

COMPANY PROFILE

Capability Statement

RENAISSANCE
PLANNING LTD

2017



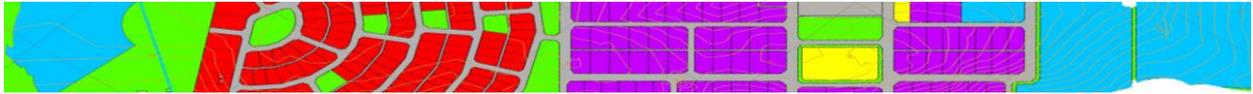
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replanningltd@gmail.com



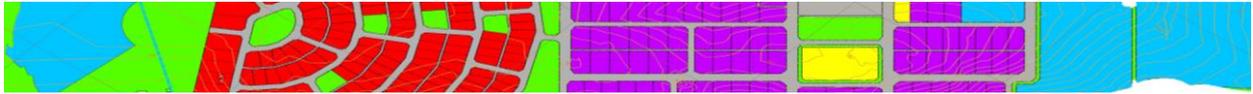
Overview

Renaissance Planning limited is a registered Company limited by Shares under the Laws of Kenya CAP 486. It is a physical planning, digital topographical mapping/surveying and environmental management consultancy firm. The firm's key personnel are registered by their relevant professional bodies and regulating authorities which include; *Physical Planners Registration Board*, the *Kenya Institute of Planners* and *Architectural Association of Kenya-Town Planning Chapter*, *Institute of Surveyors of Kenya*, *Environment Institute of Kenya (EIK)* etc. The company is duly registered by the *Registrar of Companies*, *Commissioner of VAT* among other Government agencies. The management is structured in such a way that there is board of Directors, top management, departmental and sections heads and a pool of professionals who carry out technical assignments.

RENAISSANCE PLANNING LTD has a corporate consultancy reputation for the following:

- ❖ Preparation and processing of Development Applications such as:
 - Site/Institutional/Master Planning
 - Land Sub-division
 - Change of Use
 - Extension of Use
 - Processing of ownership documents (lease certificates and title deeds)
 - Renewal and Extension of Leases
 - Advertisements
 - Urban renewal/redevelopment plans
- ❖ Environmental Management: (Environmental Impact Assessment (EIA) & Audit (EA) and Environmental and Social Impact Assessment (ESIA)),
- ❖ Physical Planning: (Urban and Regional Planning GIS based Integrated Strategic Planning, Zoning/Advisory Planning and Subject (sector) Planning),
- ❖ Digital Topographical Mapping of natural and man-made features (which aid site/master planning).
- ❖ Surveying: (demarcation of plots/land parcels).

The firm has a pool of diverse expertise with a strong countrywide network. It is composed of technical personnel with both advanced knowledge and extensive experience consisting of



Physical Planners, Land Surveyors, Environmentalists, GIS experts, Architects, Economists, Sociologists, Engineers, Valuers and Infrastructure Experts.

Our Strategic focus

Vision

To become a Regional and Continental leading organization in the provision of Spatial Planning, and Master planning in the built environment.

Mission

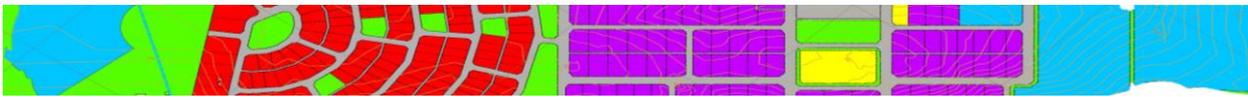
To provide efficient technical consultancy services in public and private sectors in the provision of the Spatial Planning, Digital Topographical Mapping, Surveying and Environmental Management.

Management objectives

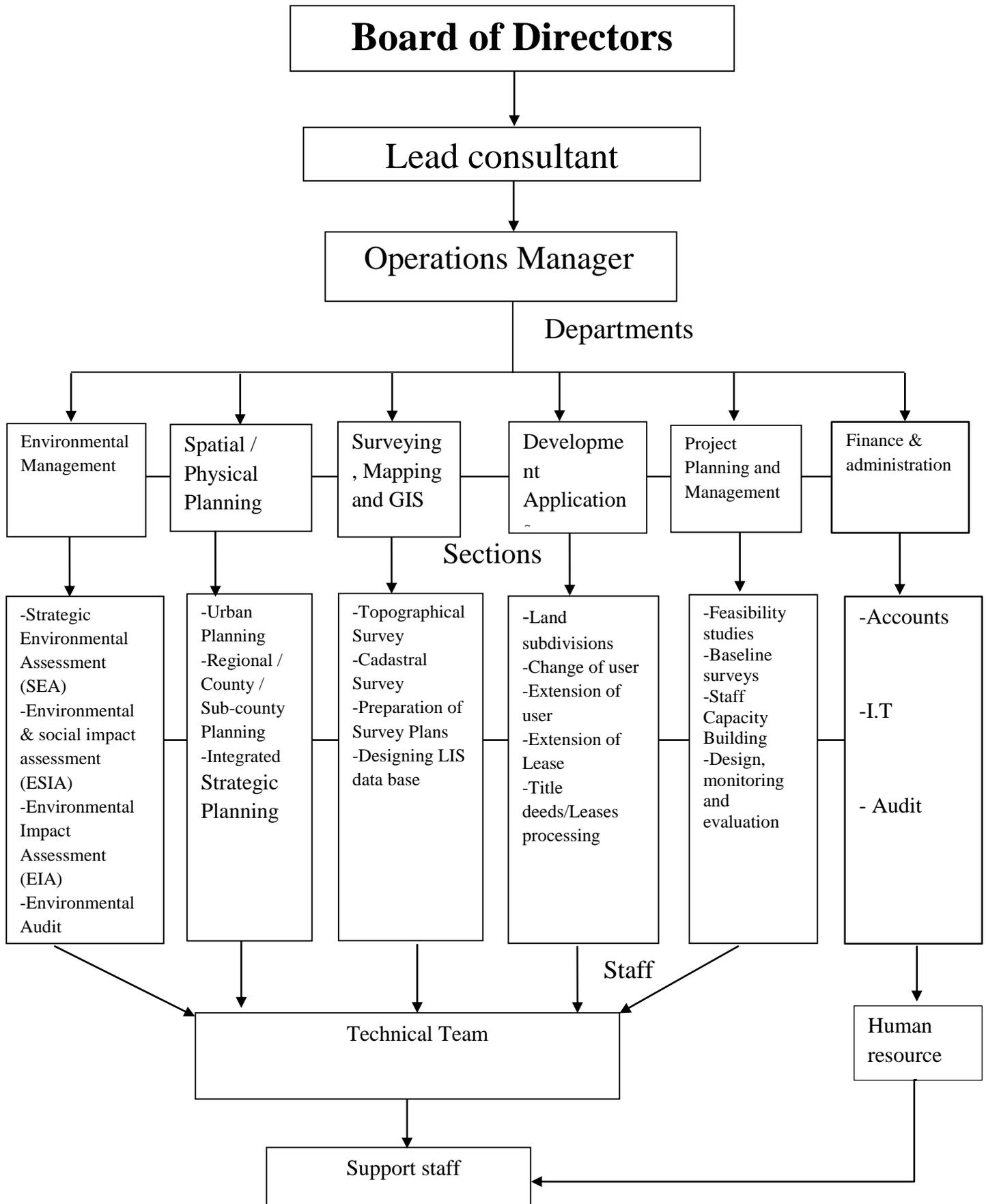
- ❖ To create new values through pragmatic management techniques

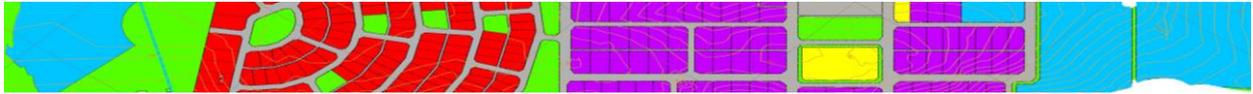
Core values

- Quality
- Efficiency
- Integrity
- Professionalism
- Accountability
- Reliability
- Teamwork



Company's Organizational Chart





KEY DEPARTMENTS

Physical Planning (Spatial Urban and Regional/County/Sub-County Integrated Strategic Development Planning) Department

Spatial planning involves the organization of various land uses and their distribution for human activities and settlements.

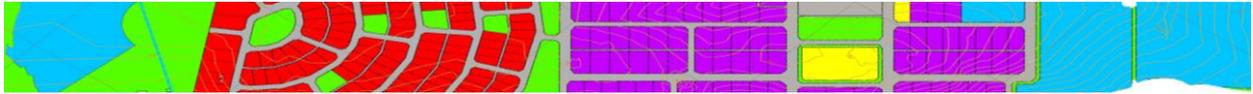
The Spatial Planning department of the firm specializes in provision of physical planning services that seeks to achieve optimal land use while ensuring the availability of infrastructure and services with the appropriate framework to encourage and support service providers and investors. The spatial planning is also aimed at ensuring harmonious development.

This department has the necessary technical skills and capacity to provide consultancy services throughout Kenya in the following fields:

- ❖ Integrated Strategic Urban Plans
- ❖ County Spatial plans
- ❖ Preparation of Master Plans/ Site plans
- ❖ Preparation and processing of Development Applications such as
 - Renewals and Extensions of Leases
 - Change of Use
 - Extension of Use
- ❖ Subdivision of land
- ❖ County integrated development plans
- ❖ Sub- County Integrated Development Plans
- ❖ Development sectoral plans;
- ❖ County Integrated Strategic Regional Plans
- ❖ Sub-County Integrated Strategic Regional Plans

Survey/Digital Topographical Mapping

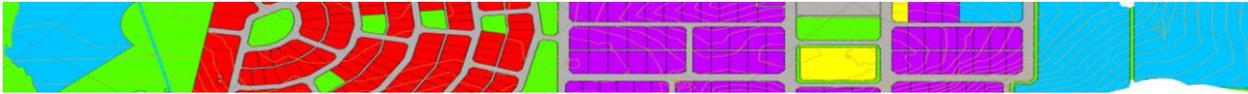
Under this department, we undertake topographical survey, Digital Mapping, cadastral survey and survey of fixed boundaries etc. Generally, this entails identification and mapping of natural features (rivers, valleys, mountains, hills etc), infrastructure and other man-made features and processing of Leases Certificates and Tittle Deeds.



Environmental Management Department

Renaissance Planning Ltd has a team of experts registered with Environmental Institute of Kenya (EIK) and NEMA. It is a mandatory procedure under the Environmental Management and Coordination Act (EMCA) No. 8 of 1999 for developers to compile an Environmental Statement (ES) describing the likely significant effects of the development on the environment and proposed mitigation measures.

This enables environmental factors to be given due weight, alongside economic and social factors, when development projects are being considered. This department undertakes preparation of Environmental and Social Impact Assessment (ESIA), Environmental Impact Assessment (EIA) and Environmental Audit (EA) to our clients which helps to promote a sustainable pattern of physical development and ensuring that development projects are inherently driven by environmental concerns.



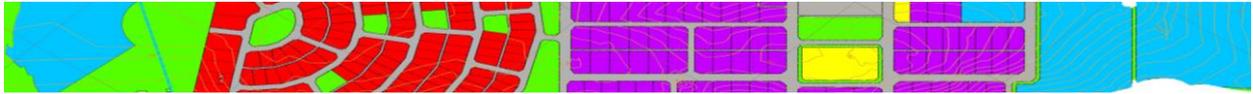
Our Clients

Below are some of our clients;

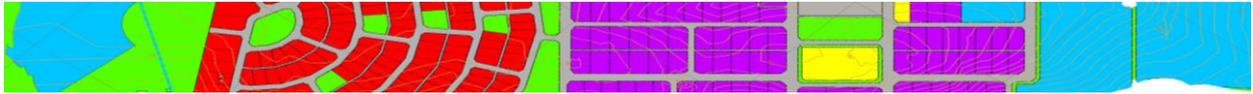
- ❖ Ministry of Transport, Infrastructure, Housing and Urban Development
- ❖ County Government of Meru
- ❖ County Government of Samburu
- ❖ County Government of Machakos
- ❖ County Government of Nakuru
- ❖ Kenya Rural Roads Authority (KeRRA)
- ❖ Ministry of Agriculture (Smaller Holder Horticultural Marketing Programme -SHoMAP)
- ❖ Nkabune Technical Training Institute
- ❖ Meru Technical Training Institute
- ❖ Private Sector (Various Private Institutions, Companies and individuals)



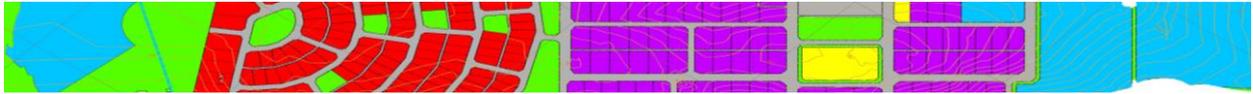
**SOME OF OUR PAST JOBS IN PHYSICAL (SPATIAL)
PLANNING,
SITE/MASTER PLANING**



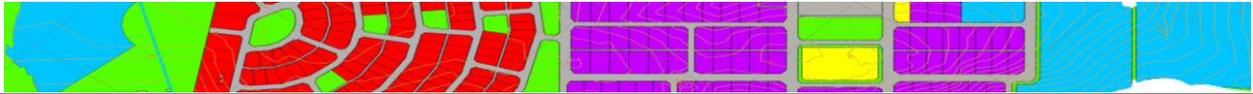
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| Assignment Name: Preparation of Master Plan for comprehensive mixed development covering 100 acres on Land Registration No. 237/2/10 - Limuru | | Country : Kenya |
| Location within Country: Kiambu County | | Professional Staff being provided by our Firm/Entity(profiles): 4 |
| Name of Client: Mr. Mugo Clients contact person for the assignment: Mr. Mugo | | |
| Address: | | No of Staff-Months: 5 Months Duration of Assignment: 2 Months |
| Start Date: September 2015 | Completion Date; October 2015 | Approx. Value of Services (Kshs) 7,500,000 |
| Name of Associated Consultants. If any: None | | No. of Months of Professional Staff provided by Associated Consultants: N/A |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Plan. P Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinating flow of information between the client and the Project Consultants, and ensure timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinating production and reproduction of reports and distribution as per client needs. ❖ Co-ordinating the professional input to the project and support project personnel in all social/financial matters during the project period. ❖ Analysing, identifying and mobilizing the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Managing project timing, work programmes and output delivery by project personnel. ❖ Undertaking project management, monitoring and evaluation | | |
| Narrative Description of project: This project involved establishing of the boundary, generation of contours, base map preparation, zoning, plots subdivision and preparation of the master plan | | |
| Description of Actual Services Provided by our Staff: <ul style="list-style-type: none"> ❖ Reconnaissance survey of the planning area ❖ Boundary delineation and verification ❖ Desktop review of the relevant documents and legislations ❖ Topographical Survey of the planning area ❖ Base map preparation ❖ Data collection ❖ Data analysis and projections ❖ Modelling and preparation of the Master plan ❖ Presentation of the draft Master plan to the client ❖ Amendment and preparation of the draft Master plan taking into consideration the client's comments and views. ❖ Presentation and submission of the final master plan to the client | | |



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| Assignment Name: Preparation of Master Plan for comprehensive mixed development covering 90 acres on Land Registration No. 6207/5 located along the old Nakuru – Mogotio road | | Country : Kenya |
| Location within Country: Nakuru County | | Professional Staff provided by our Firm/Entity(profiles): 4 |
| Name of Client: Chemeron Ltd Clients contact person for the assignment: Surveyor Koech | | |
| Address: P.O. Box 16065- 20100, Nakuru | | No of Staff-Months: 5 Duration of Assignment: 2 |
| Date: March 2017 | Completion Date: April 2017 | Approx. Value of Consultancy Services (Kshs) 6,000,000 |
| Name of Associated Consultants. If any: None | | No. of Months of Professional Staff provided by Associated Consultants: N/A |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Plan. P Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinating flow of information between the client and the Project Consultants, and ensure timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinating production and reproduction of reports and distribution as per client needs. ❖ Co-ordinating the professional input to the project and support project personnel in all social/financial matters during the project period. ❖ Analysing, identifying and mobilizing the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Managing project timing, work programmes and output delivery by project personnel. ❖ Undertaking project management, monitoring and evaluation | | |
| Narrative Description of project: This project involved establishing of the boundary, generation of contours, base map preparation, zoning, plots subdivision and preparation of the master plan | | |
| Description of Actual Services Provided by our Staff: <ul style="list-style-type: none"> ❖ Reconnaissance survey of the planning area ❖ Boundary delineation and verification ❖ Desktop review of the relevant documents and legislations ❖ Topographical Survey of the planning area ❖ Base map preparation ❖ Data collection ❖ Data analysis and projections ❖ Modelling and preparation of the Master plan ❖ Presentation of the draft Master plan to the client ❖ Amendment and preparation of the draft Master plan taking into consideration the clients' comments and views. ❖ Presentation and submission of the final master plan to the client | | |

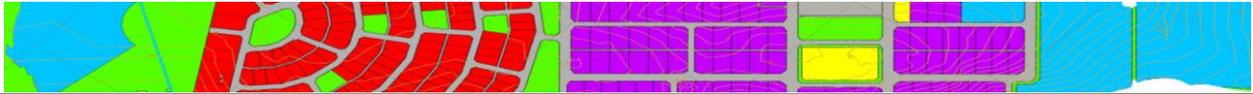


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| Assignment Name: Consultancy Services for GIS based planning and surveying of selected informal settlements in Garissa and Kitui Counties | | Country : Kenya |
| Location within Country: Garissa and Kitui Counties | Professional Staff being provided by our Firm/Entity(profiles): 12 | |
| Name of Client: Ministry of Transport, Infrastructure, Housing and Urban Development: State Department of Housing and Urban Development Clients contact person for the assignment: Antony Kimosop (Project Liaison Officer) | | |
| Address: P.O. Box 30119-00100, Nairobi | No of Staff-Months: 60 Months Duration of Assignment: 12 Months | |
| Start Date: April 2016 | Completion Date; March 2017 | Approx. Value of Services (Kshs) 76,942,869.60 |
| Name of Associated Consultants. If any: None | No. of Months of Professional Staff provided by Associated Consultants: N/A | |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Plan. P Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinating flow of information between the client and the Project Consultants, and ensure timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinating production and reproduction of reports and distribution as per client needs. ❖ Co-ordinating the professional input to the project and support project personnel in all social/financial matters during the project period. ❖ Co-ordinating the identification of the households living in the informal settlements. ❖ Analysing, identifying and mobilizing the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Managing project timing, work programmes and output delivery by project personnel. ❖ Undertaking project management, monitoring and evaluation | | |
| Narrative Description of project: This project involved planning and surveying of Iskadek, Namu Scheme, Bulla Riig, Makhanu and County informal settlements in Garissa County and surveying of Kaango Mosquito informal settlement in Kitui County. The project was managed by Kenya Informal Settlements Improvement Project (KISIP) whose development objective is to improve living conditions in informal settlements in selected Kenyan Counties. It is anchored on the second KISIP component which entails enhancement of tenure security. The total project area was approximately 439 Hectares (Iskadek – 78Ha, Namu Scheme – 66Ha, Bulla Riig – 140Ha, Makhanu Scheme – 121Ha, County Scheme – 27Ha and Kaango Mosquito – 7Ha). | | |

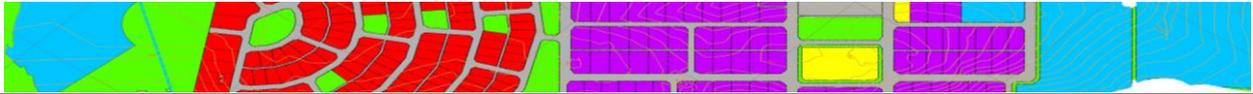


Description of Actual Services Provided by our Staff:

- ❖ **Reconnaissance survey of the project areas**
- ❖ **Boundary delineation and verification**
- ❖ **Desktop review of the relevant documents and legislations**
- ❖ **Stakeholders mobilisation, sensitisation and visioning**
- ❖ **Topographical Survey of the project areas**
- ❖ **Base map preparation**
- ❖ **Socio-economic surveys**
- ❖ **Identification and enumeration of the beneficiaries**
- ❖ **Preparation of the list of beneficiaries**
- ❖ **Issuance of identification documents**
- ❖ **Physical mapping and enumeration of the structures**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the socio-economic survey reports to the stakeholders**
- ❖ **Preparation of Local Physical Development Plans (LPDPs) for the respective informal settlements**
- ❖ **Presentation of the LPDPs to the stakeholders**
- ❖ **Amendment of the draft LPDPs taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final LPDPs to the stakeholders**
- ❖ **Presentation of the final LPDPs to Garissa County Assembly through the Chief Executive Committee member in charge of Planning for adoption**
- ❖ **Submission of the final LPDPs to the Cabinet Secretary; Land and Physical Planning for approval through the Director of Physical Planning**
- ❖ **Cadastral survey of the resultant plots as per the approved LPDPs**
- ❖ **Preparation of survey plans**
- ❖ **Submission of the survey plans to the Director of Surveys for approval**
- ❖ **Preparation of the Land Information System (LIS)**



