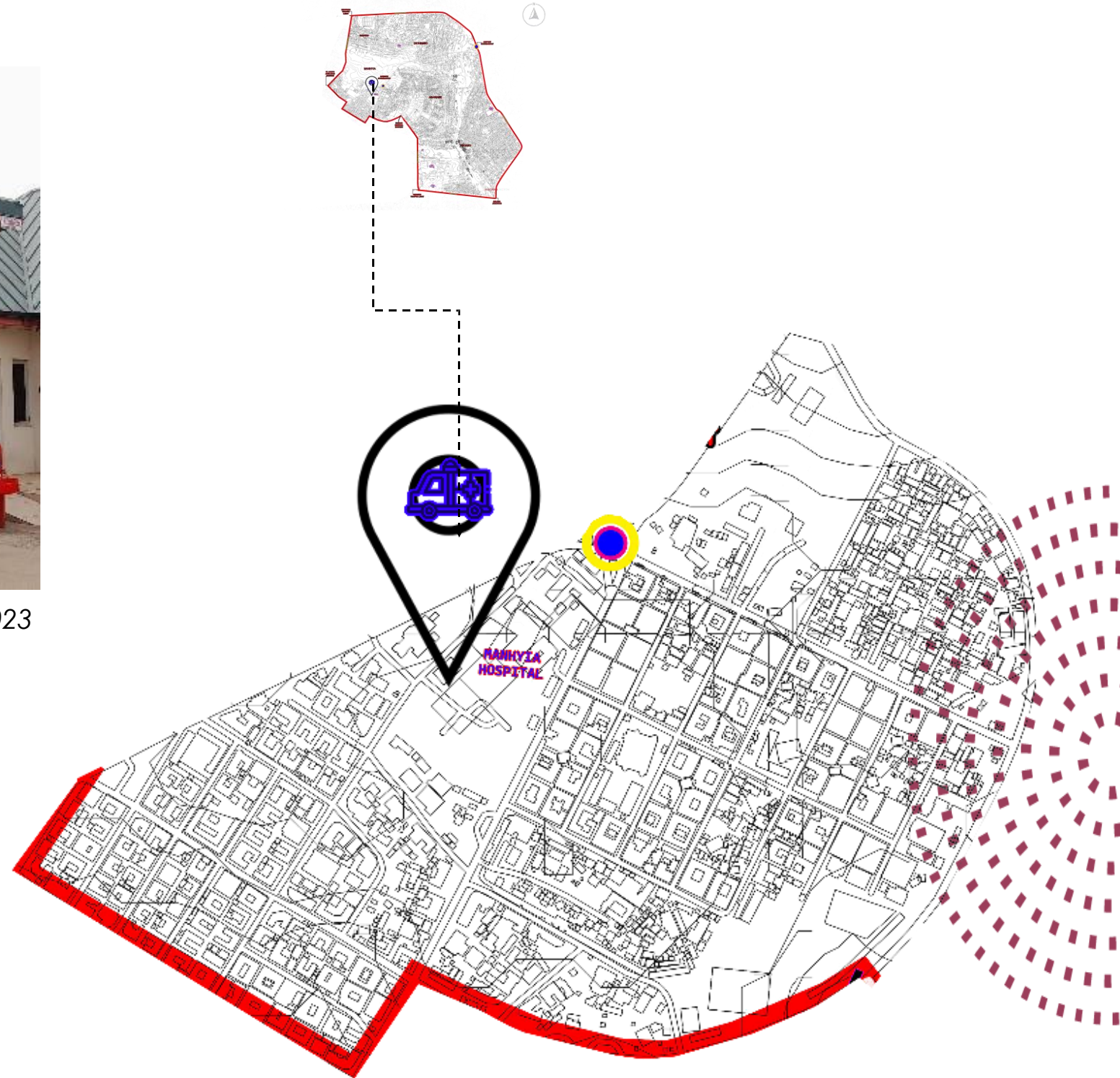
Zone 2 - Manhyia Ambulance Service

- 4 Zongo Rd, Kumasi



Source: Author's construct, 2023

- 🏠 No post
- 👥 10 personnel
- 🚗 1 car, however it is unavailable
- 🚑 Motor accident and pregnant women
Most cases are reported from the hospital



SCALE ;1:10,000

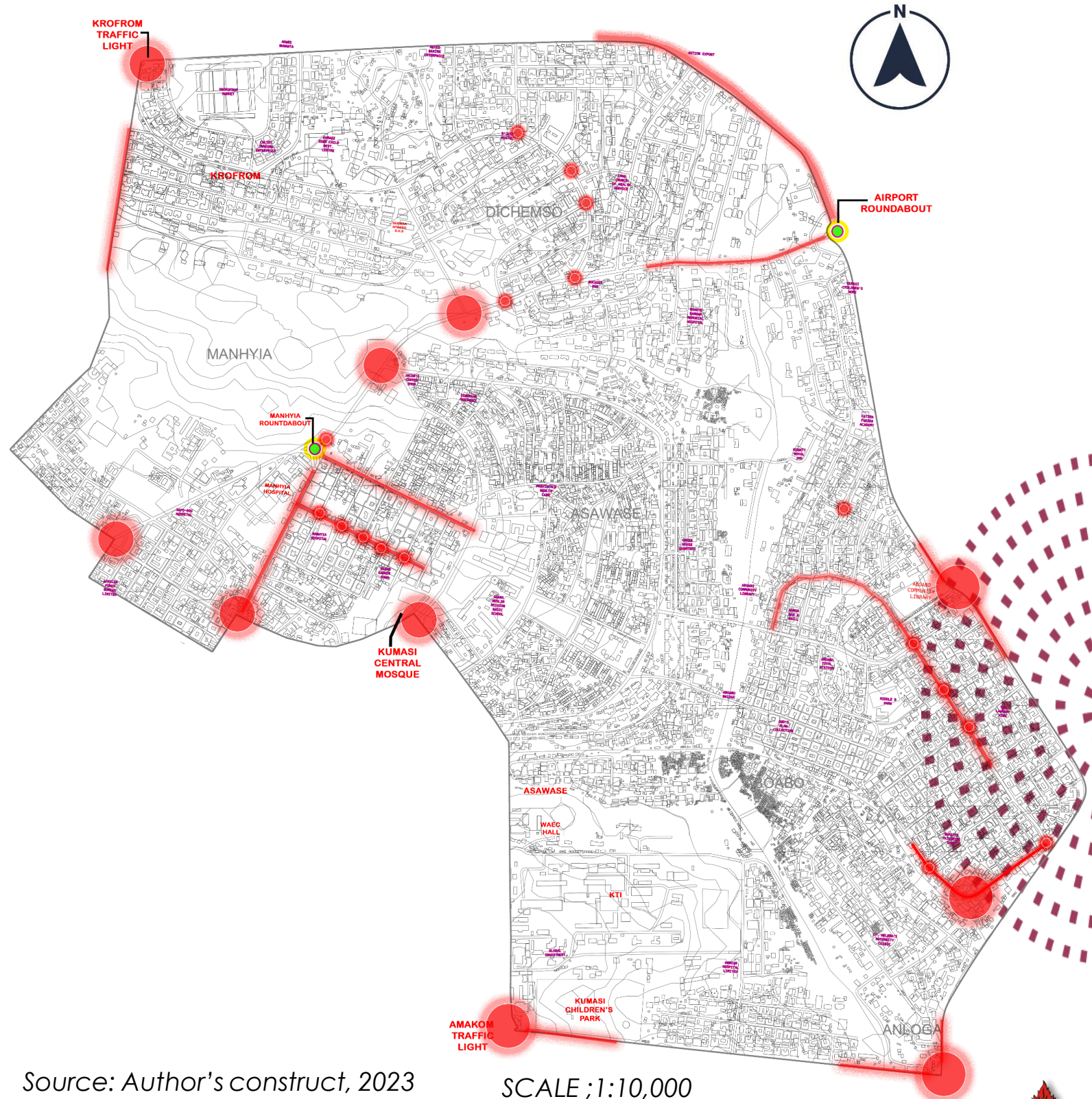


ACCIDENT PRONE AREAS

- Manhyia is the main catchment area for the ambulance service
- Response time: 5 – 10 mins

Accident prone zones

- The accidents usually occur on the major roads and collectors because of high traffic in these areas, *per ambulance service report*



Source: Author's construct, 2023

SCALE ;1:10,000

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COLLABORATIONS WITH OTHER AGENCIES

All the security services has collaborations with the following agencies:



Municipal Assembly

All the security services works with the various MMDs in their catchment area

Ghana Highways Authority

The Highways Authority plans the roads to include emergency routes for the security and emergency service

Ghana Police Service

The police service is the central point of contact in any emergency situation.



Ghana Water Company Limited

The Ghana Water Company builds hydrants on their high pressure pipe lines.



Ghana Post

The Ghana Post's maps and navigation system is what is used by the Fire Department.



