



agriculture, land reform
& rural development

Department:
Agriculture, Land Reform and Rural Development
REPUBLIC OF SOUTH AFRICA



KAI !GARIB
MUNICIPALITY



Review and Development of the **Municipal**
Spatial Development Framework for

KAI !GARIB LOCAL MUNICIPALITY

MAP BOOKLET

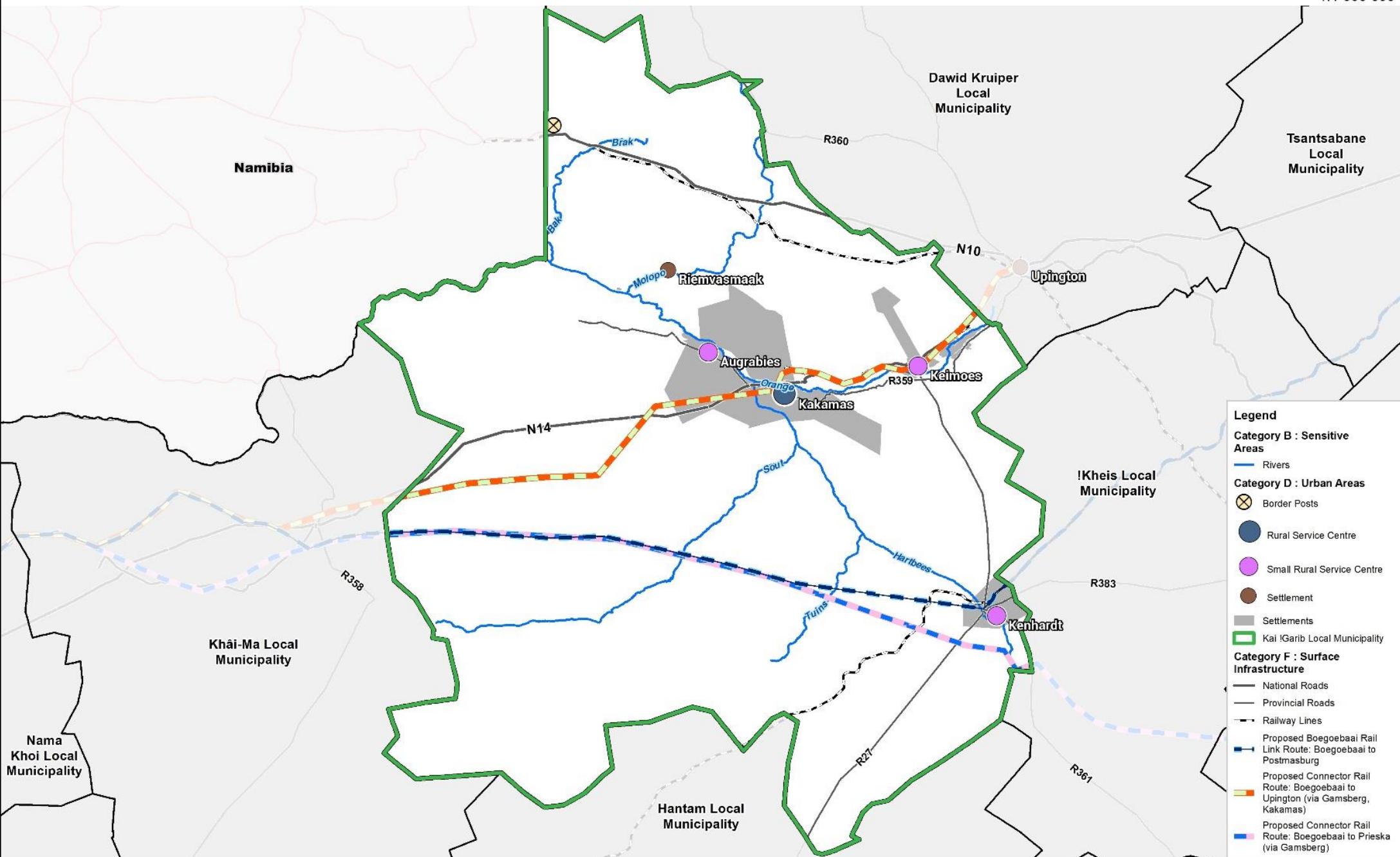
February 2023

TSHANI
CONSULTING C.C.

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

NODES PLAN

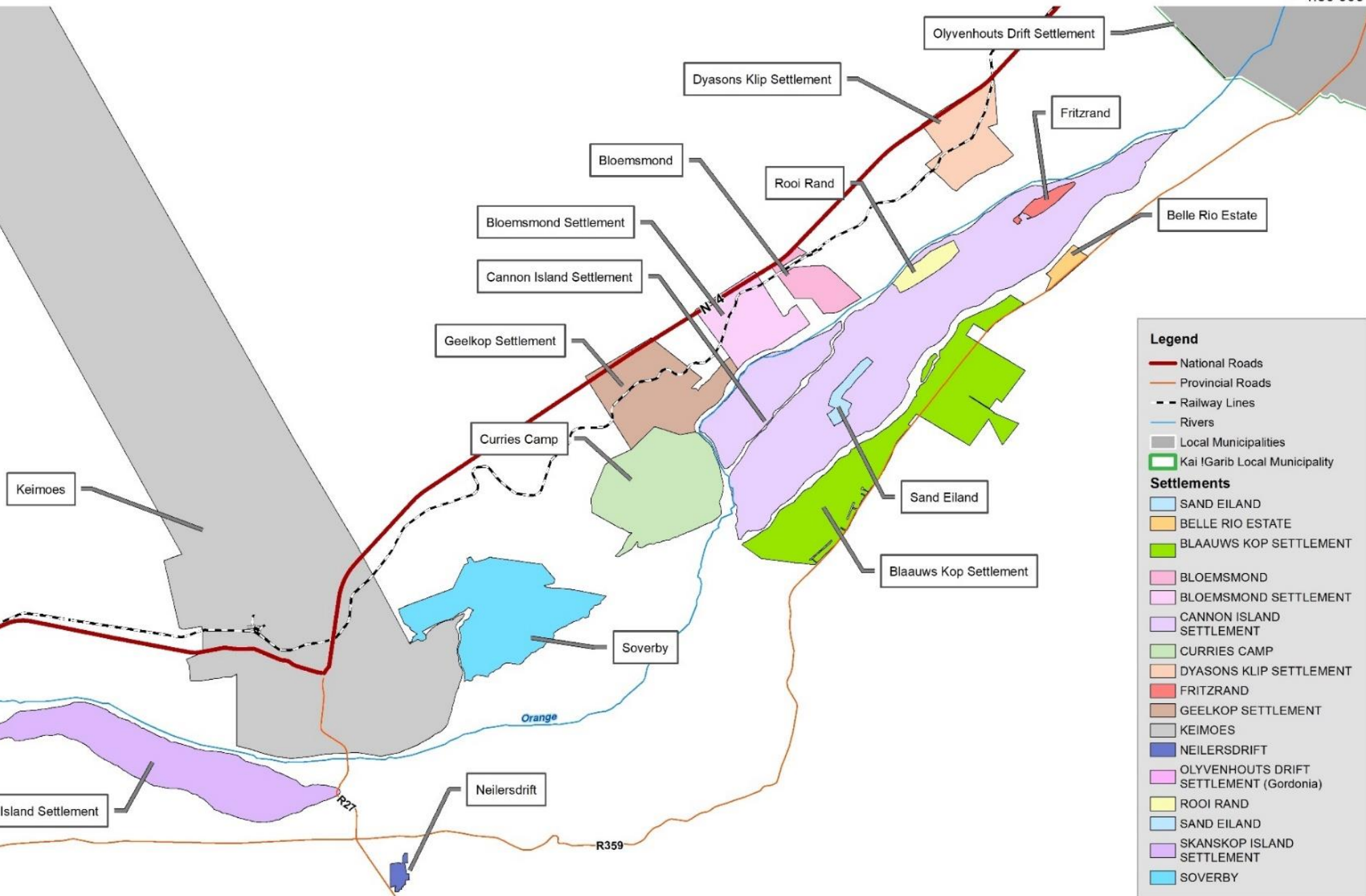
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KAI! GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SETTLEMENTS PLAN - KEIMOOES AND SURROUNDING AREAS

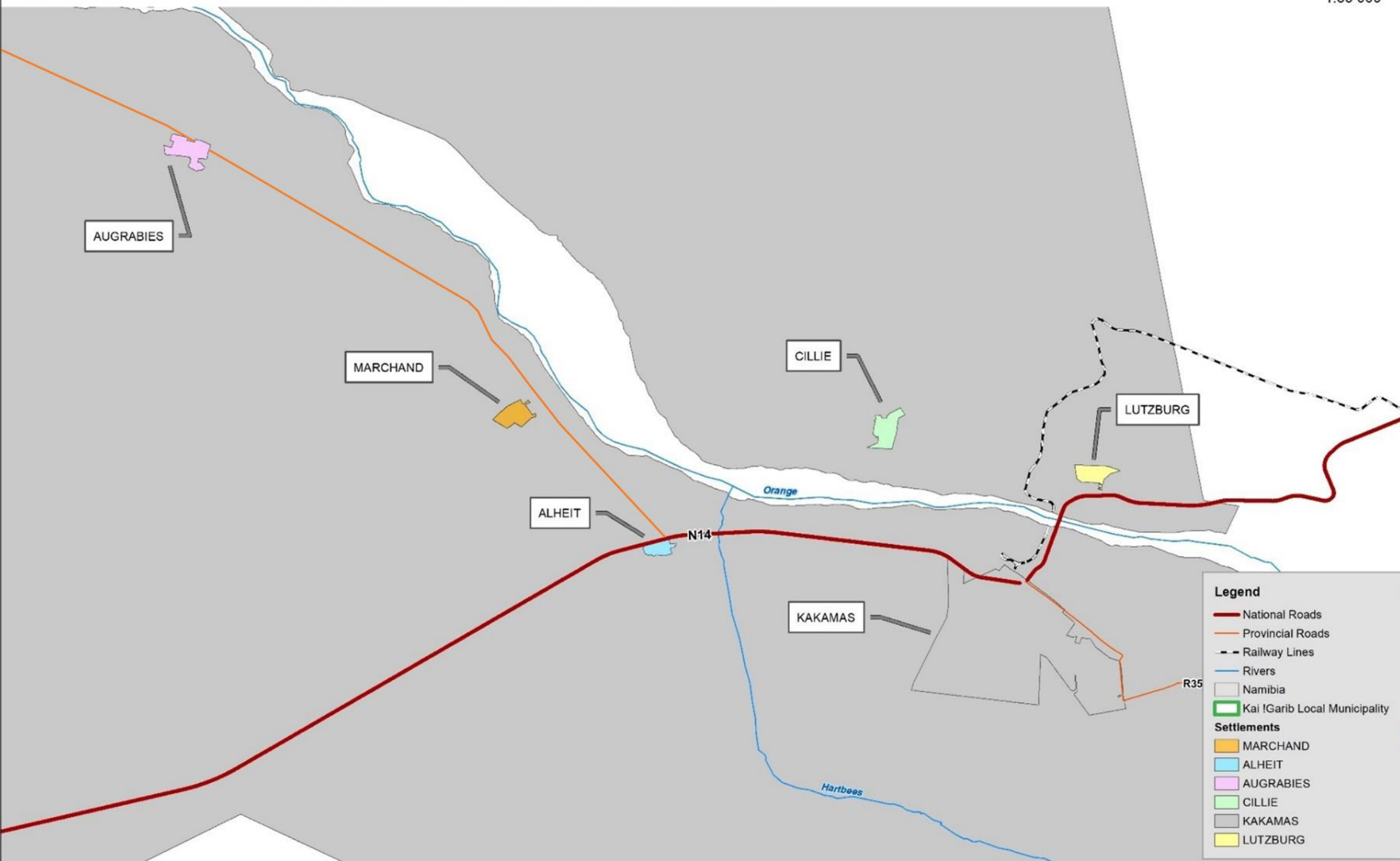
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KAI! GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SETTLEMENTS PLAN - KAKAMAS AND SURROUNDING AREAS

1:85 000



Legend

- National Roads
- Provincial Roads
- Railway Lines
- Rivers
- Namibia
- Kai !Garib Local Municipality

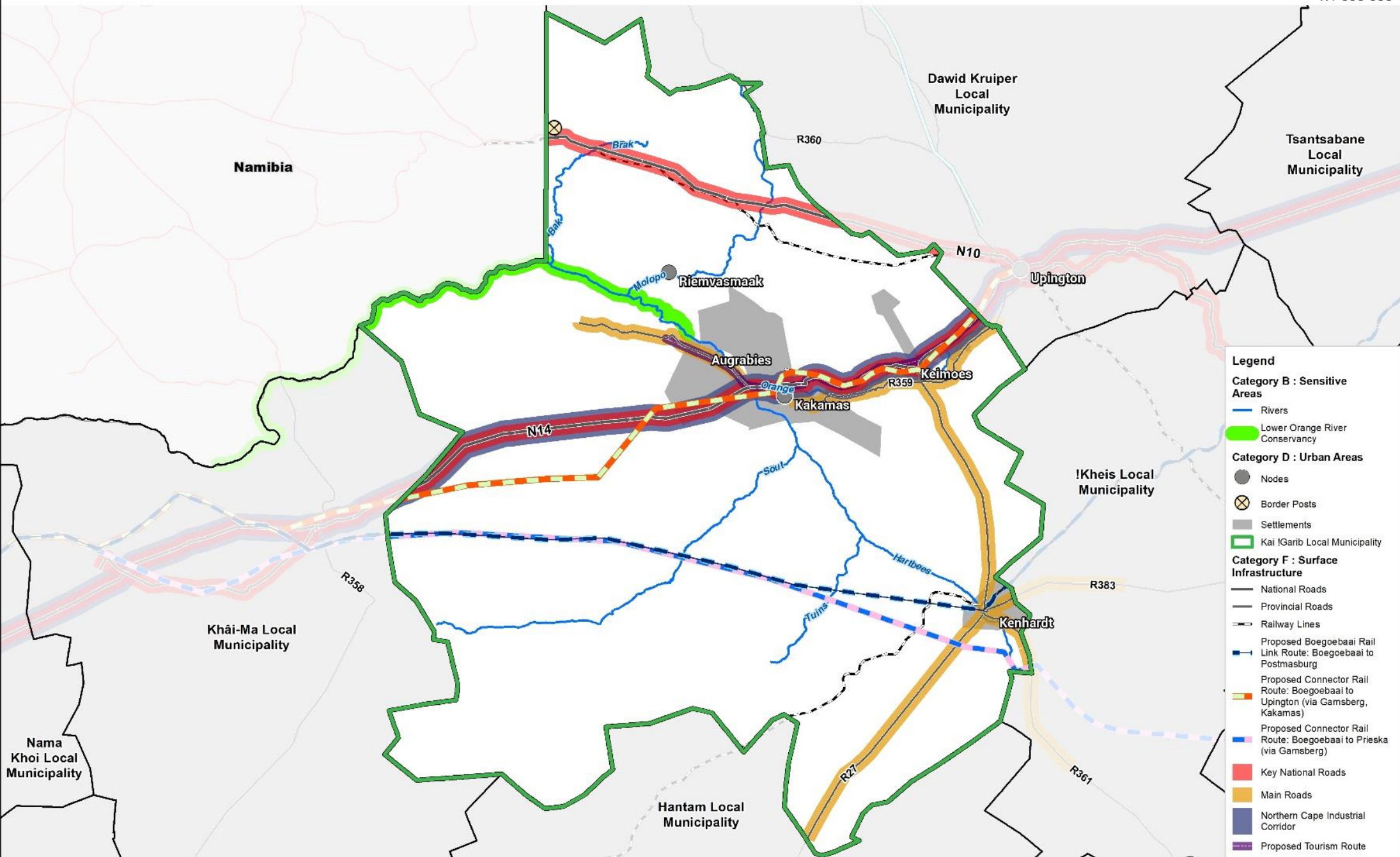
Settlements

- MARCHAND
- ALHEIT
- AUGRABIES
- CILLIE
- KAKAMAS
- LUTZBURG

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

CORRIDORS PLAN

1:1 000 000





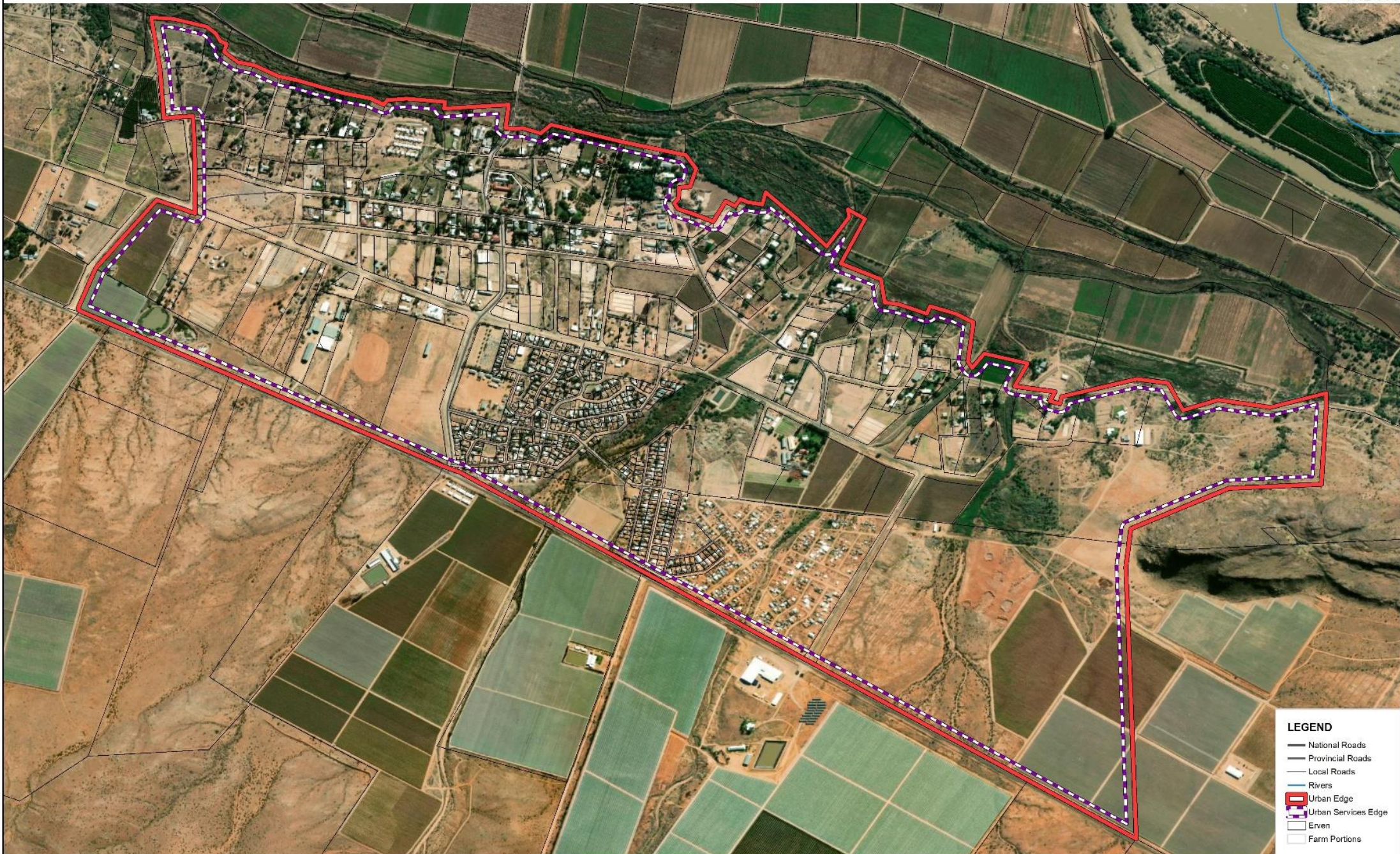
LEGEND

- National Roads
- Provincial Roads
- Local Roads
- Rivers
- Urban Edge
- Proposed Urban Edge Expansion
- Urban Services Edge Expansion
- Erven
- Farm Portions

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

URBAN EDGE PLAN - AUGRABIES

N
1:12 500





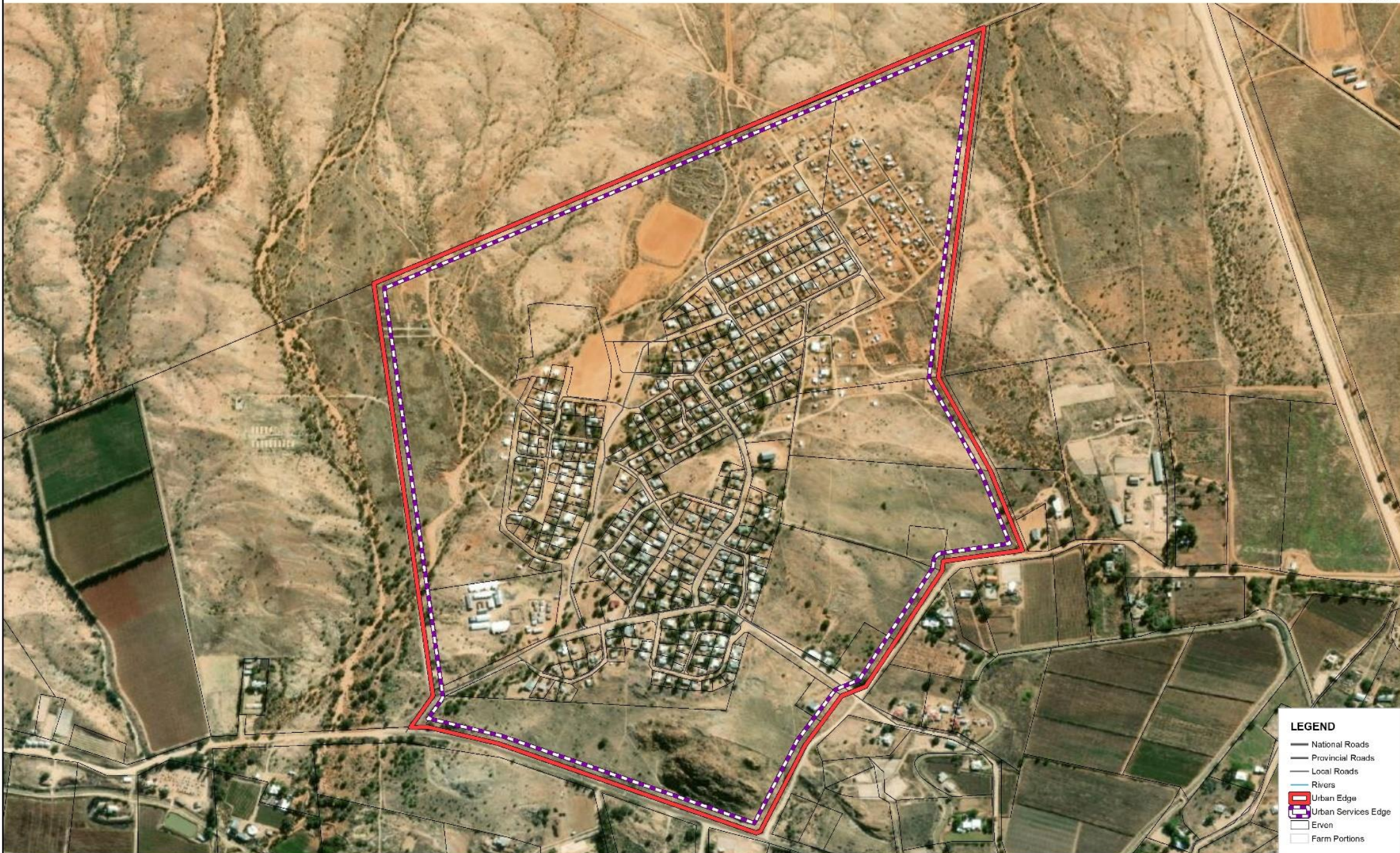
- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Proposed Urban Edge Expansion
 - Urban Services Edge
 - Transition Zone
 - Erven
 - Farm Portions



KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

URBAN EDGE PLAN - CILLIE

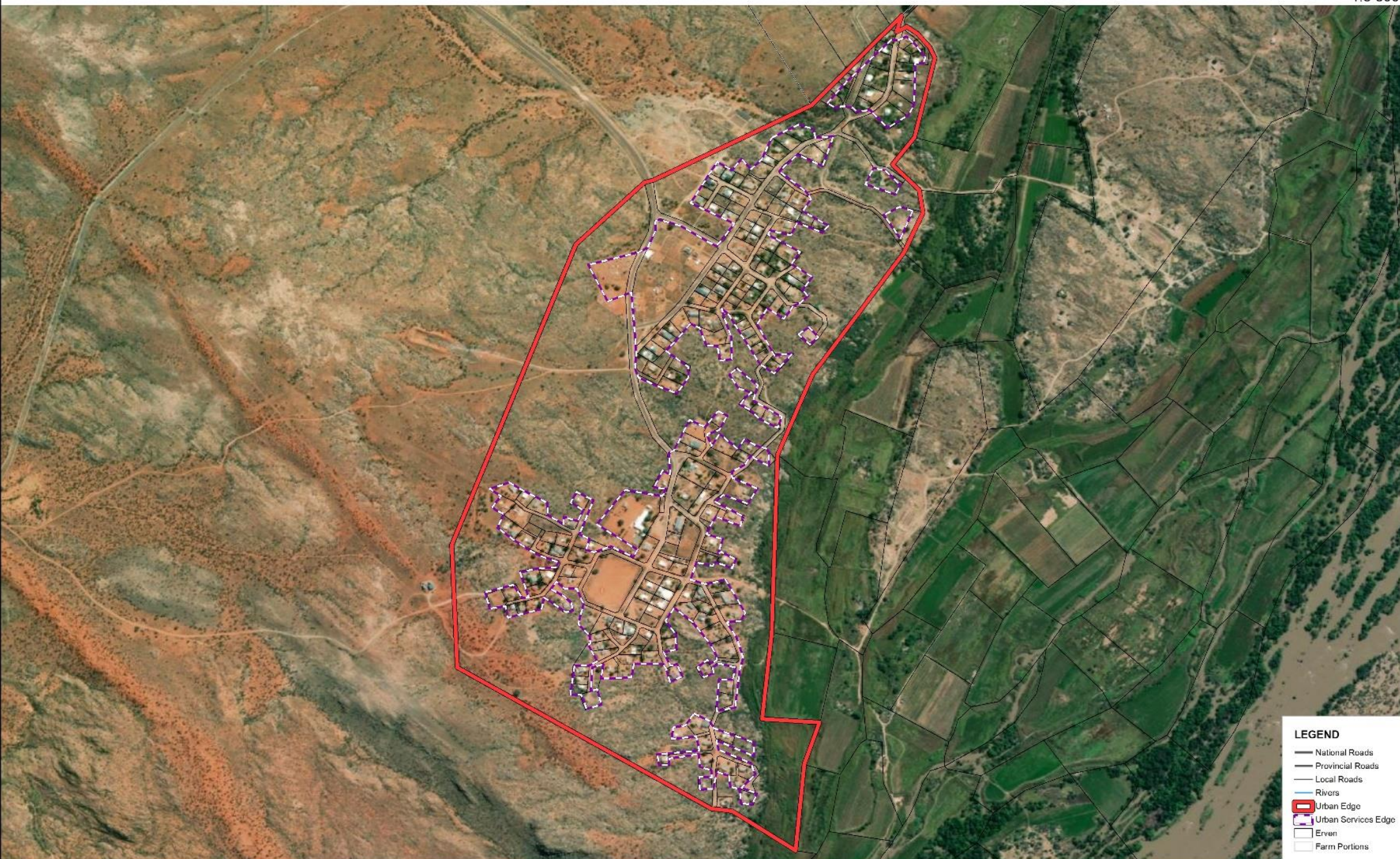
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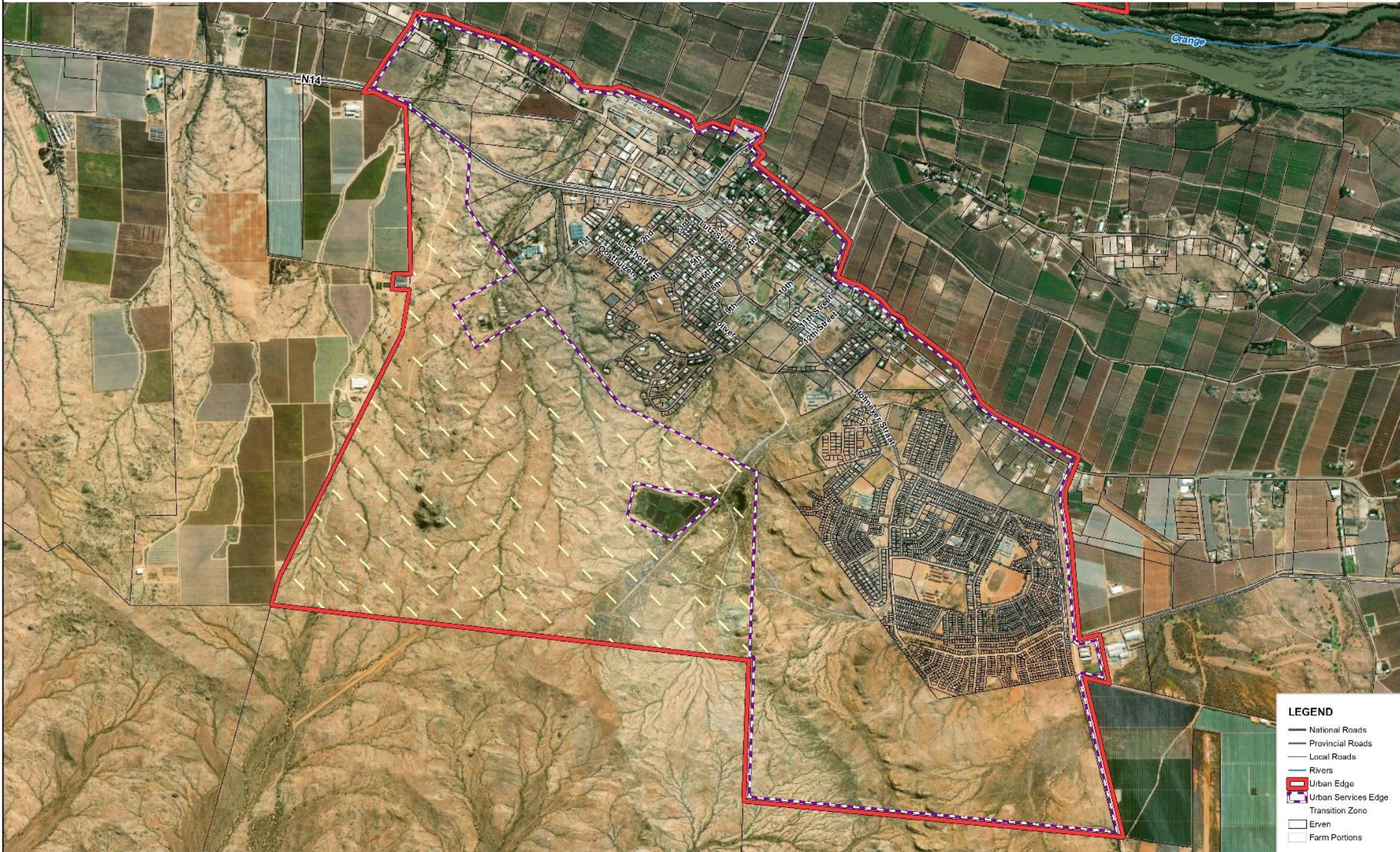


KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

URBAN EDGE PLAN - CURRIES CAMP

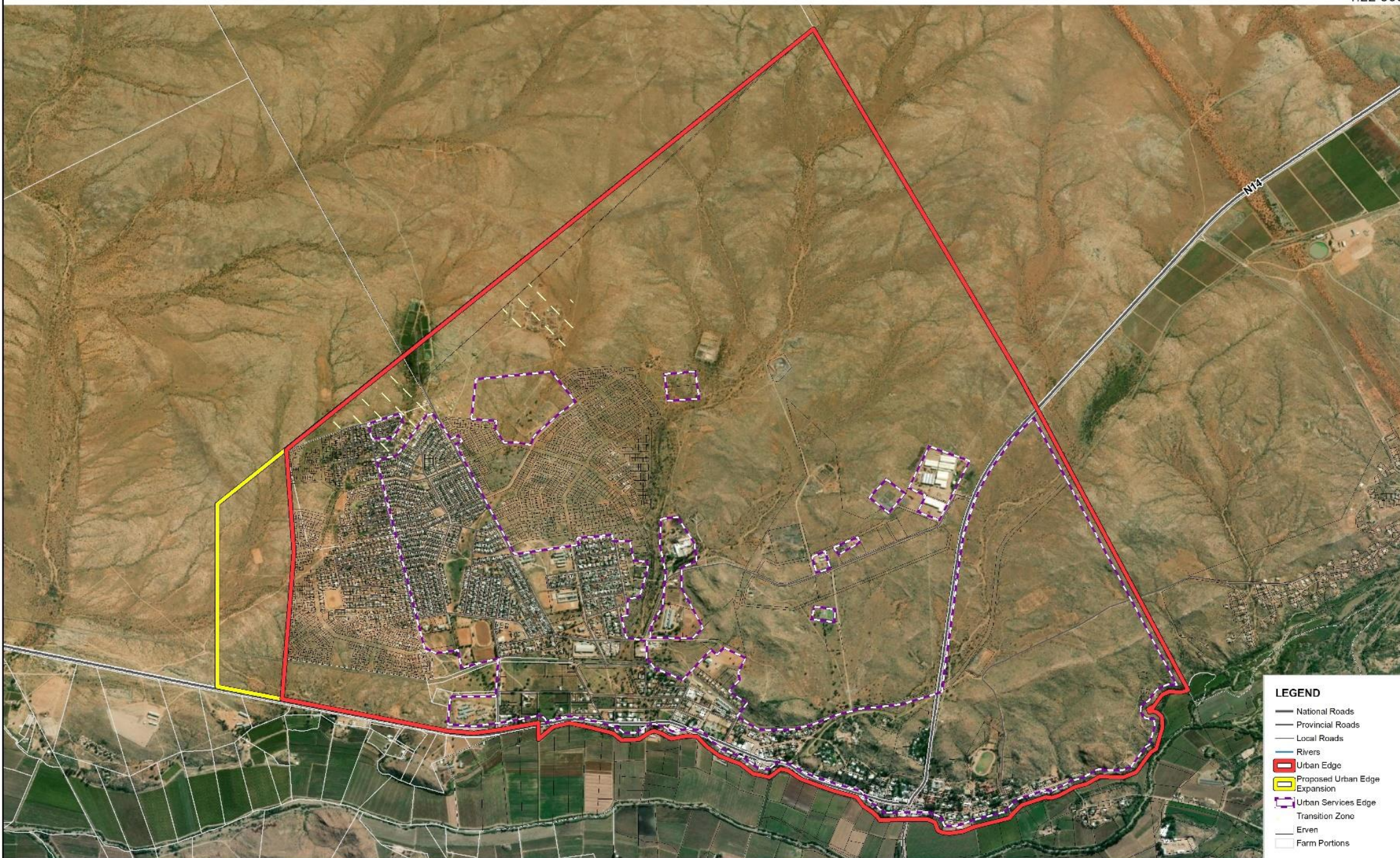
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LEGEND

- National Roads
- Provincial Roads
- Local Roads
- Rivers
- Urban Edge
- Urban Services Edge
- Transition Zone
- Erven
- Farm Portions



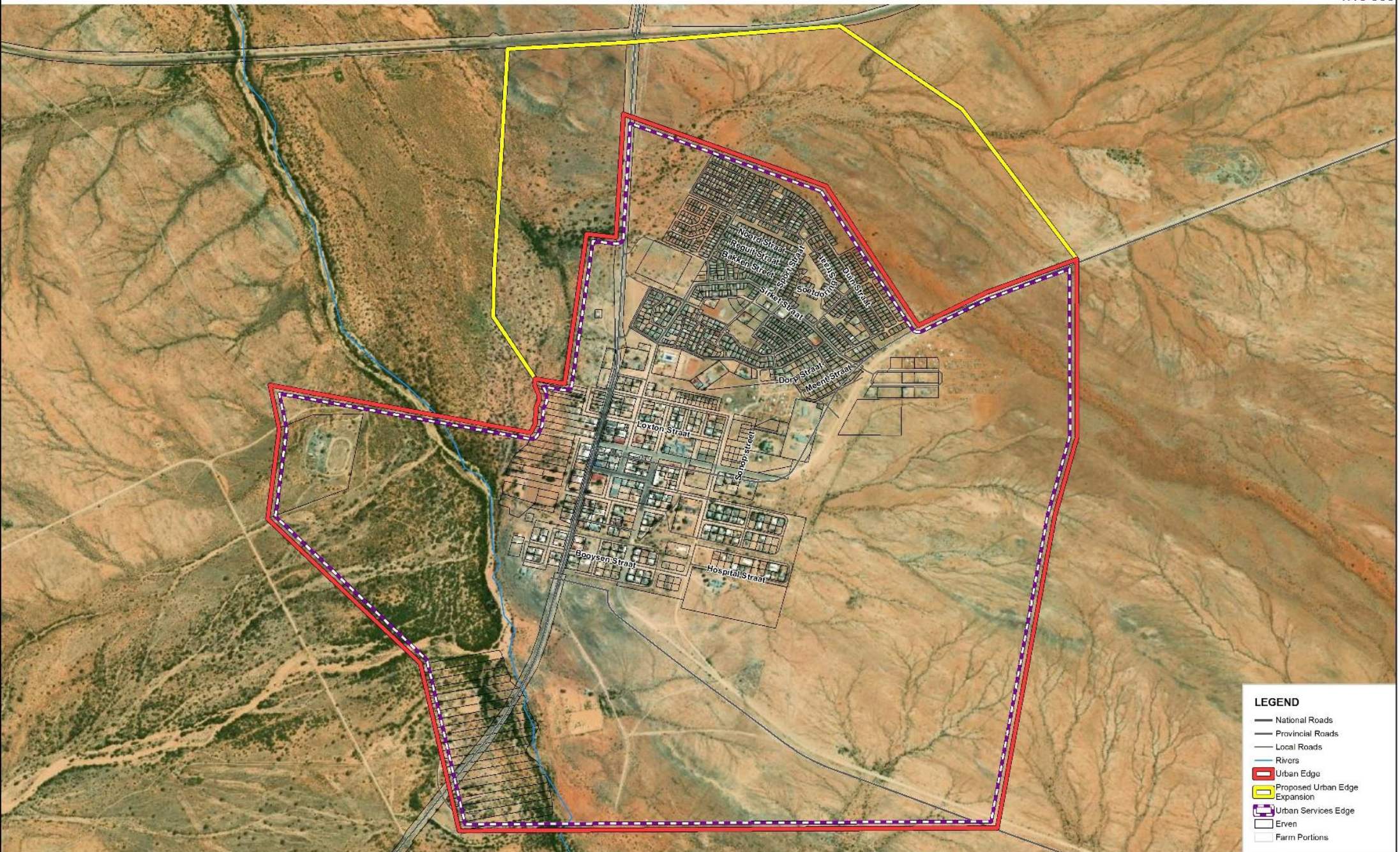
LEGEND

- National Roads
- Provincial Roads
- Local Roads
- Rivers
- Urban Edge
- Proposed Urban Edge Expansion
- Urban Services Edge
- Transition Zone
- Erven
- Farm Portions

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

URBAN EDGE PLAN - KENHARDT

N
1:16 000



LEGEND

- National Roads
- Provincial Roads
- Local Roads
- Rivers
- Urban Edge
- Proposed Urban Edge Expansion
- Urban Services Edge
- Erven
- Farm Portions

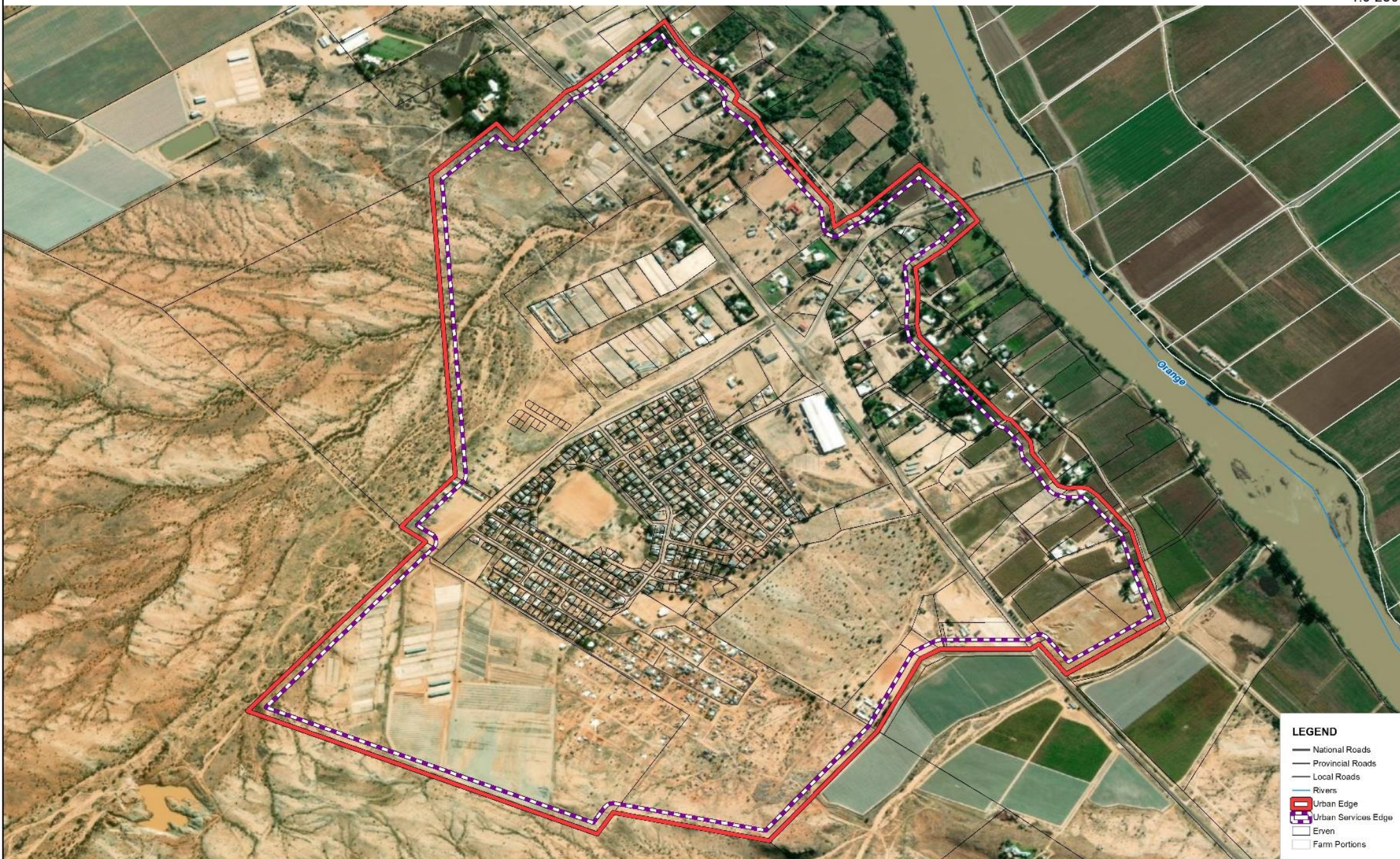
KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

URBAN EDGE PLAN - LENNERTSVILLE

N
1:12 500

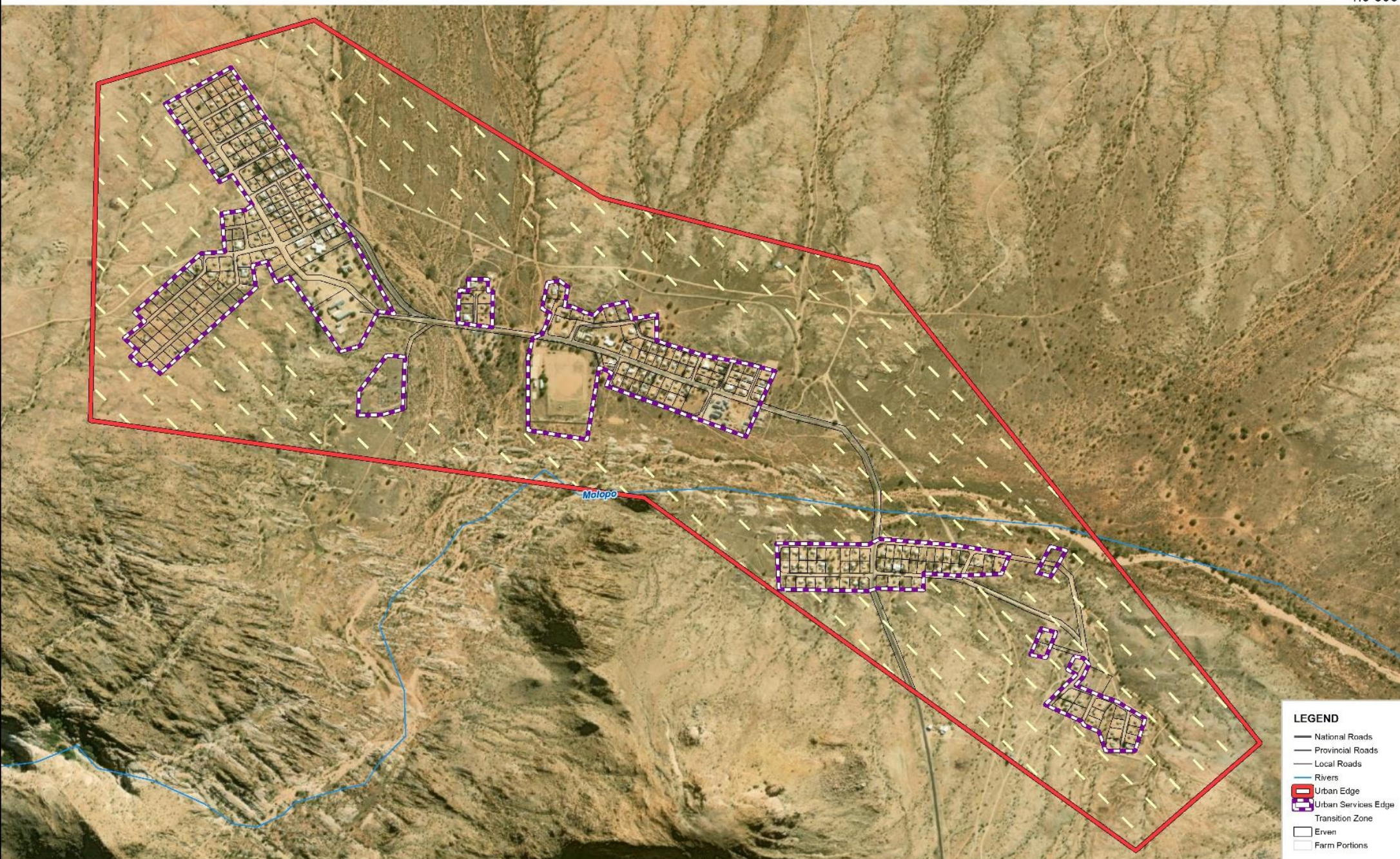






LEGEND

- National Roads
- Provincial Roads
- Local Roads
- Rivers
- Urban Edge
- Urban Services Edge
- Erven
- Farm Portions