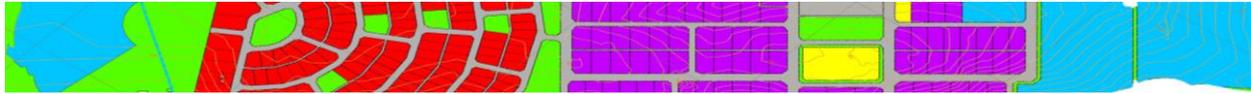
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| Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Urban Development Plan for Nkubu Township and its environs | | Country : Kenya |
| Location within Country: Meru County | Professional Staff being provided by our Firm/Entity(profiles): 12 | |
| Name of Client: County Government of Meru Clients contact person for the assignment: Plan. Elizabeth Mburu (County Director of Physical Planning) | | |
| Address: P.O. Box 120-60200, Meru | No of Staff-Months: 48 Months Duration of Assignment: 10 Months | |
| Start Date: May 2015 | Completion Date; February 2016 | Approx. Value of Services (Kshs) 31,679,020 |
| Name of Associated Consultants. If any: None | No. of Months of Professional Staff provided by Associated Consultants: N/A | |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Plan. P Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated flow of information between the client and the Project Consultants, and ensure timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the professional input to the project and support project personnel in all social/financial matters during the project period. ❖ Co-ordinated the identification of the households living in the informal settlements. ❖ Analysed, identified and mobilized the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Managed project timing, work programmes and output delivery by project personnel. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Nkubu Township and its environs, covering an area of 80 Km². It was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. It also aimed at achieving an orderly, harmonious and sustainable growth of the township and its environs. The project also aimed at improving the informal settlements within the township through planning. | | |



Description of Actual Services Provided by our Staff:

- ❖ **Reconnaissance survey of the planning area**
- ❖ **Boundary delineation and verification**
- ❖ **Desktop review of the relevant documents and legislations**
- ❖ **Stakeholders mobilisation, sensitisation and visioning**
- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders**
- ❖ **Modelling and preparation of the draft Integrated Strategic Development Plans**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**
 - **Preparation of Action Area Plans for the smaller markets within the planning area.**

- ❖ **Presentation of the draft Integrated Strategic Development Plan to the stakeholders**
- ❖ **Amendment and preparation of the draft Integrated Strategic Development Plan taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Integrated Strategic Development Plan to the stakeholders**
- ❖ **Submission of the final Integrated Strategic Development Plan to the client**

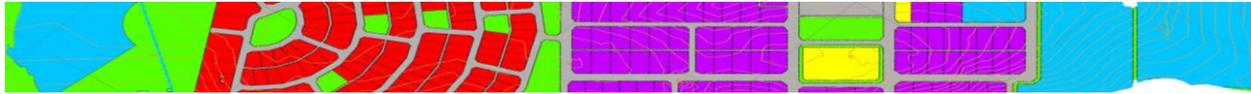


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| Assignment Name: Consultancy Services for Digital Topographical Mapping, Preparation of Integrated Strategic Urban Development Plan and planning informal settlements- Timau Township and Its Environs | | Country : Kenya |
| Location within Country: Meru County | | Professional Staff provided by our Firm/Entity(profiles): 10 |
| Name of Client: County Government of Meru Clients contact person for the assignment: Plan. Musyoka (County Physical Planner) | | |
| Address: P.O. Box 120-60200, Meru | | No of Staff-Months: 60 Months Duration of Assignment: 12 Months |
| Date: 1/09/2014 | Completion Date: 1/08//2015 | Approx. Value of Consultancy Services (Kshs) 43 Million |
| Name of Associated Consultants. If any: None | | No. of Months of Professional Staff provided by Associated Consultants: N/A |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Plan. P Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated flow of information between the client and the Project Consultants, and ensured timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Co-ordinated the identification of the households living in the informal settlements (Riverside, Kongoni and Mukuri). ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Managed project timing, work programmes and output delivery by project personnel. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Timau Township and its environs, covering an area of 100 Km². This was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum standards and regulations for the improvement of the informal settlements within the town. | | |

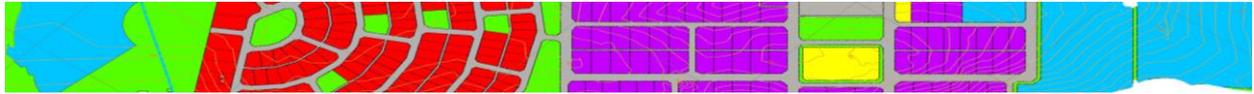


Description of Actual Services Provided by our Staff:

- ❖ **Reconnaissance survey of the planning area**
- ❖ **Boundary delineation and verification**
- ❖ **Desktop review of the relevant documents and legislations**
- ❖ **Stakeholders mobilisation, sensitisation and visioning**
- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders**
- ❖ **Modelling and preparation of the draft Integrated Strategic Development Plans**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**
 - **Preparation of Action Area Plans for the smaller markets within the planning area.**
- ❖ **Presentation of the draft Integrated Strategic Development Plan to the stakeholders**
- ❖ **Amendment and preparation of the draft Integrated Strategic Development Plan taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Integrated Strategic Development Plan to the stakeholders workshop**
- ❖ **Submission of the final Integrated Strategic Development Plan to the client**



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| Assignment Name: Consultancy Services for Digital Topographical Mapping, Preparation of Integrated Strategic Urban Development Plan and planning informal settlement- Nturingwi “A” Township | | Country : Kenya |
| Location within Country: Meru County | | Professional Staff provided by our Firm/Entity(profiles): 9 |
| Name of Client: County Government of Meru Clients contact person for the assignment: Plan. Musyoka-County Physical Planning Officer | | |
| Address: P.O. Box 120-60200, Meru | | No of Staff-Months: 40 Months Duration of Assignment: 7 Months |
| Start Date: April 2014 | Completion Date; November 2014 | Approx. Value of Services (Kshs) 19, 863,515.20 |
| Name of Associated Consultants. If any: None | | No. of Months of Professional Staff provided by Associated Consultants: N/A |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Plan. P Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated flow of information between the client and the Project Consultants, and ensured timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Co-ordinated the identification of the households living in the informal settlements. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Managed project timing, work programmes and output delivery by project personnel. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Nturingwi “A” Township and its environs, covering an area of 30 Km². This was a long term plan aimed at producing a development framework, | | |

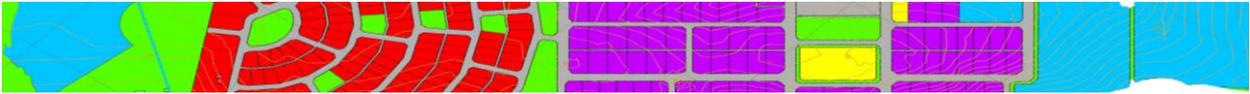


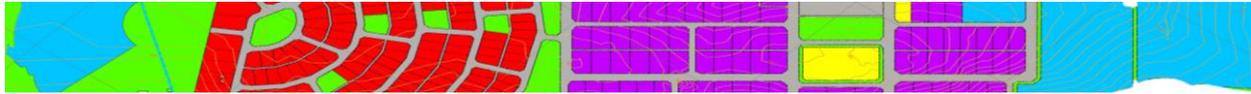
standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum standards and regulations for the improvement of the informal settlements within the township.

Description of Actual Services Provided by our Staff:

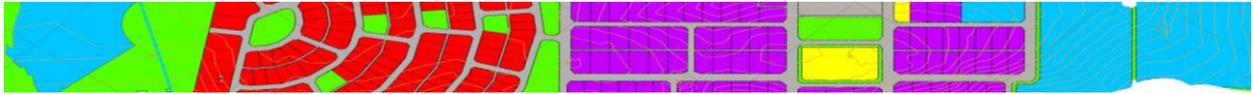
- ❖ **Reconnaissance survey of the planning area**
- ❖ **Boundary delineation and verification**
- ❖ **Desktop review of the relevant documents and legislations**
- ❖ **Stakeholders mobilisation, sensitisation and visioning**
- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders**
- ❖ **Modelling and preparation of the draft Integrated Strategic Development Plans**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**

- ❖ **Presentation of the draft Integrated Strategic Development Plan to the stakeholders in a workshop**
- ❖ **Amendment and preparation of the draft Integrated Strategic Development Plan taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Integrated Strategic Development Plan to the stakeholders**
- ❖ **Submission of the final Integrated Strategic Development Plan to the client**



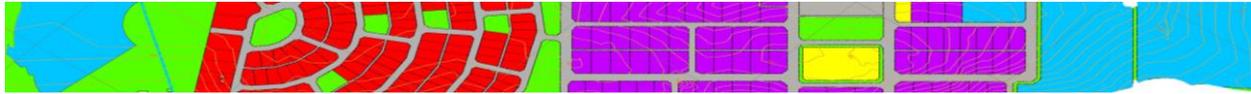


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| Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Local Physical Development Plan for Machakos New Town | | Country: Kenya |
| Location within Country: Machakos County | | Professional Staff provided by our Firm / Entity (profiles): 7 |
| Name of Client: County Government of Machakos Client's contact person for the assignment: Plan. Chege (County Physical Planning Officer) | | |
| Address: P.O. Box, 262-90110 Machakos | | No. of Staff-Months: 40 Months Duration of Assignment: 6 Months |
| Start Date: March 2014 | Completion Date; September 2014 | Approx. Value of Sub-Consultancy Services (Kshs) 15 Million |
| Name of Associated Consultants. If any: GIBB International | | No. of Staff Months of Professional Staff provided by Associated Consultants: 10 |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name: P. Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated the flow of information between the client and the Project Consultants, and ensured timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Co-ordinated production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Managed the project timing, work programmes and output delivery by project personnel. ❖ Coordinated the preparation (Data collection, analysis and preparation) of ESIA (Environmental and Social Impact Assessment Study) ❖ Undertook project management, monitoring and evaluation | | |
| Narrative Description of project: The project involved digital topographical mapping and the preparation of Local Physical Development Plan for the Machakos New Town. These was a long term plan aimed at preventing future planning/development anomalies within the new town and provide a guide to an orderly, harmonious and sustainable growth of all progressive developments of the varied sectors of the new town. It also involved preparation of environmental, transportation, housing and economic improvement strategies. The project also involved preparation of ESIA (Environmental and Social Impact Assessment Study) | | |

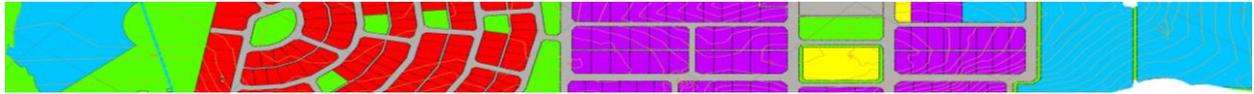


Description of Actual Services Provided by our Staff:

- ❖ **Reconnaissance survey of the planning area**
- ❖ **Boundary delineation and verification**
- ❖ **Desktop review of the relevant documents and legislations**
- ❖ **Stakeholders mobilisation, sensitisation and visioning**
- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders' workshop**
- ❖ **Modelling and preparation of the draft Local Physical Development Plans**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, housing efficiency, economic improvement and advertisement strategies)**
- ❖ **Presentation of the draft Local Physical Development Plan to the stakeholders**
- ❖ **Amendment and preparation of the draft Local Physical Development Plan taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Local Physical Development Plan to the stakeholders**
- ❖ **Submission of the final Local Physical Development Plan to the client**



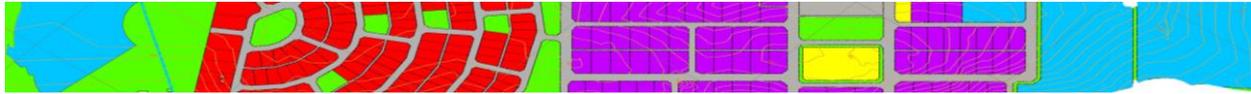
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| Assignment Name: Consultancy Services for Preparation of Local Physical Development Plan and planning informal settlements-Wamba Township | | Country : Kenya |
| Location within Country: Samburu County | | Professional Staff provided by our Firm/Entity(profiles): 8 |
| Name of Client: County Government of Samburu Clients contact person for the assignment: Moses Omondi (County Director of Physical Planning) | | |
| Address: P.O. Box, 3-20600 Maralal | | No of Staff-Months: 48 Months Duration of Assignment: 12 Months |
| Date: 1/09/2014 | Completion Date: 1/08//2015 | Approx. Value of Consultancy Services (Kshs) 19 Million |
| Name of Associated Consultants. If any: None | | No. of Months of Professional Staff provided by Associated Consultants: N/A |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Plan. P Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated the flow of information between the client and the Project Consultants, and ensured timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated the production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the professional input to the project and support project personnel in all social/financial matters that may arise during the project period. ❖ Co-ordinated the identification of the households living in the informal settlements. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Managed the project timing, work programmes and output delivery by project personnel. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative Description of project: This project involved in the preparation of a Local Physical Development Plan for Wamba Township and its environs. This was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum standards and regulations for the improvement of the informal settlements within the township. | | |



Description of Actual Services Provided by our Staff:

- ❖ **Reconnaissance survey of the planning area**
 - ❖ **Boundary delineation and verification**
 - ❖ **Desktop review of the relevant documents and legislations**
 - ❖ **Stakeholders mobilisation, sensitisation and visioning**
 - ❖ **Topographical Survey of the planning area**
 - ❖ **Base map preparation**
 - ❖ **Data collection**
-
- ❖ **Data analysis and projections**
 - ❖ **Preparation and presentation of the situational analysis to the stakeholders**
 - ❖ **Modelling and preparation of the draft Local Physical Development Plan**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**

 - ❖ **Presentation of the draft Local Physical Development Plan to the stakeholders workshop**
 - ❖ **Amendment and preparation of the draft Integrated Strategic Spatial Development Plan taking into consideration the stakeholders comments and views.**
 - ❖ **Presentation of the final Local Physical Development Plan to the stakeholders**
 - ❖ **Submission of the final Local Physical Development Plan to the client**

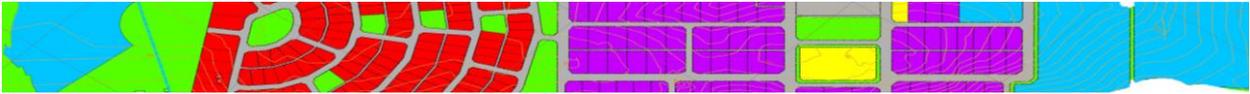


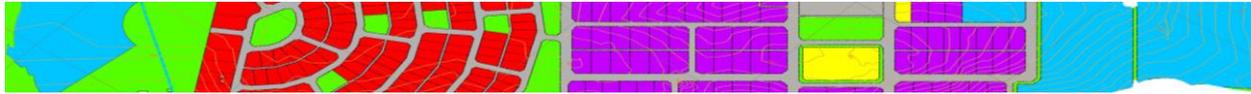
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| Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Urban Development Plan for Archers Post Township | | Country : Kenya |
| Location within Country: Samburu County | | Professional Staff provided by our Firm/Entity(profiles): 8 |
| Name of Client: County Government of Samburu Clients contact person for the assignment: Moses Omondi (County Director of Physical Planning) | | |
| Address: P.O. Box 3-20600 Maralal | | No of Staff-Months: 40 Months Duration of Assignment: 8 Months |
| Start Date: July 2015 | Completion Date; February 2016 | Approx. Value of Consultancy Services (Kshs) 14,855,656 |
| Name of Associated Consultants. If any: NONE | | No. of Months of Professional Staff provided by Associated Consultants: N/A |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name: Plan. P. Mutuma Mbui (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated the flow of information between the client and the Project Consultants, and ensured timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Co-ordinated the production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the identification of the households living in the informal settlements. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Managed the project timing, work programmes and output delivery by project personnel. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Archers Post Township. This was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. It was also aimed at achieving an orderly, harmonious and sustainable growth of the township. | | |



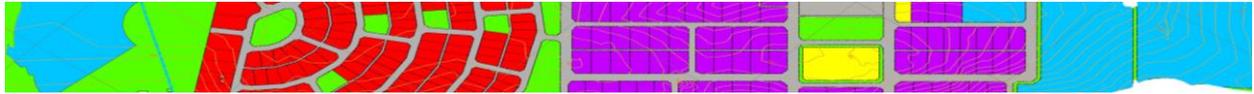
Description of Actual Services Provided by our Staff:

- ❖ **Reconnaissance survey of the planning area**
- ❖ **Boundary delineation and verification**
- ❖ **Desktop review of the relevant documents and legislations**
- ❖ **Stakeholders mobilisation, sensitisation and visioning**
- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders**
- ❖ **Modelling and preparation of the draft Integrated Strategic Spatial Development Plans**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**
- ❖ **Presentation of the draft Integrated Strategic Development Plan to the stakeholders**
- ❖ **Amendment and preparation of the draft Integrated Strategic Development Plan taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Integrated Strategic Development Plan to the stakeholders workshop**
- ❖ **Submission of the final Integrated Strategic Development Plan to the client**





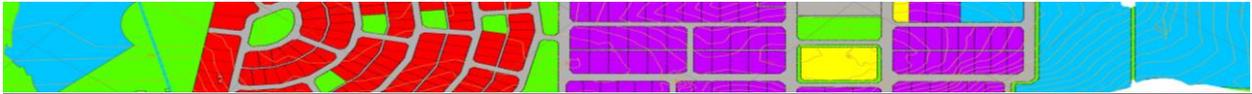
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| Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Urban Development Plan for Nakuru, Naivasha and Nyeri Towns | | Country : Kenya |
| Location within Country: Nakuru and Nyeri Counties | | Professional Staff provided by our firm Firm/Entity(profiles): 4 |
| Name of Client: County Governments of Nakuru and Nyeri Clients contact person for the assignment: Planner Ambwere | | |
| Address: P.O. Box 180-10100, Nyeri P.O BOX 124-20100, Nakuru | | No. of Staff-Months; 72 Months Duration of Assignment: 12 Months |
| Start Date: April 2014 | Completion Date; April 2015 | Approx. Value of Sub-Consultancy Services (Kshs) 12 million |
| Name of Associated Consultants. If any: Real Plan Consultants | | No. of Months of Professional Staff provided by Associated Consultants: 48 |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Prof. Johnstone Kiamba (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated the flow of information between the client and the Project Consultants, and ensured timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated the production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Co-ordinated the identification of the households living in the informal settlements. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Managed the project timing, work programmes and output delivery by project personnel. | | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Nakuru, Naivasha and Nyeri towns. This was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum standards and regulations for the improvement of the informal settlements within the towns. | | |
| Description of Actual Services Provided by our Staff: <ul style="list-style-type: none"> ❖ Reconnaissance survey of the planning area ❖ Boundary delineation and verification ❖ Desktop review of the relevant documents and legislations ❖ Stakeholders mobilisation, sensitisation and visioning ❖ Topographical Survey of the planning area ❖ Base map preparation ❖ Data collection | | |



- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders**
- ❖ **Modelling and preparation of the draft Integrated Strategic Development Plans**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**
 - **Preparation of Action Area Plans for the smaller markets within the planning areas.**

- ❖ **Presentation of the draft Integrated Strategic Development Plans to the stakeholders**
- ❖ **Amendment and preparation of the draft Integrated Strategic Development Plans taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Integrated Strategic Development Plans to the stakeholders**
- ❖ **Submission of the final Integrated Strategic Development Plans to the client**

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| Assignment Name: Consultancy Services for Digital Topographical Mapping, Preparation of Integrated Strategic Urban Development Plan and planning informal settlements(Mjini, Majengo, Shauri-Yako and Salama)-Meru Town and Its Environs | Country : Kenya |
| Location within Country: Meru County | Professional Staff provided by our Firm/Entity(profiles): 4 |
| Name of Client: Office of the Deputy Prime Minister and Ministry of Local Government Clients contact person for the assignment: Mr. Mungania - Urban Development Department | |
| Address: P.O. Box 30004-00100, Nairobi | No of Staff-Months; 96 Months Duration of Assignment: 18 Months |
| Start Date: 27/6/2011 Completion Date; 27/12/2012 | Approx. Value of Sub-Consultancy Services (Kshs) 5 Million |
| Name of Associated Consultants. If any: Real Plan Consultants | No. of Months of Professional Staff provided by Associated Consultants: 80 |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Prof. Johnstone Kiamba (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated the flow of information between the client and the Project Consultants, and ensured timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Co-ordinated the production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the identification of the households living in informal settlements. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Managed the project timing, work programmes and output delivery by project personnel. | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Meru town and its environs. This was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum standards and regulations for the improvement of the informal settlements within the towns. | |



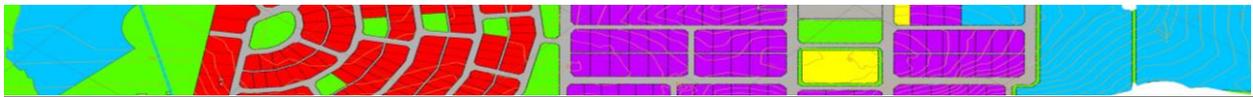
Description of Actual Services Provided by our Staff:

- ❖ **Reconnaissance survey of the planning area**
- ❖ **Boundary delineation and verification**
- ❖ **Desktop review of the relevant documents and legislations**
- ❖ **Stakeholders mobilisation, sensitisation and visioning**
- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders**
- ❖ **Modelling and preparation of the draft Integrated Strategic Development Plan**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**
 - **Preparation of Action Area Plans for the smaller markets within the planning area.**

- ❖ **Presentation of the draft Integrated Strategic Development Plan to the stakeholders**
- ❖ **Amendment and preparation of the draft Integrated Strategic Development Plan taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Integrated Strategic Development Plan to the stakeholders**
- ❖ **Submission of the final Integrated Strategic Development Plan to the client**