Residents of Kumasi

The Security Services and the people in the community work hand in hand to promote fire safety





AVAILABILITY OF PARKING SPACES



Data Collection Guide

1. Type of Parking Space?

- a. Public
- b. Private

- c. Outdoor
- d. Indoor

- e. Open
- f. Closed

2. Capacity of Parking Space?

3. Total Area Of Parking Space?

4. Material used for Parking Space?

5. Parking Duration

6. Parking Angle?

- a. 30°
- b. 45°
- c. 60°
- d. 90°
- e. Undefined

7. Types of Vehicles that use parking Space?

- a. Private Cars
- b. Buses
- c. Trucks
- d. Motorcycles
- e. Bicycles

8. Payment Requirements?

- a. Paid
- b. Free

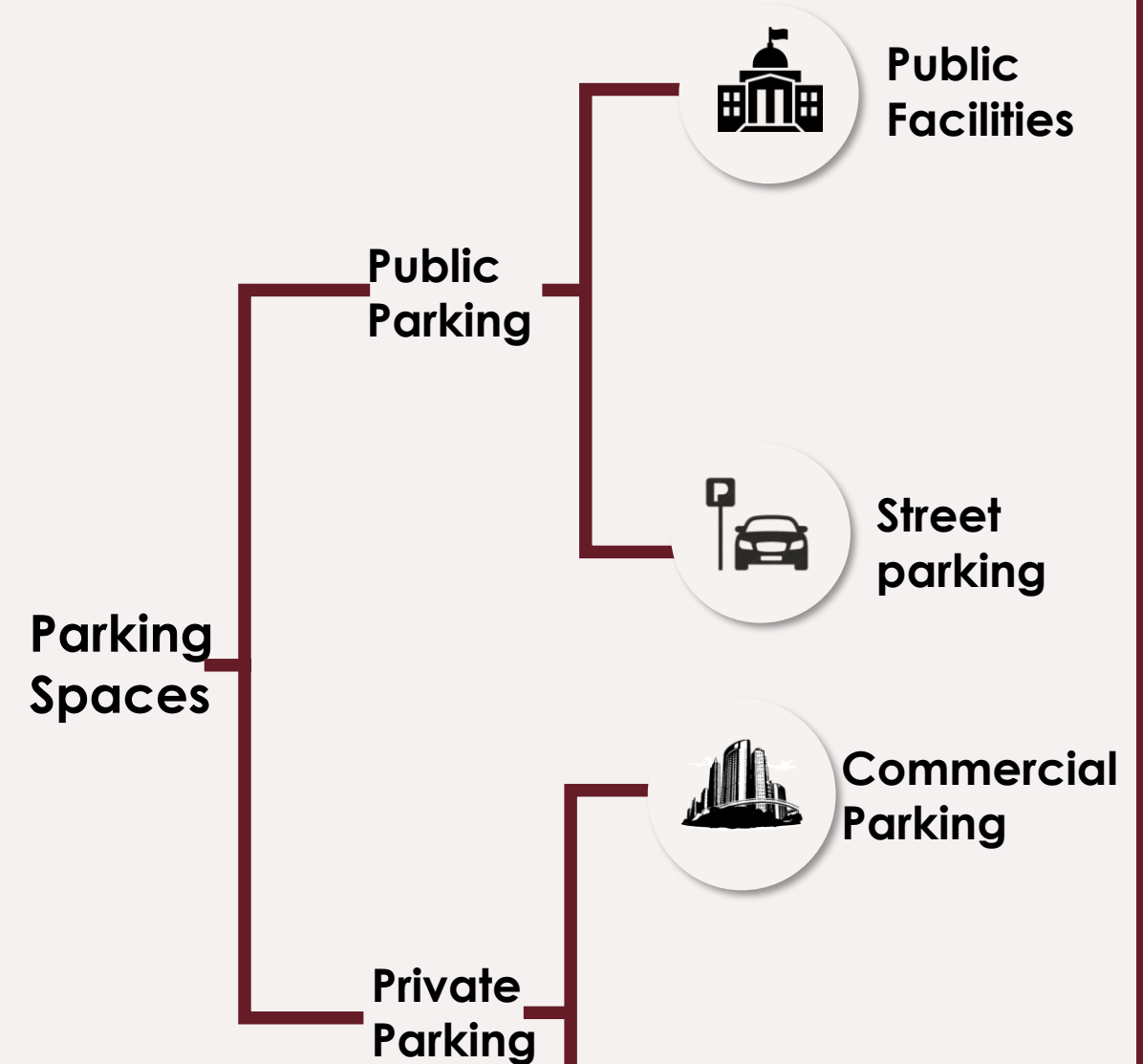
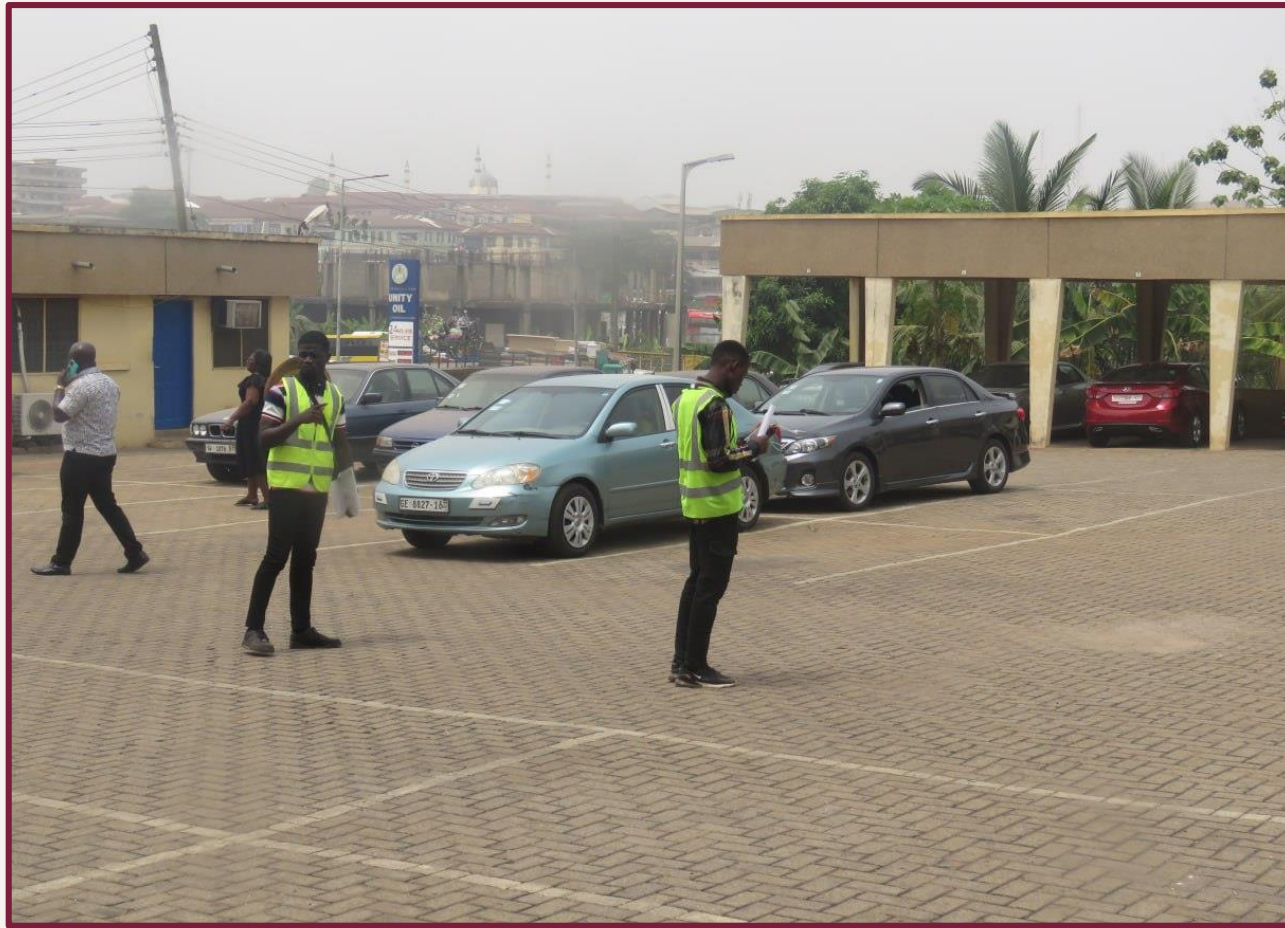
9. Parking Space Usage

- a. Facility Users
- b. General Public





URBAN PARKING SPACES



This refers to space within the urban setting useful or designated for the parking of automobiles and other automotive vehicles.

This is useful in connection with eliminating traffic congestion and urban blight, improving access and egress, and providing for development or redevelopment of central cities.

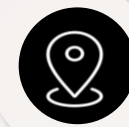
Source: Field survey 2023



Overview



Source: Field survey 2023



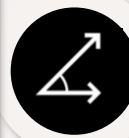
LOCATIONS

Public car parks were placed next to government buildings, with a gasoline station acting as a significant public parking lots.



MATERIAL FINISHES

40% of the parking spaces are finished with coal tar, 30% with cement screed, and 15% each with earth and pavement blocks.



PARKING ANGLES

69.6% of parking spaces have a 90° angle design, 26.1% have undefined parking while the remaining 4.3% have a 60° angle.



COST

Out of the 23 public parking spaces, only one offers paid services, which includes security surveillance.

CAPACITY

The average parking count for public parking spaces is 44 cars, with each car parking for averagely 2.5 hours.