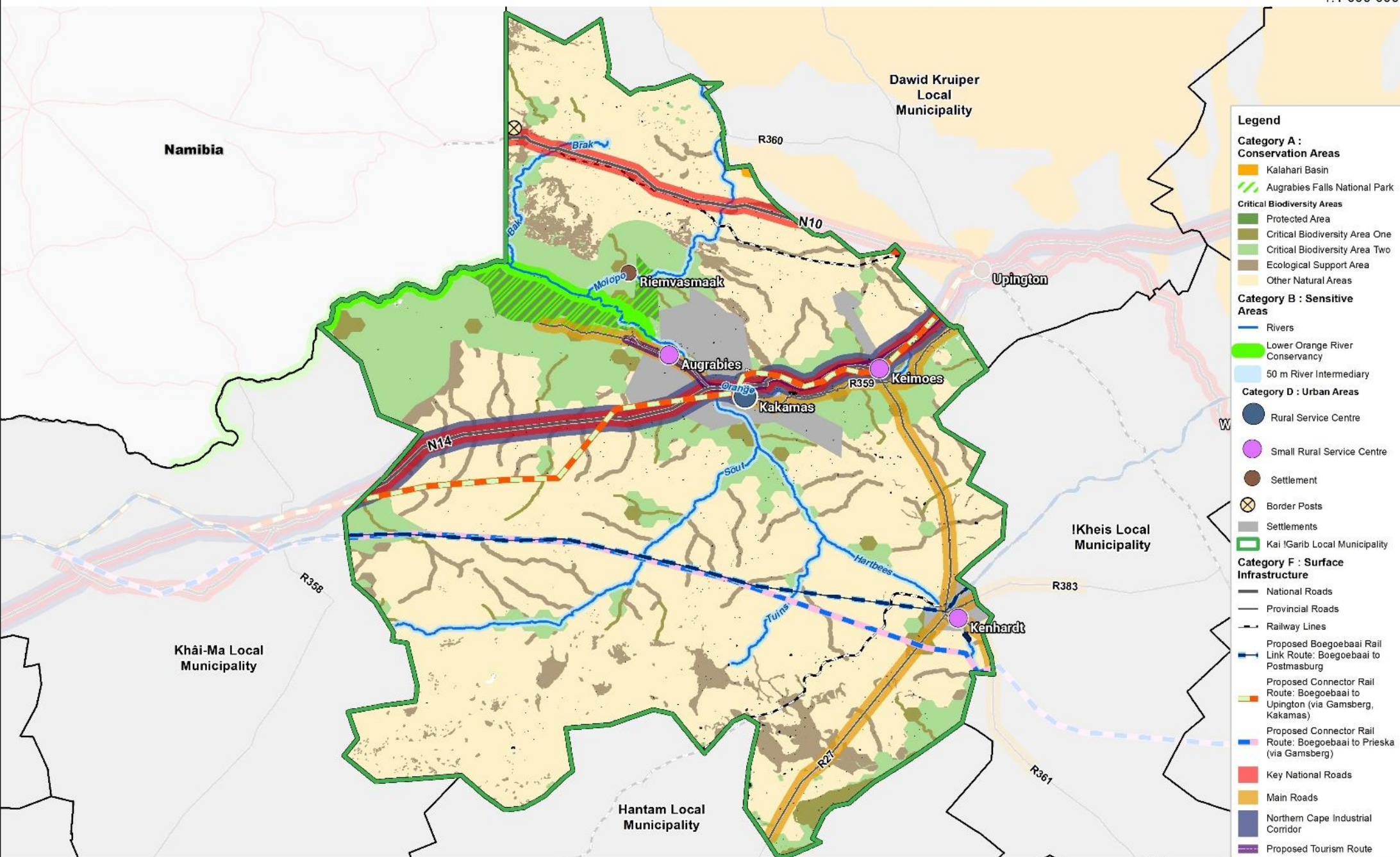
- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Urban Services Edge
 - Transition Zone
 - Erven
 - Farm Portions



KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

BIO-PHYSICAL FRAMEWORK PLAN

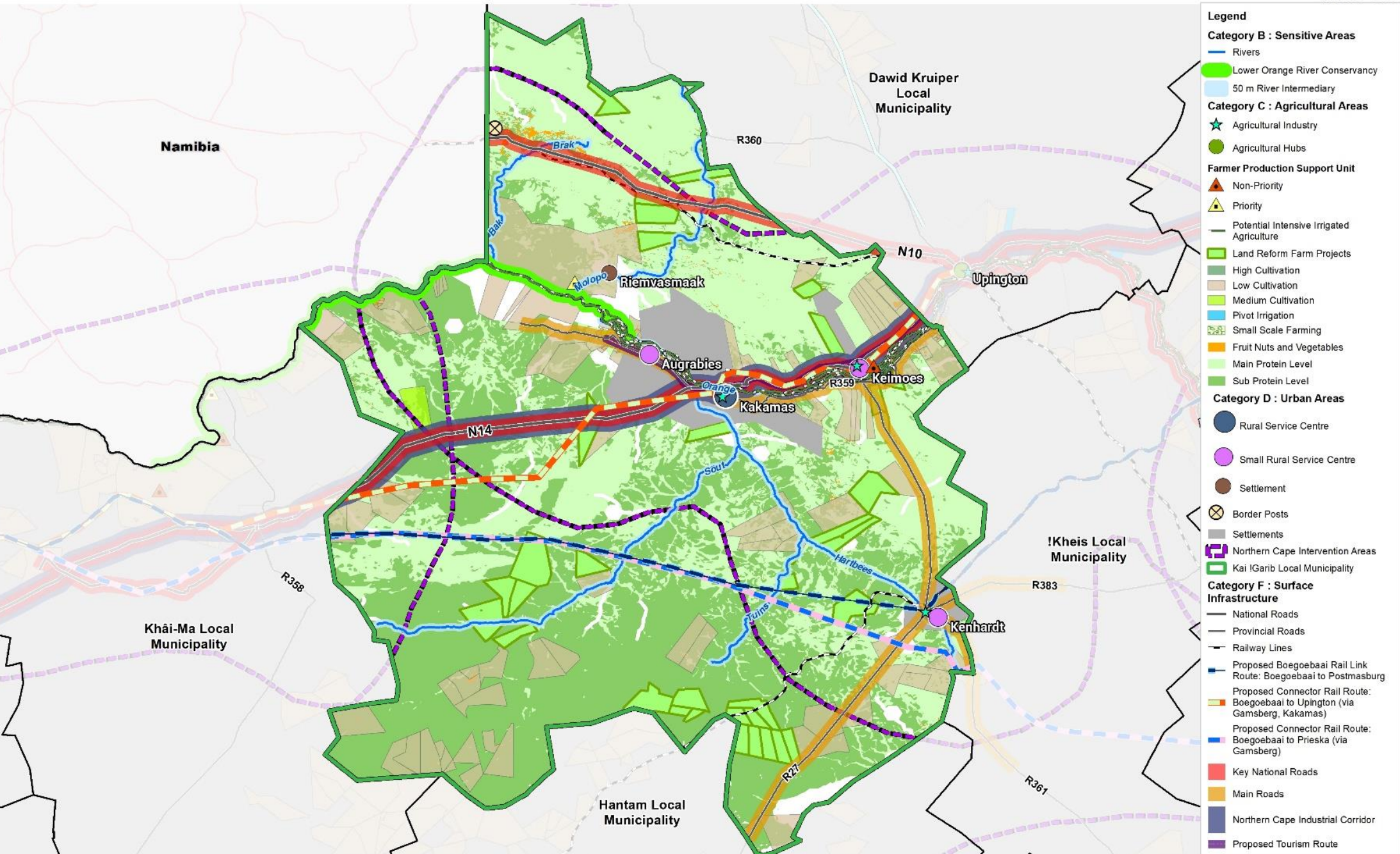
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KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

AGRICULTURAL FRAMEWORK PLAN

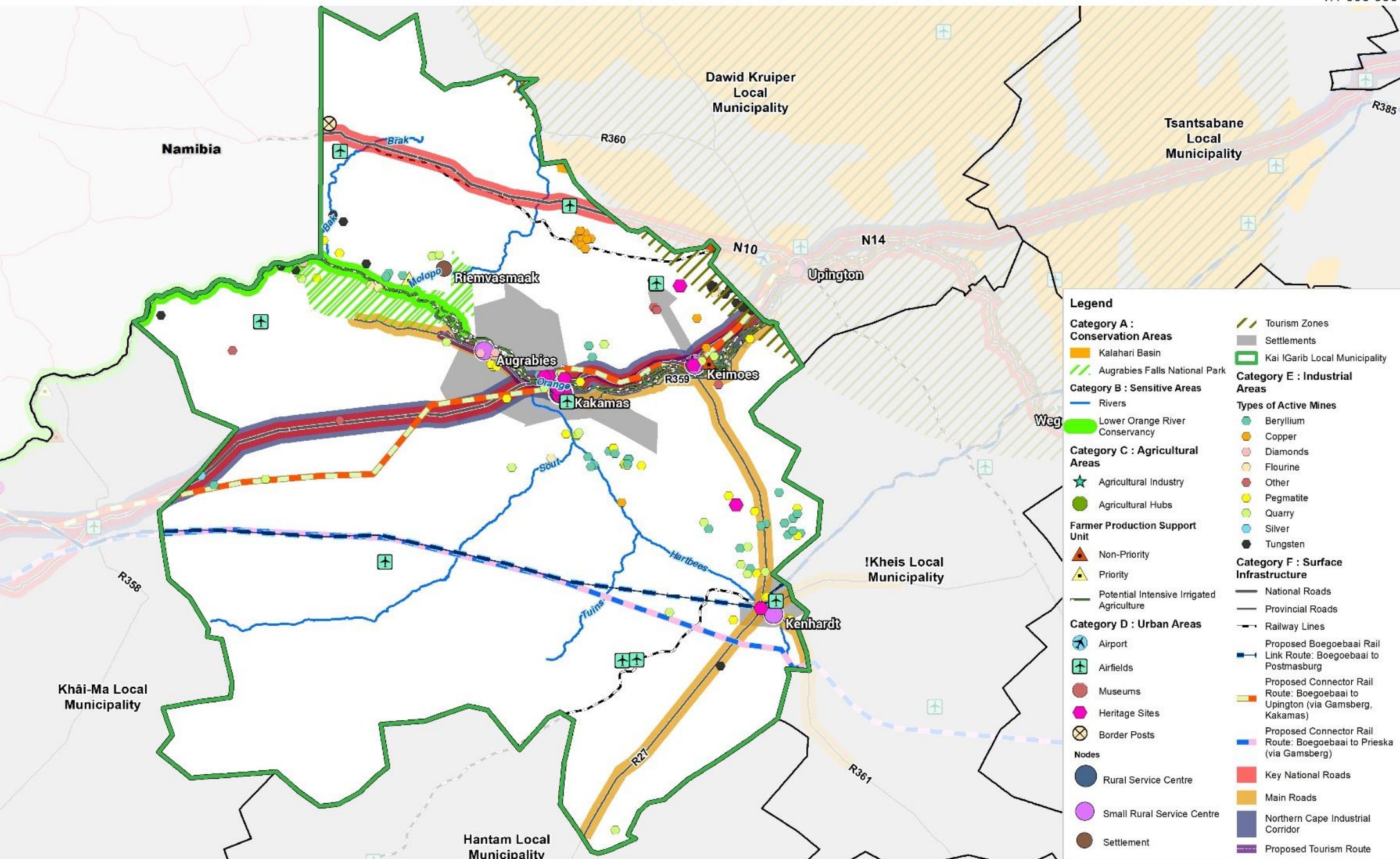
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KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

ECONOMIC FRAMEWORK PLAN

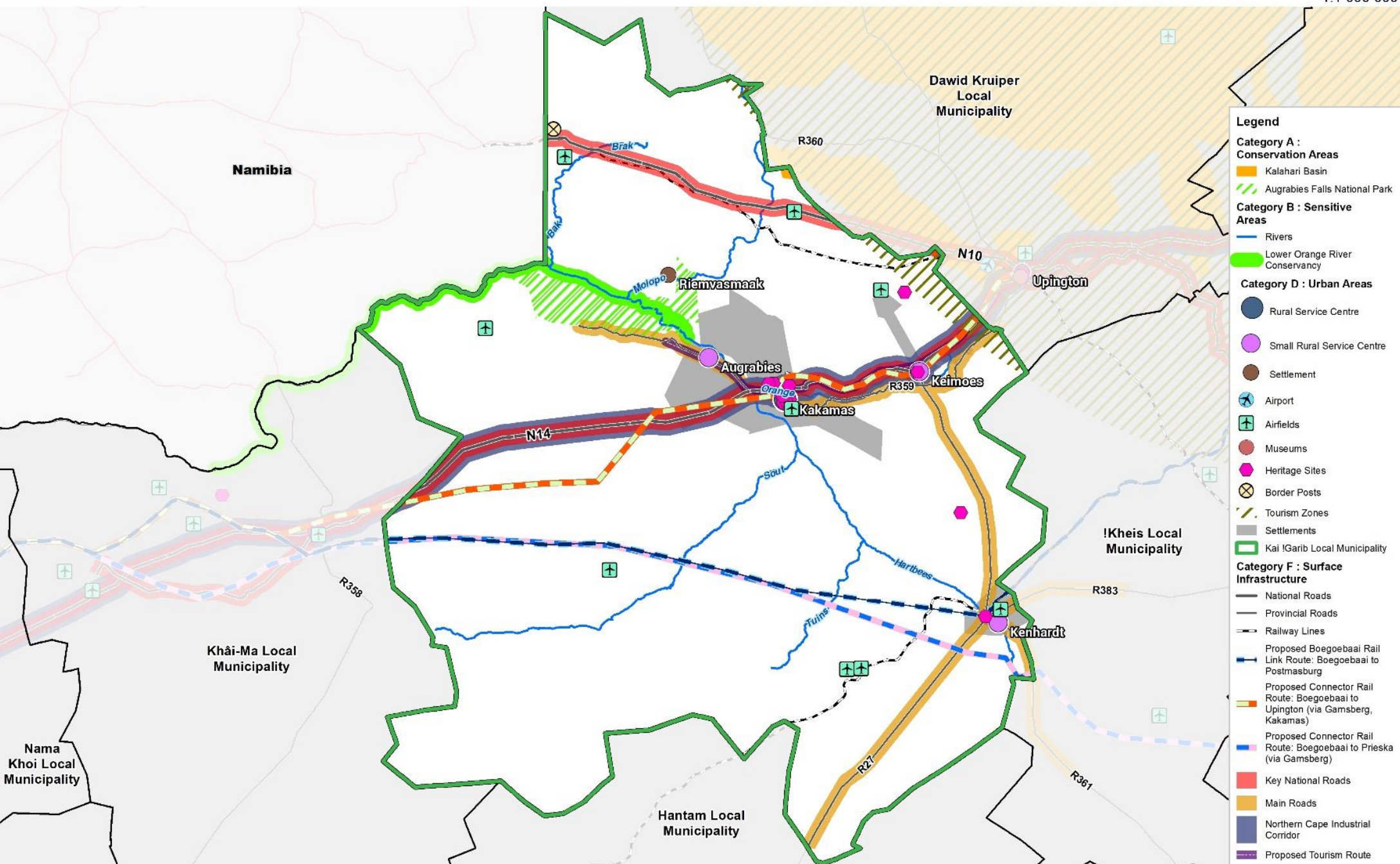
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KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

TOURISM FRAMEWORK PLAN

1:1 000 000

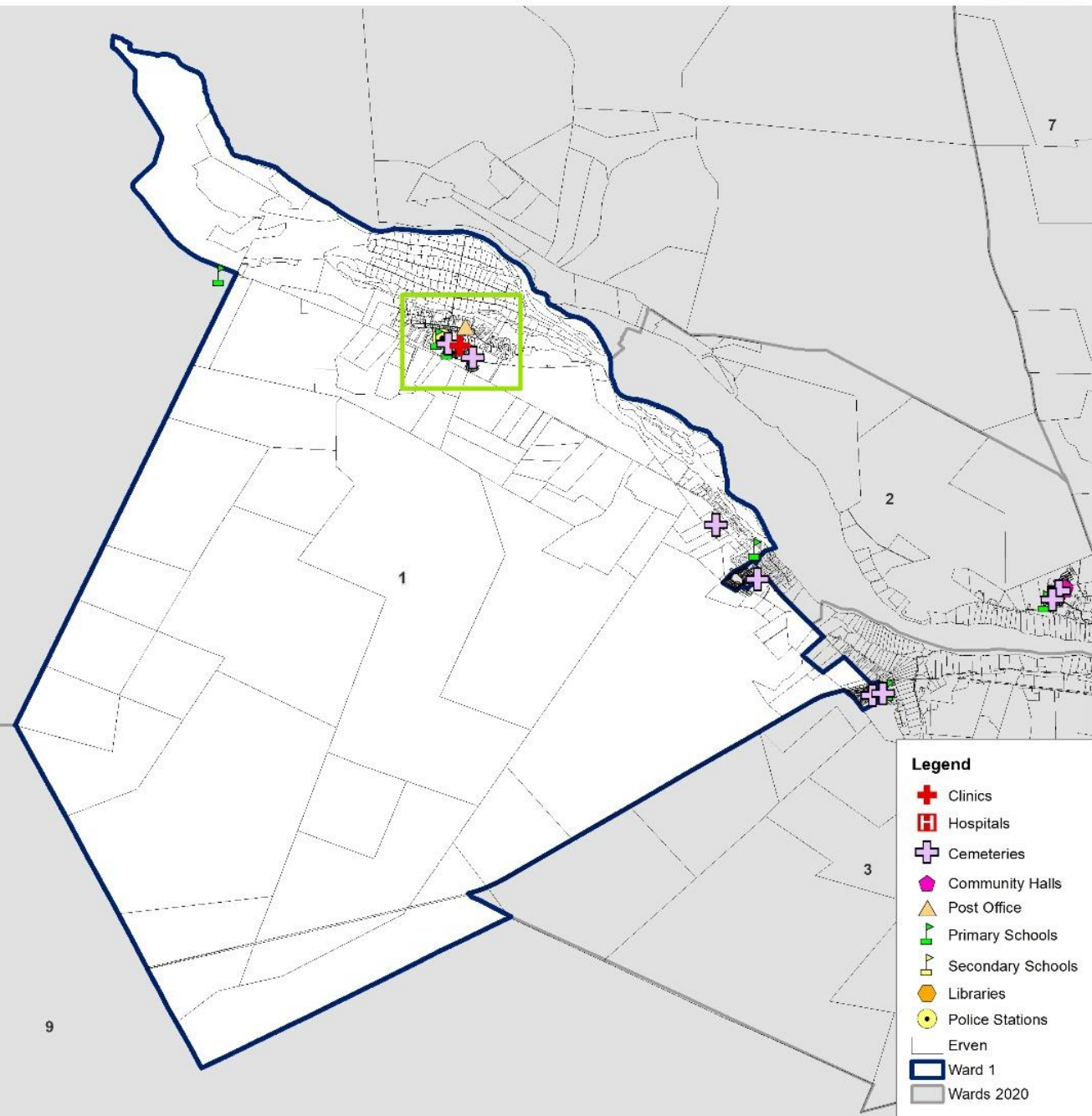


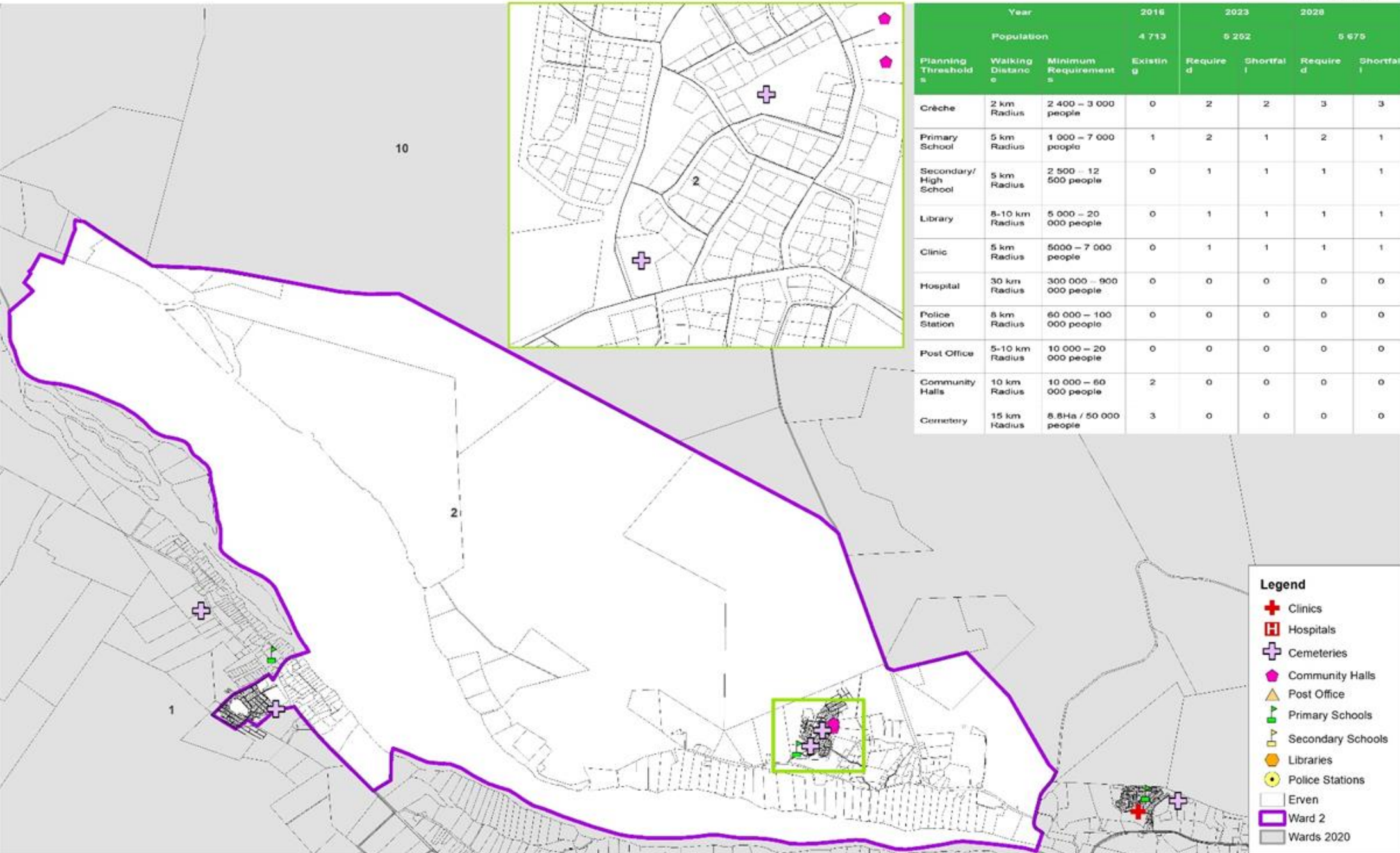
KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES PLAN - WARD 1