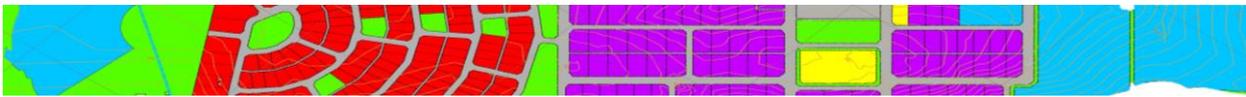


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| Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Regional and Urban Development (Spatial) Plans for Marakwet Sub- County. | | Country : Kenya |
| Location within Country: Marakwet Sub-County | | Professional Staff provided by our Firm/Entity(profiles): 4 |
| Name of Client: Office of the Deputy Prime Minister and Ministry of Local Government Clients contact person for the assignment: Mr. Ambwere - Urban Development Department | | |
| Address: P.O. Box 30004-00100, Nairobi. | | No. of Staff-Months; 120 Months Duration of Assignment: 24 Months |
| Start Date: March 2012 | Completion Date; March 2014 | Approx. Value of Sub-Consultancy Services (Kshs) 5 Million |
| Name of Associated Consultants. If any: Real Plan Consultants | | No. of Months of Professional Staff provided by Associated Consultants: 100 |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Prof. Johnstone Kiamba (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated the flow of information between the client and the Project Consultants, and ensure timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Co-ordinated the identification of the households living in informal settlements. ❖ Co-ordinated production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Managed the project timing, work programmes and output delivery by project personnel | | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Marakwet town. This was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum standards and regulations for the improvement of the informal settlements within the town. | | |

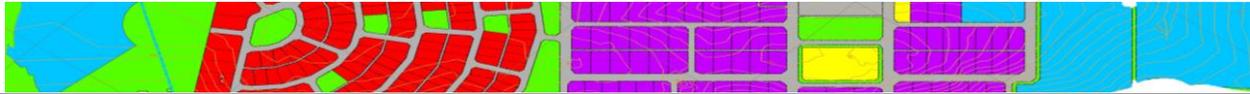


Description of Actual Services Provided by our Staff:

- ❖ **Reconnaissance survey of the planning area**
- ❖ **Boundary delineation and verification**
- ❖ **Desktop review of the relevant documents and legislations**
- ❖ **Stakeholders mobilisation, sensitisation and visioning**
- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Presentation of the situational analysis to the stakeholders' workshop**
- ❖ **Modelling and preparation of the draft Integrated Strategic Spatial Development Plans**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**
 - **Preparation of Action Area Plans for the smaller markets within the planning area.**
- ❖ **Presentation of the draft Integrated Strategic Development Plan to the stakeholders**
- ❖ **Amendment and preparation of the draft Integrated Strategic Development Plan taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Integrated Strategic Development Plan to the stakeholders workshop**
- ❖ **Submission of the final Integrated Strategic Development Plan to the client.**



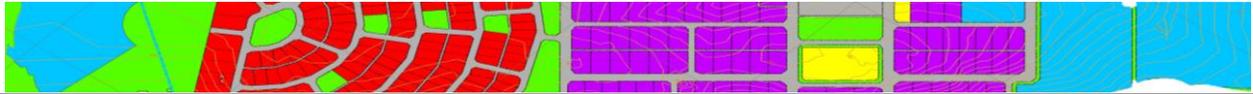
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| Assignment Name: Consultancy Services for Digital Topographical Mapping, Preparation of Integrated Strategic Urban Development (Spatial) Plan and planning informal settlements-Mtwapa Township | | Country : Kenya |
| Location within Country: Kilifi County | | Professional Staff provided by our Firm/Entity(profiles): 4 |
| Name of Client: Office of the Deputy Prime Minister and Ministry of Local Government Clients contact person for the assignment: Mr. Mungania - Urban Development Department | | |
| Address: P.O. Box 30004-00100, Nairobi | | No. of Staff-Months; 96 Months Duration of Assignment: 18 Months |
| Start Date: Date; Jan 2009 | Completion June 2010 | Approx. Value of Sub-Consultancy Services (Kshs) 4 million |
| Name of Associated Consultants. If any: Real Plan Consultants | | No. of Months of Professional Staff provided by Associated Consultants: 80 |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Prof. Johnstone Kiamba (Project Director) | | |
| <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated the flow of information between the client and the Project Consultants, and ensured timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Co-ordinated the production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the identification of the households living in informal settlements. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Managed the project timing, work programmes and output delivery by project personnel. | | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Mtwapa town. This was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum standards and regulations for the improvement of the informal settlements within the towns. | | |



Description of Actual Services Provided by our Staff:

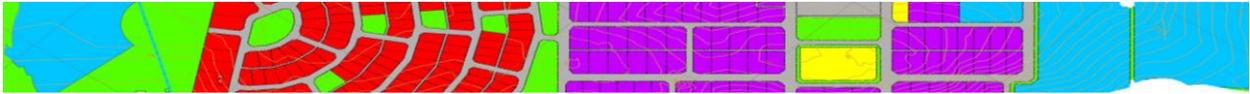
- ❖ **Reconnaissance survey of the planning area**
 - ❖ **Boundary delineation and verification**
 - ❖ **Desktop review of the relevant documents and legislations**
 - ❖ **Stakeholders mobilisation, sensitisation and visioning**
 - ❖ **Topographical Survey of the planning area**
 - ❖ **Base map preparation**
-
- ❖ **Data collection**
 - ❖ **Data analysis and projections**
 - ❖ **Presentation of the situational analysis to the stakeholders**
 - ❖ **Modelling and preparation of the draft Integrated Strategic Development Plan**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**
 - **Preparation of Action Area Plans for the smaller markets within the planning area.**
 - ❖ **Presentation of the draft Integrated Strategic Development Plan to the stakeholders workshop**
 - ❖ **Amendment and preparation of the draft Integrated Strategic Development Plan taking into consideration the stakeholders comments and views.**
 - ❖ **Presentation of the final Integrated Strategic Development Plan to the stakeholders**
 - ❖ **Submission of the final Integrated Strategic Development Plan to the client**

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| Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Regional and Urban Development (Spatial) Plans for Wajir County | | Country : Kenya |
| Location within Country: Wajir County | | Professional Staff provided by our Firm/Entity(profiles): 4 |
| Name of Client: Office of the Deputy Prime Minister and Ministry of Local Government Clients contact person for the assignment: Mr. Kibe - Urban Development Department | | |
| Address: P.O. Box 30004-00100, Nairobi. | | No. of Staff-Months; 120 Months Duration of Assignment: 24 Months |
| Start Date: 23/4/2012 | Completion Date; 23/4/2014 | Approx. Value of Sub-Consultancy Services (Kshs): 6 Million |
| Name of Associated Consultants. If any: Real Plan Consultants | | No. of Months of Professional staff provided by Associated Consultants: 100 |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Name; Prof. Johnstone Kiamba (Project Director) <u>Functions performed:</u> <ul style="list-style-type: none"> ❖ Co-ordinated the flow of information between the client and the Project Consultants, and ensure timely delivery of project reports as stipulated in the contract agreement. ❖ Co-ordinated the analysis, identification and mobilization of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Co-ordinated the identification of the households living in informal settlements. ❖ Co-ordinated production and reproduction of reports and distribution as per client needs. ❖ Co-ordinated the professional input to the project and supported project personnel in all social/financial matters during the project period. ❖ Managed the project timing, work programmes and output delivery by project personnel. | | |
| Narrative Description of project: This project involved digital topographical mapping and the preparation of an Integrated Strategic Urban Development Plan for Wajir town. This was a long term plan aimed at producing a development framework, standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum standards and regulations for the improvement of the informal settlements within the towns. | | |
| Description of Actual Services Provided by our Staff: <ul style="list-style-type: none"> ❖ Reconnaissance survey of the planning area ❖ Boundary delineation and verification ❖ Desktop review of the relevant documents and legislations ❖ Stakeholders mobilisation, sensitisation and visioning | | |

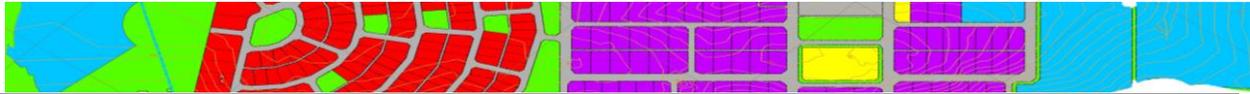


- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders**
- ❖ **Modelling and preparation of the draft Integrated Strategic Development Plan**
 - **Preparation of sectoral improvement plans (transportation efficiency, environmental conservation, informal settlements upgrading strategies and relocation action plans, housing efficiency, economic improvement and advertisement strategies)**
 - **Preparation of Action Area Plans for the smaller markets within the planning area.**

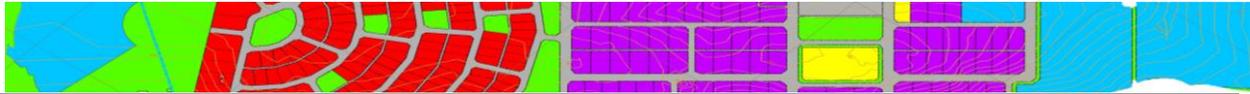
- ❖ **Presentation of the draft Integrated Strategic Development Plan to the stakeholders**
- ❖ **Amendment and preparation of the draft Integrated Strategic Development Plan taking into consideration the stakeholders comments and views.**
- ❖ **Presentation of the final Integrated Strategic Development Plan to the stakeholders**
- ❖ **Submission of the final Integrated Strategic Development Plan to the client**



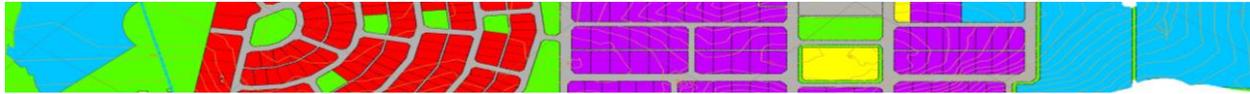
**SOME OF OUR PAST ENVIRONMENTAL MANAGEMENT
RELATED JOBS (ESIA AND EIA)**



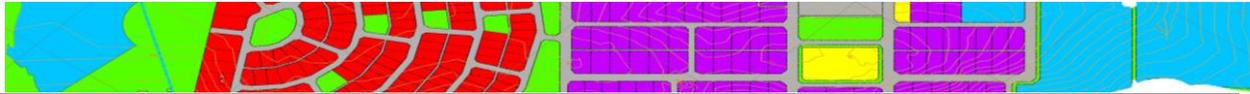
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|---|--|--|
| Assignment Name: Environmental and Social Impact Assessment Study of Kamatira-Cheptongei road project | | Country: Kenya |
| Location within Country: West Pokot County | | Professional Staff Provided by Our Firm: 5 |
| Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi. | | No of Staff Months: 5 Months |
| | | Duration of assignment: 3 Months |
| Start Date : December 2016 | Completion Date: February 2017 | Approx. Value of services of Kshs. 3,000,641.60 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions: <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative description of project: The project involved Environmental and Social Impact Assessment for the upgrading of Kamatira-Cheptongei road to bitumen standard. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects. | | |
| Description of services offered by our staff: <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



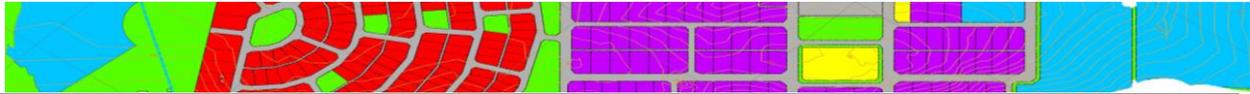
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| Assignment Name: Environmental and Social Impact Assessment Study of JNCT A104-Drys-Ainabkoi-Kapchorwa-Naiberi road project | | Country: Kenya |
| Location within Country: Uasin Gishu County | | Professional Staff Provided by Our Firm: 5 |
| Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi. | | No of Staff Months: 5 Months |
| | | Duration of assignment: 3 Months |
| Start Date : December 2016 | Completion Date: February 2017 | Approx. Value of services of Kshs. 2,974,458.08 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| <p>Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions:</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment upgrading of JNCT A104-Drys-Ainabkoi-Kapchorwa-Naiberi road to bitumen standard. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects.</p> | | |
| <p>Description of services offered by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



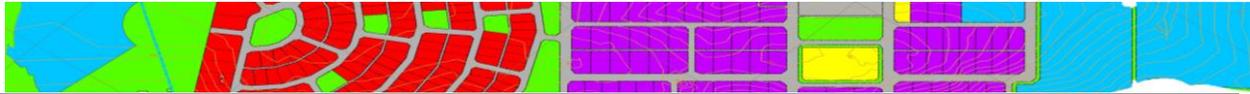
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| Assignment Name: Environmental and Social Impact Assessment Study for Mogotio-Mugurin-Lake Bogoria-Marigat road project | | Country: Kenya |
| Location within Country: Baringo County | | Professional Staff Provided by Our Firm: 5 |
| Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi. | | No of Staff Months: 5 Months |
| | | Duration of assignment: 3 Month |
| Start Date : February 2017 | Completion Date: April 2017 | Approx. Value of services of Kshs. 2,966,648.96 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions: <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative description of project: The project involved Environmental and Social Impact Assessment for the upgrading of Mogotio-Mugurin-Lake Bogoria-Marigat road to bitumen standard. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects. | | |
| Description of services offered by our staff: <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



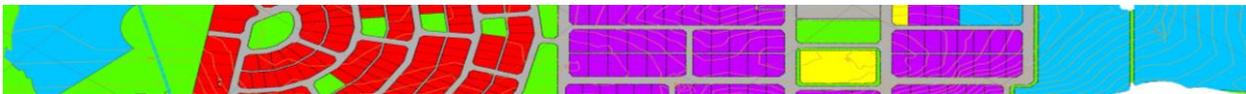
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| Assignment Name: Environmental and Social Impact Assessment Study Mariakani-Bamba and Kilifi-Kiwandani road project | | Country: Kenya |
| Location within Country: Kilifi County | | Professional Staff Provided by Our Firm: 4 |
| Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi. | | No of Staff Months: 4 months |
| | | Duration of assignment: 2 month |
| Start Date : April 2017 | Completion Date: May 2017 (On going) | Approx. Value of services of Kshs. 3,413,300 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| <p>Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions:</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment for the upgrading Mariakani-Bamba and Kilifi – Kiwandani road to bitumen standard. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects.</p> | | |
| <p>Description of services offered by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



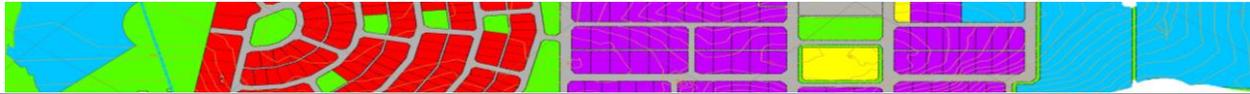
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| Assignment Name: Environmental and Social Impact Assessment Study Kisima-Kibirichia-Kiirua-Ruiri road project | | Country: Kenya |
| Location within Country: Meru County | | Professional Staff Provided by Our Firm: 4 |
| Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi. | | No of Staff Months: 4 months |
| | | Duration of assignment: 2 month |
| Start Date : April 2017 | Completion Date: June 2017 (On going) | Approx. Value of services of Kshs. 2,883,760.00 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions: <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative description of project: The project involved Environmental and Social Impact Assessment for the upgrading Kisima-Kibirichia-Kiirua-Ruiri road to bitumen standard. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects. | | |
| Description of services offered by our staff: <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



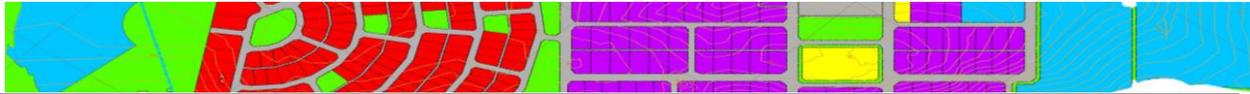
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| Assignment Name: Environmental and Social Impact Assessment Study of Lot 2 road projects (Six (6) roads) | | Country: Kenya |
| Location within Country: Kiambu County | | Professional Staff Provided by Our Firm: 5 |
| Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi. | | No of Staff Months: 6 Months |
| | | Duration of assignment: 4 Month |
| Start Date : April 2017 | Completion Date: June 2017 (On going) | Approx. Value of services of Kshs. 4,792,273.20 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions: <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative description of project: The project involved Environmental and Social Impact Assessment for the upgrading of Lot 2 (six (6) roads) road projects to bitumen standard. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects. | | |
| Description of services offered by our staff: <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



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| Assignment Name: Environmental and Social Impact Assessment Study for the Tarmacking of Maua- Mikinduri Road | | Country: Kenya |
| Location within Country: Meru County | | Professional Staff Provided by Our Firm: 4 |
| Name of client: Mulji and Brothers Civil Engineering Contractors, P.O. Box 82261-80100, Mombasa. | | N ^o of Staff Months: 3 Months |
| | | Duration of assignment: 2 Months |
| Start Date (Month/Year): March 2010 | Completion Date (Month/Year) April 2010 | Approx. Value of Service of Kshs 1, 200,000 |
| Name of associated consultant: None | | No of Months of professional staff provided by associated firm(s): N/A |
| <p>Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions:</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment for the tarmacking of Maua-Mikinduri road. The main objective of the project was to evaluate the project's impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects.</p> | | |
| <p>Description of actual services provided by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder's forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



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| Assignment Name: Environmental and Social Impact Assessment Study for the Improvement of Lukenya and Kyumbi Roads | | Country: Kenya |
| Location within Country: Mavoko Sub-County | | Professional Staff Provided by Our Firm: 4 |
| Name of client: Greencraft Construction Co. Ltd P.O.BOX 2924 – 00200, Nairobi | | No of Staff Months: 3 Months |
| | | Duration of assignment: 2 Months |
| Start Date : February 2012 | Completion Date : March 2012 | Approx. Value of Service of Kshs. 850,000 |
| Name of associated consultant: None | | N ^o of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| <p>Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director)</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment for the major improvement of Lukenya and Kyumbi roads. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposed road project and propose mitigation measures on adverse effects.</p> | | |
| <p>Description of actual services provided by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



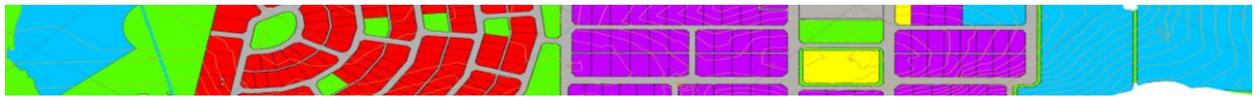
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| Assignment Name: Environmental and Social Impact Assessment Study for the Improvement of Chuka Municipality Roads | | Country: Kenya |
| Location within Country: Tharaka Nithi County | | Professional Staff Provided by Our Firm: 4 |
| Name of client: Greencraft Construction Co. Ltd P.O.BOX 2924 – 00200, Nairobi | | No of Staff Months: 3 Months |
| | | Duration of assignment: 2 Months |
| Start Date : February 2012 | Completion Date: March 2012 | Approx. Value of services of Kshs 820,000 |
| Name of associated consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| <p>Name of Senior Staff involved and functions performed: Name : P. Mutuma Mbui (Project Director) Functions:</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment for the improvement of Chuka Municipality roads. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposing project and propose mitigation measures on adverse effects.</p> | | |
| <p>Descriptions of services provided by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



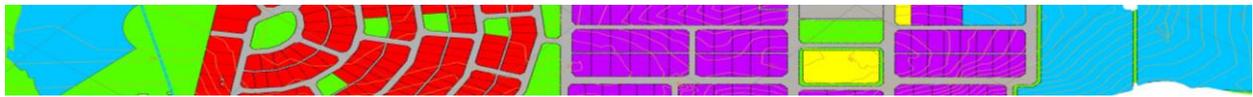
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| Assignment Name: Environmental and Social Impact Assessment Study for the proposed Gitugu Bridge | | Country: Kenya |
| Location within Country: Meru County | | Professional Staff Provided by Our Firm: 3 |
| Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 351-20100 Nakuru. | | No of Staff Months: 2.5 Months |
| | | Duration of assignment: 1 Month |
| Start Date March 2014 | Completion Date : March 2014 | Approx. Value of services of Kshs 650,000 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| <p>Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions:</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment for the construction of Gitugu bridge. The main objective of the project was to evaluate the project’s impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects.</p> | | |
| <p>Description of services offered by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder’s forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



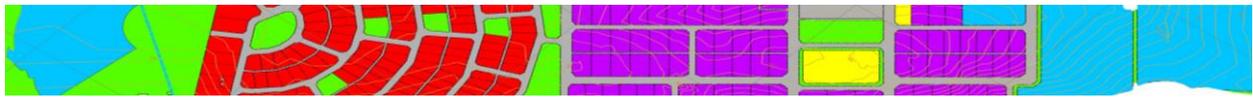
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| Assignment Name: Environmental and Social Impact Assessment Study for the proposed Karaene-Muuti Bridge | | Country: Kenya |
| Location within Country: Meru County | | Professional Staff Provided by Our Firm: 3 |
| Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 351-20100 Nakuru. | | No of Staff Months: 2.5 Months |
| | | Duration of assignment: 1 Month |
| Start Date : January 2015 | Completion Date: January 2015 | Approx. Value of services of Kshs. 639,690 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| <p>Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions:</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment for the construction of Gitugu bridge. The main objective of the project was to evaluate the project's impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects.</p> | | |
| <p>Description of services offered by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder's forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



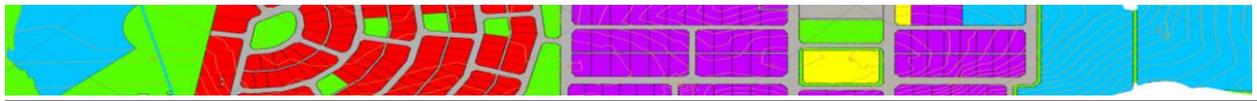
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| Assignment Name: Environmental and Social Impact Assessment Study for the proposed Kibugu Open Air Market Improvement | | Country: Kenya |
| Location within Country: Embu County | | Professional Staff Provided by Our Firm: 4 |
| Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 351-20100 Nakuru. | | No. of Staff Months: 3 Months |
| | | Duration of assignment: 2 Months |
| Start Date : February 2014 | Completion Date: March 2014 | Approx. Value of services of Kshs. 850,000 |
| Name of Associated Consultant: None | | No of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| <p>Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions:</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment of the construction of Kibugu Open Air Market. The main objective of the project was to evaluate the project's impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects.</p> | | |
| <p>Description of services offered by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder's forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