Manhyia Car Park(Zone 1)



Central Mosque Car Park (Zone 2)

Source: Field survey 2023

MAP SHOWING PUBLIC PARKING SPACES IN THE STUDY ENCLAVE



Legend

- Area of focus
- P Car Park

SCALE 1:25000



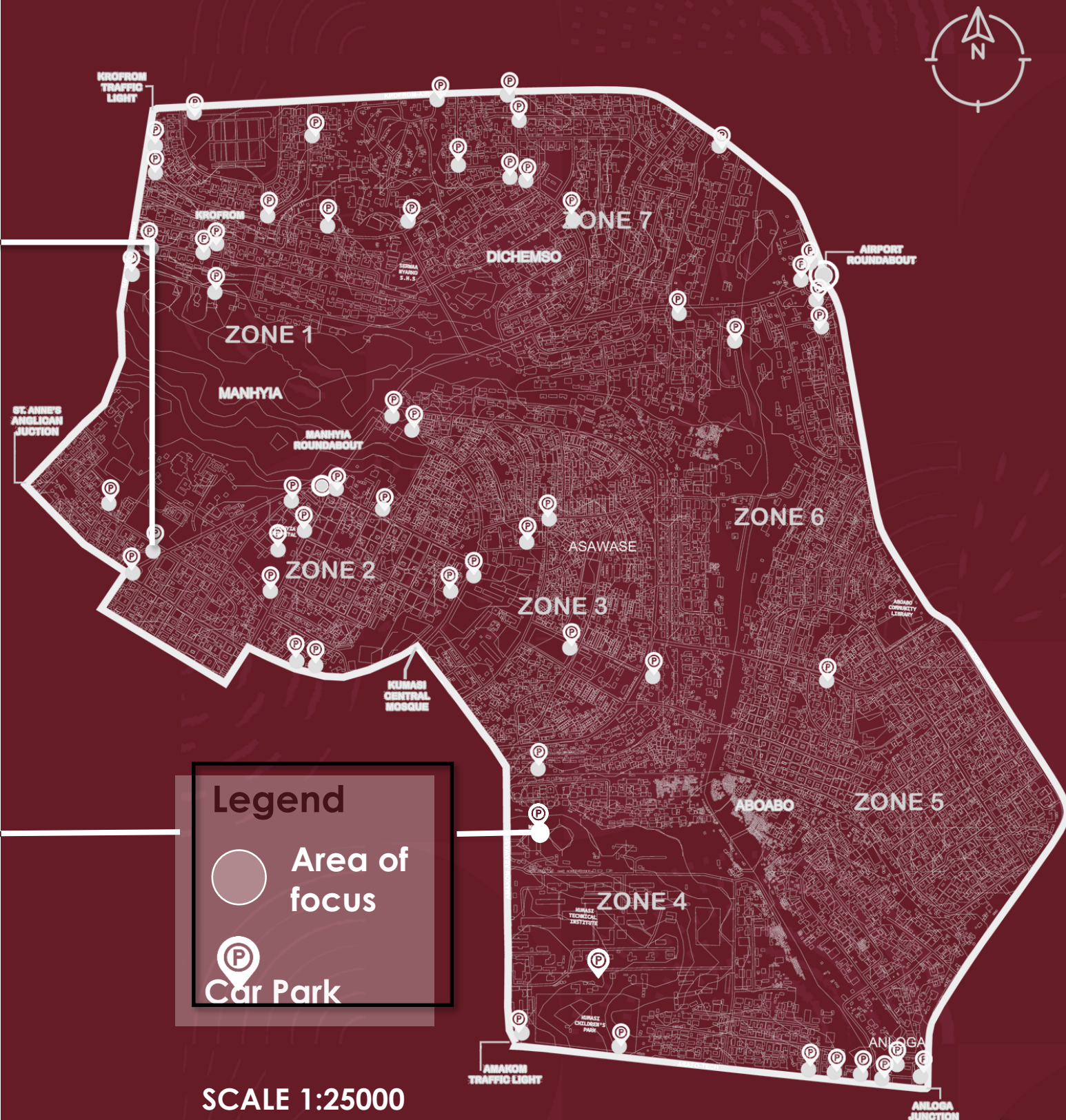
MAP SHOWING PUBLIC PARKING SPACES IN THE STUDY ENCLAVE



Dogo Moro Park (Zone 3)



WAEC Office (Zone 4)



MAP SHOWING PUBLIC PARKING SPACES IN THE STUDY ENCLAVE

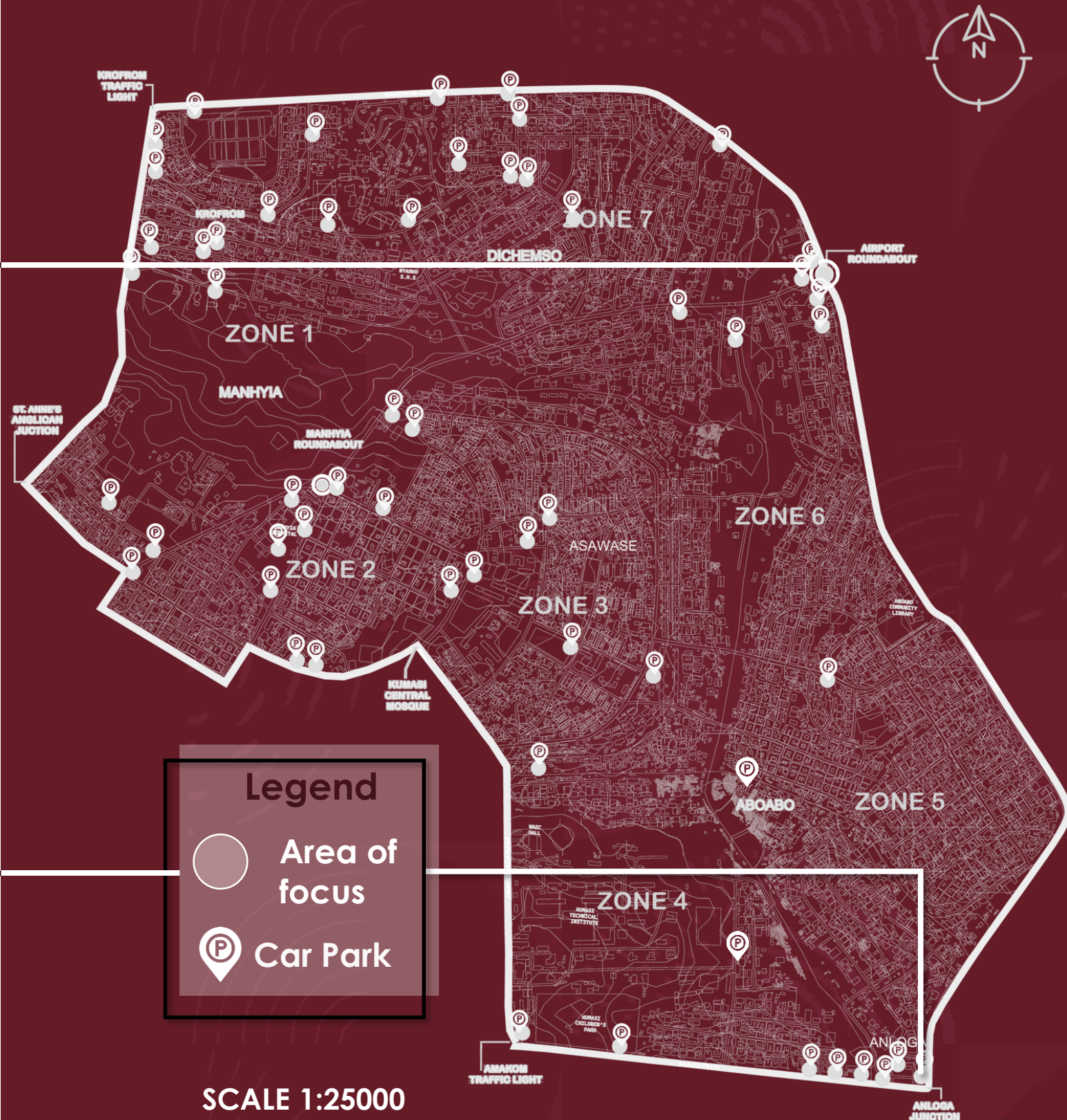


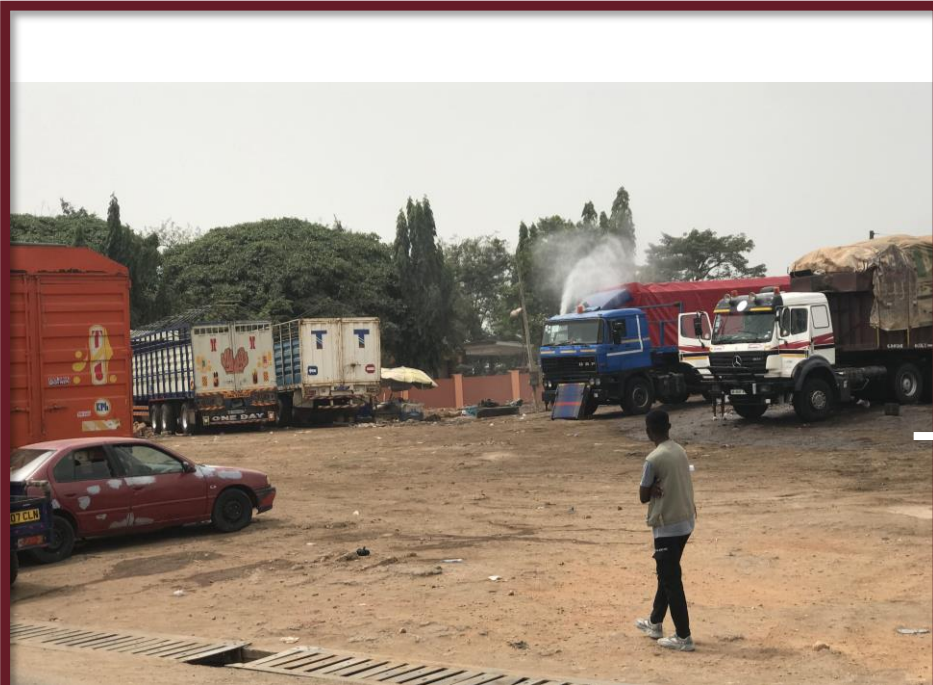
Total Energies-Airport Roundabout (Zone 6)