1:130 000

Year			2016	2023	2028		
Population			7 110	7 923	8 561		
Planning Thresholds	Walking Distance	Minimum Requirements	Existing	Required	Shortfall	Required	Shortfall
Crèche	2 km Radius	2 400 – 3 000 people	0	3	3	4	4
Primary School	5 km Radius	1 000 – 7 000 people	3	2	0	3	0
Secondary/ High School	5 km Radius	2 500 – 12 500 people	0	1	1	2	2
Library	8-10 km Radius	5 000 – 20 000 people	0	1	1	1	1
Clinic	5 km Radius	5000 – 7 000 people	1	2	1	2	1
Hospital	30 km Radius	300 000 – 900 000 people	0	0	0	0	0
Police Station	8 km Radius	60 000 – 100 000 people	1	0	0	0	0
Post Office	5-10 km Radius	10 000 – 20 000 people	1	0	0	0	0
Community Halls	10 km Radius	10 000 – 60 000 people	0	0	0	0	0
Cemetery	15 km Radius	8.8Ha / 50 000 people	4	0	0	0	0





Planning Threshold	Walking Distance	Minimum Requirements	Year		2016		2023		2028	
			Population		4 713		5 252		5 675	
			Existing	Required	Existing	Required	Existing	Required	Existing	Required
Crèche	2 km Radius	2 400 – 3 000 people	0	2	0	2	2	2	3	3
Primary School	5 km Radius	1 000 – 7 000 people	1	2	1	2	1	2	2	1
Secondary/ High School	5 km Radius	2 500 – 12 500 people	0	1	0	1	1	1	1	1
Library	5-10 km Radius	5 000 – 20 000 people	0	1	0	1	1	1	1	1
Clinic	5 km Radius	5000 – 7 000 people	0	1	0	1	1	1	1	1
Hospital	30 km Radius	300 000 – 900 000 people	0	0	0	0	0	0	0	0
Police Station	8 km Radius	60 000 – 100 000 people	0	0	0	0	0	0	0	0
Post Office	5-10 km Radius	10 000 – 20 000 people	0	0	0	0	0	0	0	0
Community Halls	10 km Radius	10 000 – 60 000 people	2	0	0	0	0	0	0	0
Cemetery	15 km Radius	8.8Ha / 50 000 people	3	0	0	0	0	0	0	0

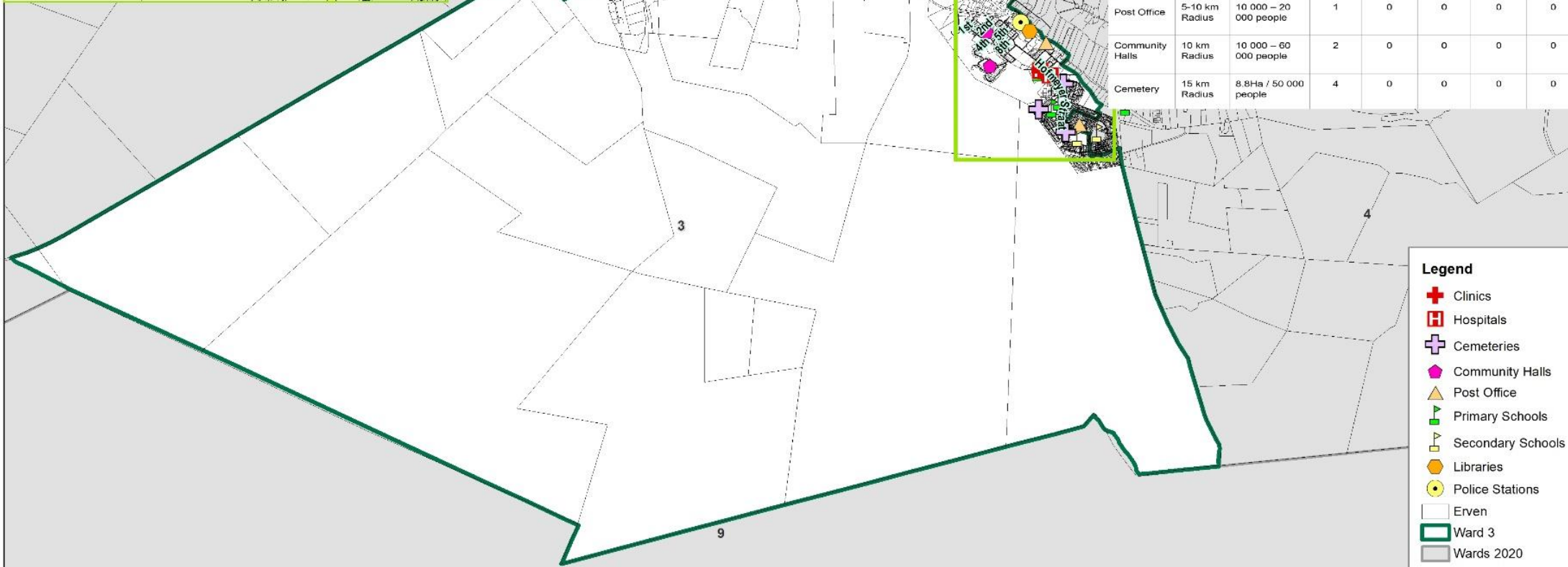
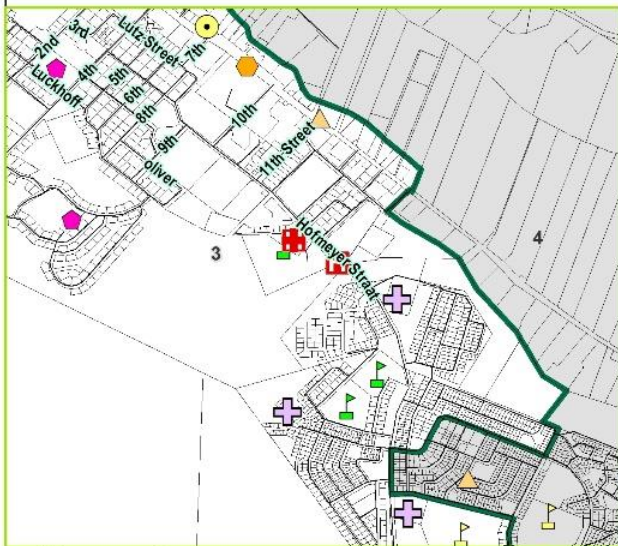
Legend

- Clinics
- Hospitals
- Cemeteries
- Community Halls
- Post Office
- Primary Schools
- Secondary Schools
- Libraries
- Police Stations
- Erven
- Ward 2
- Wards 2020

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES PLAN - WARD 3

1:80 000



Year			2016	2023	2028		
Population			11 653	12 978	14 032		
Planning Threshold	Walking Distance	Minimum Requirements	Existing	Required	Shortfall	Required	Shortfall
Crèche	2 km Radius	2 400 – 3 000 people	0	5	5	6	6
Primary School	5 km Radius	1 000 – 7 000 people	4	2	0	4	0
Secondary/ High School	5 km Radius	2 500 – 12 500 people	1	1	0	2	1
Library	8-10 km Radius	5 000 – 20 000 people	1	1	0	2	1
Clinic	5 km Radius	5000 – 7 000 people	1	2	1	3	2
Hospital	30 km Radius	300 000 – 900 000 people	2	0	0	0	0
Police Station	8 km Radius	60 000 – 100 000 people	1	0	0	0	0
Post Office	5-10 km Radius	10 000 – 20 000 people	1	0	0	0	0
Community Halls	10 km Radius	10 000 – 60 000 people	2	0	0	0	0
Cemetery	15 km Radius	8.8Ha / 50 000 people	4	0	0	0	0

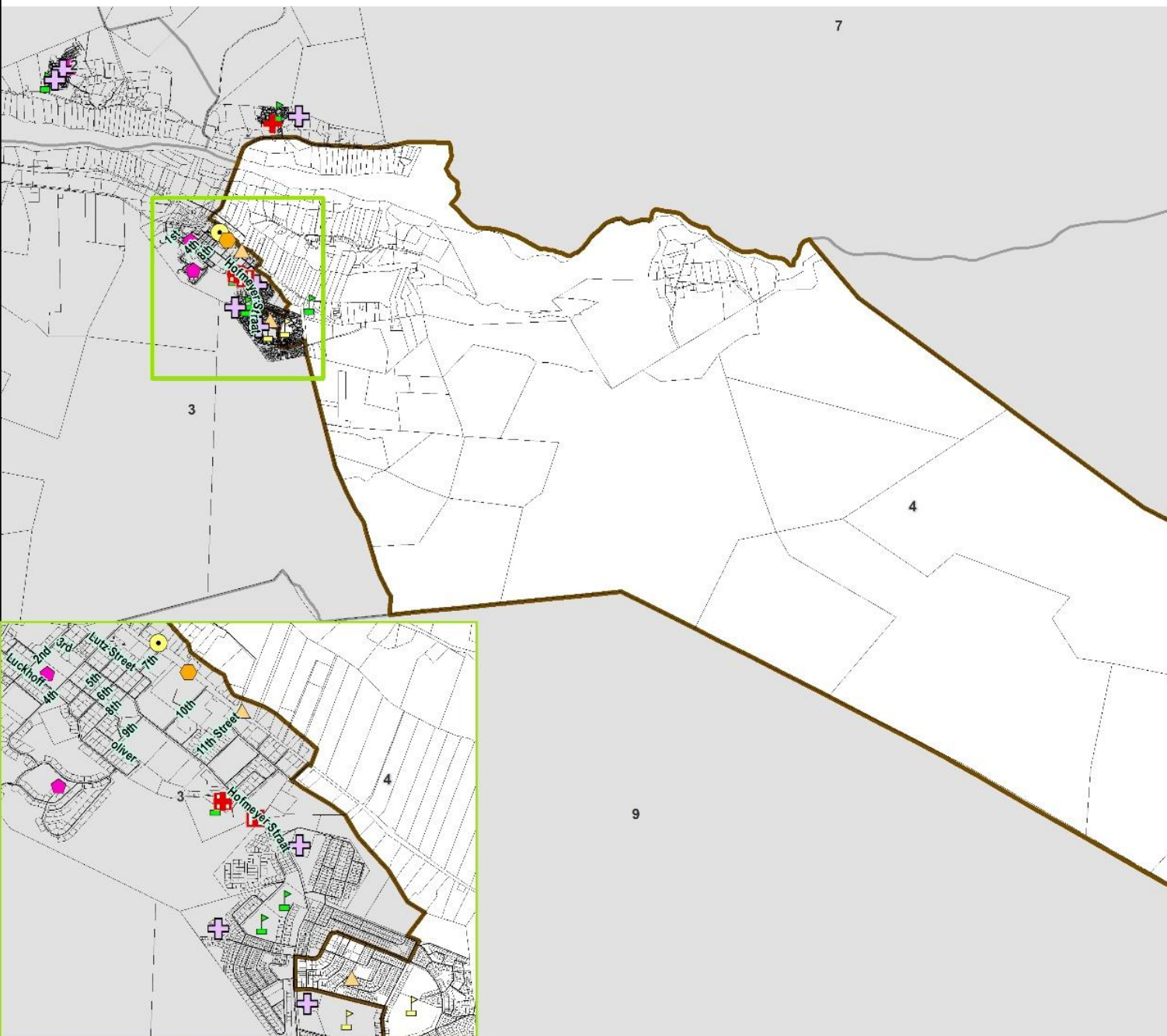
Legend

- + Clinics
- H Hospitals
- + Cemeteries
- ◆ Community Halls
- ▲ Post Office
- ▬ Primary Schools
- ▬ Secondary Schools
- Libraries
- Police Stations
- Erven
- Ward 3
- Wards 2020

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES PLAN - WARD 4

1:100 000



Year			2016	2023		2028	
Population			4 292	4 783		5 168	
Planning Thresholds	Walking Distance	Minimum Requirements	Existing	Required	Shortfall	Required	Shortfall
Crèche	2 km Radius	2 400 – 3 000 people	0	3	3	2	2
Primary School	5 km Radius	1 000 – 7 000 people	1	2	1	2	1
Secondary/ High School	5 km Radius	2 500 – 12 500 people	1	1	0	1	0
Library	8-10 km Radius	5 000 – 20 000 people	0	1	1	1	1
Clinic	5 km Radius	5000 – 7 000 people	0	1	1	1	1
Hospital	30 km Radius	300 000 – 900 000 people	0	0	0	0	0
Police Station	8 km Radius	60 000 – 100 000 people	0	0	0	0	0
Post Office	5-10 km Radius	10 000 – 20 000 people	1	0	0	0	0
Community Halls	10 km Radius	10 000 – 60 000 people	0	0	0	0	0
Cemetery	15 km Radius	8.8Ha / 50 000 people	0	0	0	0	0

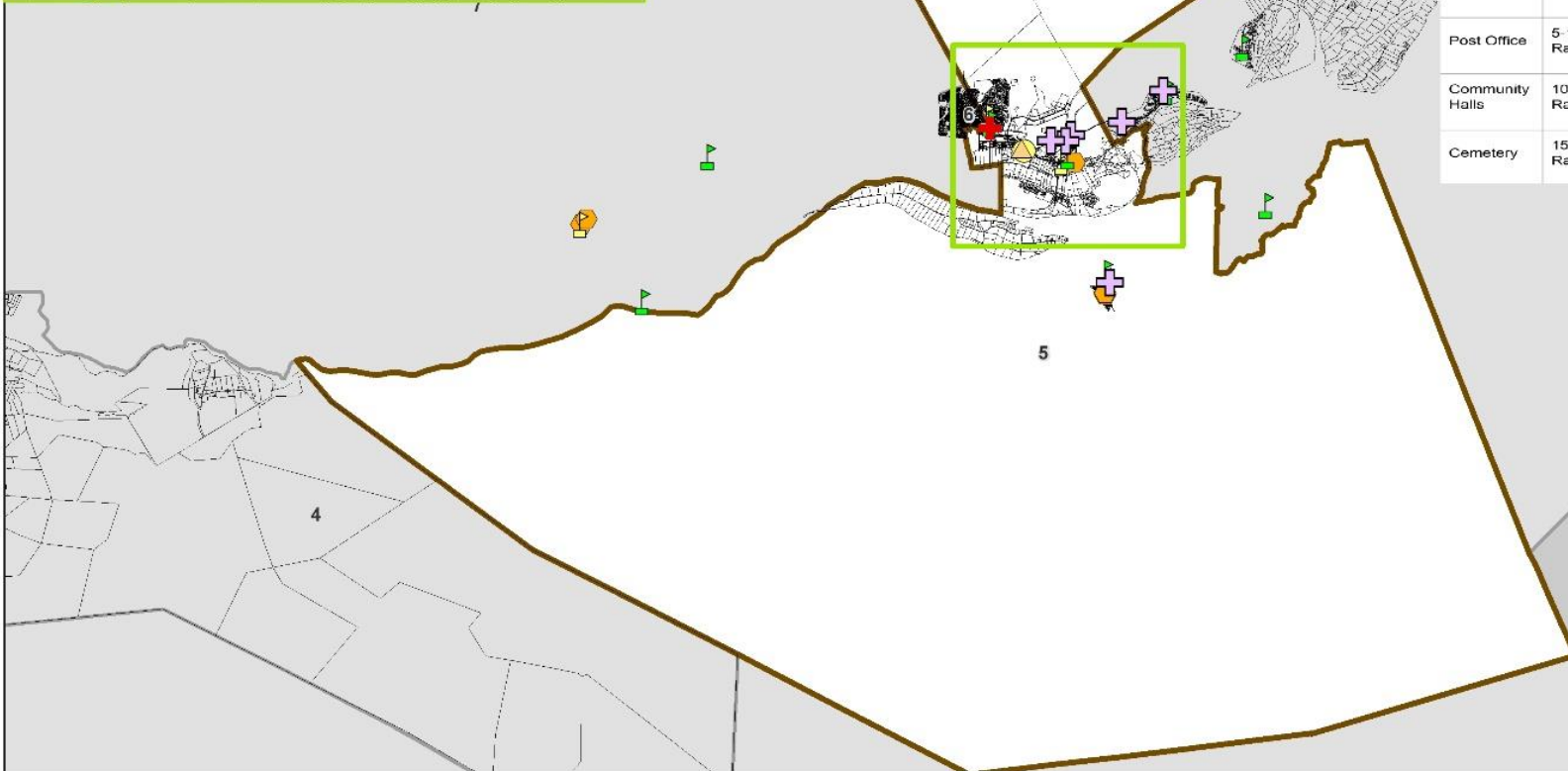
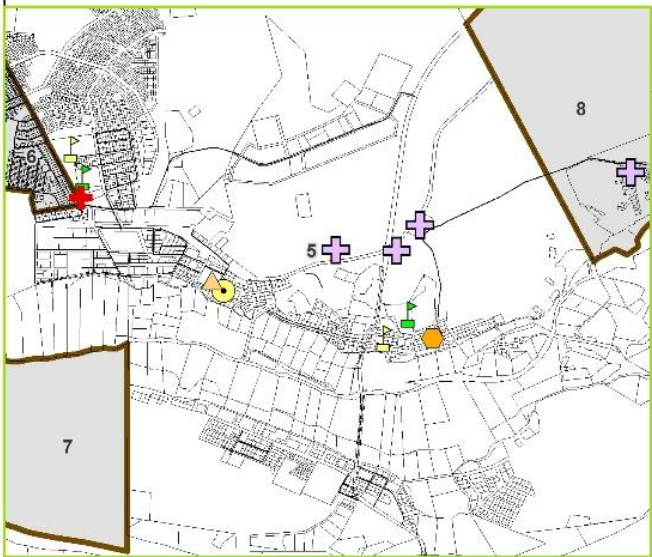
Legend

- Clinics
- Hospitals
- Cemeteries
- Community Halls
- Post Office
- Primary Schools
- Secondary Schools
- Libraries
- Police Stations
- Erven
- Ward 4
- Wards 2020

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES PLAN - WARD 5

1:180 000



Year			2016	2023		2028	
Population			4 265	4 753		5 136	
Planning Thresholds	Walking Distance	Minimum Requirements	Existing	Required	Shortfall	Required	Shortfall
Crèche	2 km Radius	2 400 – 3 000 people	0	2	2	2	2
Primary School	5 km Radius	1 000 – 7 000 people	3	2	1	2	1
Secondary/ High School	5 km Radius	2 500 – 12 500 people	2	1	0	1	0
Library	8-10 km Radius	5 000 – 20 000 people	3	1	0	1	0
Clinic	5 km Radius	5000 – 7 000 people	1	1	0	1	0
Hospital	30 km Radius	300 000 – 900 000 people	0	0	0	0	0
Police Station	8 km Radius	60 000 – 100 000 people	1	0	0	0	0
Post Office	5-10 km Radius	10 000 – 20 000 people	1	0	0	0	0
Community Halls	10 km Radius	10 000 – 60 000 people	0	0	0	0	0
Cemetery	15 km Radius	8.8Ha / 50 000 people	4	0	0	0	0

Legend

- Clinics
- Hospitals
- Cemeteries
- Community Halls
- Post Office
- Primary Schools
- Secondary Schools
- Libraries
- Police Stations
- Erven
- Ward 5
- Wards 2020

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES PLAN - WARD 7

1:160 000



KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES PLAN - WARD 8

1:200 000



Planning Thresholds	Year		2016	2023		2028	
	Population		6 819	7 599		8 211	
	Walking Distance	Minimum Requirements	Existing	Required	Shortfall	Required	Shortfall
Crèche	2 km Radius	2 400 – 3 000 people	0	3	3	4	4
Primary School	5 km Radius	1 000 – 7 000 people	6	2	0	3	0
Secondary/ High School	5 km Radius	2 500 – 12 500 people	0	1	1	2	2
Library	8-10 km Radius	5 000 – 20 000 people	1	1	0	1	0
Clinic	5 km Radius	5000 – 7 000 people	0	2	2	2	2
Hospital	30 km Radius	300 000 – 900 000 people	0	0	0	0	0
Police Station	8 km Radius	60 000 – 100 000 people	1	0	0	0	0
Post Office	5-10 km Radius	10 000 – 20 000 people	0	0	0	0	0
Community Halls	10 km Radius	10 000 – 60 000 people	0	0	0	0	0
Cemetery	15 km Radius	8.8Ha / 50 000 people	3	0	0	0	0