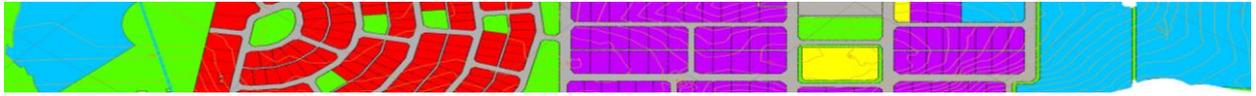
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| Assignment Name: Environmental and Social Impact Assessment Study for the Proposed Construction of Maara Horticulture Market | | Country: Kenya |
| Location within Country: Tharaka Nithi County | | Professional Staff Provided by Our Firm: 3 |
| Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 351-20100 Nakuru. | | No. of Staff Months 2.5 Months |
| | | Duration of assignment: 1 month |
| Start Date : April 2014 | Completion Date: April 2014 | Approx. Value of services of KSh.780,000 |
| Name of Associated Consultant: None | | No. of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| <p>Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions:</p> <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| <p>Narrative description of project: The project involved Environmental and Social Impact Assessment for the Construction of Maara Horticulture Market. The main objective of the project was to evaluate the project's impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects.</p> | | |
| <p>Description of services offered by our staff:</p> <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder's forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



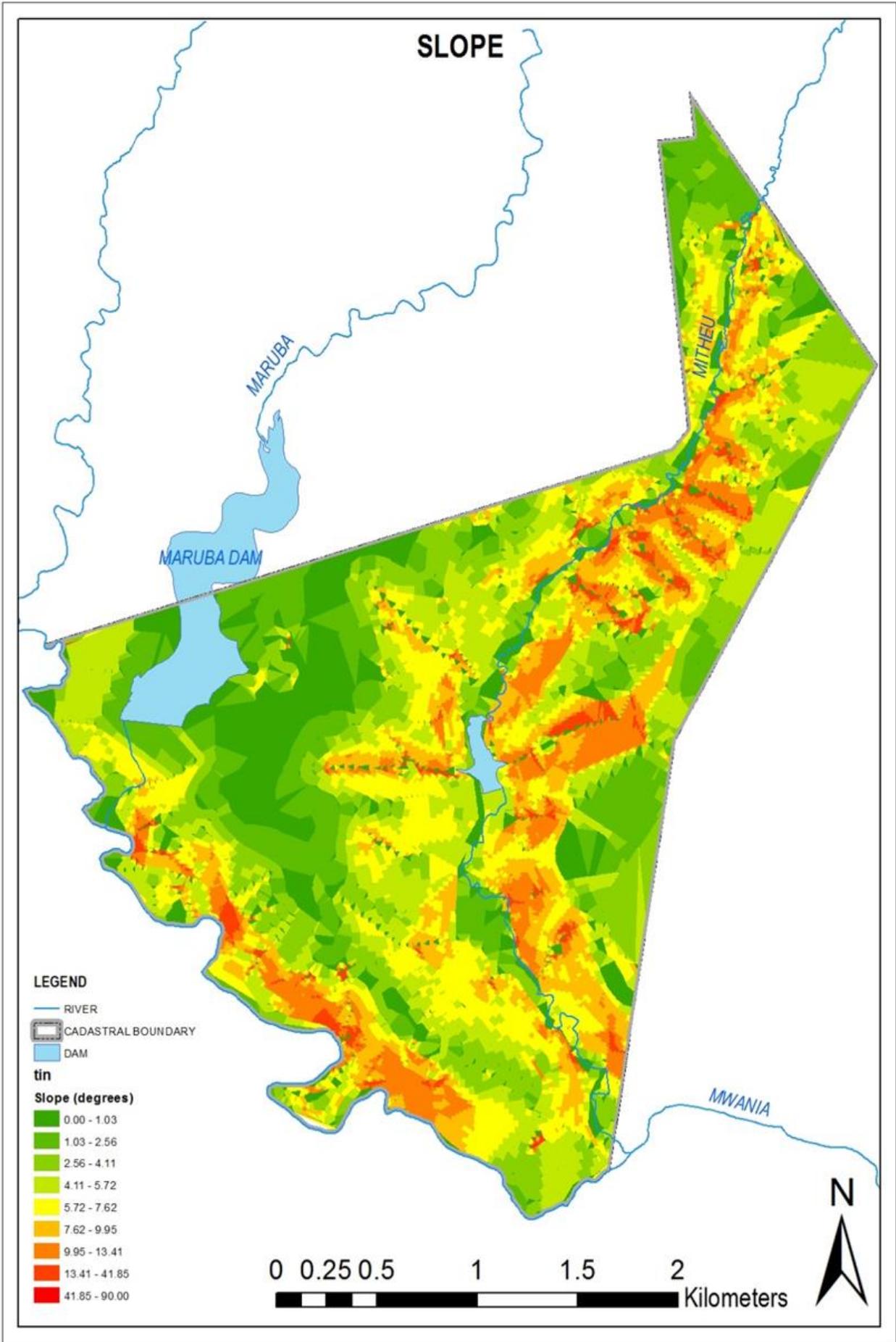
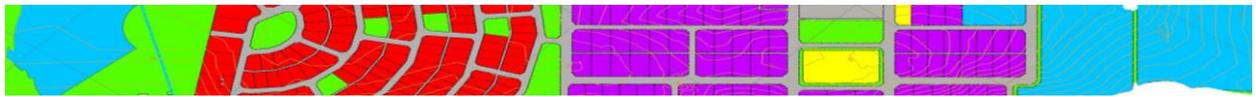
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| Assignment Name: Environmental and Social Impact Assessment study for the Proposed Construction of Ruamugaki Collection Shed | | Country: Kenya |
| Location within Country: Meru County | | Professional Staff Provided by Our Firm: 3 |
| Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 351-20100 Nakuru. | | No. of Staff months: 2.5 Months |
| | | Duration of assignment: 1 Month |
| Start Date: May 2014 | Completion Date: May 2014 | Approx. Value of Services of Kshs. 890,500 |
| Name of Associated Consultant: None | | No. of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions: <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative description of project: The project involved Environmental and Social Impact Assessment for the Construction of Ruamugaki Collection Shed. The main objective of the project was to evaluate the project's impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects. | | |
| Description of services offered by our staff: <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder's forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |

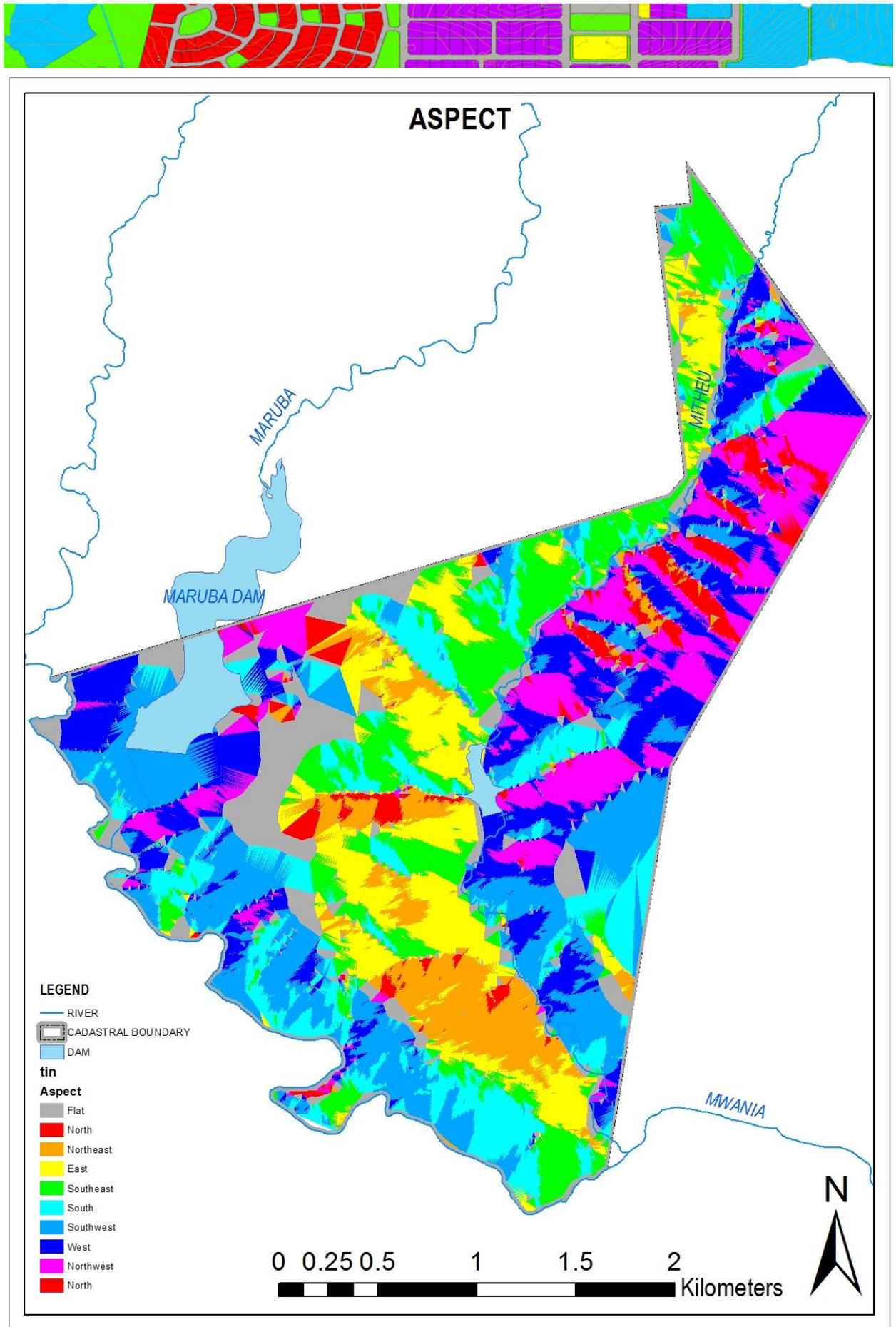


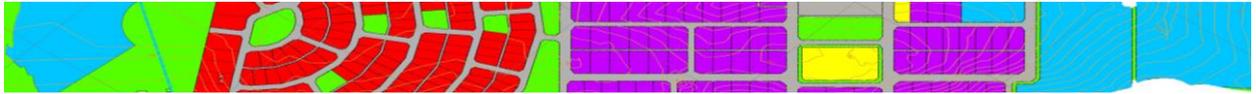
| | | |
|--|------------------------------------|---|
| Assignment Name: Environmental and Social Impact Assessment Study for the proposed Construction of Serem Horticultural Market | | Country: Kenya |
| Location within Country: Nandi County | | Professional Staff Provided by Our Firm: 4 |
| Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 351-20100 Nakuru. | | No. of Staff Months: 3 Months |
| | | Duration of assignment: 2 Months |
| Start Date: March 2014 | Completion Date: April 2014 | Approx. Value of Service of Kshs. 950,000 |
| Name of Associated Consultant: None | | No. of Staff Months of Professional Staff Provided by Associated Firm: N/A |
| (Month/Year): | | |
| Name of Senior Staff involved and functions performed: Name: P. Mutuma Mbui (Project Director) Functions: <ul style="list-style-type: none"> ❖ Acted as the link between the consultant & the client. ❖ Coordinated all technical experts involved in the project. ❖ Responsible for ensuring the timely delivery of expected deliverables. ❖ Responsible for ensuring compliance with the stipulated quality and standards as per the agreement. ❖ Coordinated analysis, identification and mobilisation of the relevant stakeholders to ensure effective stakeholders participatory process. ❖ Undertook project management, monitoring and evaluation | | |
| Narrative description of project: The project involved Environmental and Social Impact Assessment for Construction of Serem Horticultural Market. The main objective of the project was to evaluate the project's impact on the environmental, socio-economic and cultural aspects of the proposed project and proposing mitigation measures on adverse effects. | | |
| Description of services offered by our staff: <ul style="list-style-type: none"> ❖ Desktop reviews ❖ Reconnaissance survey ❖ Stakeholders identification ❖ Holding of the stakeholder's forums ❖ Focus Group Discussions ❖ Interviews with key informants ❖ Preparation & submission of inception report ❖ Data collection on environment, social, economic and cultural aspects ❖ Data analysis on environmental, social, economic and cultural aspects ❖ Evaluation of alternative models ❖ Preparation of draft ESIA Study Report ❖ Preparation of Final ESIA Study Report | | |



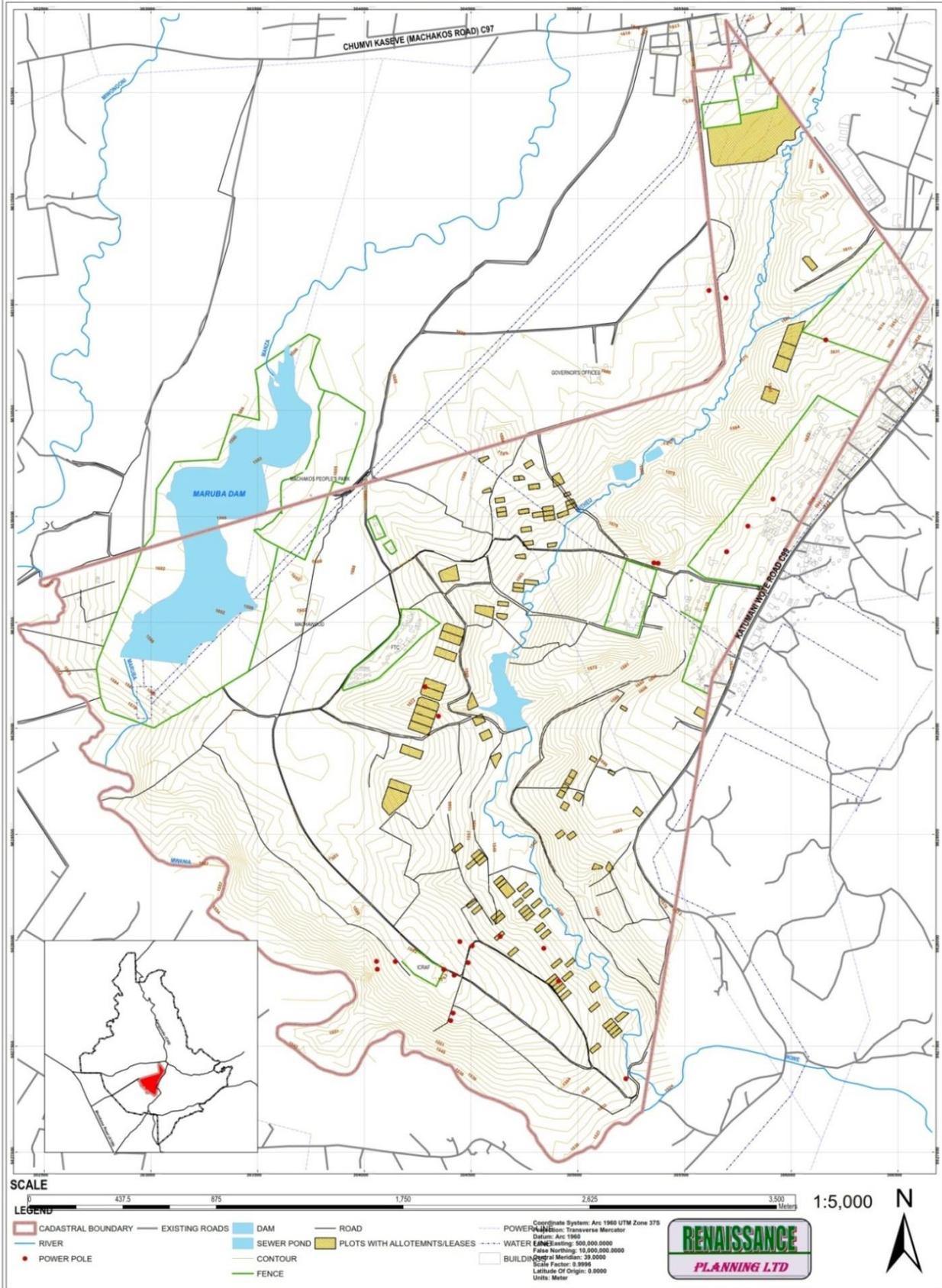
DIGITAL TOPOGRAPHICAL MAPPING AND PREPARATION OF SPATIAL DEVELOPMENT PLAN FOR MACHAKOS NEW CITY - DESIGN OUTPUTS

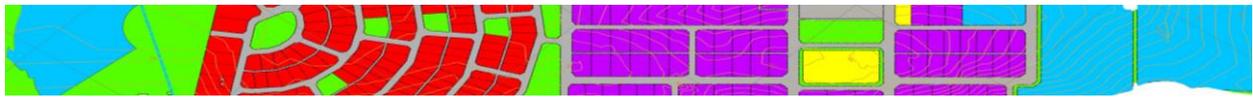




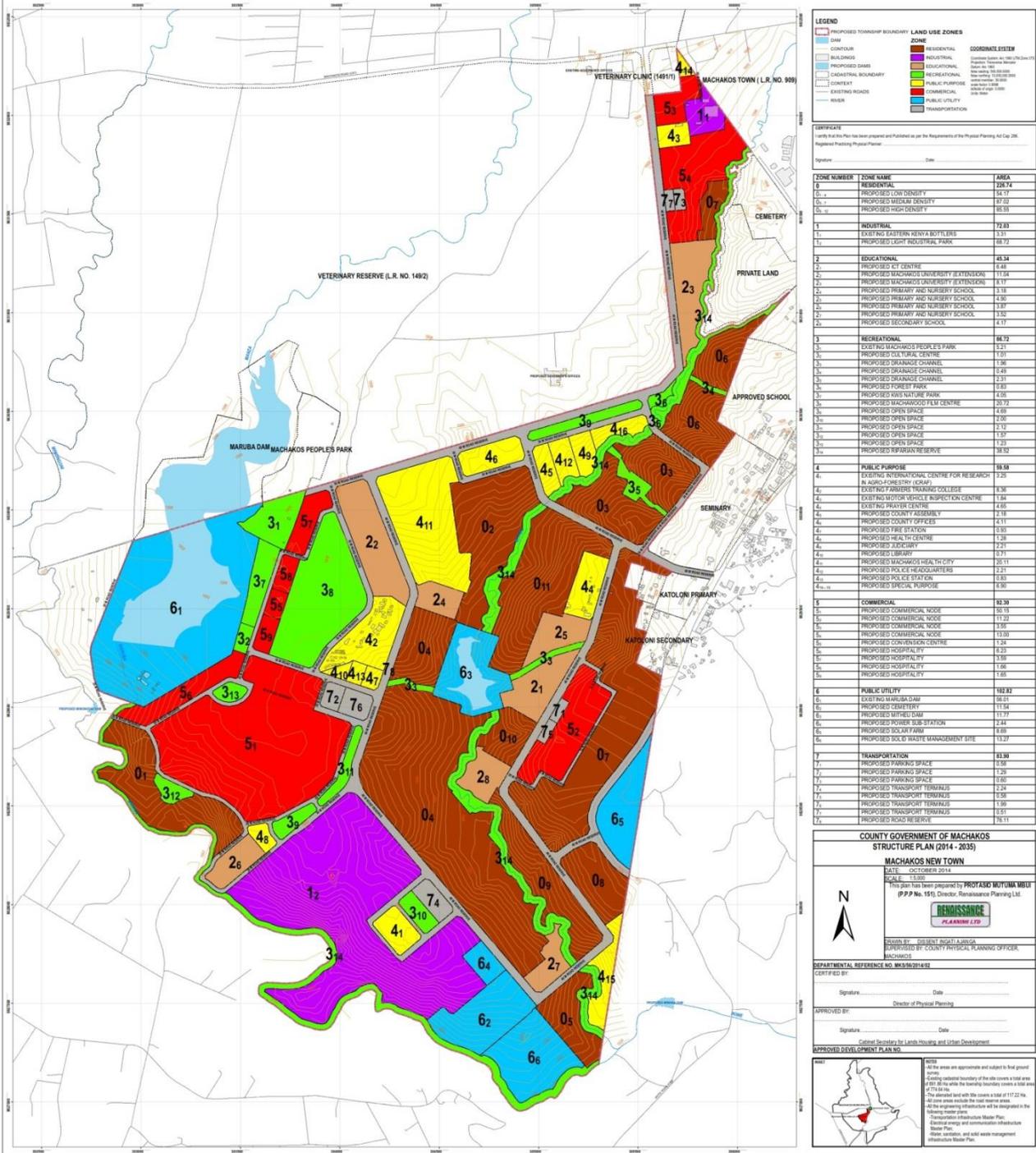


BASE MAP: MACHAKOS NEW TOWN





STRUCTURE PLAN - MACHAKOS NEW TOWN



| LEGEND | | LAND USE ZONES | |
|----------|----------------------------|----------------|----------------|
| [Symbol] | PROPOSED TOWNSHIP BOUNDARY | [Color] | RESIDENTIAL |
| [Symbol] | DAIRY | [Color] | EDUCATIONAL |
| [Symbol] | CONTOUR | [Color] | RECREATIONAL |
| [Symbol] | PROPOSED DAMS | [Color] | PUBLIC PURPOSE |
| [Symbol] | CADASTRAL BOUNDARY | [Color] | COMMERCIAL |
| [Symbol] | CONCRETE | [Color] | PUBLIC UTILITY |
| [Symbol] | EXISTING ROADS | [Color] | TRANSPORTATION |
| [Symbol] | RIVER | | |

CERTIFICATE
 This Structure Plan has been prepared and published in full in accordance with the requirements of the Physical Planning Act Cap. 206, Registered Planning Physical Planner.