Total Energies Fuel Station-Anloga Junction (Zone 5)

Source: Field survey 2023



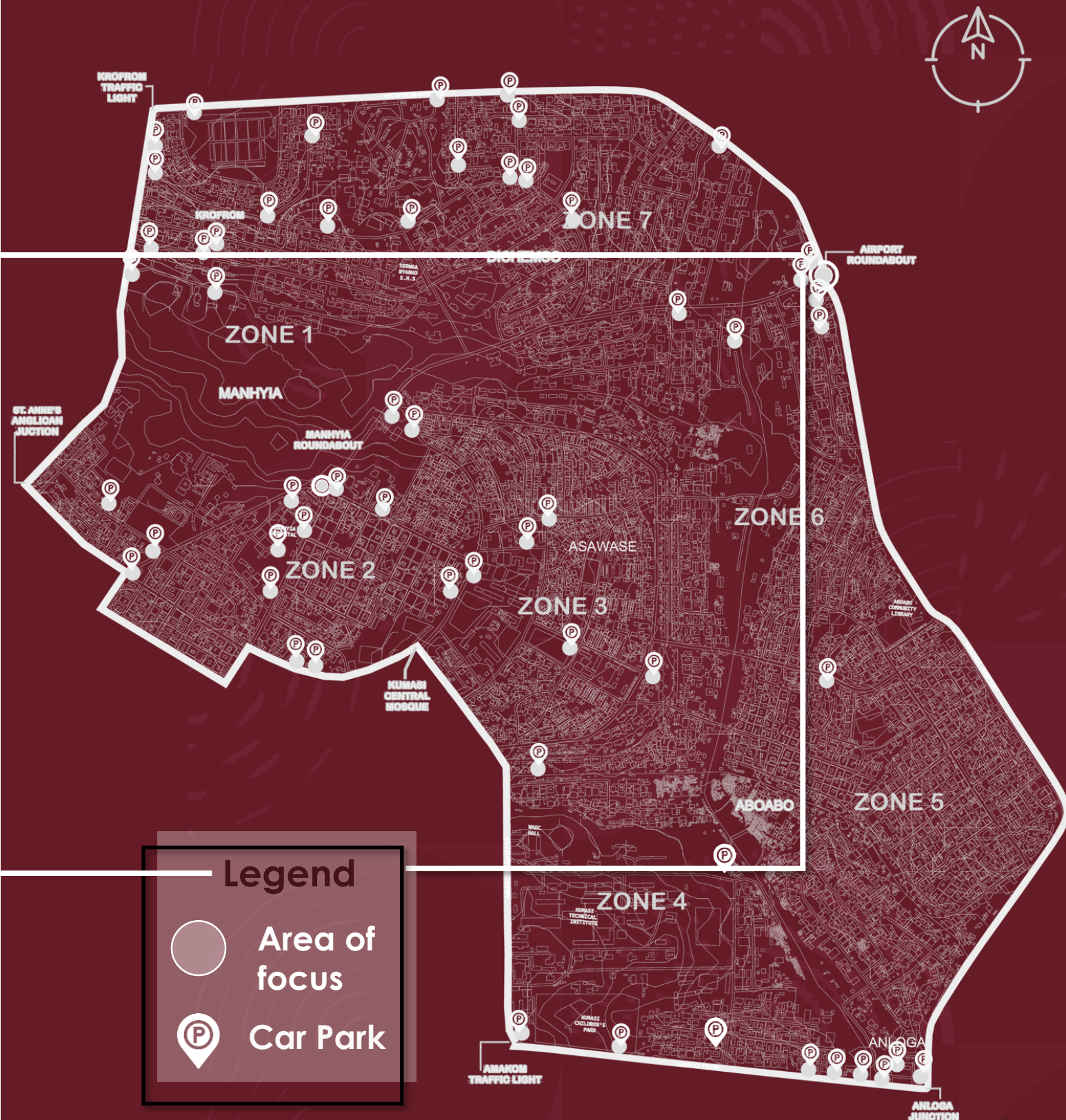


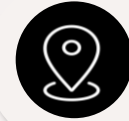
Washing bay - Airport Roundabout (Zone 7)



Shell Fuel Station Airport Roundabout (Zone 7)

MAP SHOWING PUBLIC PARKING SPACES IN THE STUDY ENCLAVE





LOCATIONS

Private parking spaces were located in front of commercial buildings and homes.



MATERIAL FINISHES

33.3% of the parking spaces are finished with cement screed, 25.9% with coal tar, 22.2% with pavement blocks, 14.8% with earth and 3.7% with a mixture of concrete and pavement blocks.



PARKING ANGLES

69.6% of parking spaces have a 90° angle design, 26.1% have undefined parking while the remaining 4.3% have a 60° angle



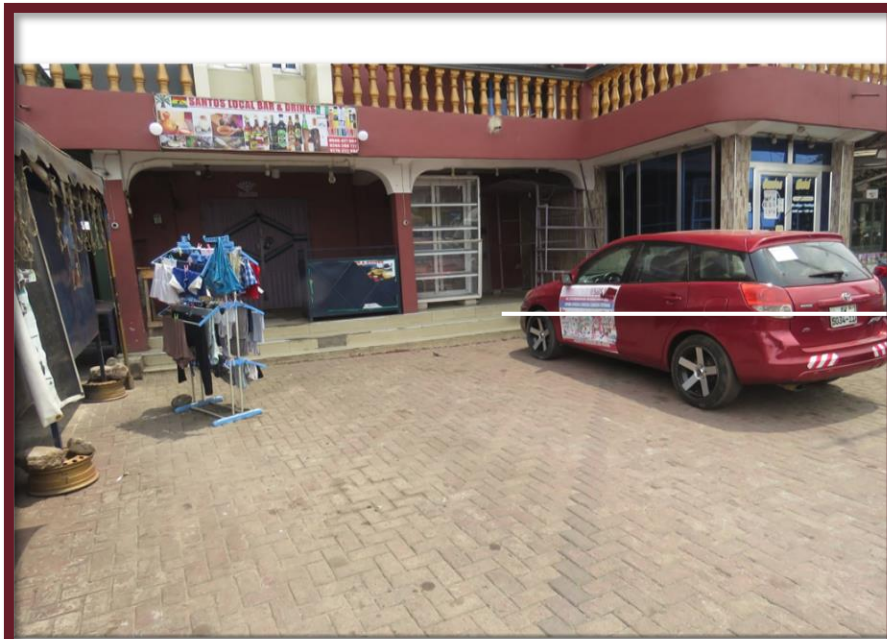
COST

All the private public spaces are free, however they have restricted access

CAPACITY

The average parking count for public parking spaces is 13 cars, with each car parking for averagely 6 hours.

Source: Field survey 2023



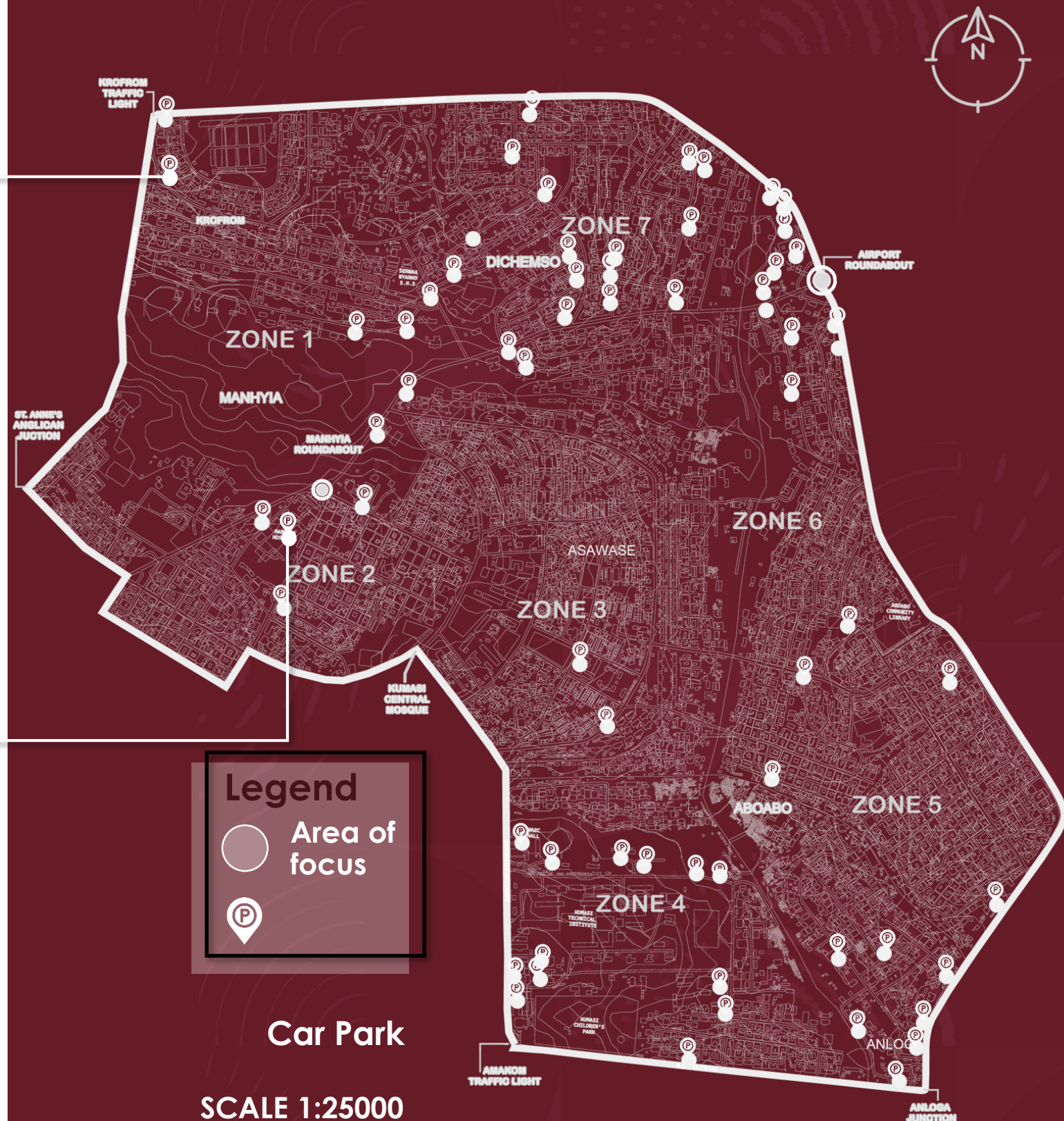
Hotel de Santos (Zone 1)