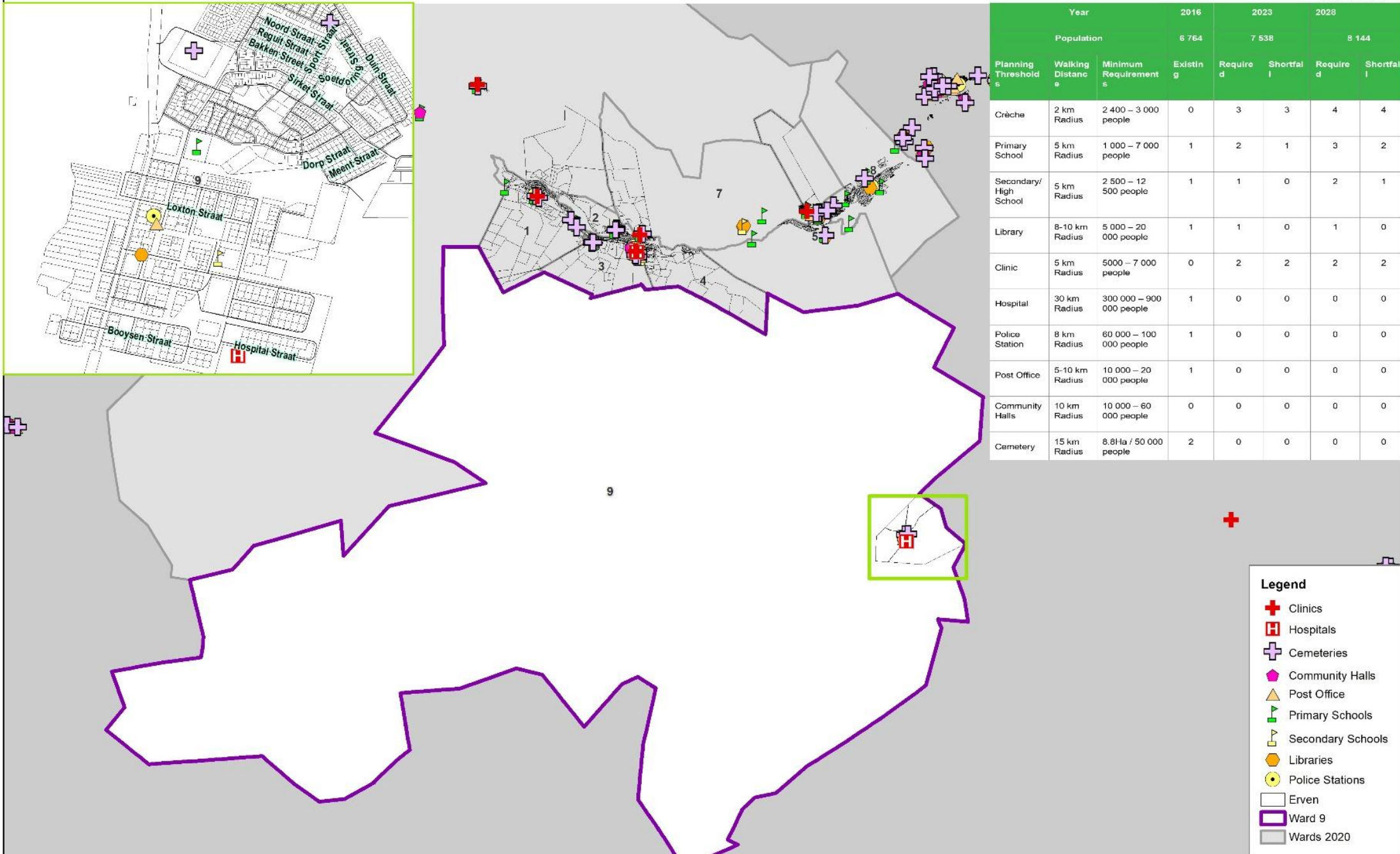
Legend

- + Clinics
- H Hospitals
- + Cemeteries
- ⬠ Community Halls
- ▲ Post Office
- 🚩 Primary Schools
- 🚩 Secondary Schools
- Libraries
- Police Stations
- Erven
- Ward 8
- Wards 2020

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES PLAN - WARD 9

1:750 000



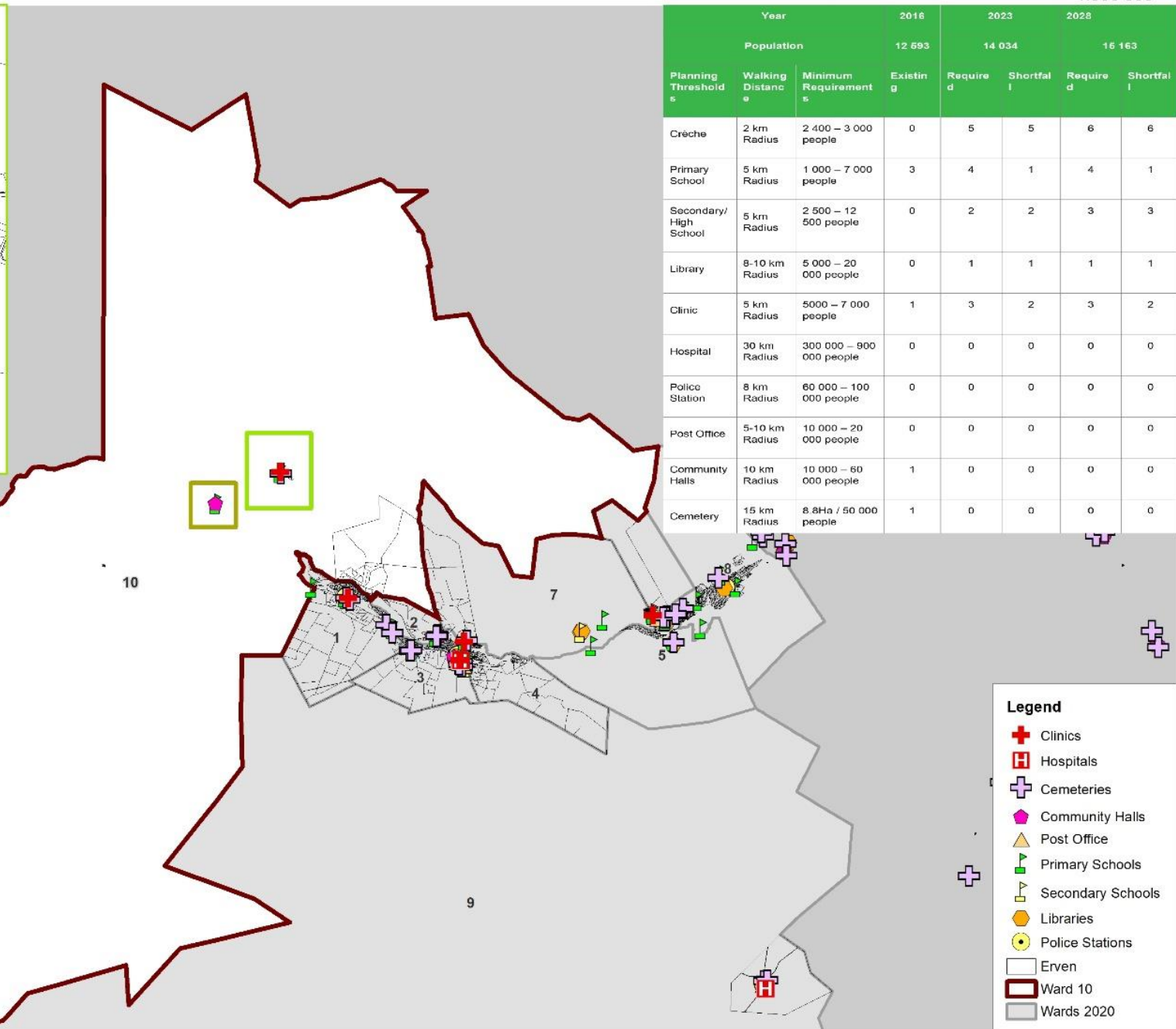
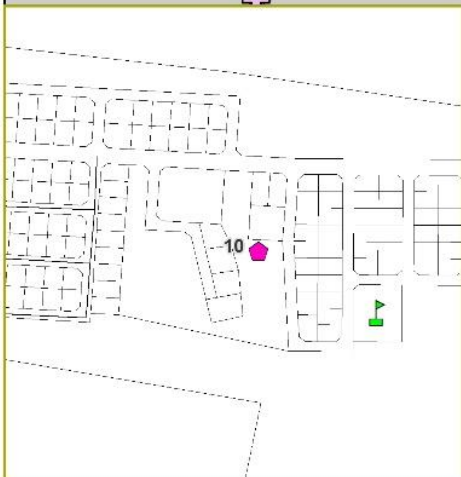
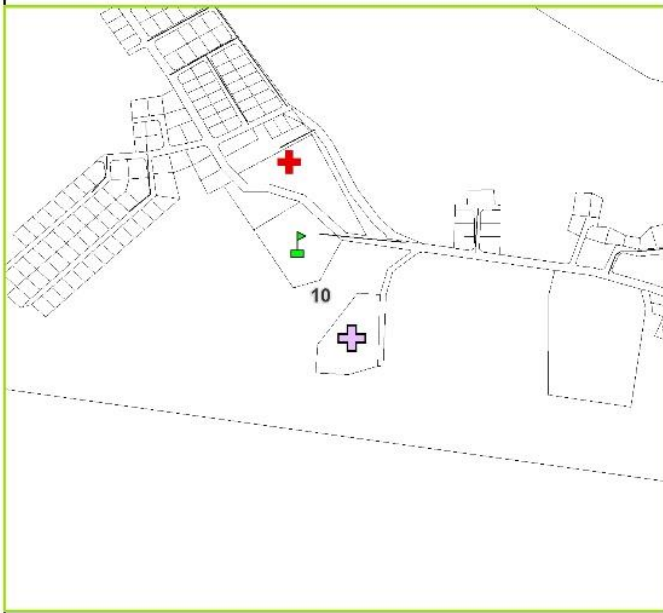
Legend

- Clinics
- Hospitals
- Cemeteries
- Community Halls
- Post Office
- Primary Schools
- Secondary Schools
- Libraries
- Police Stations
- Erven
- Ward 9
- Wards 2020

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES PLAN - WARD 10

1:800 000



Year			2016	2023	2028		
Population			12 593	14 034	16 163		
Planning Threshold	Walking Distance	Minimum Requirement	Existing	Required	Shortfall	Required	Shortfall
Crèche	2 km Radius	2 400 – 3 000 people	0	5	5	6	6
Primary School	5 km Radius	1 000 – 7 000 people	3	4	1	4	1
Secondary/ High School	5 km Radius	2 500 – 12 500 people	0	2	2	3	3
Library	8-10 km Radius	5 000 – 20 000 people	0	1	1	1	1
Clinic	5 km Radius	5000 – 7 000 people	1	3	2	3	2
Hospital	30 km Radius	300 000 – 900 000 people	0	0	0	0	0
Police Station	8 km Radius	60 000 – 100 000 people	0	0	0	0	0
Post Office	5-10 km Radius	10 000 – 20 000 people	0	0	0	0	0
Community Halls	10 km Radius	10 000 – 60 000 people	1	0	0	0	0
Cemetery	15 km Radius	8.8Ha / 50 000 people	1	0	0	0	0

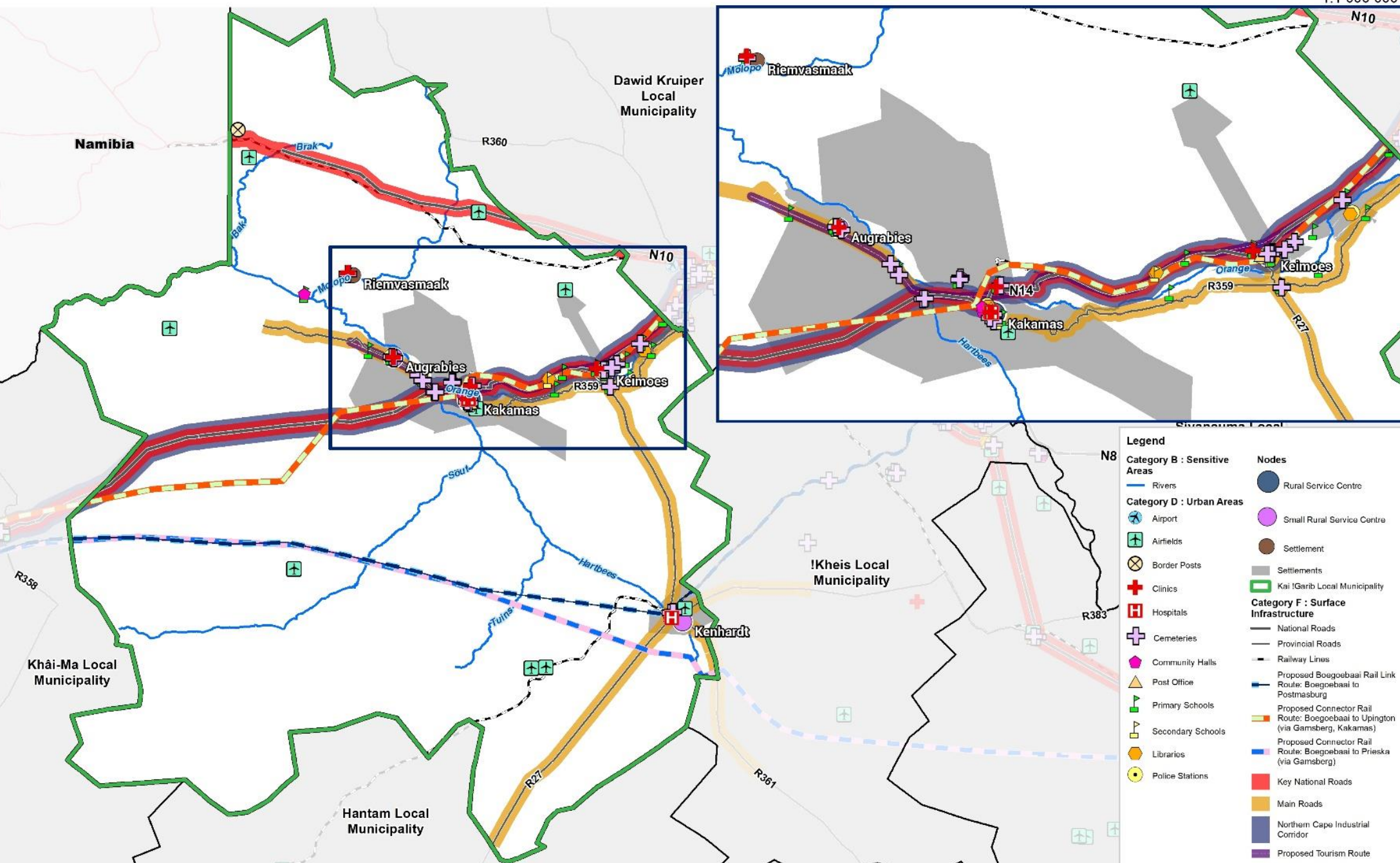
Legend

- + Clinics
- H Hospitals
- + Cemeteries
- house icon Community Halls
- triangle Post Office
- flag Primary Schools
- flag Secondary Schools
- circle Libraries
- dot Police Stations
- Erven
- Ward 10
- Wards 2020

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SOCIAL FACILITIES FRAMEWORK PLAN

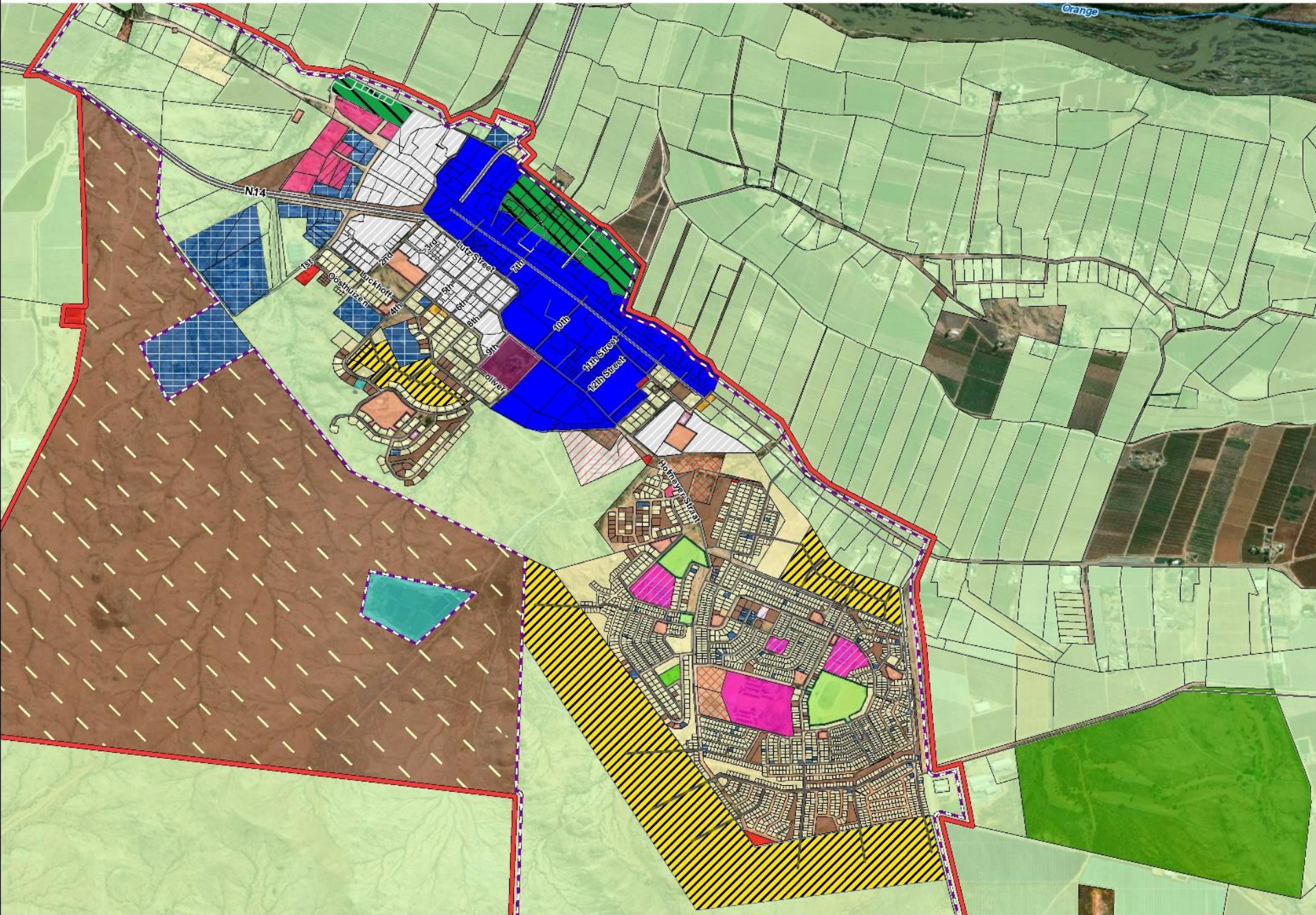
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KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

LAND USE - KAKAMAS

N
1:19 000

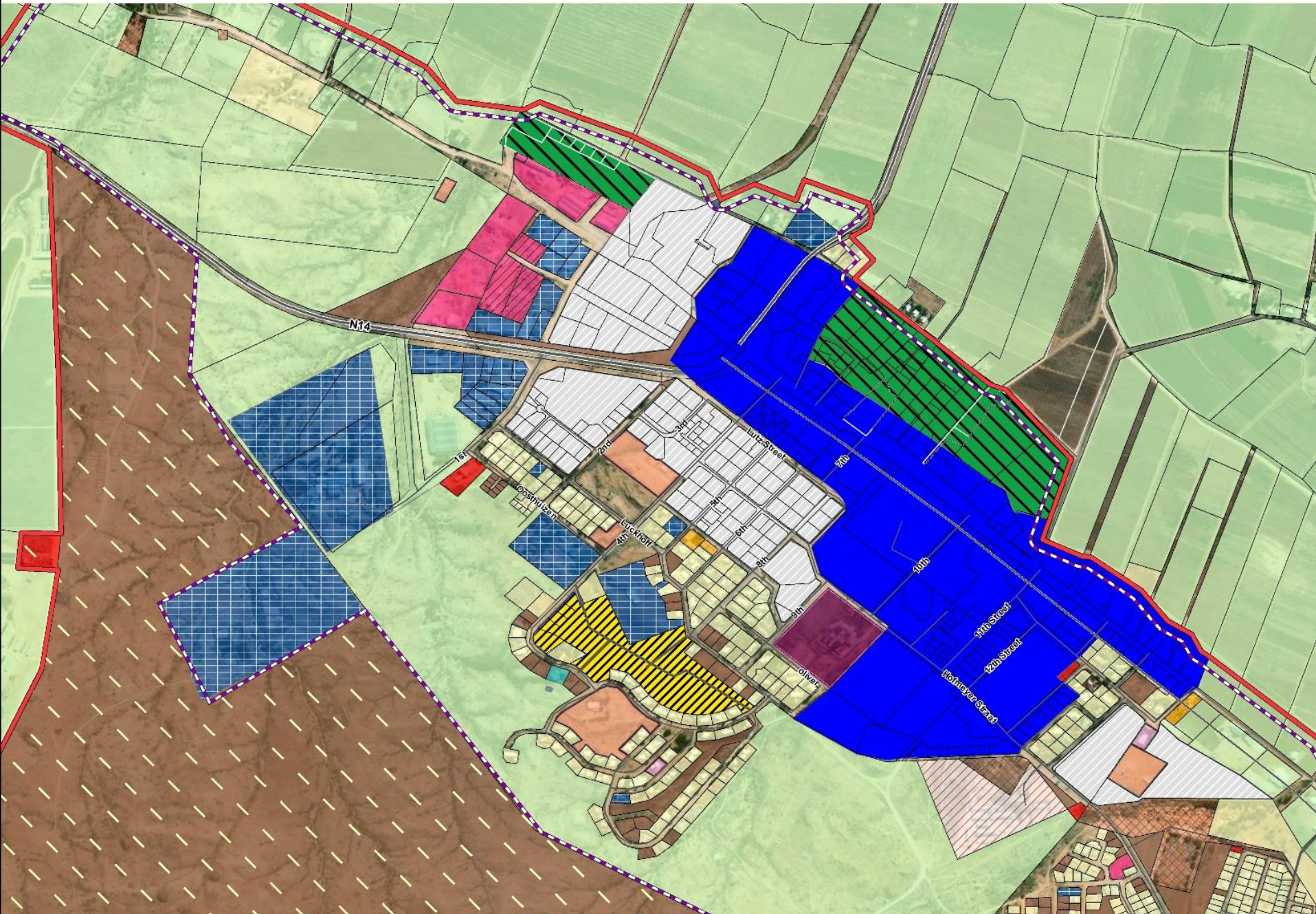


- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Urban Services Edge
 - Transition Zone
 - Erven
 - Farm Portions
- Existing Land Use**
- Category B: Sensitive Areas**
- Playground
- Category C: Agricultural Areas**
- Agriculture
- Category D: Urban Areas**
- Business/Commercial
 - Cemetery
 - Crèche
 - Clinic
 - Community Hall
 - Golfcourse
 - Government Use
 - Holiday Accommodation
 - Hospital
 - Library
 - Medical Offices
 - Municipal Use
 - Place of Worship
 - Police Station
 - Primary School
 - Residential
 - School
 - School Hostel
 - Sports Fields & Related Infrastructure
 - Tourist Center
- Category E: Industrial Areas**
- Industry
 - Light Industry
- Category F: Surface Infrastructure**
- Communications Tower
 - Water Treatment Works
- Category G: Other Uses**
- Vacant
- Proposals**
- Proposed Road Expansion
- Land Use**
- Category D: Urban Areas**
- Residential
 - Mixed Use Development
 - CBD Precinct
- Category E: Industrial Areas**
- Agricultural Industry