Signature: _____ Date: _____

| ZONE NUMBER | ZONE NAME | AREA |
|-------------|---|--------|
| 0 | RESIDENTIAL | 126.74 |
| 0.1 | PROPOSED LOW DENSITY | 64.17 |
| 0.2 | PROPOSED MEDIUM DENSITY | 19.72 |
| 0.3 | PROPOSED HIGH DENSITY | 42.85 |
| 1 | INDUSTRIAL | 12.83 |
| 1.1 | EXISTING EASTERN KENYA BOTTLERS | 3.31 |
| 1.2 | PROPOSED LIGHT INDUSTRIAL PARK | 9.52 |
| 2 | EDUCATIONAL | 43.34 |
| 2.1 | PROPOSED ICT CENTRE | 11.48 |
| 2.2 | PROPOSED MACHAKOS UNIVERSITY EXTENSION | 11.04 |
| 2.3 | PROPOSED MACHAKOS UNIVERSITY EXTENSION | 11.97 |
| 2.4 | PROPOSED PRIMARY AND NURSERY SCHOOL | 3.18 |
| 2.5 | PROPOSED PRIMARY AND NURSERY SCHOOL | 4.30 |
| 2.6 | PROPOSED PRIMARY AND NURSERY SCHOOL | 2.87 |
| 2.7 | PROPOSED PRIMARY AND NURSERY SCHOOL | 1.32 |
| 2.8 | PROPOSED SECONDARY SCHOOL | 4.17 |
| 3 | RECREATIONAL | 98.72 |
| 3.1 | EXISTING MACHAKOS PEOPLE'S PARK | 11.01 |
| 3.2 | PROPOSED CULTURAL CENTRE | 11.01 |
| 3.3 | PROPOSED DRAINAGE CHANNEL | 1.96 |
| 3.4 | PROPOSED DRAINAGE CHANNEL | 4.43 |
| 3.5 | PROPOSED DRAINAGE CHANNEL | 2.37 |
| 3.6 | PROPOSED FOREST PARK | 11.63 |
| 3.7 | PROPOSED KWS NATURAL PARK | 11.05 |
| 3.8 | PROPOSED MACHAKOS FILM CENTRE | 20.72 |
| 3.9 | PROPOSED OPEN SPACE | 4.69 |
| 3.10 | PROPOSED OPEN SPACE | 2.00 |
| 3.11 | PROPOSED OPEN SPACE | 11.12 |
| 3.12 | PROPOSED OPEN SPACE | 11.37 |
| 3.13 | PROPOSED OPEN SPACE | 11.23 |
| 3.14 | PROPOSED RECREATION RESERVE | 18.92 |
| 4 | PUBLIC PURPOSE | 88.39 |
| 4.1 | EXISTING INTERNATIONAL CENTRE FOR RESEARCH IN AGRO-FORESTRY (ICRAF) | 11.25 |
| 4.2 | EXISTING FARMERS TRAINING COLLEGE | 11.36 |
| 4.3 | EXISTING MOTOR VEHICLE INSPECTION CENTRE | 11.84 |
| 4.4 | EXISTING WATER CENTRE | 11.66 |
| 4.5 | PROPOSED COUNTY ASSEMBLY | 11.18 |
| 4.6 | PROPOSED COUNTY OFFICES | 4.11 |
| 4.7 | PROPOSED FIRE STATION | 11.27 |
| 4.8 | PROPOSED HEALTH CENTRE | 11.28 |
| 4.9 | PROPOSED JUDICIARY | 11.27 |
| 4.10 | PROPOSED LIBRARY | 0.71 |
| 4.11 | PROPOSED MACHAKOS HEALTH CITY | 25.11 |
| 4.12 | PROPOSED POLICE HEADQUARTERS | 11.21 |
| 4.13 | PROPOSED POLICE STATION | 11.83 |
| 4.14 | PROPOSED SPECIAL PURPOSE | 11.90 |
| 5 | COMMERCIAL | 162.30 |
| 5.1 | PROPOSED COMMERCIAL NODE | 11.21 |
| 5.2 | PROPOSED COMMERCIAL NODE | 11.22 |
| 5.3 | PROPOSED COMMERCIAL NODE | 11.05 |
| 5.4 | PROPOSED COMMERCIAL NODE | 11.03 |
| 5.5 | PROPOSED CONVENTION CENTRE | 11.24 |
| 5.6 | PROPOSED HOSPITALITY | 11.37 |
| 5.7 | PROPOSED HOSPITALITY | 11.06 |
| 5.8 | PROPOSED HOSPITALITY | 11.86 |
| 5.9 | PROPOSED HOSPITALITY | 11.86 |
| 6 | PUBLIC UTILITY | 162.80 |
| 6.1 | EXISTING MARUBA DAM | 161.01 |
| 6.2 | PROPOSED EMERGENCY | 11.54 |
| 6.3 | PROPOSED POWER DAM | 11.25 |
| 6.4 | PROPOSED POWER SUB-STATION | 11.44 |
| 6.5 | PROPOSED SOLAR FARM | 11.80 |
| 6.6 | PROPOSED SOLID WASTE MANAGEMENT SITE | 11.37 |
| 7 | TRANSPORTATION | 61.39 |
| 7.1 | PROPOSED PARKING SPACE | 11.06 |
| 7.2 | PROPOSED PARKING SPACE | 11.29 |
| 7.3 | PROPOSED PARKING SPACE | 11.80 |
| 7.4 | PROPOSED TRANSPORT TERMINUS | 11.24 |
| 7.5 | PROPOSED TRANSPORT TERMINUS | 11.50 |
| 7.6 | PROPOSED TRANSPORT TERMINUS | 11.90 |
| 7.7 | PROPOSED TRANSPORT TERMINUS | 11.51 |
| 7.8 | PROPOSED ROAD NETWORK | 18.11 |

COUNTY GOVERNMENT OF MACHAKOS
STRUCTURE PLAN (2014 - 2035)
MACHAKOS NEW TOWN
 DATE: OCTOBER 2014
 SCALE: 1:500
 This plan has been prepared by PROFANZO MUTUMBA MBUTI (P.P.P No. 151), Director, Renaissance Planning Ltd.

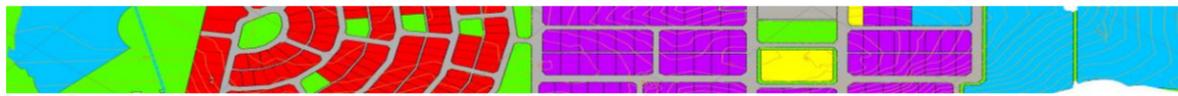
 DRAWN BY: SEBASTIAN BUGHU JUMBA
 SUPERVISED BY: COUNTY PHYSICAL PLANNING OFFICER, MACHAKOS

DEPARTMENTAL REFERENCE NO. MACH/PH/2014/001
 CERTIFIED BY: _____
 Signature: _____ Date: _____
 Director of Physical Planning

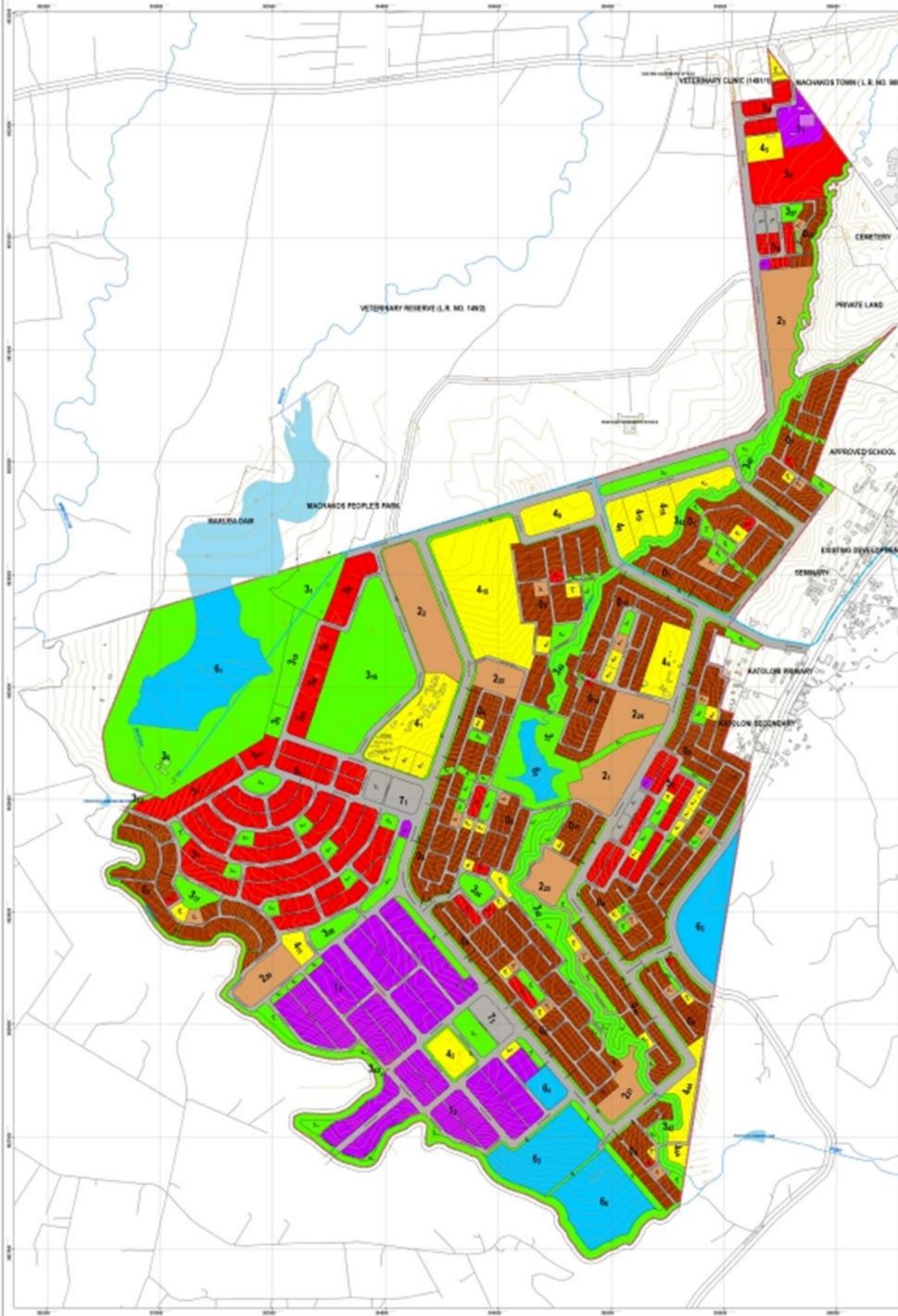
APPROVED BY: _____
 Signature: _____ Date: _____
 Cabinet Secretary for Lands Housing and Urban Development

APPROVED DEVELOPMENT PLAN NO. _____

NOTE:
 All the areas are approximate and subject to final ground.
 Existing cadastral boundary of the site covers a total area of 171.84 ha.
 The area shown within the boundary lines covers a total area of 171.84 ha.
 All zone areas include the road reserve areas.
 All the requirements of the Act shall be complied with.
 The following information is included in the plan:
 - Zoning Information
 - Land Use Information
 - Major Roads
 - Water Courses and Solid Waste Management
 - Infrastructure Network



LOCAL PHYSICAL DEVELOPMENT PLAN - MACHAKOS NEW TOWN



LEGEND

| | | |
|----------------------------|---------------------------|----------------|
| PROPOSED WATER PIPELINE | ROADS | EXISTING DRAIN |
| EXISTING BOUNDARY | LAND USE PROPOSALS | PROPOSED DRAIN |
| PROPOSED DRAIN | RESIDENTIAL | PROPOSED DRAIN |
| PROPOSED TOWNSHIP BOUNDARY | INDUSTRIAL | PROPOSED DRAIN |
| EXISTING ROAD | EDUCATIONAL | PROPOSED DRAIN |
| | COMMERCIAL | PROPOSED DRAIN |
| | TRANSPORTATION | PROPOSED DRAIN |

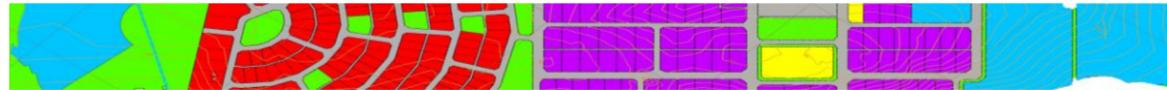
DATE: 14/10/2014
 COUNTY GOVERNMENT OF MACHAKOS
 DEPARTMENT OF PHYSICAL PLANNING

| LAND USE NUMBER | LAND USE NAME | AREA (HA) |
|-----------------|------------------------------------|---------------|
| 0 | RESIDENTIAL | 141.76 |
| 0.1 | PROPOSED LOW DENSITY | 36.86 |
| 0.2 | PROPOSED MEDIUM DENSITY | 57.36 |
| 0.3 | PROPOSED HIGH DENSITY | 47.54 |
| 1 | INDUSTRIAL | 53.89 |
| 1.1 | EXISTING LIGHT INDUSTRIAL | 3.71 |
| 1.2 | PROPOSED LIGHT INDUSTRIAL PARK | 50.42 |
| 1.3 | PROPOSED PETROL STATION | 1.76 |
| 2 | EDUCATIONAL | 84.86 |
| 2.1 | PROPOSED TECHNICAL | 6.27 |
| 2.2 | PROPOSED UNIVERSITY | 13.38 |
| 2.3 | PROPOSED UNIVERSITY EXTENSION | 8.78 |
| 2.4 | PROPOSED UNIVERSITY SCHOOL | 6.5 |
| 2.5 | PROPOSED PRIMARY AND JUNIOR SCHOOL | 3.87 |
| 2.6 | PROPOSED PRIMARY AND JUNIOR SCHOOL | 2.3 |
| 2.7 | PROPOSED PRIMARY AND JUNIOR SCHOOL | 7.84 |
| 2.8 | PROPOSED SECONDARY SCHOOL | 3.5 |
| 2.9 | PROPOSED TECHNICAL TRAINING CENTER | 6.58 |
| 3 | RECREATIONAL | 173.89 |
| 3.1 | PROPOSED RECREATION PARK | 5.71 |
| 3.2 | PROPOSED RECREATION PARK | 11.97 |
| 3.3 | PROPOSED RECREATION PARK | 6.47 |
| 3.4 | PROPOSED RECREATION PARK | 1.78 |
| 3.5 | PROPOSED RECREATION CENTRE | 1.31 |
| 3.6 | PROPOSED RECREATION PARK | 36.43 |
| 3.7 | PROPOSED RECREATION PARK | 5.71 |
| 3.8 | PROPOSED RECREATION PARK | 5.38 |
| 3.9 | PROPOSED RECREATION PARK | 13.67 |
| 3.10 | PROPOSED RECREATION PARK | 6.36 |
| 3.11 | PROPOSED RECREATION PARK | 29.79 |
| 3.12 | PROPOSED RECREATION PARK | 1.52 |
| 3.13 | PROPOSED RECREATION PARK | 38.53 |
| 4 | PUBLIC PURPOSE | 64.86 |
| 4.1 | PROPOSED MARKET | 1.76 |
| 4.2 | PROPOSED MARKET | 2.37 |
| 4.3 | PROPOSED MARKET | 1.84 |
| 4.4 | PROPOSED MARKET | 4.05 |
| 4.5 | PROPOSED MARKET | 0.55 |
| 4.6 | PROPOSED MARKET | 2.18 |
| 4.7 | PROPOSED MARKET | 4.11 |
| 4.8 | PROPOSED MARKET | 0.76 |
| 4.9 | PROPOSED MARKET | 2.35 |
| 4.10 | PROPOSED MARKET | 18.38 |
| 4.11 | PROPOSED MARKET | 2.21 |
| 4.12 | PROPOSED MARKET | 0.74 |
| 4.13 | PROPOSED MARKET | 2.21 |
| 4.14 | PROPOSED MARKET | 0.57 |
| 4.15 | PROPOSED MARKET | 0.76 |
| 4.16 | PROPOSED MARKET | 0.85 |
| 4.17 | PROPOSED MARKET | 5.21 |
| 4.18 | PROPOSED MARKET | 0.28 |
| 5 | COMMERCIAL | 15.53 |
| 5.1 | PROPOSED COMMERCIAL | 10.21 |
| 5.2 | PROPOSED COMMERCIAL | 1.24 |
| 5.3 | PROPOSED COMMERCIAL | 12.34 |
| 5.4 | PROPOSED COMMERCIAL | 4.74 |
| 6 | PUBLIC UTILITY | 58.33 |
| 6.1 | EXISTING WATER DAM | 12.58 |
| 6.2 | PROPOSED WATER DAM | 12.28 |
| 6.3 | PROPOSED WATER DAM | 5.55 |
| 6.4 | PROPOSED WATER DAM | 2.35 |
| 6.5 | PROPOSED WATER DAM | 8.59 |
| 6.6 | PROPOSED WATER DAM | 17.58 |
| TOTAL | | 733.44 |

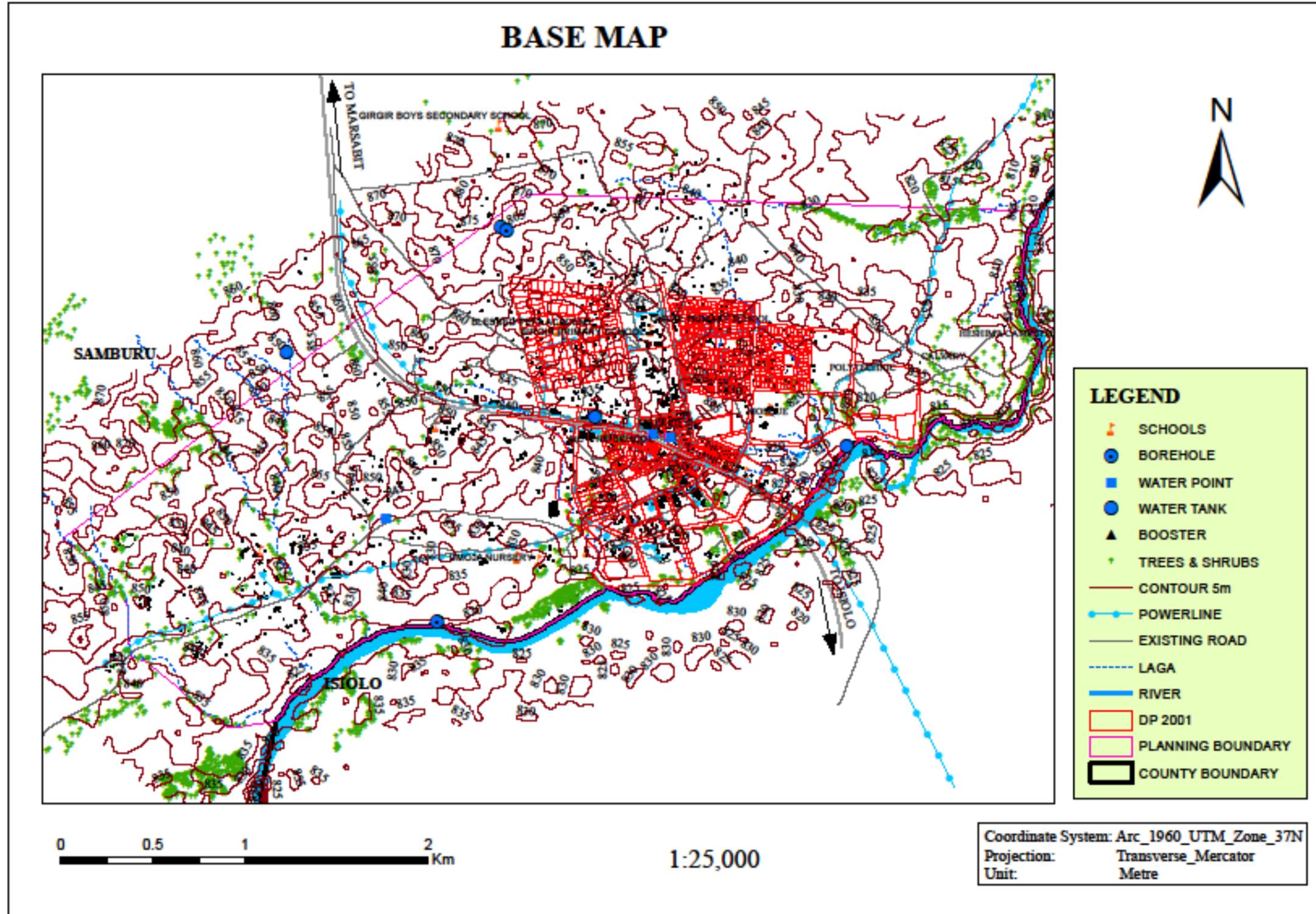
COUNTY GOVERNMENT OF MACHAKOS
 LONG TERM LOCAL PHYSICAL DEVELOPMENT PLAN (2014 - 2030)
 MACHAKOS NEW TOWN
 PREPARED BY: PROSANO MUTURA & CO.
 P.P.O. BOX 151
 MACHAKOS, KENYA
 DATE: 14/10/2014
 SCALE: 1:50,000
 COUNTY GOVERNMENT OF MACHAKOS
 DEPARTMENT OF PHYSICAL PLANNING
 APPROVED BY: _____
 Director of Physical Planning
 APPROVED BY: _____
 Cabinet Secretary for Lands, Housing and Urban Development

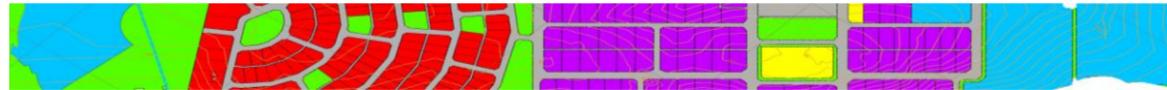
APPROVED DEVELOPMENT PLAN

THIS PLAN IS THE PROPERTY OF THE COUNTY GOVERNMENT OF MACHAKOS AND SHALL REMAIN VALID FOR THE PERIOD OF FIVE YEARS FROM THE DATE OF APPROVAL. ANY ALTERATION TO THE PLAN SHALL BE AT THE DISCRETION OF THE COUNTY GOVERNMENT OF MACHAKOS.