Manhyia Hospital Staff Car Park (Zone 2)

Source: Field survey 2023

MAP SHOWING PRIVATE PARKING SPACES IN THE STUDY ENCLAVE



MAP SHOWING PRIVATE PARKING SPACES IN THE STUDY ENCLAVE

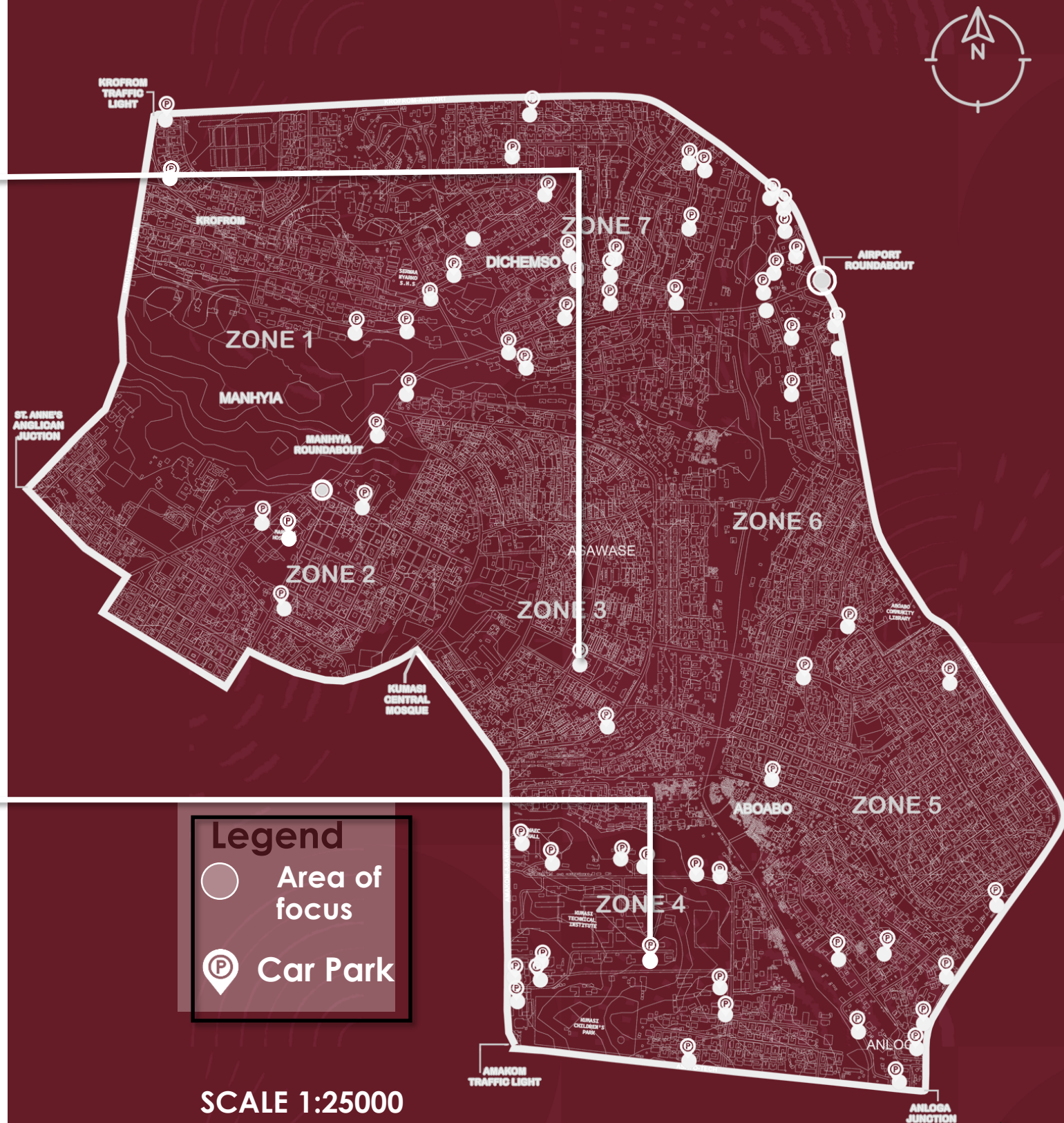


Office Building Car Park (Zone 3)



Ghana Revenue Authority Car Park (Zone 4)

Source: Field survey 2023





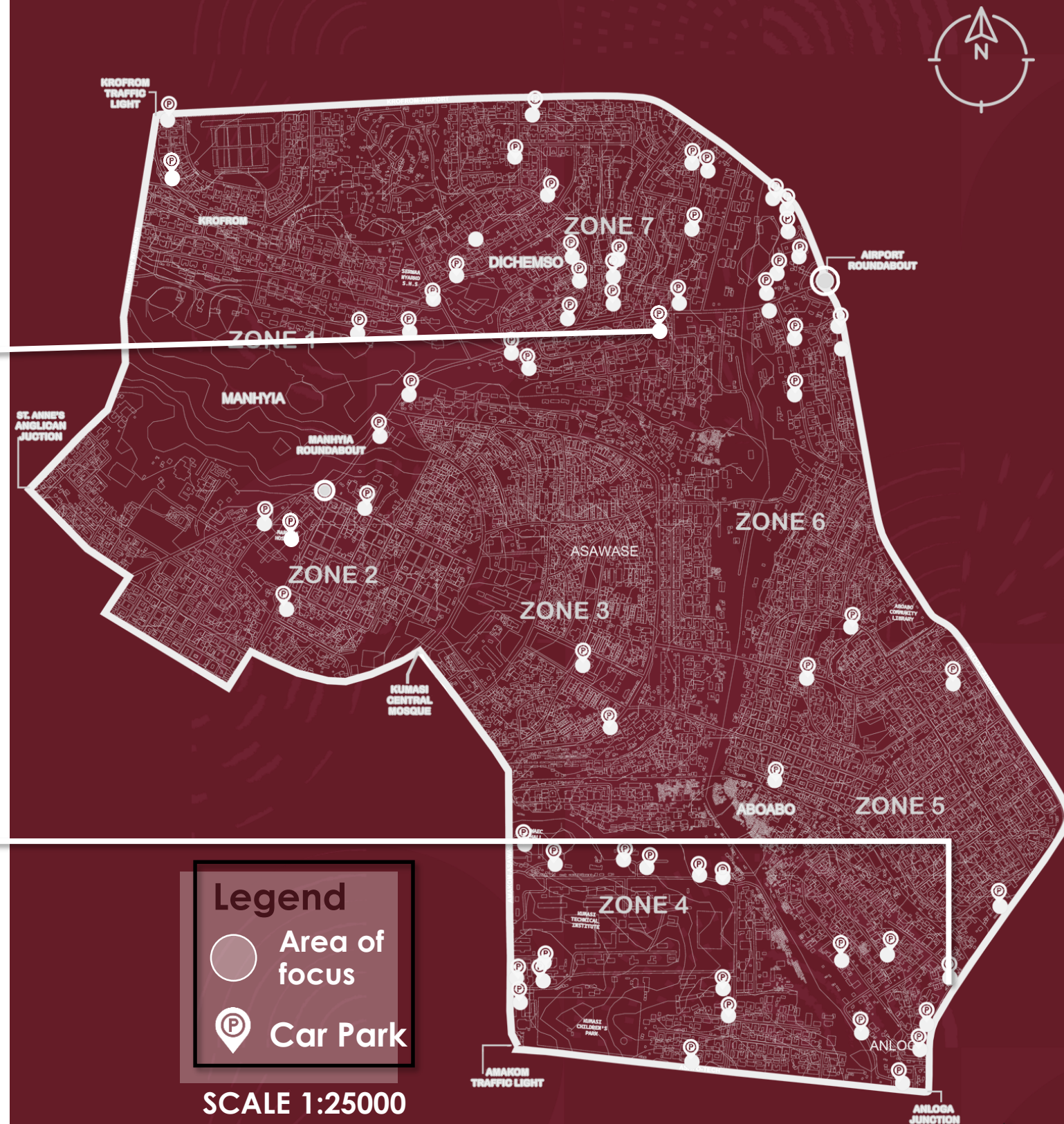
Christ Apostolic School Complex Car Park (Zone 6)



Nobel Dream Bank Car Park (Zone 5)