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

LAND USE - KAKAMAS ZOOM IN 1

N
1:10 500

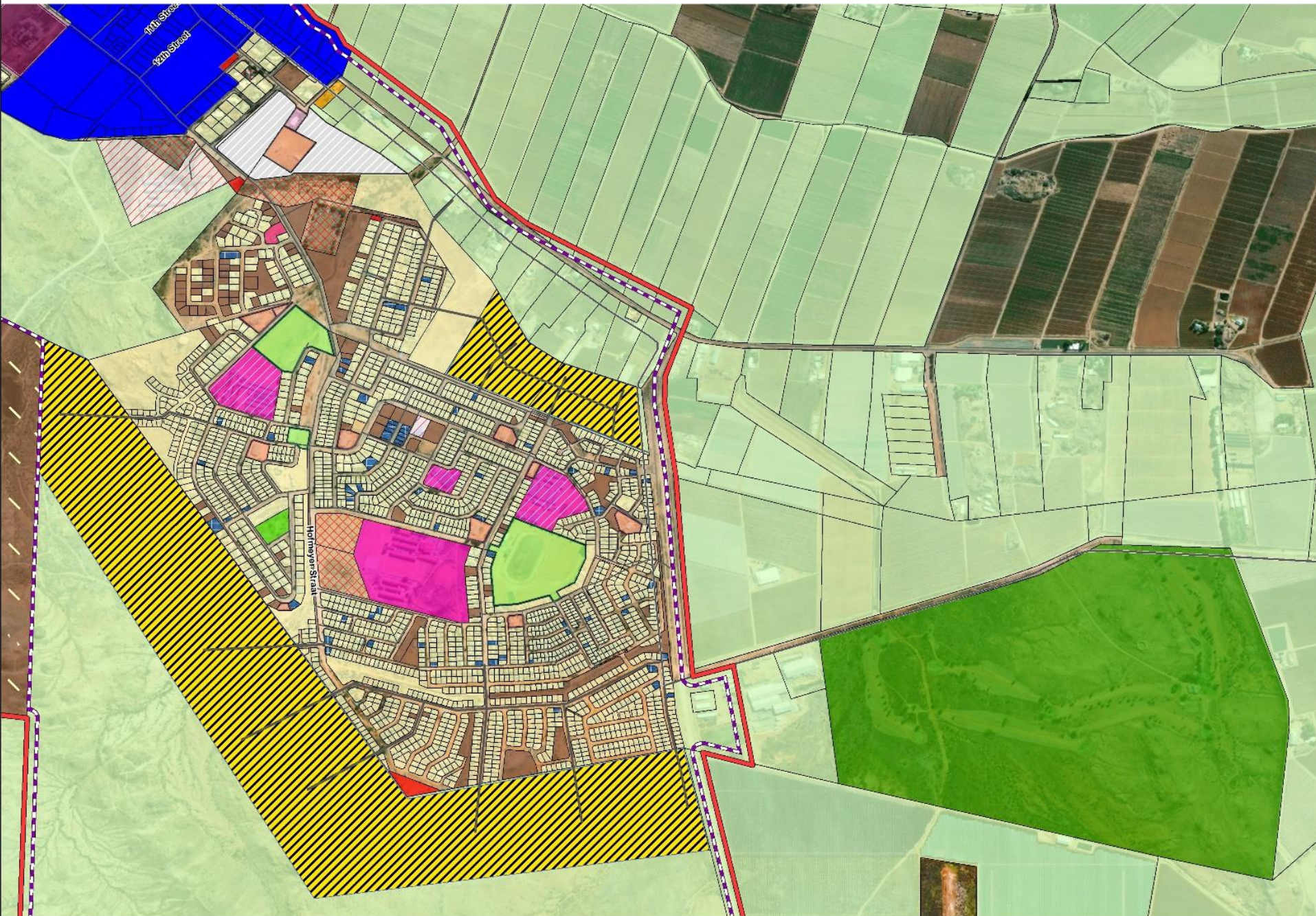


- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Urban Services Edge
 - Transition Zone
 - Erven
 - Farm Portions
 - Existing Land Use**
 - Category B: Sensitive Areas**
 - Playground
 - Category C: Agricultural Areas**
 - Agriculture
 - Category D: Urban Areas**
 - Business/Commercial
 - Cemetery
 - Crèche
 - Clinic
 - Community Hall
 - Golfcourse
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 - Tourist Center
 - Category E: Industrial Areas**
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 - Light Industry
 - Category F: Surface Infrastructure**
 - Communications Tower
 - Water Treatment Works
 - Category G: Other Uses**
 - Vacant
 - Proposals**
 - Proposed Road Expansion
 - Land Use**
 - Category D: Urban Areas**
 - Residential
 - Mixed Use Development
 - CBD Precinct
 - Category E: Industrial Areas**
 - Agricultural Industry

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

LAND USE - KAKAMAS ZOOM IN 2

N
1:12 000

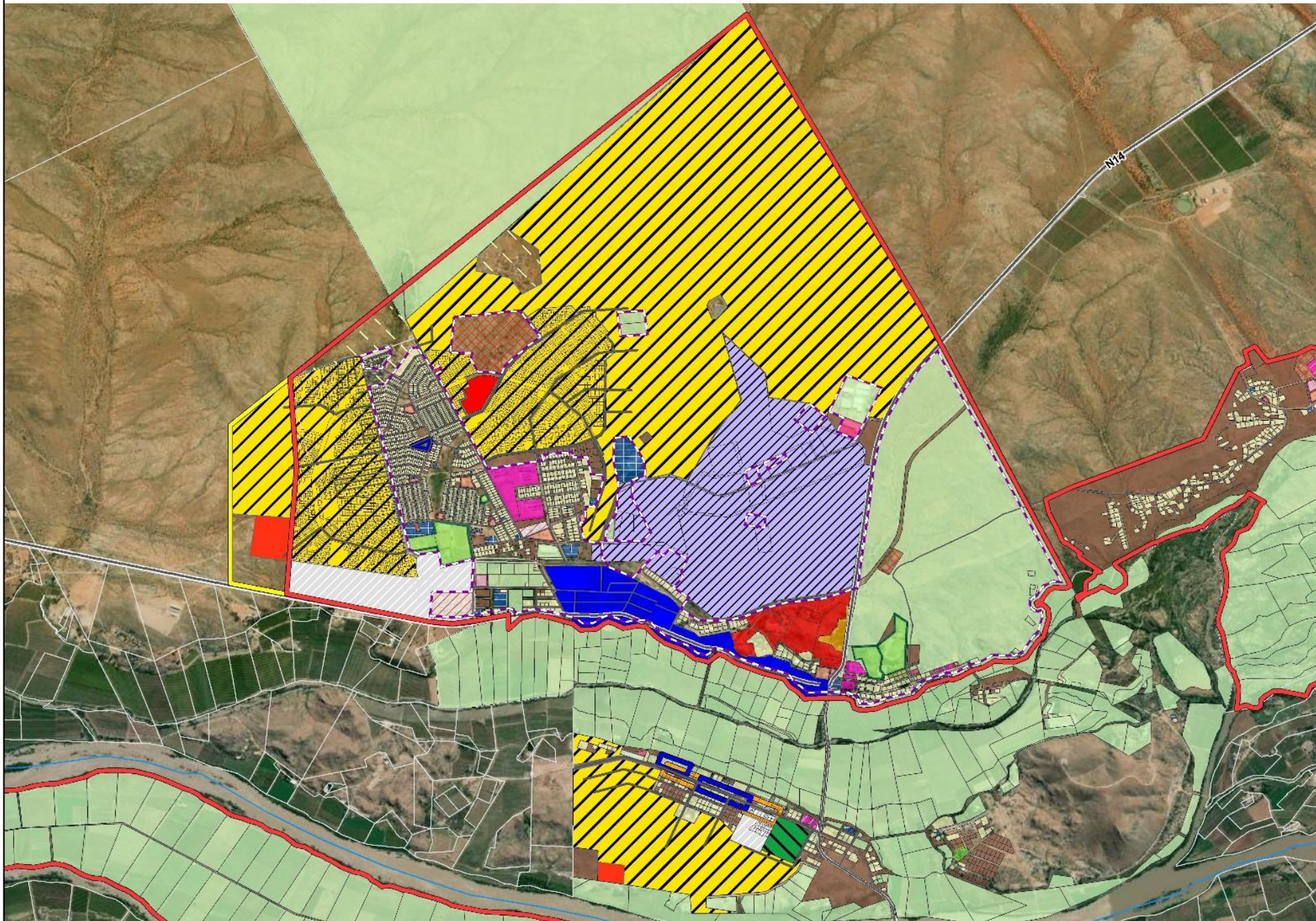


- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Urban Services Edge
 - Transition Zone
 - Erven
 - Farm Portions
- Existing Land Use**
- Category B: Sensitive Areas**
- Playground
- Category C: Agricultural Areas**
- Agriculture
- Category D: Urban Areas**
- Business/Commercial
 - Cemetery
 - Crèche
 - Clinic
 - Community Hall
 - Golfcourse
 - Government Use
 - Holiday Accommodation
 - Hospital
 - Library
 - Medical Offices
 - Municipal Use
 - Place of Worship
 - Police Station
 - Primary School
 - Residential
 - School
 - School Hostel
 - Sports Fields & Related Infrastructure
 - Tourist Center
- Category E: Industrial Areas**
- Industry
 - Light Industry
- Category F: Surface Infrastructure**
- Communications Tower
 - Water Treatment Works
- Category G: Other Uses**
- Vacant
- Proposals**
- Proposed Road Expansion
- Land Use**
- Category D: Urban Areas**
- Residential
 - Mixed Use Development
 - CBD Precinct
- Category E: Industrial Areas**
- Agricultural Industry

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

LAND USE - KEIMOS

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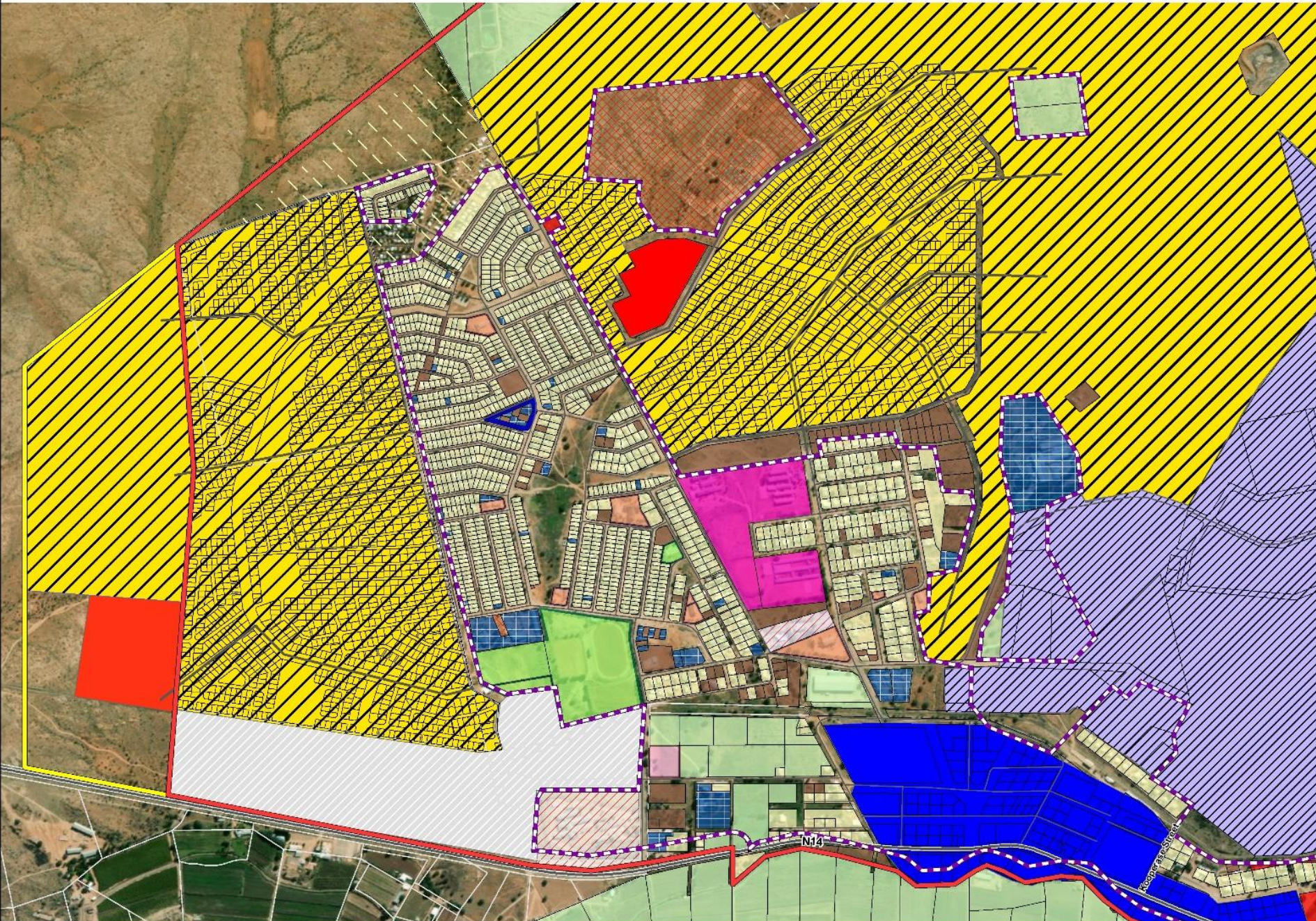
LEGEND

- National Roads
- Provincial Roads
- Local Roads
- Rivers
- Urban Edge
- Proposed Urban Edge Expansion
- Urban Services Edge
- Transition Zone
- Erven
- Farm Portions
- Existing Land Use**
- Category B: Sensitive Areas**
- Playground
- Category C: Agricultural Areas**
- Agriculture
- Category D: Urban Areas**
- Business/Commercial
- Cemetery
- Crèche
- Clinic
- Farmers Association
- Government Use
- Holiday Accommodation
- Hospital
- Medical Offices
- Municipal Use
- Place of Worship
- Police Station
- Primary School
- Residential
- School
- School Hostel
- Sports Fields & Related Infrastructure
- Category E: Industrial Areas**
- Industry
- Light Industry
- Category F: Surface Infrastructure**
- Water Treatment Works
- Category G: Other Uses**
- Vacant
- Proposals**
- Proposed Road Expansion
- Land Use**
- Category D: Urban Areas**
- Secondary Business Node
- Residential
- Municipal Uses
- Mixed Use Development
- CBD Precinct
- Category E: Industrial Areas**
- Industrial
- Agricultural Industry
- Category F: Surface Infrastructure**
- Activity Street Corridor
- Sewerage Plants and Refuse Areas

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

LAND USE - KEIMOS ZOOM IN 1

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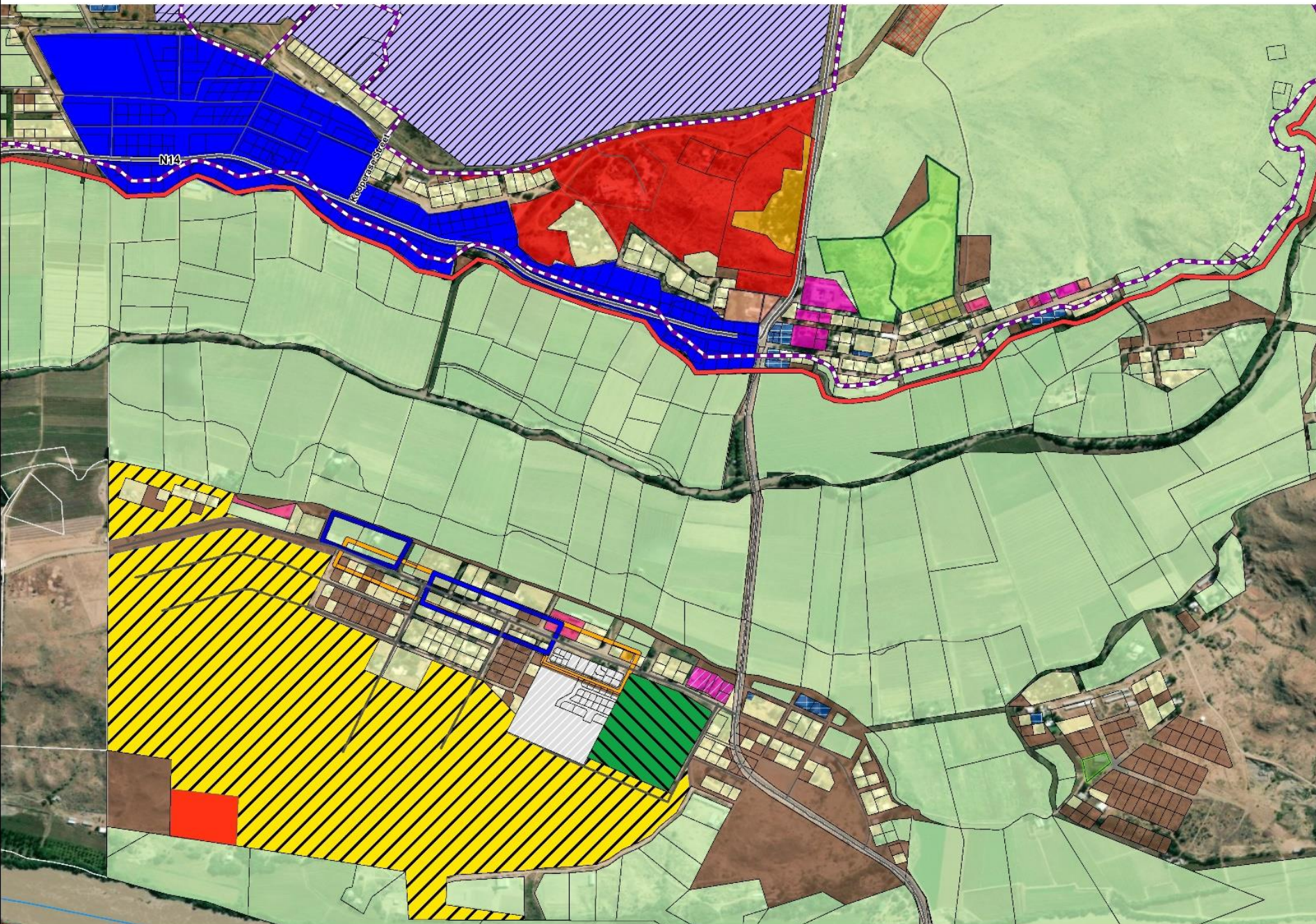


- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Proposed Urban Edge Expansion
 - Urban Services Edge
 - Transition Zone
 - Erven
 - Farm Portions
- Existing Land Use**
- Category B: Sensitive Areas**
- Playground
- Category C: Agricultural Areas**
- Agriculture
- Category D: Urban Areas**
- Business/Commercial
 - Cemetery
 - Crèche
 - Clinic
 - Farmers Association
 - Government Use
 - Holiday Accommodation
 - Hospital
 - Medical Offices
 - Municipal Use
 - Place of Worship
 - Police Station
 - Primary School
 - Residential
 - School
 - School Hostel
 - Sports Fields & Related Infrastructure
- Category E: Industrial Areas**
- Industry
 - Light Industry
- Category F: Surface Infrastructure**
- Water Treatment Works
- Category G: Other Uses**
- Vacant
- Proposals**
- Proposed Road Expansion
- Land Use**
- Category D: Urban Areas**
- Secondary Business Node
 - Residential
 - Municipal Uses
 - Mixed Use Development
 - CBD Precinct
- Category E: Industrial Areas**
- Industrial
 - Agricultural Industry
- Category F: Surface Infrastructure**
- Activity Street Corridor
 - Sewerage Plants and Refuse Areas

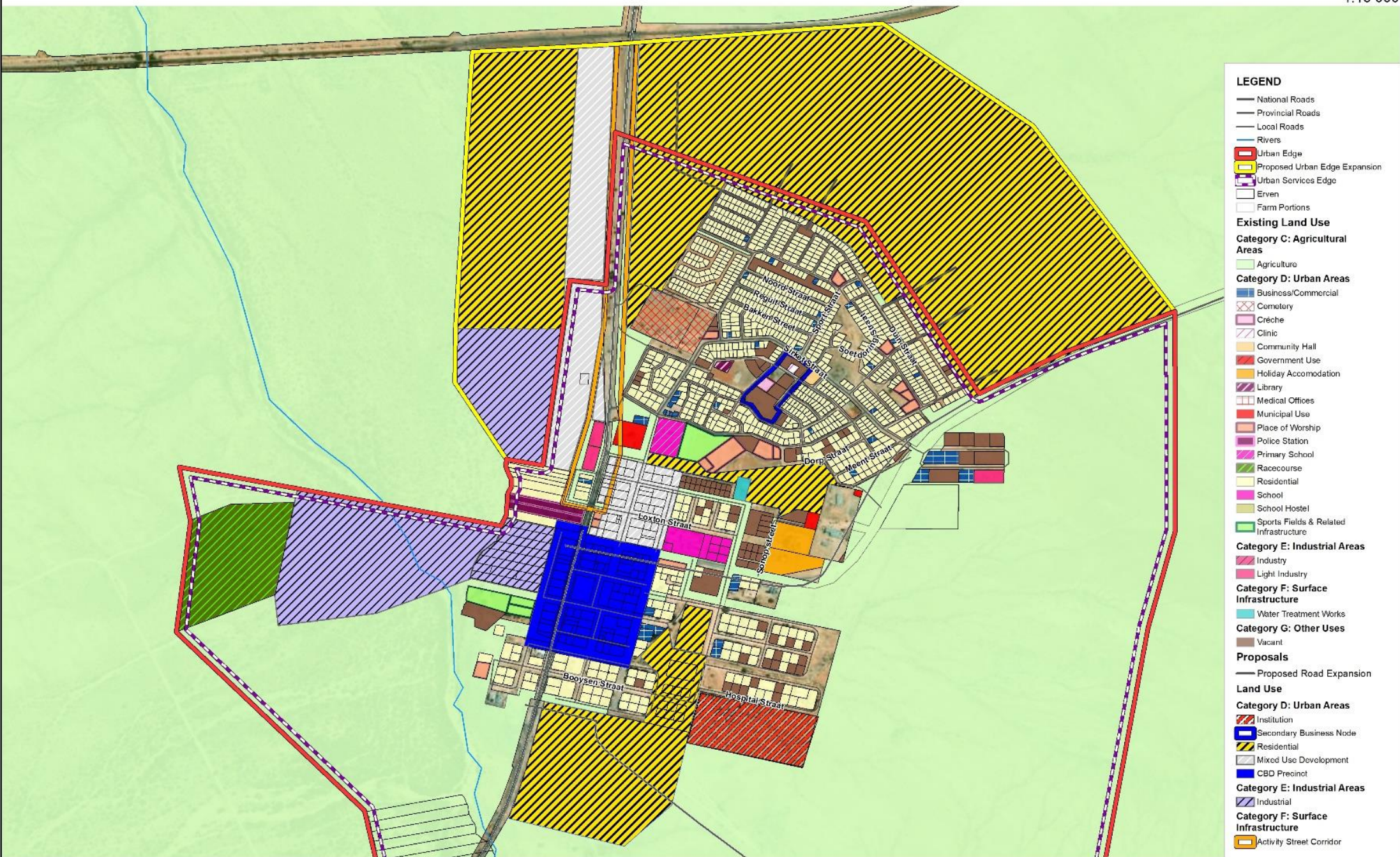
KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