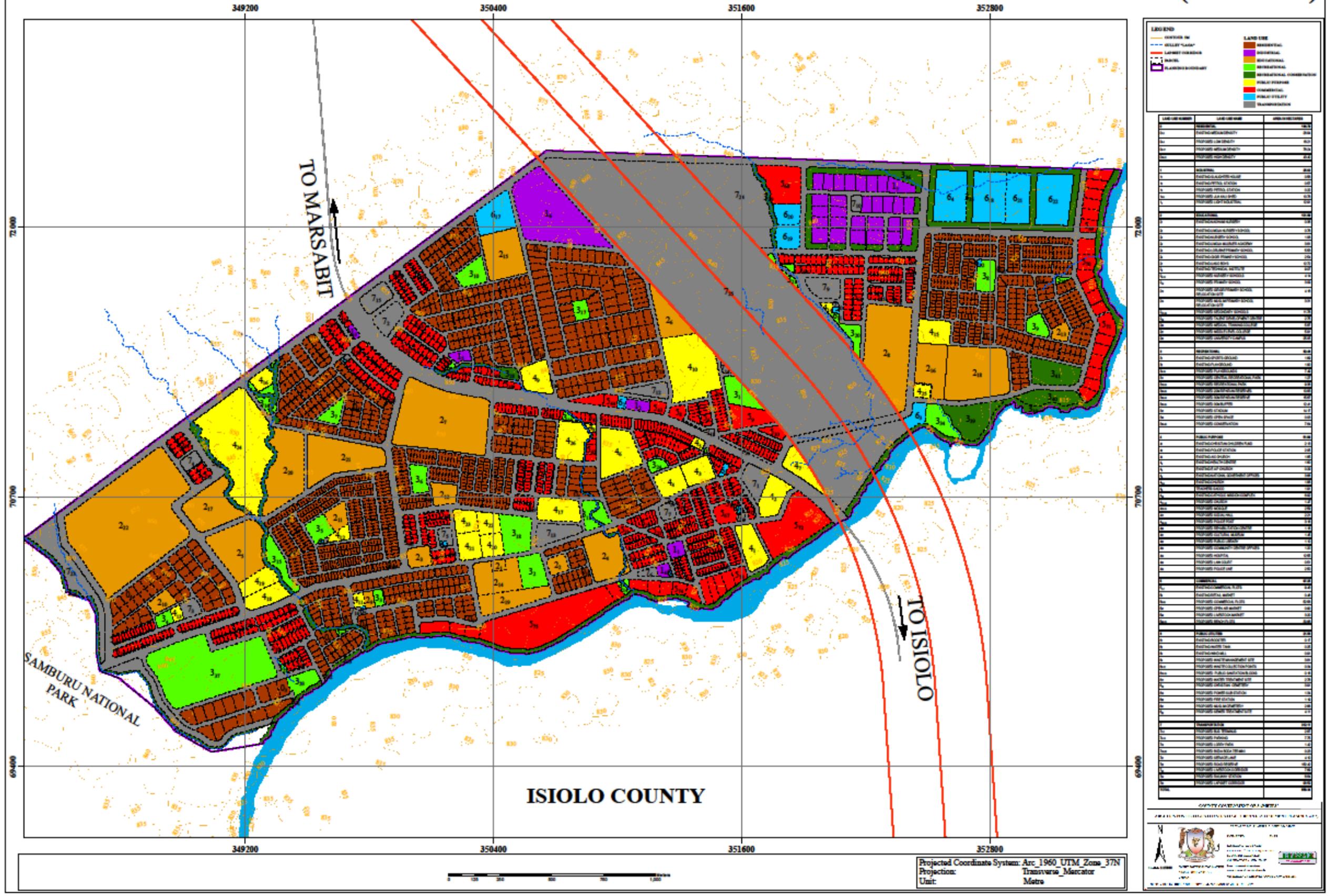


ARCHERS POST PROJECT OUTPUTS





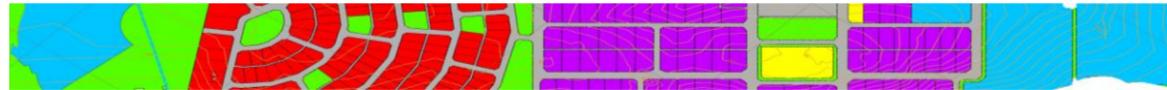
ARCHER'S POST TOWNSHIP INTEGRATED STRATEGIC URBAN DEVELOPMENT PLAN (2015-2035)



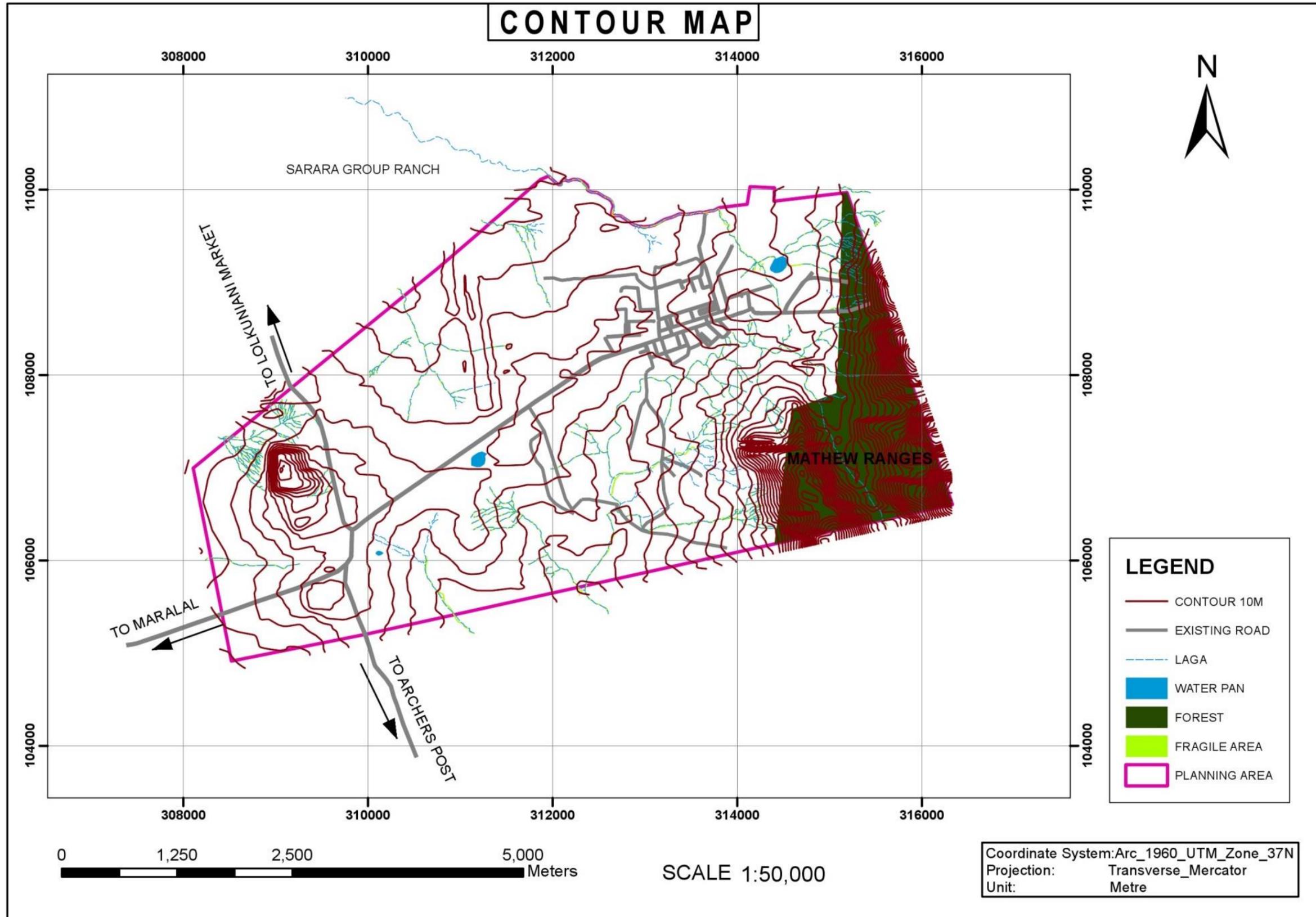
LEGEND

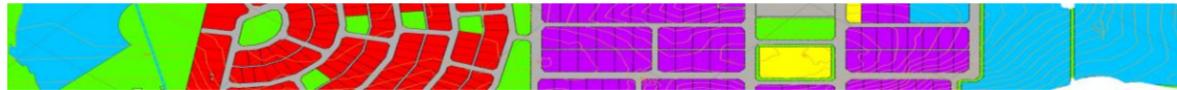
| | | | |
|---|-------------------|---|--------------------------|
| — | BOUNDARY IN | — | LAND USE |
| — | BOUNDARY OUT | — | RESIDENTIAL |
| — | WATERWAY | — | COMMERCIAL |
| — | RAILWAY | — | RECREATIONAL |
| — | PLANNING BOUNDARY | — | RECREATIONAL COMBINATION |
| | | — | PUBLIC MARKET |
| | | — | INDUSTRIAL |
| | | — | PUBLIC OFFICE |
| | | — | TRANSPORTATION |

| LAND USE NUMBER | LAND USE NAME | PERCENTAGE (%) |
|-----------------|-------------------|----------------|
| 1 | Residential | 45.2 |
| 2 | Commercial | 15.8 |
| 3 | Industrial | 8.5 |
| 4 | Recreational | 12.1 |
| 5 | Public Market | 3.2 |
| 6 | Public Office | 2.5 |
| 7 | Transportation | 1.7 |
| 8 | Waterway | 0.5 |
| 9 | Railway | 0.3 |
| 10 | Boundary In | 0.2 |
| 11 | Boundary Out | 0.2 |
| 12 | Planning Boundary | 0.1 |
| 13 | Waterway | 0.1 |
| 14 | Railway | 0.1 |
| 15 | Boundary In | 0.1 |
| 16 | Boundary Out | 0.1 |
| 17 | Planning Boundary | 0.1 |
| 18 | Waterway | 0.1 |
| 19 | Railway | 0.1 |
| 20 | Boundary In | 0.1 |
| 21 | Boundary Out | 0.1 |
| 22 | Planning Boundary | 0.1 |
| 23 | Waterway | 0.1 |
| 24 | Railway | 0.1 |
| 25 | Boundary In | 0.1 |
| 26 | Boundary Out | 0.1 |
| 27 | Planning Boundary | 0.1 |
| 28 | Waterway | 0.1 |
| 29 | Railway | 0.1 |
| 30 | Boundary In | 0.1 |
| 31 | Boundary Out | 0.1 |
| 32 | Planning Boundary | 0.1 |
| 33 | Waterway | 0.1 |
| 34 | Railway | 0.1 |
| 35 | Boundary In | 0.1 |
| 36 | Boundary Out | 0.1 |
| 37 | Planning Boundary | 0.1 |
| 38 | Waterway | 0.1 |
| 39 | Railway | 0.1 |
| 40 | Boundary In | 0.1 |
| 41 | Boundary Out | 0.1 |
| 42 | Planning Boundary | 0.1 |
| 43 | Waterway | 0.1 |
| 44 | Railway | 0.1 |
| 45 | Boundary In | 0.1 |
| 46 | Boundary Out | 0.1 |
| 47 | Planning Boundary | 0.1 |
| 48 | Waterway | 0.1 |
| 49 | Railway | 0.1 |
| 50 | Boundary In | 0.1 |
| 51 | Boundary Out | 0.1 |
| 52 | Planning Boundary | 0.1 |
| 53 | Waterway | 0.1 |
| 54 | Railway | 0.1 |
| 55 | Boundary In | 0.1 |
| 56 | Boundary Out | 0.1 |
| 57 | Planning Boundary | 0.1 |
| 58 | Waterway | 0.1 |
| 59 | Railway | 0.1 |
| 60 | Boundary In | 0.1 |
| 61 | Boundary Out | 0.1 |
| 62 | Planning Boundary | 0.1 |
| 63 | Waterway | 0.1 |
| 64 | Railway | 0.1 |
| 65 | Boundary In | 0.1 |
| 66 | Boundary Out | 0.1 |
| 67 | Planning Boundary | 0.1 |
| 68 | Waterway | 0.1 |
| 69 | Railway | 0.1 |
| 70 | Boundary In | 0.1 |
| 71 | Boundary Out | 0.1 |
| 72 | Planning Boundary | 0.1 |
| 73 | Waterway | 0.1 |
| 74 | Railway | 0.1 |
| 75 | Boundary In | 0.1 |
| 76 | Boundary Out | 0.1 |
| 77 | Planning Boundary | 0.1 |
| 78 | Waterway | 0.1 |
| 79 | Railway | 0.1 |
| 80 | Boundary In | 0.1 |
| 81 | Boundary Out | 0.1 |
| 82 | Planning Boundary | 0.1 |
| 83 | Waterway | 0.1 |
| 84 | Railway | 0.1 |
| 85 | Boundary In | 0.1 |
| 86 | Boundary Out | 0.1 |
| 87 | Planning Boundary | 0.1 |
| 88 | Waterway | 0.1 |
| 89 | Railway | 0.1 |
| 90 | Boundary In | 0.1 |
| 91 | Boundary Out | 0.1 |
| 92 | Planning Boundary | 0.1 |
| 93 | Waterway | 0.1 |
| 94 | Railway | 0.1 |
| 95 | Boundary In | 0.1 |
| 96 | Boundary Out | 0.1 |
| 97 | Planning Boundary | 0.1 |
| 98 | Waterway | 0.1 |
| 99 | Railway | 0.1 |
| 100 | Boundary In | 0.1 |
| 101 | Boundary Out | 0.1 |
| 102 | Planning Boundary | 0.1 |
| 103 | Waterway | 0.1 |
| 104 | Railway | 0.1 |
| 105 | Boundary In | 0.1 |
| 106 | Boundary Out | 0.1 |
| 107 | Planning Boundary | 0.1 |
| 108 | Waterway | 0.1 |
| 109 | Railway | 0.1 |
| 110 | Boundary In | 0.1 |
| 111 | Boundary Out | 0.1 |
| 112 | Planning Boundary | 0.1 |
| 113 | Waterway | 0.1 |
| 114 | Railway | 0.1 |
| 115 | Boundary In | 0.1 |
| 116 | Boundary Out | 0.1 |
| 117 | Planning Boundary | 0.1 |
| 118 | Waterway | 0.1 |
| 119 | Railway | 0.1 |
| 120 | Boundary In | 0.1 |
| 121 | Boundary Out | 0.1 |
| 122 | Planning Boundary | 0.1 |
| 123 | Waterway | 0.1 |
| 124 | Railway | 0.1 |
| 125 | Boundary In | 0.1 |
| 126 | Boundary Out | 0.1 |
| 127 | Planning Boundary | 0.1 |
| 128 | Waterway | 0.1 |
| 129 | Railway | 0.1 |
| 130 | Boundary In | 0.1 |
| 131 | Boundary Out | 0.1 |
| 132 | Planning Boundary | 0.1 |
| 133 | Waterway | 0.1 |
| 134 | Railway | 0.1 |
| 135 | Boundary In | 0.1 |
| 136 | Boundary Out | 0.1 |
| 137 | Planning Boundary | 0.1 |
| 138 | Waterway | 0.1 |
| 139 | Railway | 0.1 |
| 140 | Boundary In | 0.1 |
| 141 | Boundary Out | 0.1 |
| 142 | Planning Boundary | 0.1 |
| 143 | Waterway | 0.1 |
| 144 | Railway | 0.1 |
| 145 | Boundary In | 0.1 |
| 146 | Boundary Out | 0.1 |
| 147 | Planning Boundary | 0.1 |
| 148 | Waterway | 0.1 |
| 149 | Railway | 0.1 |
| 150 | Boundary In | 0.1 |
| 151 | Boundary Out | 0.1 |
| 152 | Planning Boundary | 0.1 |
| 153 | Waterway | 0.1 |
| 154 | Railway | 0.1 |
| 155 | Boundary In | 0.1 |
| 156 | Boundary Out | 0.1 |
| 157 | Planning Boundary | 0.1 |
| 158 | Waterway | 0.1 |
| 159 | Railway | 0.1 |
| 160 | Boundary In | 0.1 |
| 161 | Boundary Out | 0.1 |
| 162 | Planning Boundary | 0.1 |
| 163 | Waterway | 0.1 |
| 164 | Railway | 0.1 |
| 165 | Boundary In | 0.1 |
| 166 | Boundary Out | 0.1 |
| 167 | Planning Boundary | 0.1 |
| 168 | Waterway | 0.1 |
| 169 | Railway | 0.1 |
| 170 | Boundary In | 0.1 |
| 171 | Boundary Out | 0.1 |
| 172 | Planning Boundary | 0.1 |
| 173 | Waterway | 0.1 |
| 174 | Railway | 0.1 |
| 175 | Boundary In | 0.1 |
| 176 | Boundary Out | 0.1 |
| 177 | Planning Boundary | 0.1 |
| 178 | Waterway | 0.1 |
| 179 | Railway | 0.1 |
| 180 | Boundary In | 0.1 |
| 181 | Boundary Out | 0.1 |
| 182 | Planning Boundary | 0.1 |
| 183 | Waterway | 0.1 |
| 184 | Railway | 0.1 |
| 185 | Boundary In | 0.1 |
| 186 | Boundary Out | 0.1 |
| 187 | Planning Boundary | 0.1 |
| 188 | Waterway | 0.1 |
| 189 | Railway | 0.1 |
| 190 | Boundary In | 0.1 |
| 191 | Boundary Out | 0.1 |
| 192 | Planning Boundary | 0.1 |
| 193 | Waterway | 0.1 |
| 194 | Railway | 0.1 |
| 195 | Boundary In | 0.1 |
| 196 | Boundary Out | 0.1 |
| 197 | Planning Boundary | 0.1 |
| 198 | Waterway | 0.1 |
| 199 | Railway | 0.1 |
| 200 | Boundary In | 0.1 |
| 201 | Boundary Out | 0.1 |
| 202 | Planning Boundary | 0.1 |
| 203 | Waterway | 0.1 |
| 204 | Railway | 0.1 |
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| 207 | Planning Boundary | 0.1 |
| 208 | Waterway | 0.1 |
| 209 | Railway | 0.1 |
| 210 | Boundary In | 0.1 |
| 211 | Boundary Out | 0.1 |
| 212 | Planning Boundary | 0.1 |
| 213 | Waterway | 0.1 |
| 214 | Railway | 0.1 |
| 215 | Boundary In | 0.1 |
| 216 | Boundary Out | 0.1 |
| 217 | Planning Boundary | 0.1 |
| 218 | Waterway | 0.1 |
| 219 | Railway | 0.1 |
| 220 | Boundary In | 0.1 |
| 221 | Boundary Out | 0.1 |
| 222 | Planning Boundary | 0.1 |
| 223 | Waterway | 0.1 |
| 224 | Railway | 0.1 |
| 225 | Boundary In | 0.1 |
| 226 | Boundary Out | 0.1 |
| 227 | Planning Boundary | 0.1 |
| 228 | Waterway | 0.1 |
| 229 | Railway | 0.1 |
| 230 | Boundary In | 0.1 |
| 231 | Boundary Out | 0.1 |
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| 233 | Waterway | 0.1 |
| 234 | Railway | 0.1 |
| 235 | Boundary In | 0.1 |
| 236 | Boundary Out | 0.1 |
| 237 | Planning Boundary | 0.1 |
| 238 | Waterway | 0.1 |
| 239 | Railway | 0.1 |
| 240 | Boundary In | 0.1 |
| 241 | Boundary Out | 0.1 |
| 242 | Planning Boundary | 0.1 |
| 243 | Waterway | 0.1 |
| 244 | Railway | 0.1 |
| 245 | Boundary In | 0.1 |
| 246 | Boundary Out | 0.1 |
| 247 | Planning Boundary | 0.1 |
| 248 | Waterway | 0.1 |
| 249 | Railway | 0.1 |
| 250 | Boundary In | 0.1 |
| 251 | Boundary Out | 0.1 |
| 252 | Planning Boundary | 0.1 |
| 253 | Waterway | 0.1 |
| 254 | Railway | 0.1 |
| 255 | Boundary In | 0.1 |
| 256 | Boundary Out | 0.1 |
| 257 | Planning Boundary | 0.1 |
| 258 | Waterway | 0.1 |
| 259 | Railway | 0.1 |
| 260 | Boundary In | 0.1 |
| 261 | Boundary Out | 0.1 |
| 262 | Planning Boundary | 0.1 |
| 263 | Waterway | 0.1 |
| 264 | Railway | 0.1 |
| 265 | Boundary In | 0.1 |
| 266 | Boundary Out | 0.1 |
| 267 | Planning Boundary | 0.1 |
| 268 | Waterway | 0.1 |
| 269 | Railway | 0.1 |
| 270 | Boundary In | 0.1 |
| 271 | Boundary Out | 0.1 |
| 272 | Planning Boundary | 0.1 |
| 273 | Waterway | 0.1 |
| 274 | Railway | 0.1 |
| 275 | Boundary In | 0.1 |
| 276 | Boundary Out | 0.1 |
| 277 | Planning Boundary | 0.1 |
| 278 | Waterway | 0.1 |
| 279 | Railway | 0.1 |
| 280 | Boundary In | 0.1 |
| 281 | Boundary Out | 0.1 |
| 282 | Planning Boundary | 0.1 |
| 283 | Waterway | 0.1 |
| 284 | Railway | 0.1 |
| 285 | Boundary In | 0.1 |
| 286 | Boundary Out | 0.1 |
| 287 | Planning Boundary | 0.1 |
| 288 | Waterway | 0.1 |
| 289 | Railway | 0.1 |
| 290 | Boundary In | 0.1 |
| 291 | Boundary Out | 0.1 |
| 292 | Planning Boundary | 0.1 |
| 293 | Waterway | 0.1 |
| 294 | Railway | 0.1 |
| 295 | Boundary In | 0.1 |
| 296 | Boundary Out | 0.1 |
| 297 | Planning Boundary | 0.1 |
| 298 | Waterway | 0.1 |
| 299 | Railway | 0.1 |
| 300 | Boundary In | 0.1 |
| 301 | Boundary Out | 0.1 |
| 302 | Planning Boundary | 0.1 |
| 303 | Waterway | 0.1 |
| 304 | Railway | 0.1 |
| 305 | Boundary In | 0.1 |
| 306 | Boundary Out | 0.1 |
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| 308 | Waterway | 0.1 |
| 309 | Railway | 0.1 |
| 310 | Boundary In | 0.1 |
| 311 | Boundary Out | 0.1 |
| 312 | Planning Boundary | 0.1 |
| 313 | Waterway | 0.1 |
| 314 | Railway | 0.1 |
| 315 | Boundary In | 0.1 |
| 316 | Boundary Out | 0.1 |
| 317 | Planning Boundary | 0.1 |
| 318 | Waterway | 0.1 |
| 319 | Railway | 0.1 |
| 320 | Boundary In | 0.1 |
| 321 | Boundary Out | 0.1 |
| 322 | Planning Boundary | 0.1 |
| 323 | Waterway | 0.1 |
| 324 | Railway | 0.1 |
| 325 | Boundary In | 0.1 |
| 326 | Boundary Out | 0.1 |
| 327 | Planning Boundary | 0.1 |
| 328 | Waterway | 0.1 |
| 329 | Railway | 0.1 |
| 330 | Boundary In | 0.1 |
| 331 | Boundary Out | 0.1 |
| 332 | Planning Boundary | 0.1 |
| 333 | Waterway | 0.1 |
| 334 | Railway | 0.1 |
| 335 | Boundary In | 0.1 |
| 336 | Boundary Out | 0.1 |
| 337 | Planning Boundary | 0.1 |
| 338 | Waterway | 0.1 |
| 339 | Railway | 0.1 |
| 340 | Boundary In | 0.1 |
| 341 | Boundary Out | 0.1 |
| 342 | Planning Boundary | 0.1 |
| 343 | Waterway | 0.1 |
| 344 | Railway | 0.1 |
| 345 | Boundary In | 0.1 |
| 346 | Boundary Out | 0.1 |
| 347 | Planning Boundary | 0.1 |
| 348 | Waterway | 0.1 |
| 349 | Railway | 0.1 |
| 350 | Boundary In | 0.1 |
| 351 | Boundary Out | 0.1 |
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| 358 | Waterway | 0.1 |
| 359 | Railway | 0.1 |
| 360 | Boundary In | 0.1 |
| 361 | Boundary Out | 0.1 |
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| 363 | Waterway | 0.1 |
| 364 | Railway | 0.1 |
| 365 | Boundary In | 0.1 |
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| 368 | Waterway | 0.1 |
| 369 | Railway | 0.1 |
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| 379 | Railway | 0.1 |
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| 384 | Railway | 0.1 |
| 385 | Boundary In | 0.1 |
| 386 | Boundary Out | 0.1 |
| 387 | Planning Boundary | 0.1 |
| 388 | Waterway | 0.1 |
| 389 | Railway | 0.1 |
| 390 | Boundary In | 0.1 |
| 391 | Boundary Out | 0.1 |
| 392 | Planning Boundary | 0.1 |
| 393 | Waterway | 0.1 |
| 394 | Railway | 0.1 |
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| 399 | Railway | 0.1 |
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| 401 | Boundary Out | 0.1 |
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| 403 | Waterway | 0.1 |
| 404 | Railway | 0.1 |
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| 406 | Boundary Out | 0.1 |
| 407 | Planning Boundary | 0.1 |
| 408 | Waterway | 0.1 |
| 409 | Railway | 0.1 |
| 410 | Boundary In | 0.1 |
| 411 | Boundary Out | 0.1 |
| 412 | Planning Boundary | 0.1 |
| 413 | Waterway | 0.1 |
| 414 | Railway | 0.1 |
| 415 | Boundary In | 0.1 |
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| 417 | Planning Boundary | 0.1 |
| 418 | Waterway | 0.1 |
| 419 | Railway | 0.1 |
| 420 | | |