Source: Field survey 2023

MAP SHOWING PRIVATE PARKING SPACES IN THE STUDY ENCLAVE

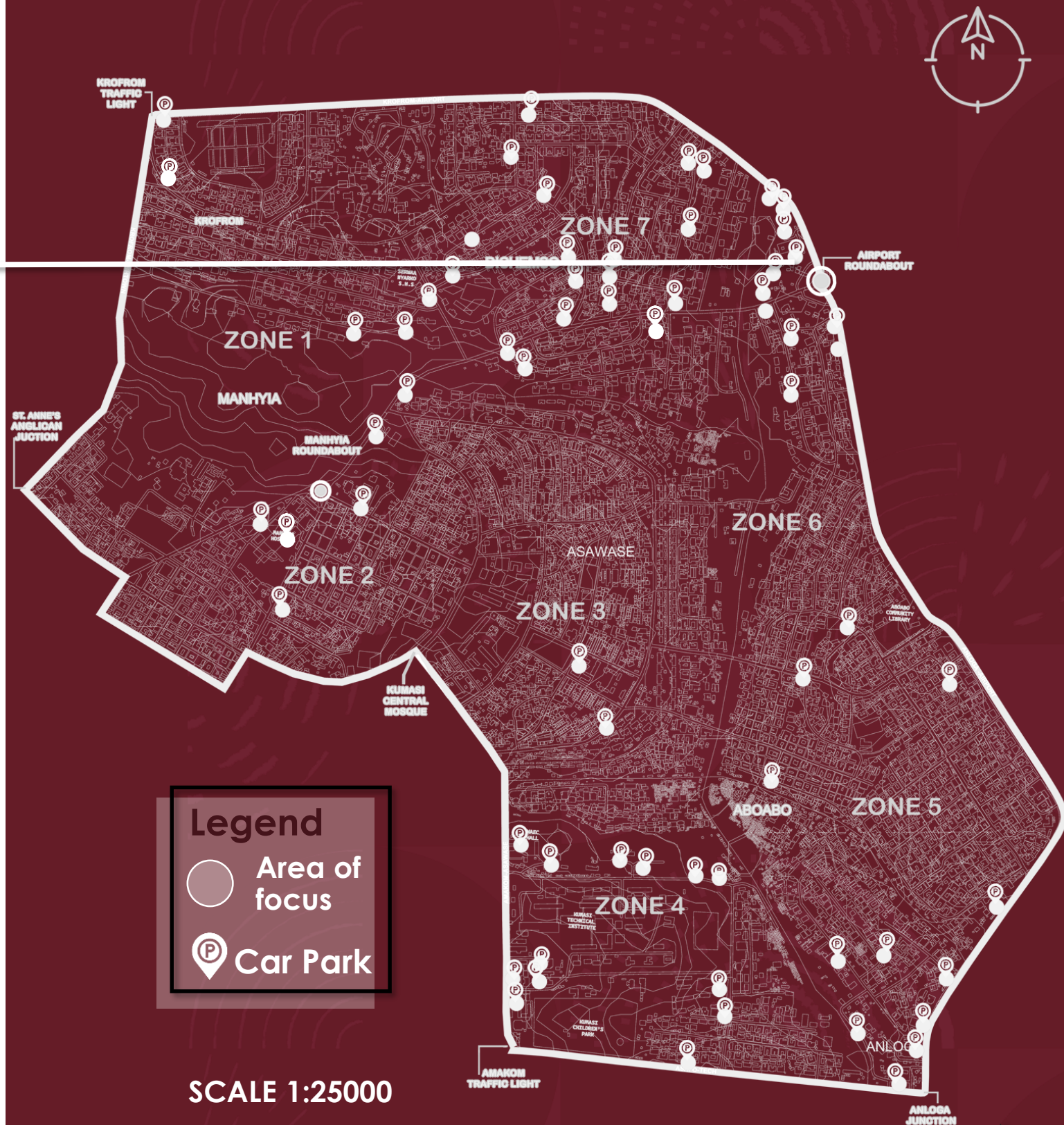


MAP SHOWING PRIVATE PARKING SPACES IN THE STUDY ENCLAVE



Jofel Catering Services (Zone 7)

Source: Field survey 2023



Legend

○ Area of focus

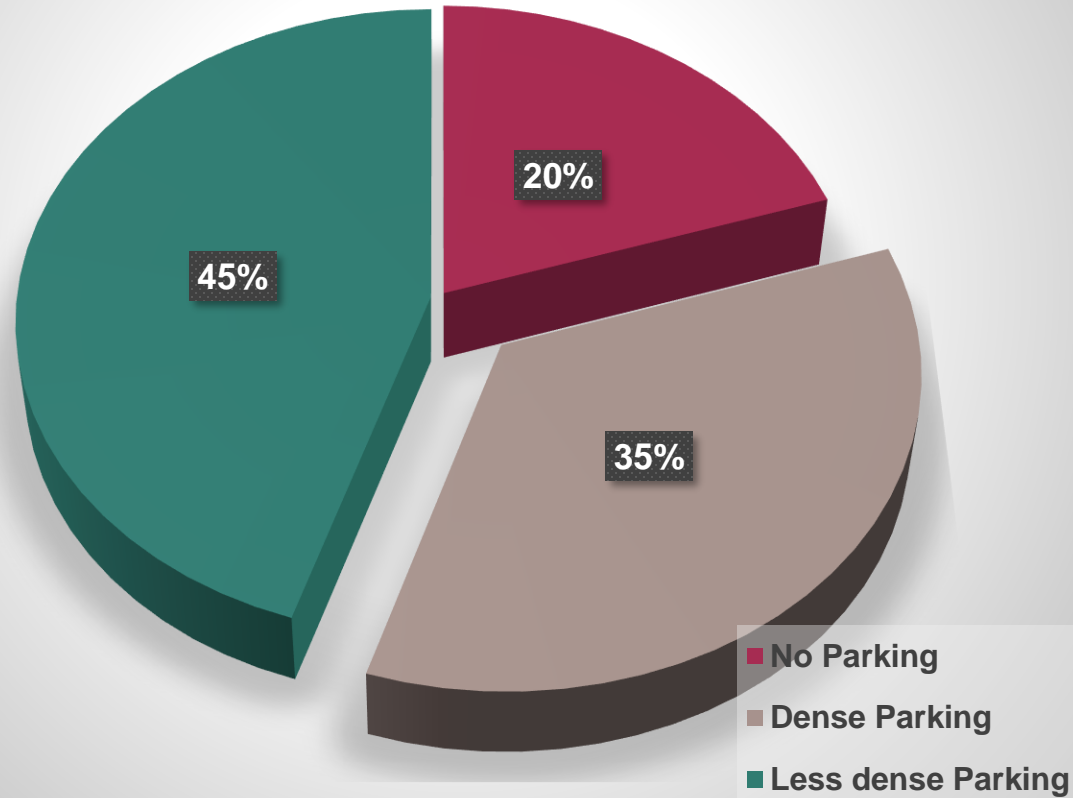
Ⓟ Car Park

SCALE 1:25000



Overview

Parking Distribution



ON-STREET PARKING

A major character observed in the study area was on-street parking.

About 80% of the total streets in the study area had vehicles parked along them.



Source: Field survey 2023

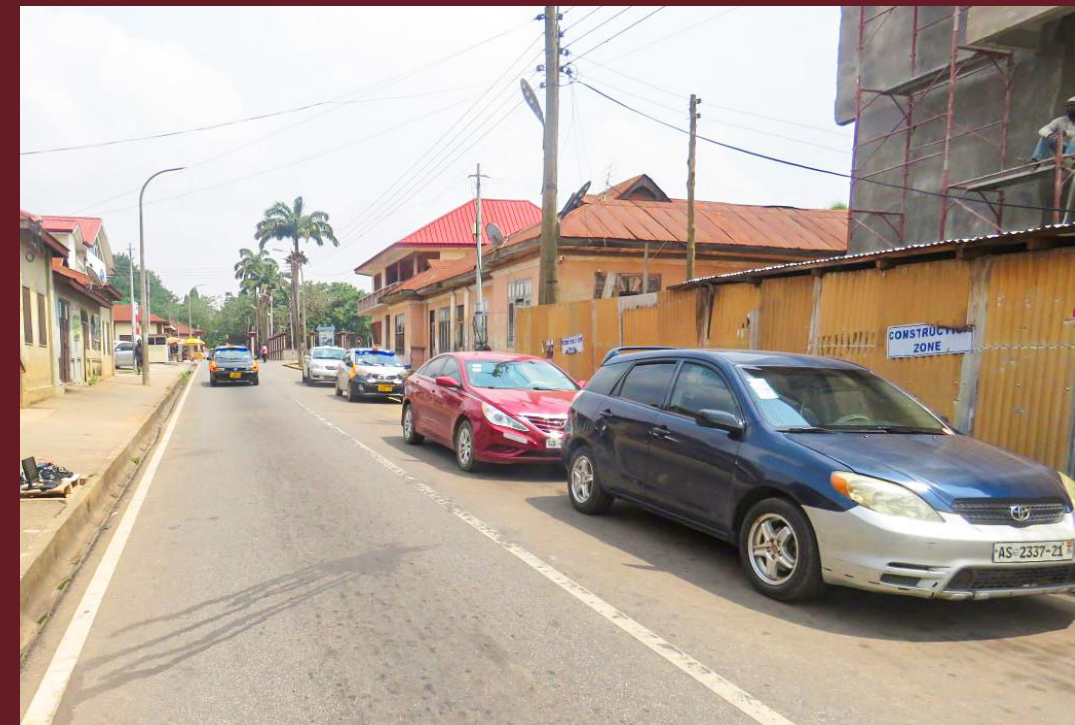
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Street Parking