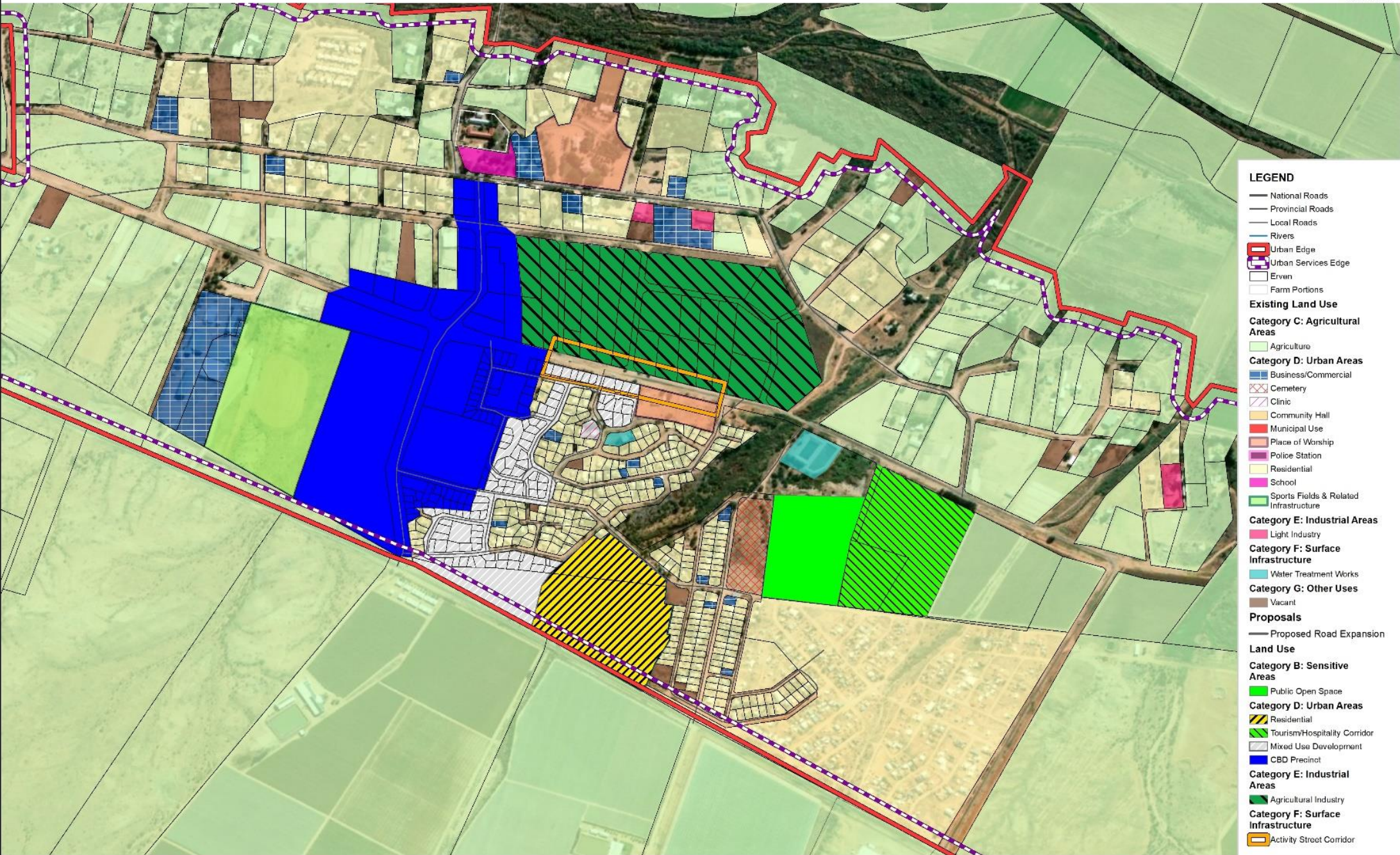
LAND USE - KEIMOS ZOOM IN 2

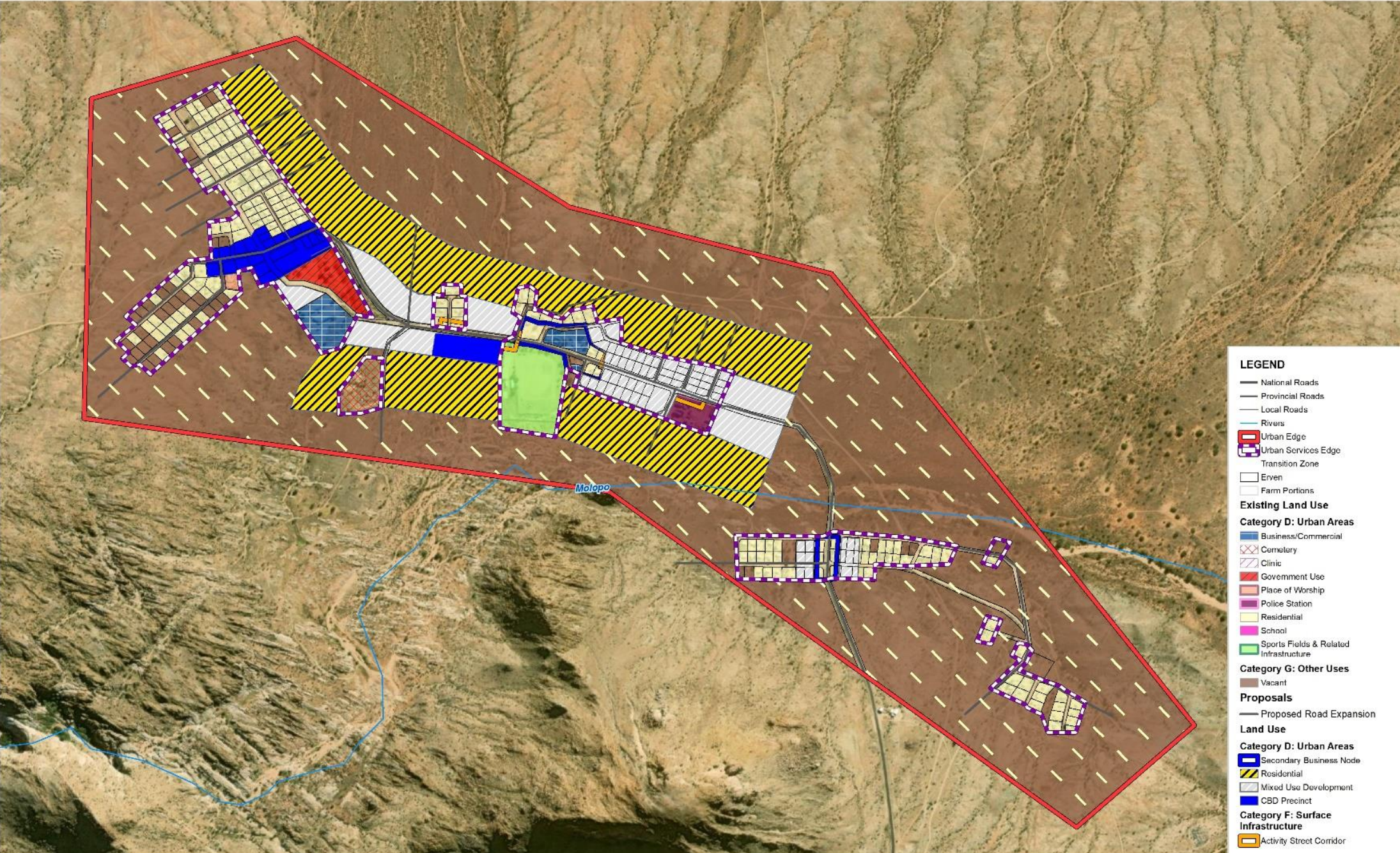
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- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Proposed Urban Edge Expansion
 - Urban Services Edge
 - Transition Zone
 - Erven
 - Farm Portions
- Existing Land Use**
- Category B: Sensitive Areas**
 - Playground
 - Category C: Agricultural Areas**
 - Agriculture
 - Category D: Urban Areas**
 - Business/Commercial
 - Cemetery
 - Crèche
 - Clinic
 - Farmers Association
 - Government Use
 - Holiday Accommodation
 - Hospital
 - Medical Offices
 - Municipal Use
 - Place of Worship
 - Police Station
 - Primary School
 - Residential
 - School
 - School Hostel
 - Sports Fields & Related Infrastructure
 - Category E: Industrial Areas**
 - Industry
 - Light Industry
 - Category F: Surface Infrastructure**
 - Water Treatment Works
 - Category G: Other Uses**
 - Vacant
- Proposals**
- Proposed Road Expansion
- Land Use**
- Category D: Urban Areas**
 - Secondary Business Node
 - Residential
 - Municipal Uses
 - Mixed Use Development
 - CBD Precinct
 - Category E: Industrial Areas**
 - Industrial
 - Agricultural Industry
 - Category F: Surface Infrastructure**
 - Activity Street Corridor
 - Sewerage Plants and Refuse Areas





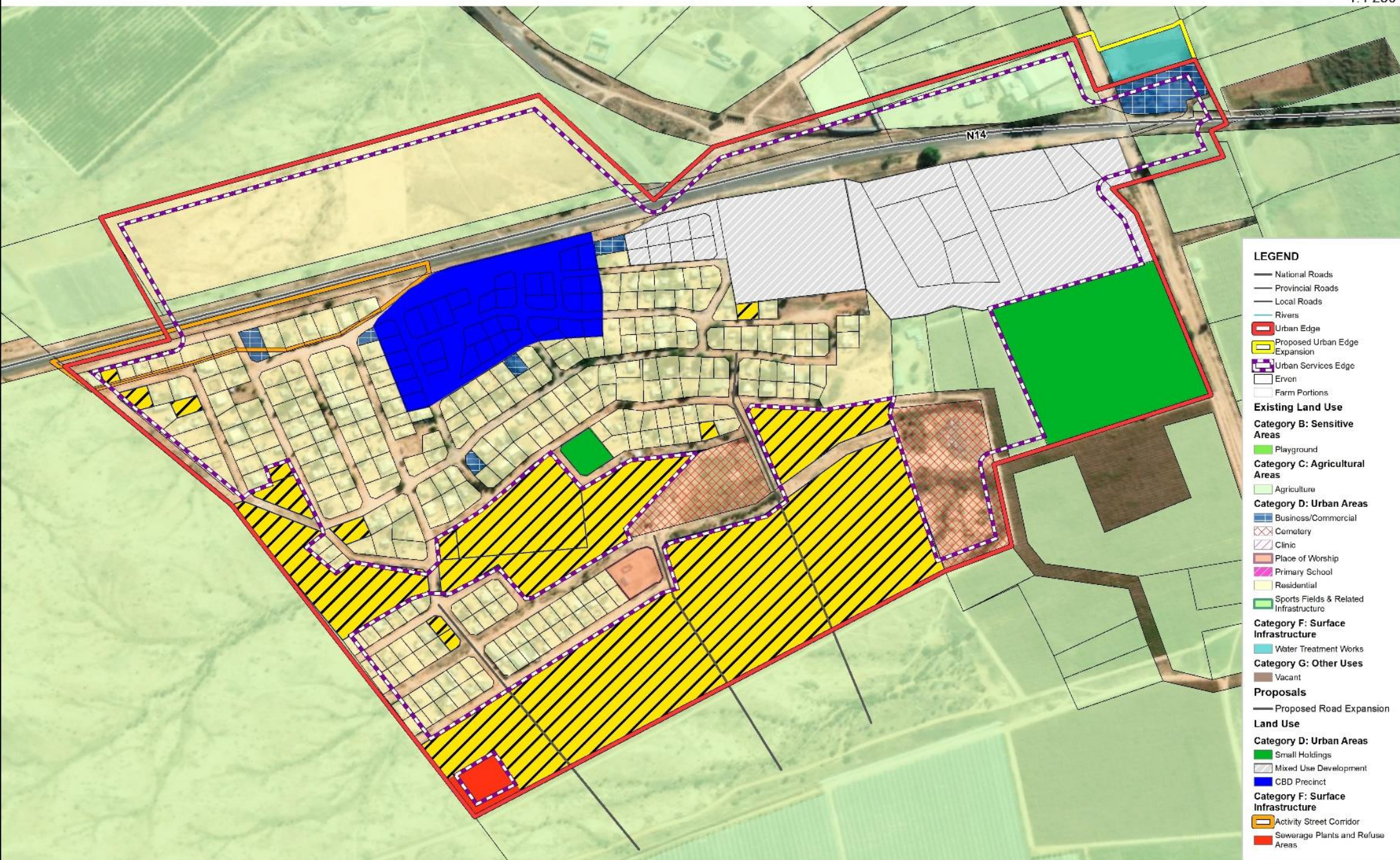


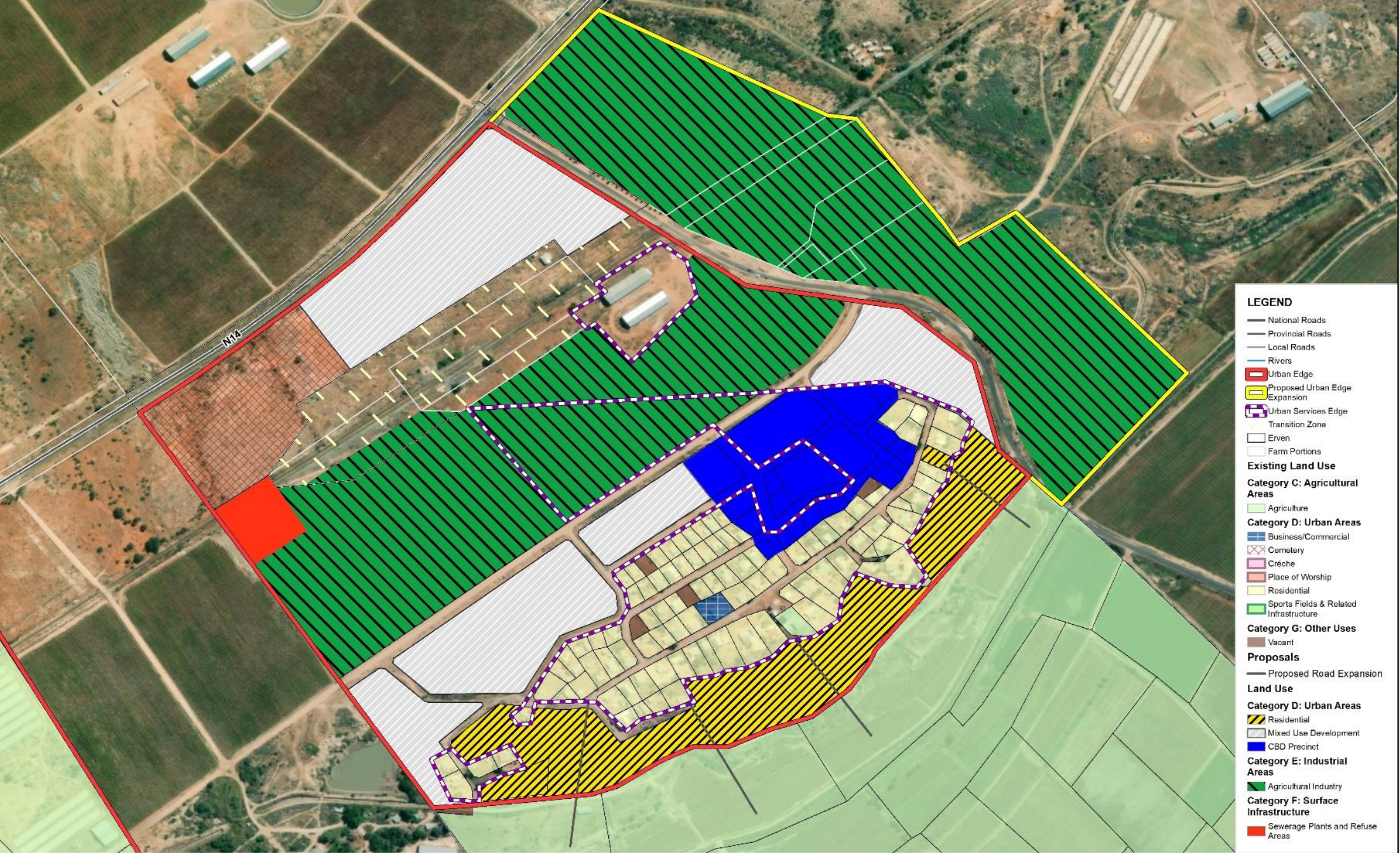
- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Urban Services Edge
 - Transition Zone
 - Erven
 - Farm Portions
- Existing Land Use**
- Category D: Urban Areas**
 - Business/Commercial
 - Cemetery
 - Clinic
 - Government Use
 - Place of Worship
 - Police Station
 - Residential
 - School
 - Sports Fields & Related Infrastructure
 - Category G: Other Uses**
 - Vacant
- Proposals**
- Proposed Road Expansion
- Land Use**
- Category D: Urban Areas**
 - Secondary Business Node
 - Residential
 - Mixed Use Development
 - CBD Precinct
 - Category F: Surface Infrastructure**
 - Activity Street Corridor

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

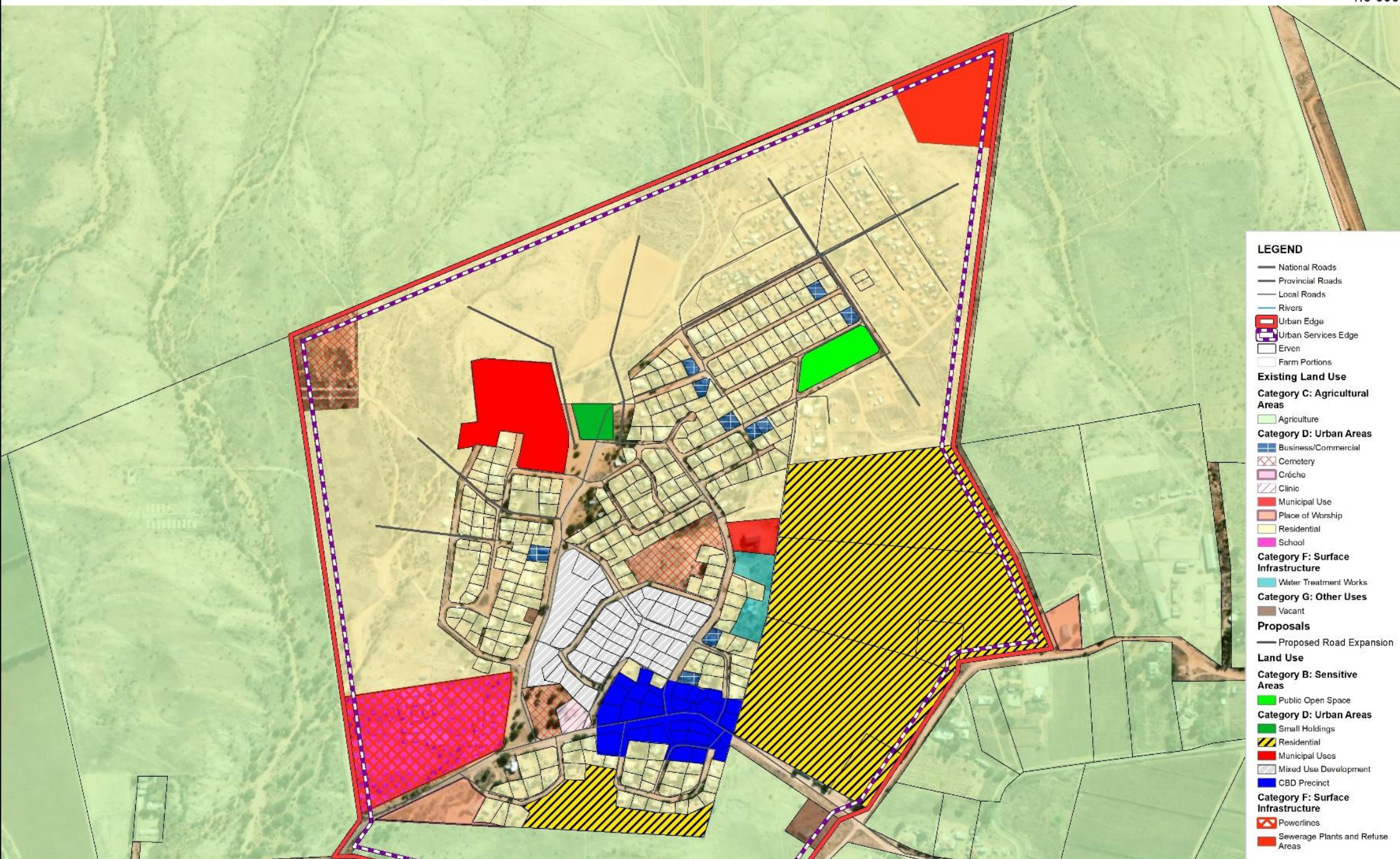
LAND USE - ALHEIT

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LEGEND

- National Roads
- Provincial Roads
- Local Roads
- Rivers
- Urban Edge
- Urban Services Edge
- Erven
- Farm Portions

Existing Land Use

Category C: Agricultural Areas

- Agriculture

Category D: Urban Areas

- Business/Commercial
- Cemetery
- Crèche
- Clinic
- Municipal Use
- Place of Worship
- Residential
- School