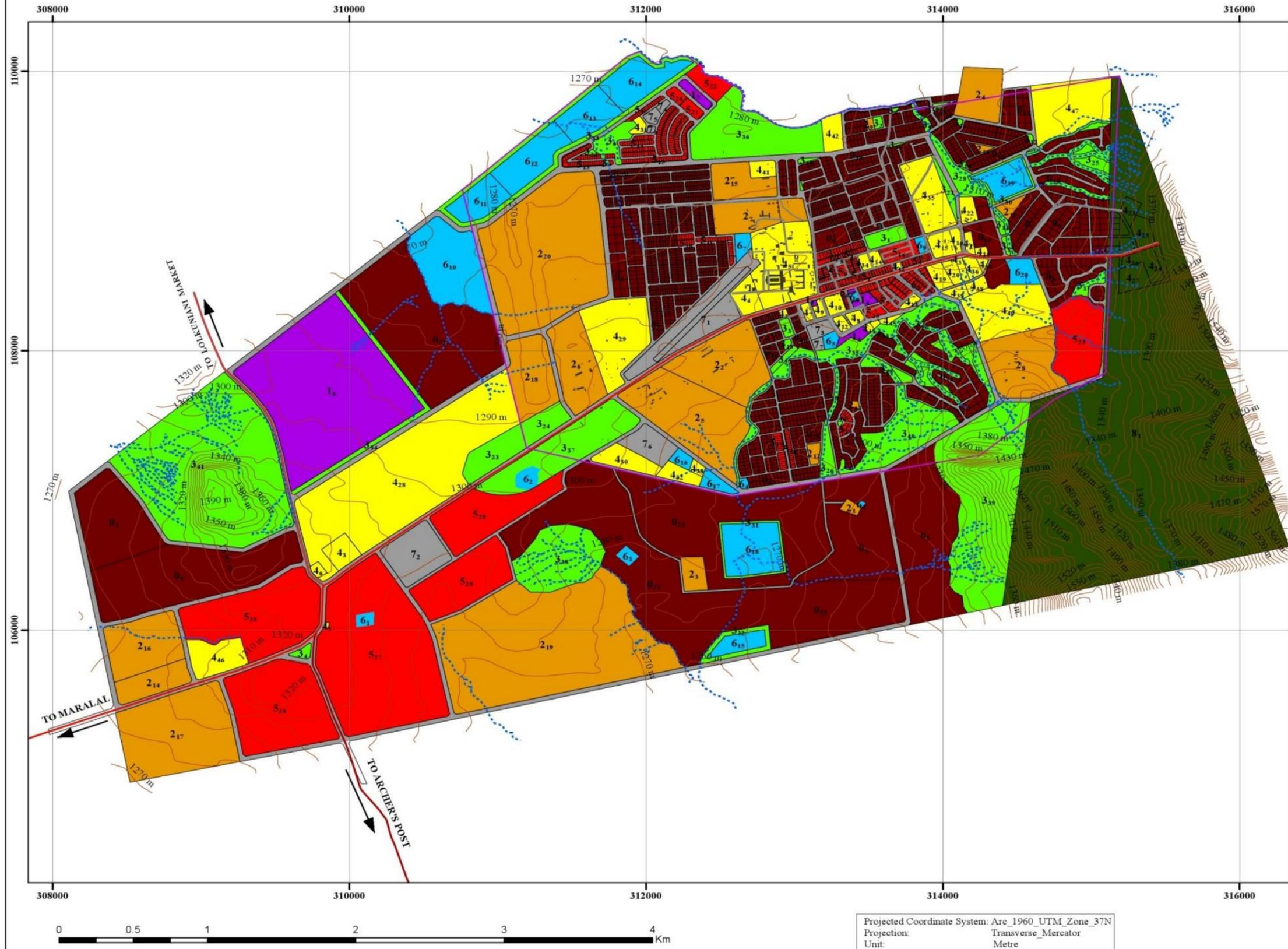


WAMBA PROJECT OUTPUTS





WAMBA TOWNSHIP LOCAL PHYSICAL DEVELOPMENT PLAN (2015 - 2035)



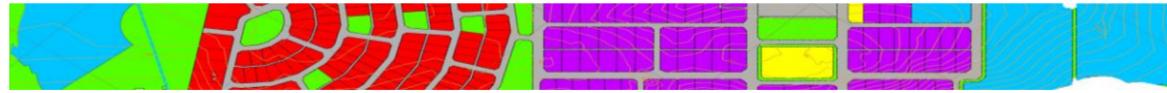
| LEGEND | | LAND USE PROPOSAL | |
|--------|--------------|-------------------|----------------|
| --- | PARCELS | [Red] | COMMERCIAL |
| --- | LADA | [Green] | EDUCATIONAL |
| --- | CONTOURS 10m | [Blue] | FOREST |
| [Red] | ROAD CLASS | [Yellow] | INDUSTRIAL |
| [Red] | C7B | [Purple] | PUBLIC PURPOSE |
| [Red] | C7C | [Orange] | PUBLIC UTILITY |
| [Red] | C7D | [Light Green] | RECREATIONAL |
| [Red] | C7E | [Light Blue] | RESIDENTIAL |
| [Red] | C7F | [Dark Green] | FOREST |
| [Red] | C7G | [Dark Blue] | FOREST |
| [Red] | C7H | [Dark Purple] | FOREST |
| [Red] | C7I | [Dark Orange] | FOREST |
| [Red] | C7J | [Dark Yellow] | FOREST |
| [Red] | C7K | [Dark Green] | FOREST |
| [Red] | C7L | [Dark Blue] | FOREST |
| [Red] | C7M | [Dark Purple] | FOREST |
| [Red] | C7N | [Dark Orange] | FOREST |
| [Red] | C7O | [Dark Yellow] | FOREST |
| [Red] | C7P | [Dark Green] | FOREST |
| [Red] | C7Q | [Dark Blue] | FOREST |
| [Red] | C7R | [Dark Purple] | FOREST |
| [Red] | C7S | [Dark Orange] | FOREST |
| [Red] | C7T | [Dark Yellow] | FOREST |
| [Red] | C7U | [Dark Green] | FOREST |
| [Red] | C7V | [Dark Blue] | FOREST |
| [Red] | C7W | [Dark Purple] | FOREST |
| [Red] | C7X | [Dark Orange] | FOREST |
| [Red] | C7Y | [Dark Yellow] | FOREST |
| [Red] | C7Z | [Dark Green] | FOREST |

| LAND USE NUMBER | LAND USE NAME | AREA IN HECTARES |
|-----------------|-------------------------|------------------|
| 1 | RESIDENTIAL | 100.00 |
| 2 | PROPOSED UNIVERSITY | 10.00 |
| 3 | PROPOSED MEDIUM DENSITY | 10.00 |
| 4 | PROPOSED HIGH DENSITY | 10.00 |
| 5 | INDUSTRIAL | 10.00 |
| 6 | EXISTING PETROL STATION | 1.00 |
| 7 | EXISTING KIOSK/SHOP | 1.00 |
| 8 | PROPOSED JICA HOUSE | 1.00 |
| 9 | PROPOSED JICA HOUSE | 1.00 |
| 10 | PROPOSED JICA HOUSE | 1.00 |
| 11 | PROPOSED JICA HOUSE | 1.00 |
| 12 | PROPOSED JICA HOUSE | 1.00 |
| 13 | PROPOSED JICA HOUSE | 1.00 |
| 14 | PROPOSED JICA HOUSE | 1.00 |
| 15 | PROPOSED JICA HOUSE | 1.00 |
| 16 | PROPOSED JICA HOUSE | 1.00 |
| 17 | PROPOSED JICA HOUSE | 1.00 |
| 18 | PROPOSED JICA HOUSE | 1.00 |
| 19 | PROPOSED JICA HOUSE | 1.00 |
| 20 | PROPOSED JICA HOUSE | 1.00 |
| 21 | PROPOSED JICA HOUSE | 1.00 |
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| 99 | PROPOSED JICA HOUSE | 1.00 |
| 100 | PROPOSED JICA HOUSE | 1.00 |

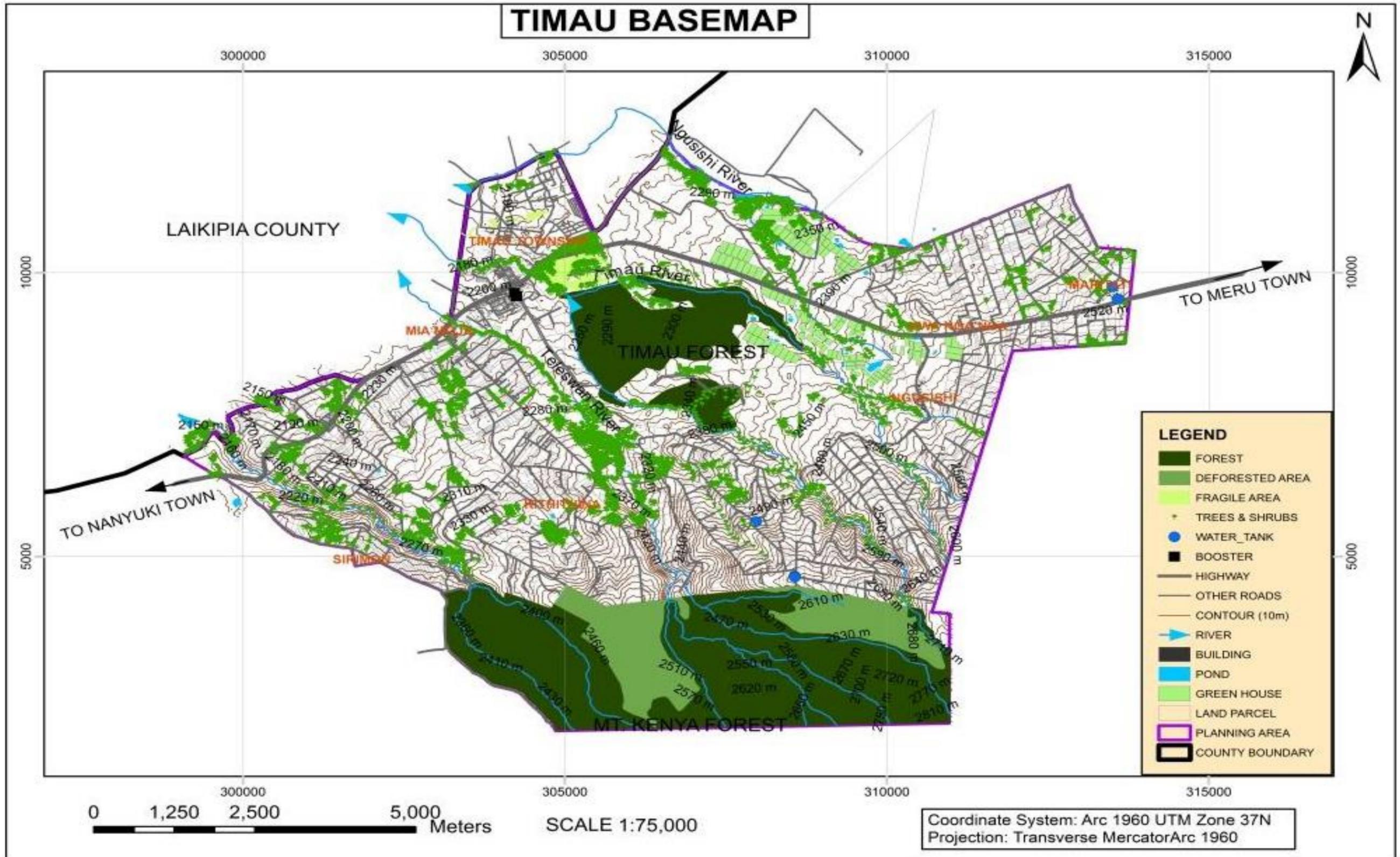
COUNTY GOVERNMENT OF SAMBIE
 DETAILED PLAN(2015-2035)
 WAMBA TOWNSHIP

SCALE: 1:5000
 PREPARED BY: PLANNING SECTION
 DATE: _____
 APPROVED BY: _____
 DATE: _____
 COUNTY GOVERNMENT OF SAMBIE
 P.O. BOX 1111, MARALAL
 TEL: 011-1111111, FAX: 011-1111111

Projected Coordinate System: Arc_1960_UTM_Zone_37N
 Projection: Transverse_Mercator
 Unit: Metre

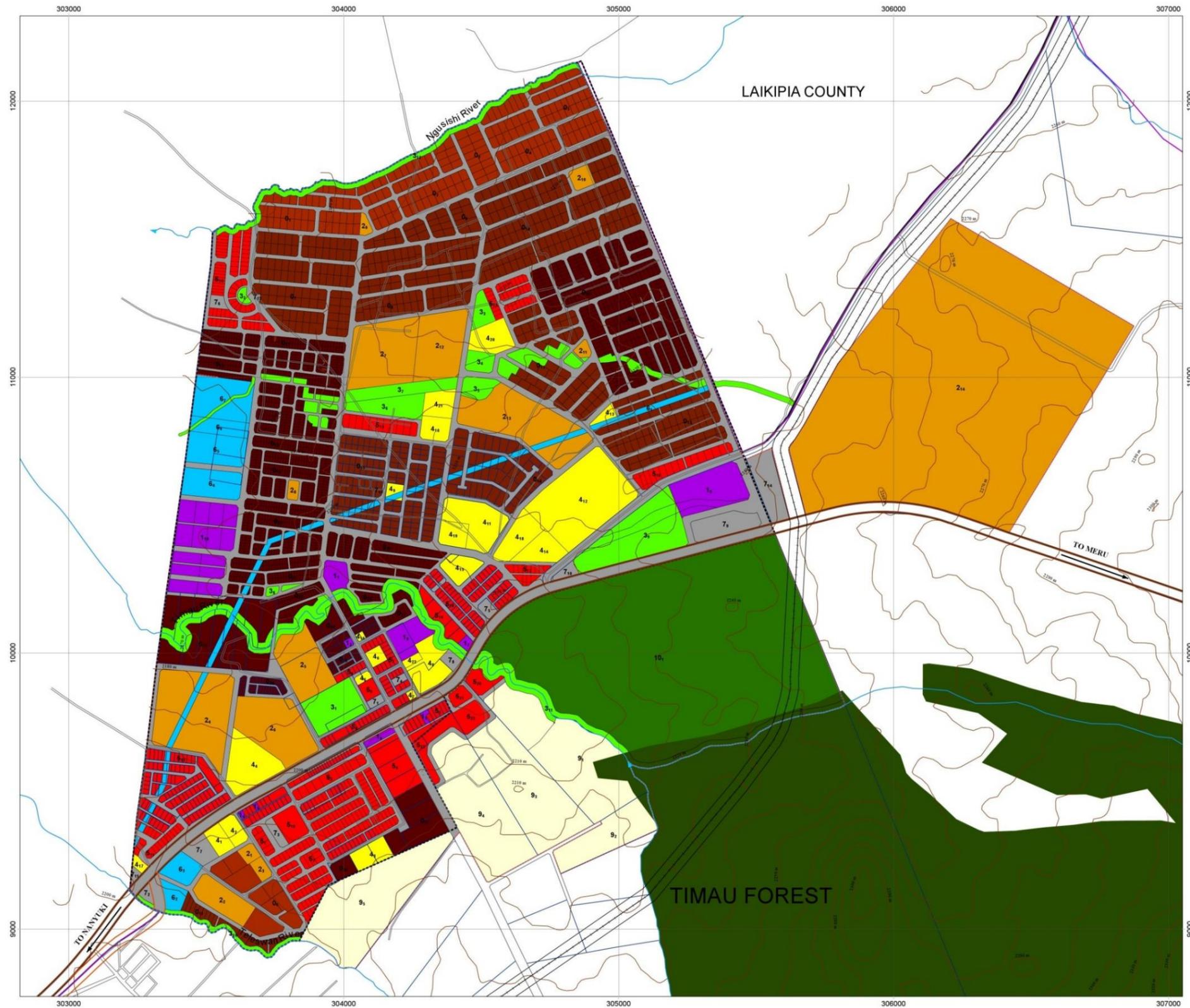


DIGITAL TOPOGRAPHICAL MAPPING AND INTEGRATED STRATEGIC DEVELOPMENT PLAN FOR TIMAU TOWNSHIP AND ITS ENVIRONS - DESIGN OUPUTS





TIMAU TOWNSHIP DETAILED LAND USE PLAN (2015 - 2035)