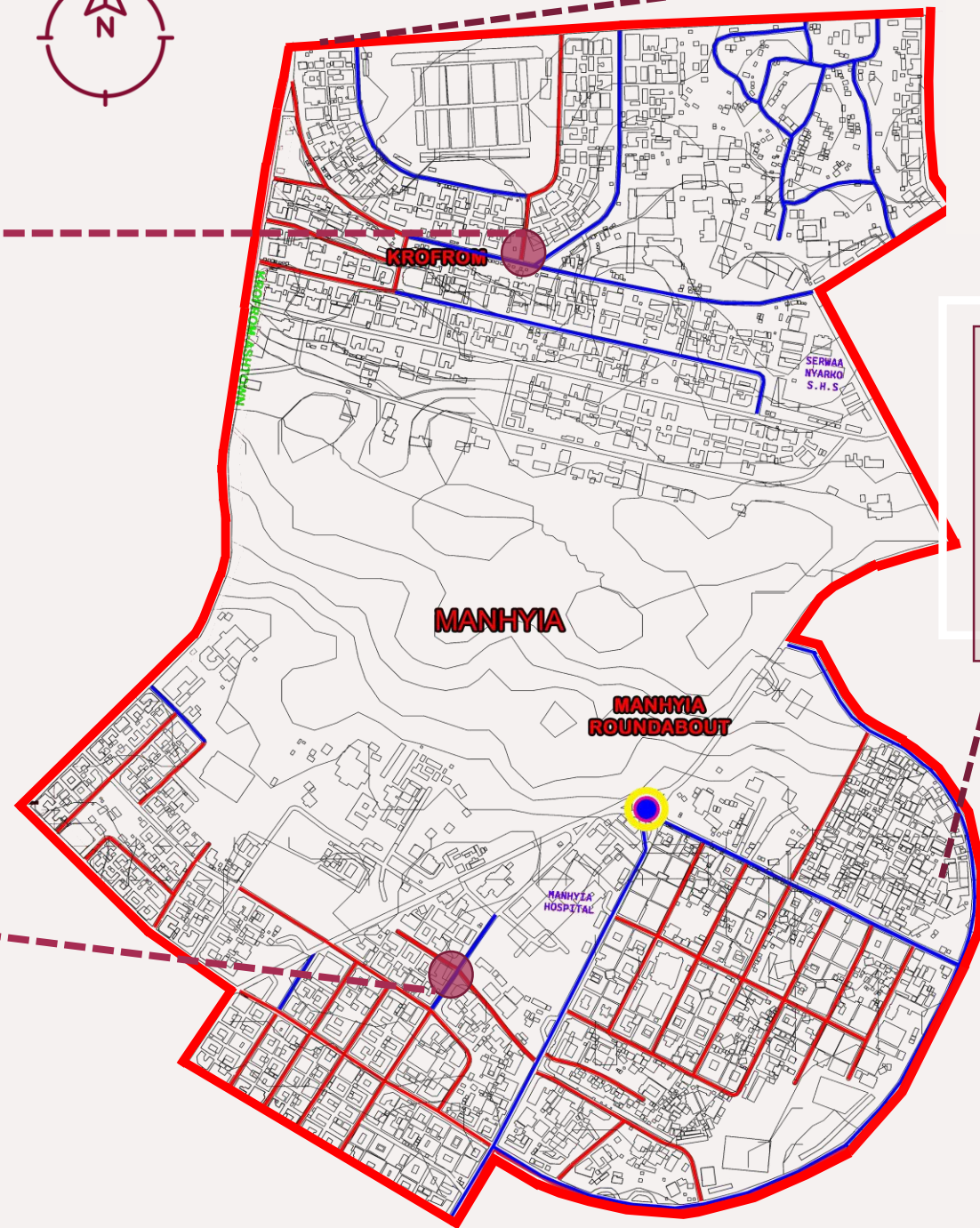


Dense street-parking in Zone 1



Less dense street-parking Zone 2

Source: Field survey 2023



Legend

- Less Dense
- Dense

SCALE 1:15000

MAP SHOWING ON STREET PARKING SPACES IN ZONES 1&2

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Street Parking

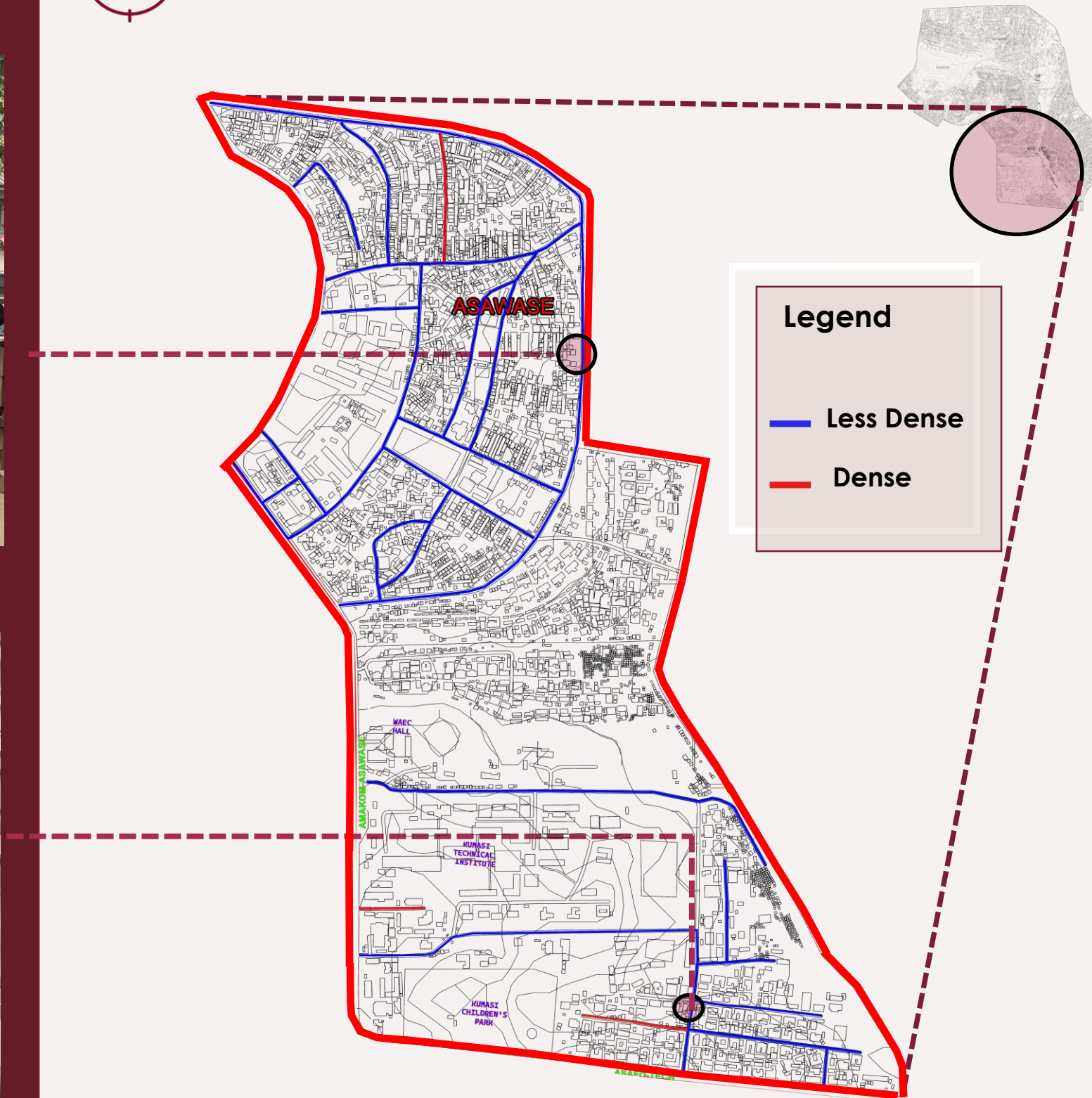


Less dense street-parking in Zone 3



Less dense street-parking in Zone 4

Source: Field survey 2023



MAP SHOWING ON STREET PARKING SPACES IN ZONES 3&4

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Street Parking

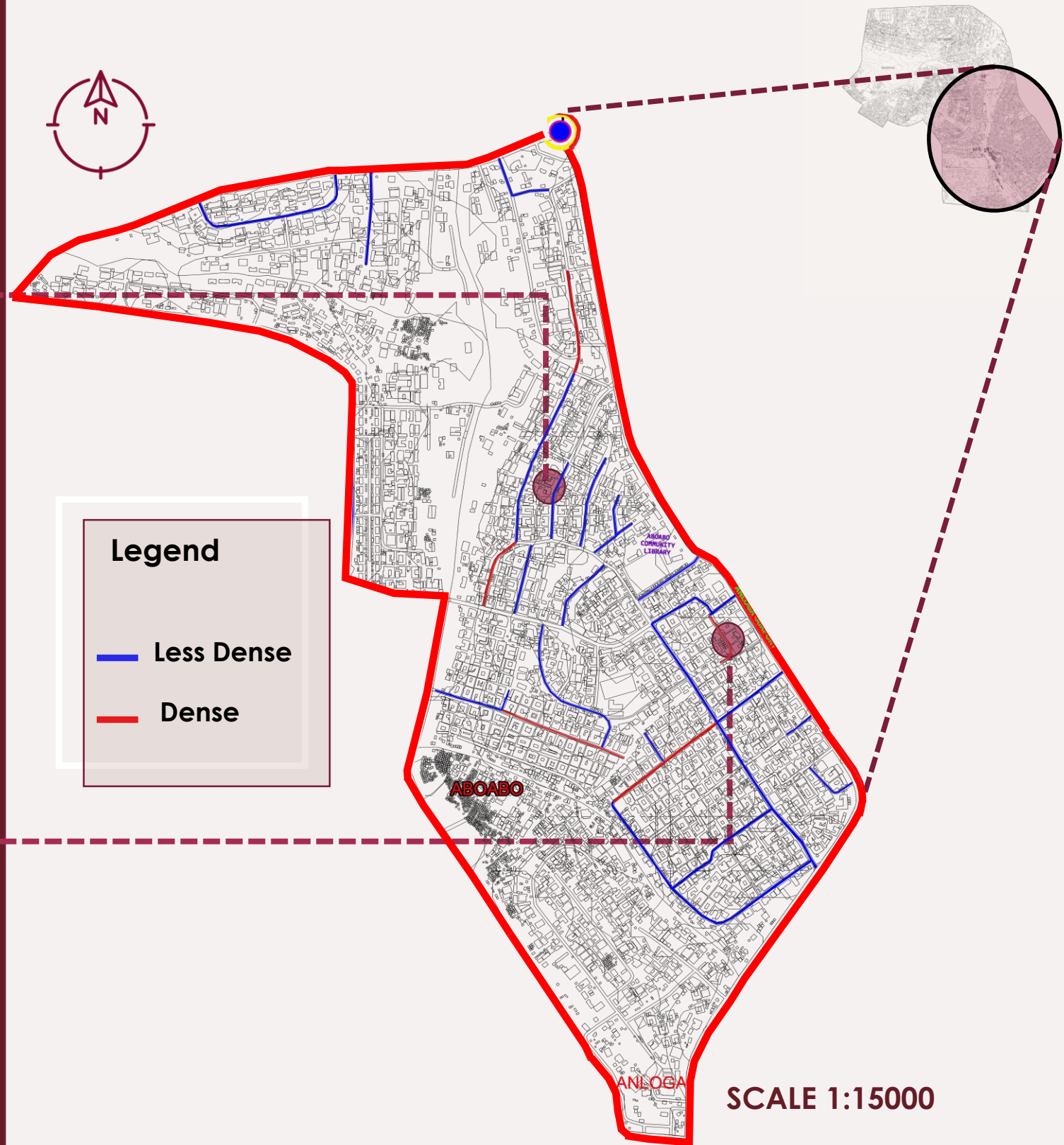


Less dense street-parking in Zone 6



A dense street-parking in Zone 5

Source: Field survey 2023



MAP SHOWING ON STREET PARKING SPACES IN ZONES 5&6

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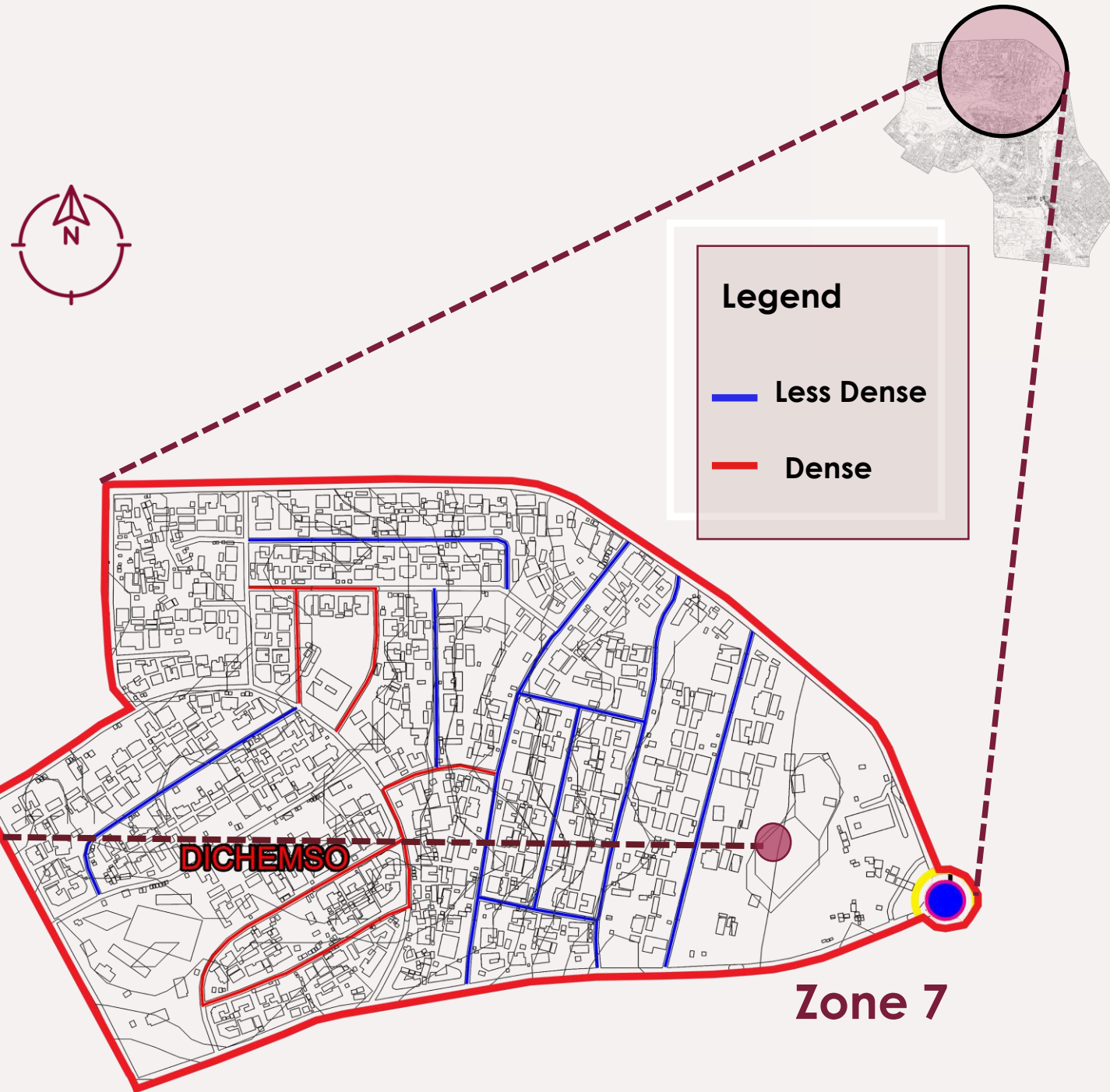


Street Parking



Picture showing a less dense street parking in zone 7

Source: Field survey 2023



SCALE 1:10000