Category F: Surface Infrastructure

- Water Treatment Works

Category G: Other Uses

- Vacant

Proposals

- Proposed Road Expansion

Land Use

Category B: Sensitive Areas

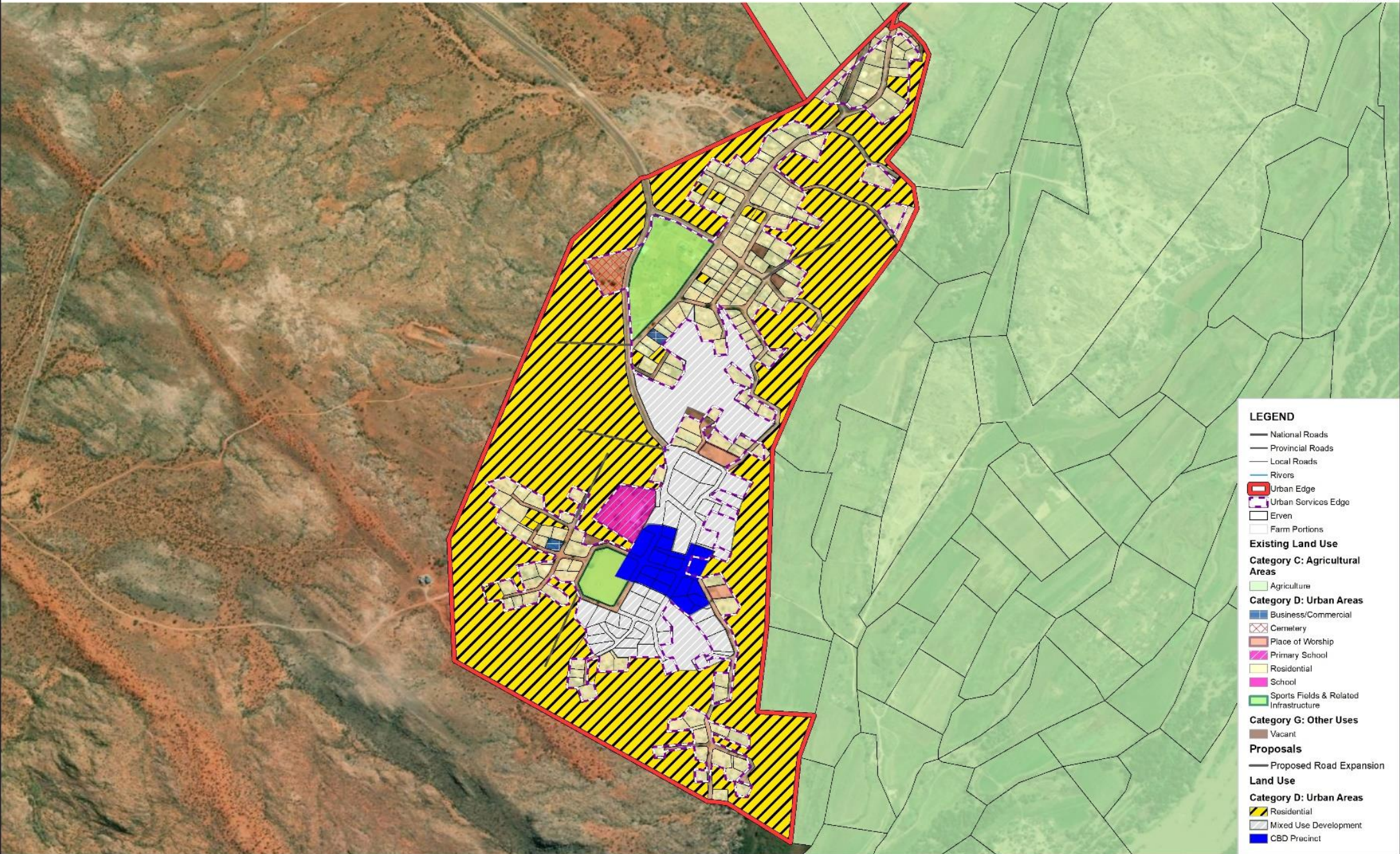
- Public Open Space

Category D: Urban Areas

- Small Holdings
- Residential
- Municipal Uses
- Mixed Use Development
- CBD Precinct

Category F: Surface Infrastructure

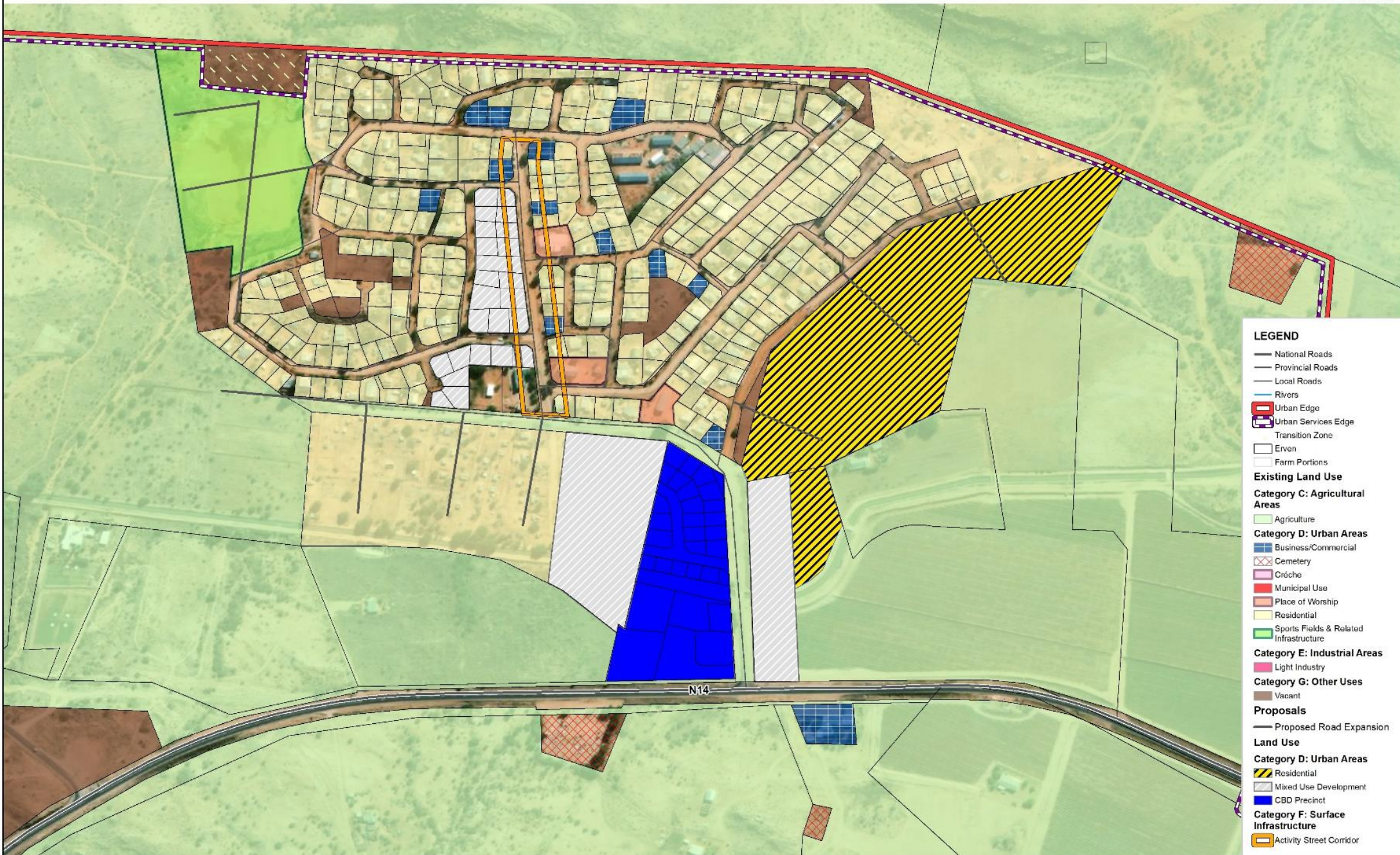
- Powerlines
- Sewerage Plants and Refuse Areas

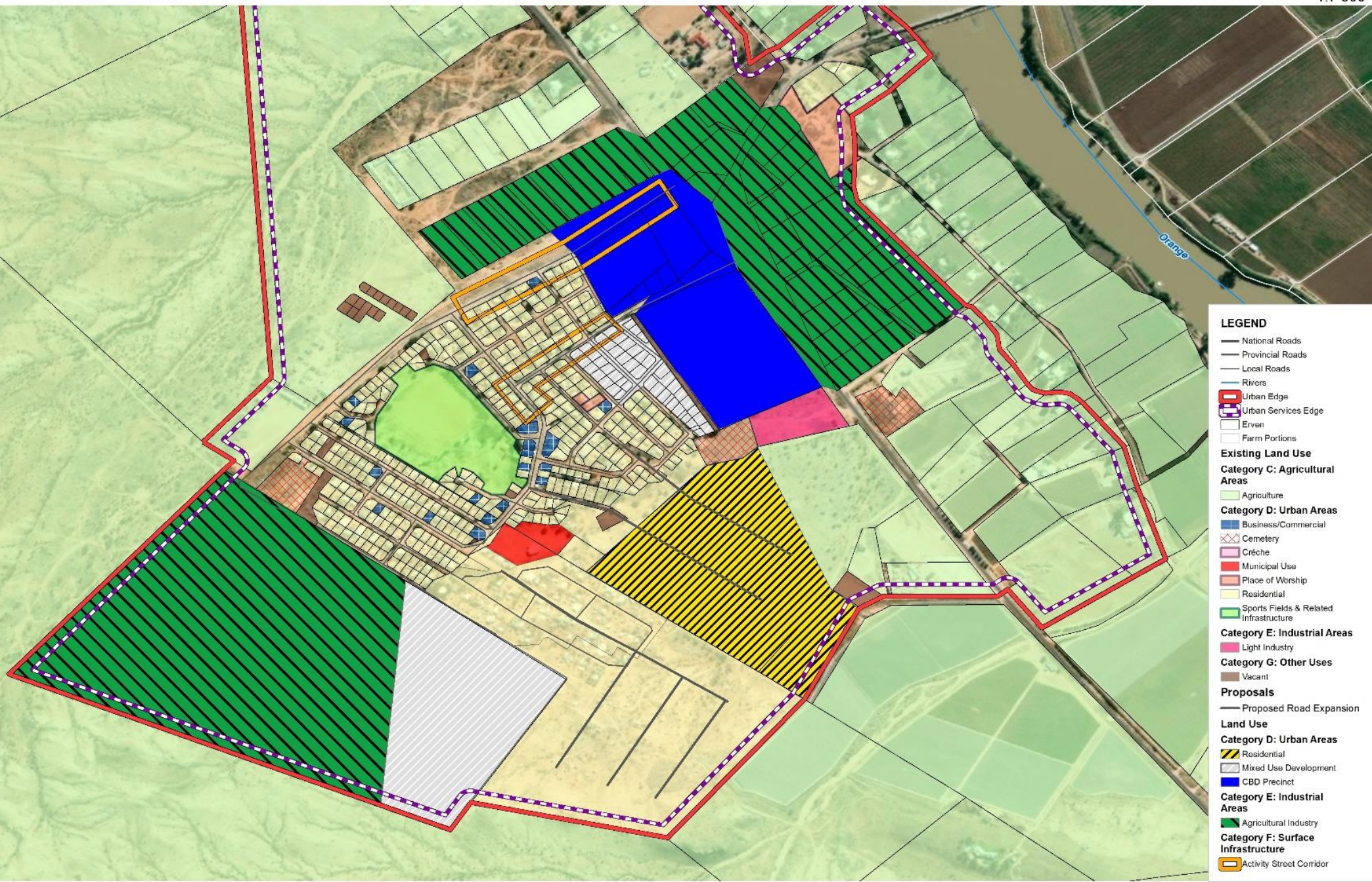


KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

LAND USE - LUTZBURG

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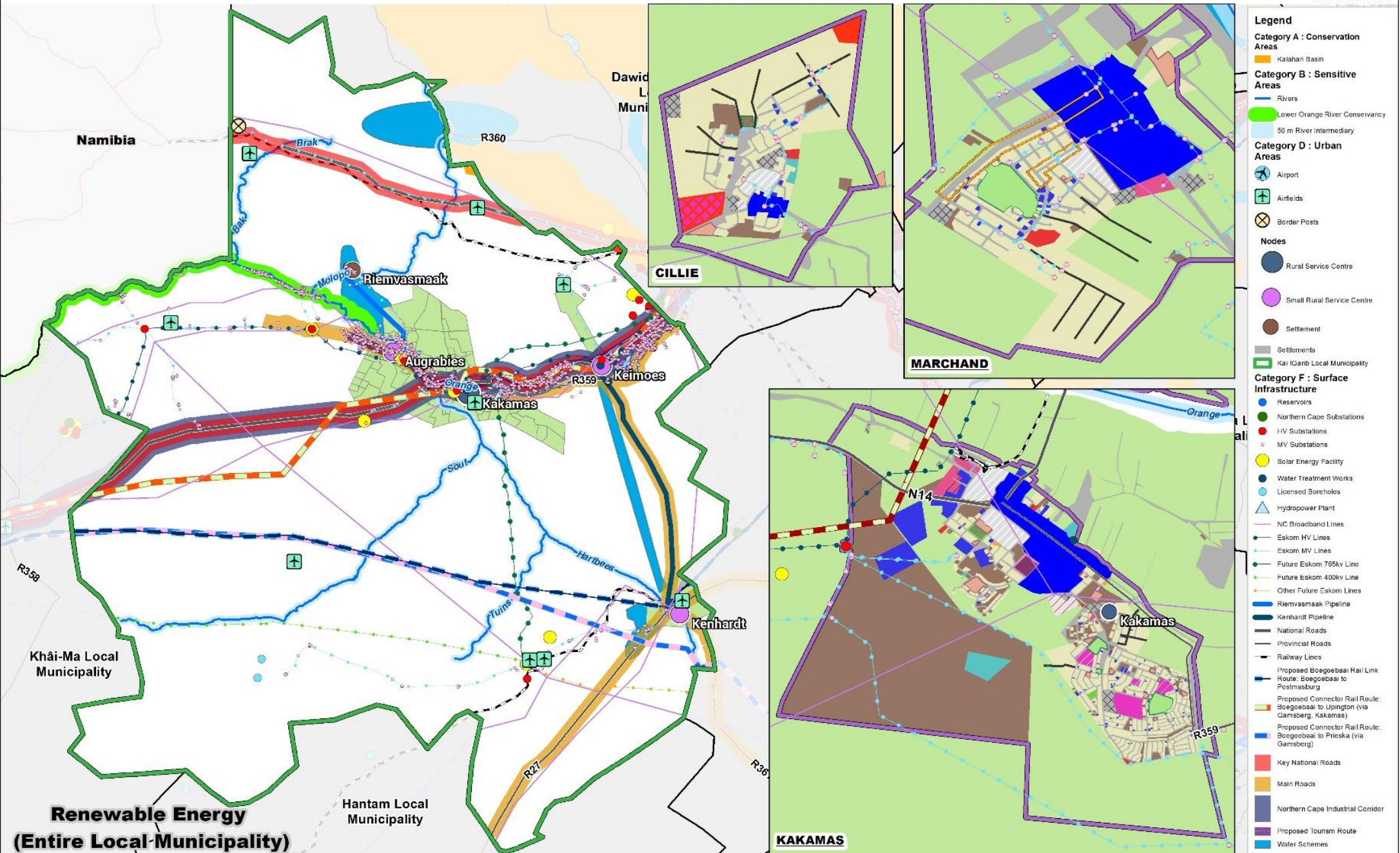


- LEGEND**
- National Roads
 - Provincial Roads
 - Local Roads
 - Rivers
 - Urban Edge
 - Urban Services Edge
 - Erven
 - Farm Portions
- Existing Land Use**
- Category C: Agricultural Areas**
- Agriculture
- Category D: Urban Areas**
- Business/Commercial
 - Cemetery
 - Crèche
 - Municipal Use
 - Place of Worship
 - Residential
 - Sports Fields & Related Infrastructure
- Category E: Industrial Areas**
- Light Industry
- Category G: Other Uses**
- Vacant
- Proposals**
- Proposed Road Expansion
- Land Use**
- Category D: Urban Areas**
- Residential
 - Mixed Use Development
 - CBD Precinct
- Category E: Industrial Areas**
- Agricultural Industry
- Category F: Surface Infrastructure**
- Activity Street Corridor

KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

BUILT ENVIRONMENT FRAMEWORK PLAN: CILLIE, MARCHAND & KAKAMAS

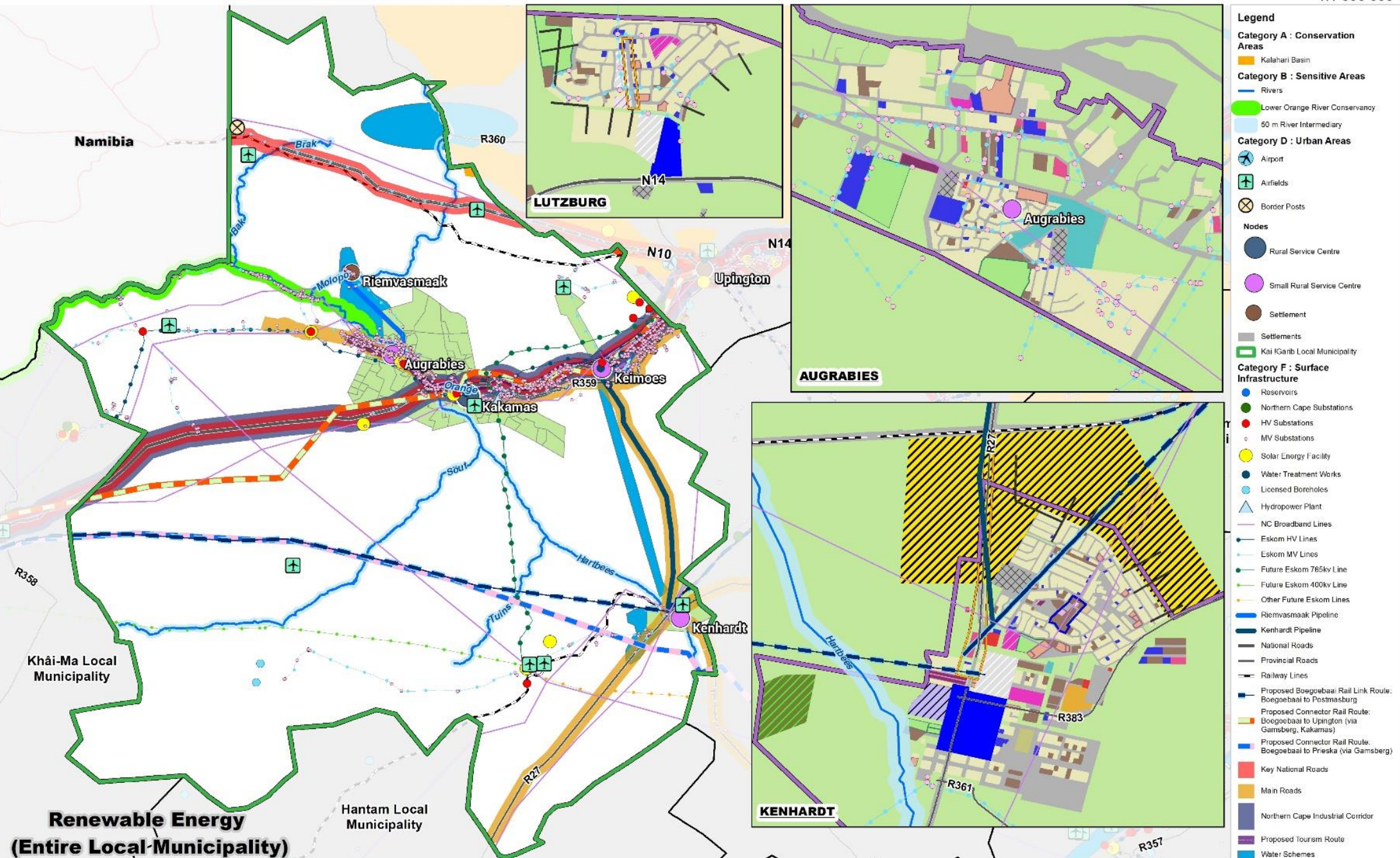
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KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

BUILT ENVIRONMENT FRAMEWORK PLAN: LUTZBURG, AUGRABIES & KENHARDT

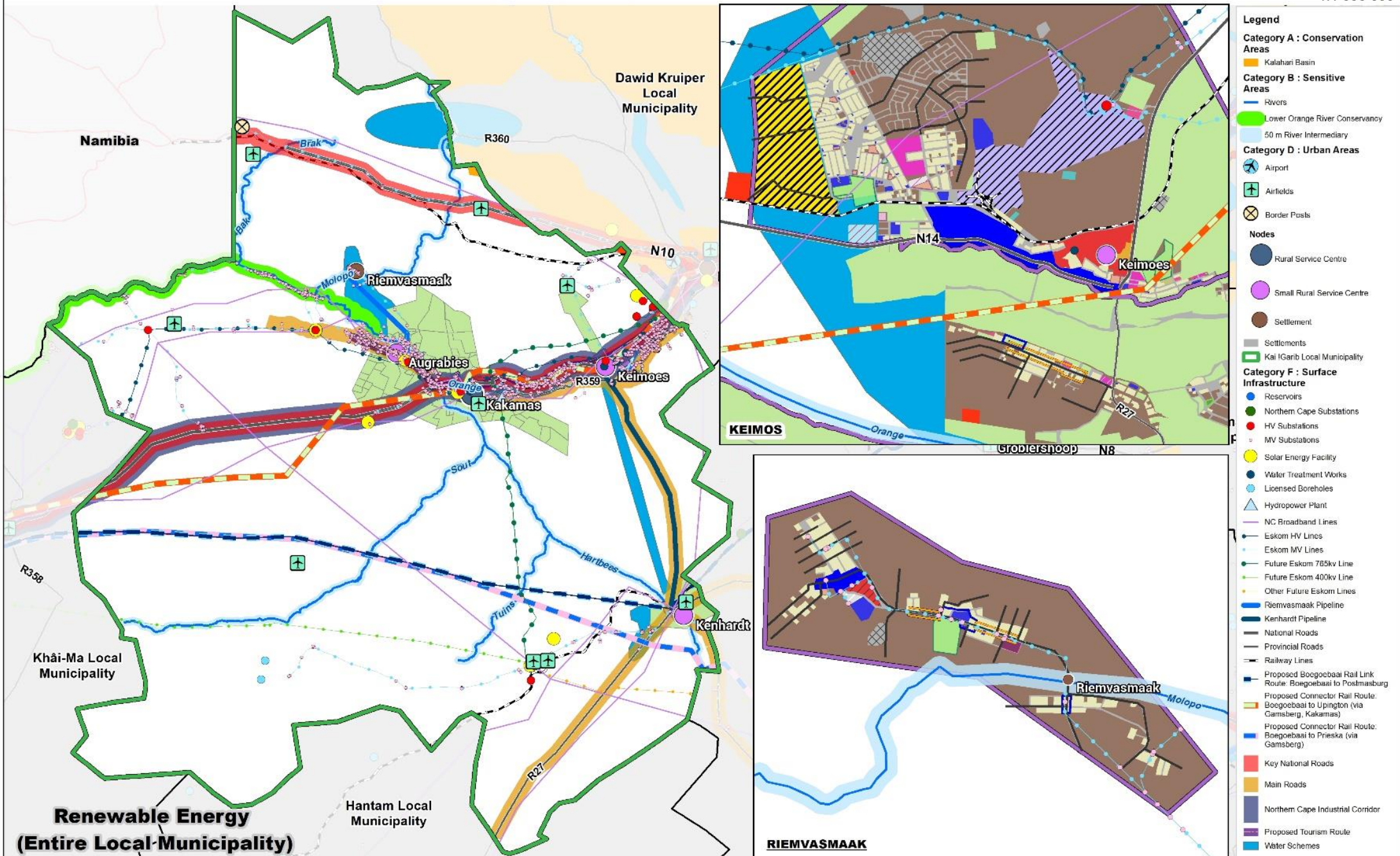
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KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

BUILT ENVIRONMENT FRAMEWORK PLAN: KEIMOS & RIEMVASMAAK

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KAI !GARIB LOCAL MUNICIPALITY SPATIAL DEVELOPMENT FRAMEWORK REVIEW

SPATIAL DEVELOPMENT FRAMEWORK

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