MAP SHOWING ON STREET PARKING SPACES IN ZONES 7

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Street Parking Challenges

As a result of the dense population and dense street parking, some challenges were observed during the study.

These are:

- Road congestion
- Accident risks
- Delay and traffic

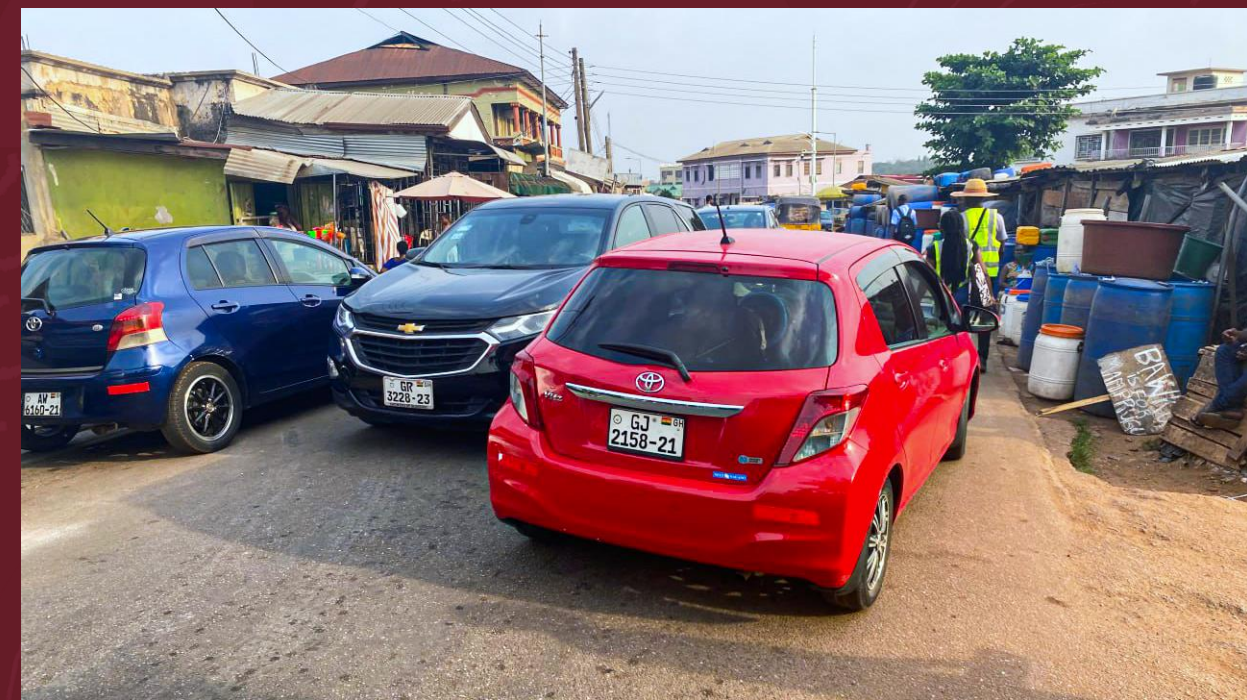
These were mostly caused by

- Some mechanics
- Trucks offloading goods
- Motorists parking at unlawful places
- Public transports parking along the road.

Source: Field survey 2023



Car dealers parking on walkways along streets forcing pedestrians to walk on the streets.



Congestion on the road as a result of unauthorized street parking.

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Street Parking Challenges



To prevent vehicles from parking in front of shops, shop operators put road signs along the road to prevent view obstruction.

Source: Field survey 2023

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