LEGEND

| | |
|------------------------------|------------------------------|
| — RIVER | — LAND USE |
| — CONTOUR 10m | — AGRICULTURAL |
| — OTHER ROADS | — COMMERCIAL |
| — OLD ROAD | — CONSERVATION |
| — PROPOSED RAILWAY | — EDUCATIONAL |
| — EXISTING HIGHWAY | — INDUSTRIAL |
| — FIXED SURVEY | — LOW DENSITY RESIDENTIAL |
| — PARCELS | — MEDIUM DENSITY RESIDENTIAL |
| — OLD TOWNSHIP BOUNDARY | — HIGH DENSITY RESIDENTIAL |
| — EXTENDED TOWNSHIP BOUNDARY | — PUBLIC PURPOSE |
| — PLANNING AREA | — PUBLIC UTILITY |
| — COUNTY BOUNDARY | — RECREATIONAL |
| — FOREST | — TRANSPORTATION |

| LAND USE NUMBER | LAND USE NAME | AREA IN HECTARES |
|-----------------|--|------------------|
| 0 | RESIDENTIAL | 148.33 |
| 0 ₁ | PROPOSED LOW DENSITY | 34.47 |
| 0 ₂ | PROPOSED MEDIUM DENSITY | 87.34 |
| 0 ₃ | PROPOSED HIGH DENSITY | 26.52 |
| 1 | INDUSTRIAL | 12.57 |
| 1 ₁ | EXISTING BLAGHTY HOUSE | 0.05 |
| 1 ₂ | EXISTING WOMA MARKET | 0.05 |
| 1 ₃ | EXISTING PETROL STATION | 0.10 |
| 1 ₄ | EXISTING FILING STATION | 0.10 |
| 1 ₅ | PROPOSED PETROL STATION | 0.20 |
| 1 ₆ | PROPOSED FILING STATION | 0.17 |
| 1 ₇ | PROPOSED BAKALU SHEDS | 0.07 |
| 1 ₈ | PROPOSED LIGHT INDUSTRIAL | 2.28 |
| 2 | EDUCATIONAL | 119.28 |
| 2 ₁ | EXISTING TIMAU NURSERY | 0.37 |
| 2 ₂ | EXISTING PRIMARY SCHOOL | 2.41 |
| 2 ₃ | EXISTING OUR LADY OF VISITATION PRIMARY SCHOOL | 2.28 |
| 2 ₄ | EXISTING BOB TRAINING PRIMARY SCHOOL | 2.62 |
| 2 ₅ | EXISTING OUR LADY OF VISITATION GIRLS SECONDARY SCHOOL | 10.00 |
| 2 ₆ | EXISTING SECONDARY SCHOOL | 0.50 |
| 2 ₇ | PROPOSED NURSERY SCHOOL | 1.47 |
| 2 ₈ | PROPOSED PRIMARY SCHOOL | 1.47 |
| 2 ₉ | PROPOSED LEVEL COLLEGE | 1.80 |
| 2 ₁₀ | PROPOSED UNIVERSITY | 80.86 |
| 3 | RECREATIONAL | 33.34 |
| 3 ₁ | EXISTING GOLF COURSE | 0.00 |
| 3 ₂ | PROPOSED PUBLIC PARK | 0.00 |
| 3 ₃ | PROPOSED PLAYGROUND | 0.00 |
| 3 ₄ | PROPOSED RECREATIONAL PARK | 0.00 |
| 3 ₅ | PROPOSED GOLF COURSE | 0.00 |
| 3 ₆ | PROPOSED RECREATION RESERVE | 14.39 |
| 4 | PUBLIC PURPOSE | 28.20 |
| 4 ₁ | EXISTING CHURCH | 0.17 |
| 4 ₂ | EXISTING PUBLIC LIBRARY | 0.18 |
| 4 ₃ | EXISTING ST STEPHEN CATHOLIC HOME | 1.00 |
| 4 ₄ | EXISTING CATHOLIC MISSION | 2.00 |
| 4 ₅ | EXISTING SOCIAL HALL | 0.10 |
| 4 ₆ | EXISTING SUB COUNTY OFFICES | 0.17 |
| 4 ₇ | EXISTING POST OFFICE | 0.10 |
| 4 ₈ | EXISTING POLICE STATION | 1.88 |
| 4 ₉ | EXISTING MOSQUE | 0.25 |
| 4 ₁₀ | EXISTING FISH MARKET | 0.00 |
| 4 ₁₁ | EXISTING NATIONAL GOVERNMENT OFFICES | 0.01 |
| 4 ₁₂ | EXISTING TIMAU HOSPITAL | 0.00 |
| 4 ₁₃ | EXISTING CHURCH | 0.07 |
| 4 ₁₄ | PROPOSED SUB COUNTY OFFICES | 1.60 |
| 4 ₁₅ | PROPOSED LAW COURTS | 0.00 |
| 4 ₁₆ | PROPOSED CHURCH | 1.50 |
| 4 ₁₇ | PROPOSED MRLU OFFICE | 0.20 |
| 4 ₁₈ | PROPOSED COMMUNITY CENTRE | 1.00 |
| 5 | COMMERCIAL | 40.25 |
| 5 ₁ | EXISTING COMMERCIAL PLOTS | 17.12 |
| 5 ₂ | EXISTING RETAIL MARKET | 0.00 |
| 5 ₃ | EXISTING OPEN AIR MARKET | 1.50 |
| 5 ₄ | EXISTING CARD SHOP | 0.10 |
| 5 ₅ | PROPOSED COMMERCIAL PLOTS | 21.53 |
| 6 | PUBLIC UTILITY | 13.32 |
| 6 ₁ | EXISTING POWER WAY LEASE | 4.54 |
| 6 ₂ | PROPOSED POWER SUBSTATION | 0.73 |
| 6 ₃ | PROPOSED PIPE STATION | 1.13 |
| 6 ₄ | PROPOSED WASTE TREATMENT SITE | 7.12 |
| 6 ₅ | PROPOSED WASTE MANAGEMENT SITE | 0.22 |
| 6 ₆ | PROPOSED MUSLIM CEMETERY | 1.12 |
| 6 ₇ | PROPOSED CHRISTIAN CEMETERY | 0.88 |
| 7 | TRANSPORTATION | 113.12 |
| 7 ₁ | EXISTING BUS TERMINUS | 0.18 |
| 7 ₂ | PROPOSED PARKING LOT | 1.31 |
| 7 ₃ | PROPOSED BUS TERMINUS | 0.10 |
| 7 ₄ | PROPOSED BOSA BOSA SHEDS | 0.01 |
| 7 ₅ | PROPOSED ROAD RESERVE | 108.88 |
| 7 ₆ | PROPOSED RAILWAY STATION | 2.21 |
| 8 | AGRICULTURAL | 00.00 |
| 8 ₁ | EXISTING AGRICULTURAL LAND | 00.00 |
| 9 | CONSERVATION | 00.00 |
| 9 ₁ | PROPOSED CONSERVATION AREA | 00.00 |
| TOTAL | | 422.79 |

COUNTY GOVERNMENT OF MERU
 INTEGRATED STRATEGIC URBAN DEVELOPMENT PLAN (ISUDP)
 2015 - 2035

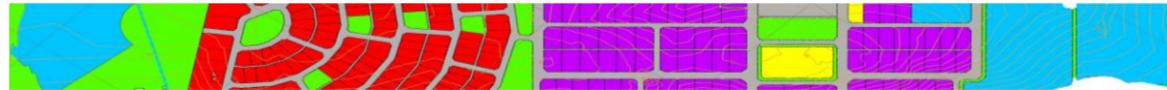
PREPARED BY: PLANNER MUTUMABU
 PFP No. 151
 SCALE: 1:5000

COUNTY GOVERNMENT OF MERU
 P.O. Box 1204006, MERU

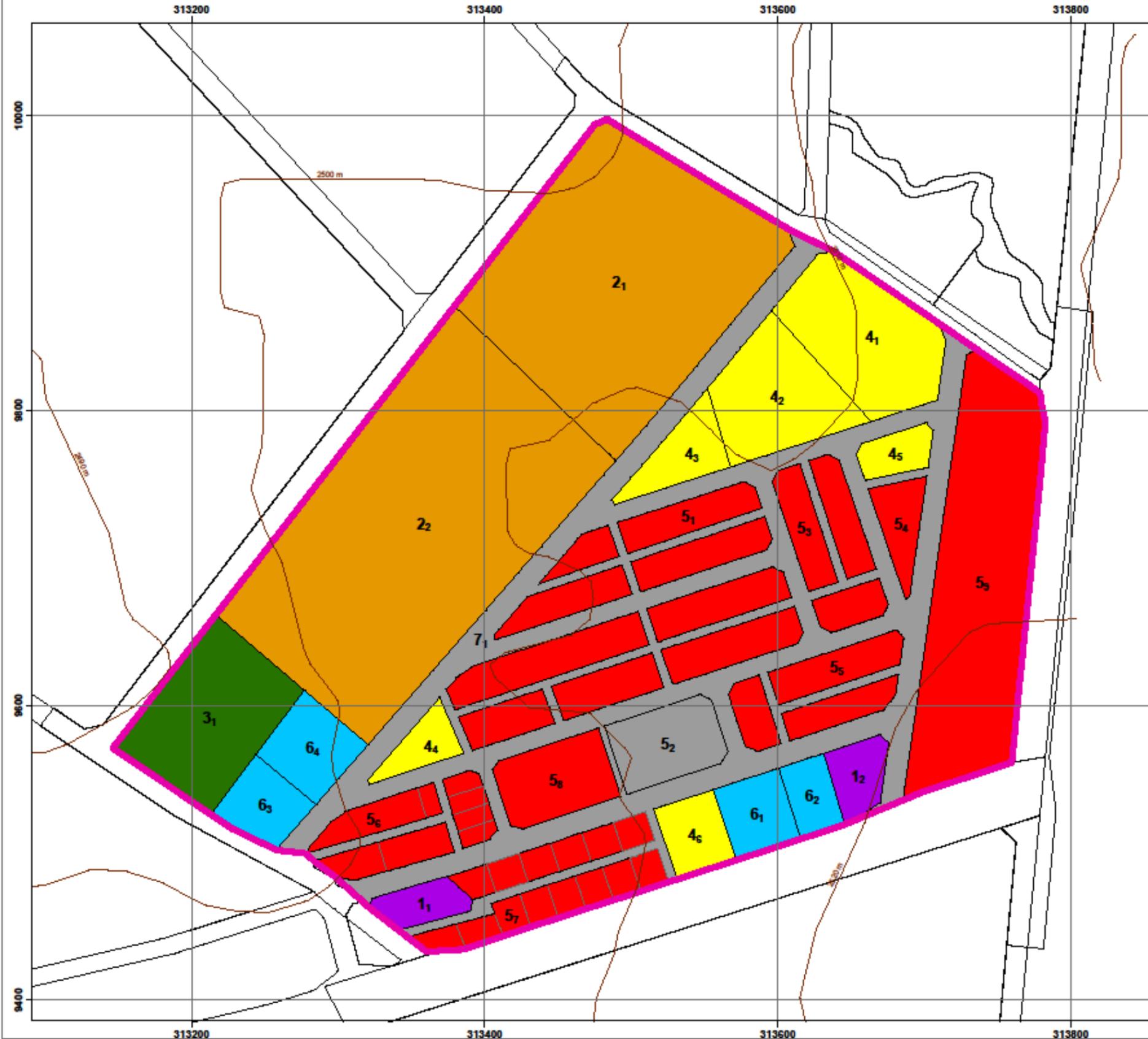
COORDINATOR: MUTUMABU
 DATE: _____
 SIGNATURE: _____
 TITLE: PLANNER

Supervised by: DIRECTOR, PHYSICAL PLANNING DEPARTMENT, MERU COUNTY

Coordinate System: Arc 1960 UTM Zone 37N
 Projection: Transverse_Mercator
 Unit: Metre



MARITATI ACTION AREA PLAN



LEGEND

| | |
|---------------|---------------------------|
| CONTOUR | RECREATIONAL_CONSERVATION |
| PLANNING AREA | PUBLIC PURPOSE |
| INDUSTRIAL | COMMERCIAL |
| EDUCATIONAL | PUBLIC UTILITY |
| | TRANSPORTATION |

| LAND USE NUMBER | LAND USE NAME | AREA IN HECTARES |
|-----------------|----------------------------|------------------|
| 1 | INDUSTRIAL | 0.33 |
| 1 ₁ | EXISTING PETROL STATION | 0.15 |
| 1 ₂ | PROPOSED PETROL STATION | 0.17 |
| 2 | EDUCATIONAL | 6.98 |
| 2 ₁ | EXISTING PRIMARY SCHOOL | 2.80 |
| 2 ₂ | EXISTING SECONDARY SCHOOL | 3.70 |
| 3 | CONSERVATIONAL | 0.88 |
| 3 ₁ | PROPOSED CONSERVATIONAL | 0.88 |
| 4 | PUBLIC PURPOSE | 2.18 |
| 4 ₁ | EXISTING POLICE POST | 0.79 |
| 4 ₂ | EXISTING DISPENSARY | 0.52 |
| 4 ₃ | EXISTING CHURCH | 0.40 |
| 4 ₄ | EXISTING CHIEF'S CAMP | 0.14 |
| 4 ₅ | PROPOSED SOCIAL HALL | 0.21 |
| 5 | COMMERCIAL | 6.27 |
| 5 ₁ | EXISTING COMMERCIAL PLOTS | 3.43 |
| 5 ₂ | PROPOSED COMMERCIAL PLOTS | 0.89 |
| 5 ₃ | PROPOSED OPEN AIR MARKET | 0.38 |
| 5 ₄ | PROPOSED FUTURE COMMERCIAL | 1.80 |
| 6 | PUBLIC UTILITY | 0.84 |
| 6 ₁ | EXISTING WATER TANK | 0.24 |
| 6 ₂ | PROPOSED BOREHOLE | 0.16 |
| 6 ₃ | PROPOSED W.C.P | 0.25 |
| 6 ₄ | PROPOSED SEPTIC TANK | 0.30 |
| 7 | TRANSPORTATION | 4.50 |
| 7 ₁ | PROPOSED ROAD RESERVE | 4.14 |
| 7 ₂ | PROPOSED BUS PARK | 0.36 |
| TOTAL | | 21.88 |

COUNTY GOVERNMENT OF MERU
 TRADITIONAL & RUSTIC URBAN DEVELOPMENT PLAN (RUPD) (2019-2024)

PREPARED BY: PLANNING SECTION MERU
 DATE: _____

SCALE 1:500

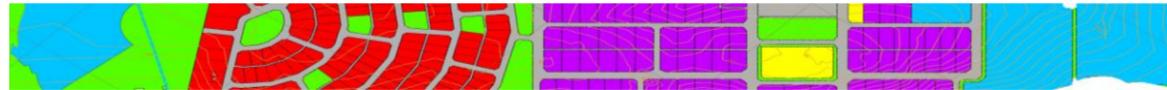
COUNTY GOVERNMENT OF MERU
 P.O. Box 104000 MERU

ISSUED BY: DIRECTOR, PHYSICAL PLANNING DEPARTMENT MERU COUNTY

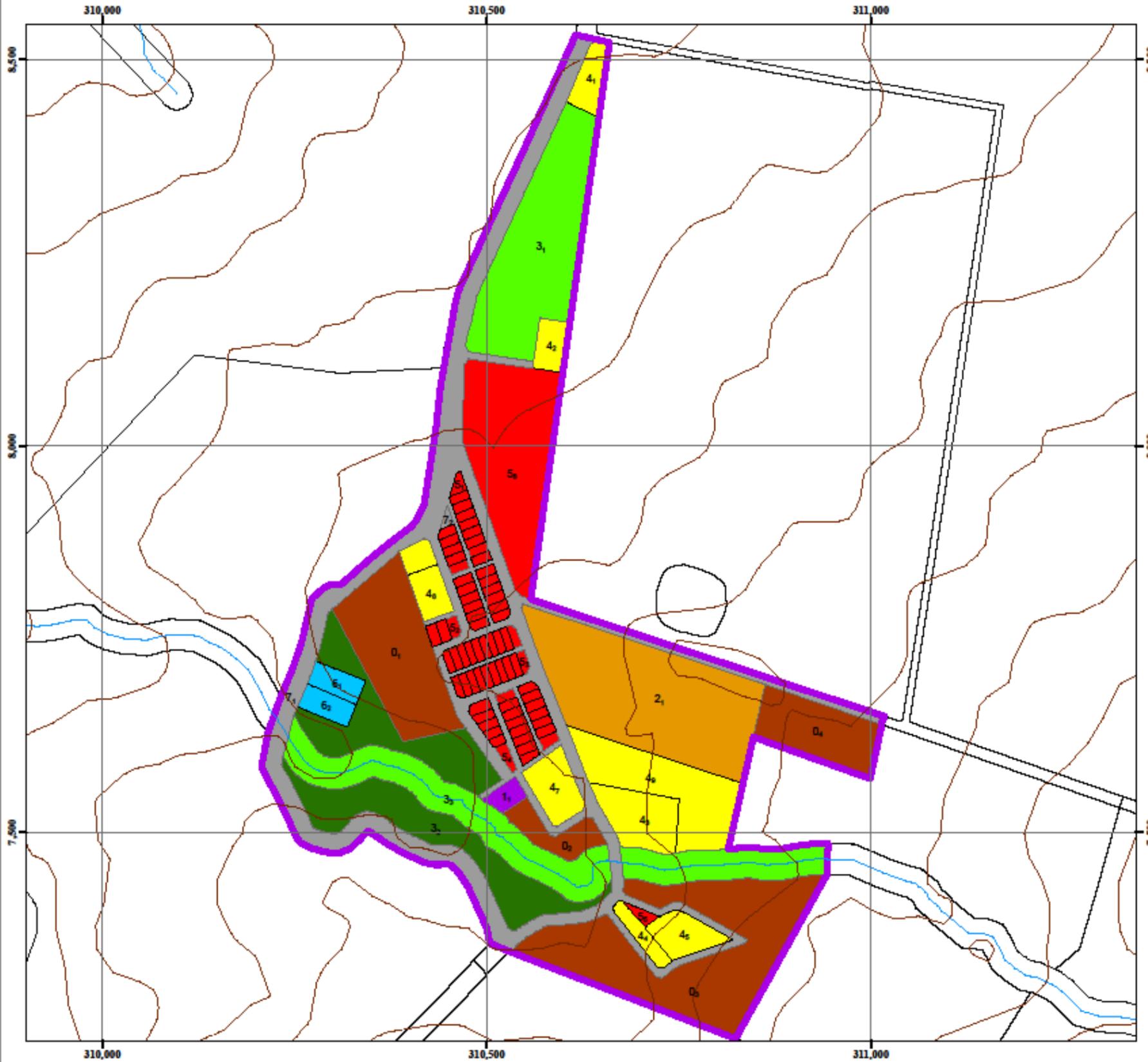
MAP PROPERTIES

Coordinate System: UTM Zone 37N
 Projection: Transverse Mercator
 Datum: Arc 1960
 Unit: Meter

SCALE 1: 2500



NGUSISHI MARKET ACTION AREA PLAN (2015-2035)



LEGEND

| | | |
|---|--------------|----------------|
| — | CONTOURS 10m | LANDUSE |
| — | RIVER | RESIDENTIAL |
| □ | ACTION AREA | INDUSTRIAL |
| | | EDUCATIONAL |
| | | RECREATIONAL |
| | | CONSERVATION |
| | | PUBLIC PURPOSE |
| | | COMMERCIAL |
| | | PUBLIC UTILITY |
| | | TRANSPORTATION |

| LAND USE NUMBER | LAND USE NAME | AREA IN HECTARES |
|-----------------|----------------------------------|------------------|
| 0 | RESIDENTIAL | 7.34 |
| 0a | PROPOSED MEDIUM DENSITY | 7.34 |
| 1 | INDUSTRIAL | 0.14 |
| 1a | EXISTING SLAUGHTERHOUSE | 0.14 |
| 2 | EDUCATIONAL | 3.03 |
| 2a | EXISTING MACARINA PRIMARY SCHOOL | 3.03 |
| 3 | RECREATIONAL | 8.81 |
| 3a | PROPOSED PLAYGROUND | 2.94 |
| 3b | PROPOSED CONSERVATION | 3.40 |
| 3c | PROPOSED RIPARIAN | 3.17 |
| 4 | PUBLIC PURPOSE | 4.27 |
| 4a | EXISTING CHURCH | 1.28 |
| 4b | EXISTING KAG CHURCH | 0.19 |
| 4c | EXISTING CHURCH | 0.15 |
| 4d | EXISTING CATHOLIC CHURCH | 0.39 |
| 4e | EXISTING MOSQUE | 0.48 |
| 4f | EXISTING CHIEF'S CAMP | 0.27 |
| 4g | PROPOSED ADMINISTRATIVE | 1.51 |
| 5 | COMMERCIAL | 4.80 |
| 5a | EXISTING COMMERCIAL PLOTS | 4.80 |
| 6 | PUBLIC UTILITIES | 0.44 |
| 6a | PROPOSED COLLECTION POINT | 0.22 |
| 6b | PROPOSED SEPTIC TANK | 0.22 |
| 7 | TRANSPORTATION | 7.13 |
| 7a | ROAD RESERVE | 7.11 |
| 7b | PROPOSED PARKING | 0.02 |
| TOTAL | | 37.46 |

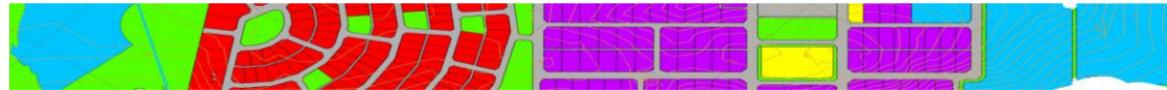
COUNTY GOVERNMENT OF MERU

7.5/11/15 (REVISED BY LAND USE PLAN DEPARTMENT) 4. JANUARY 2016

PREPARED BY: PLANNING SECTION/URS
REF: M/15
DATE: _____
DRAWN BY: _____
CHECKED BY: _____
SCALE: 1:5000
COUNTY GOVERNMENT OF MERU
P.O. BOX 100000, MERU
RENNAISSANCE PLANNING LTD.
10001, MARKET STREET, NAIROBI
TEL: 011-254-20-2711111
WWW.RENNAISSANCEPLANNING.COM

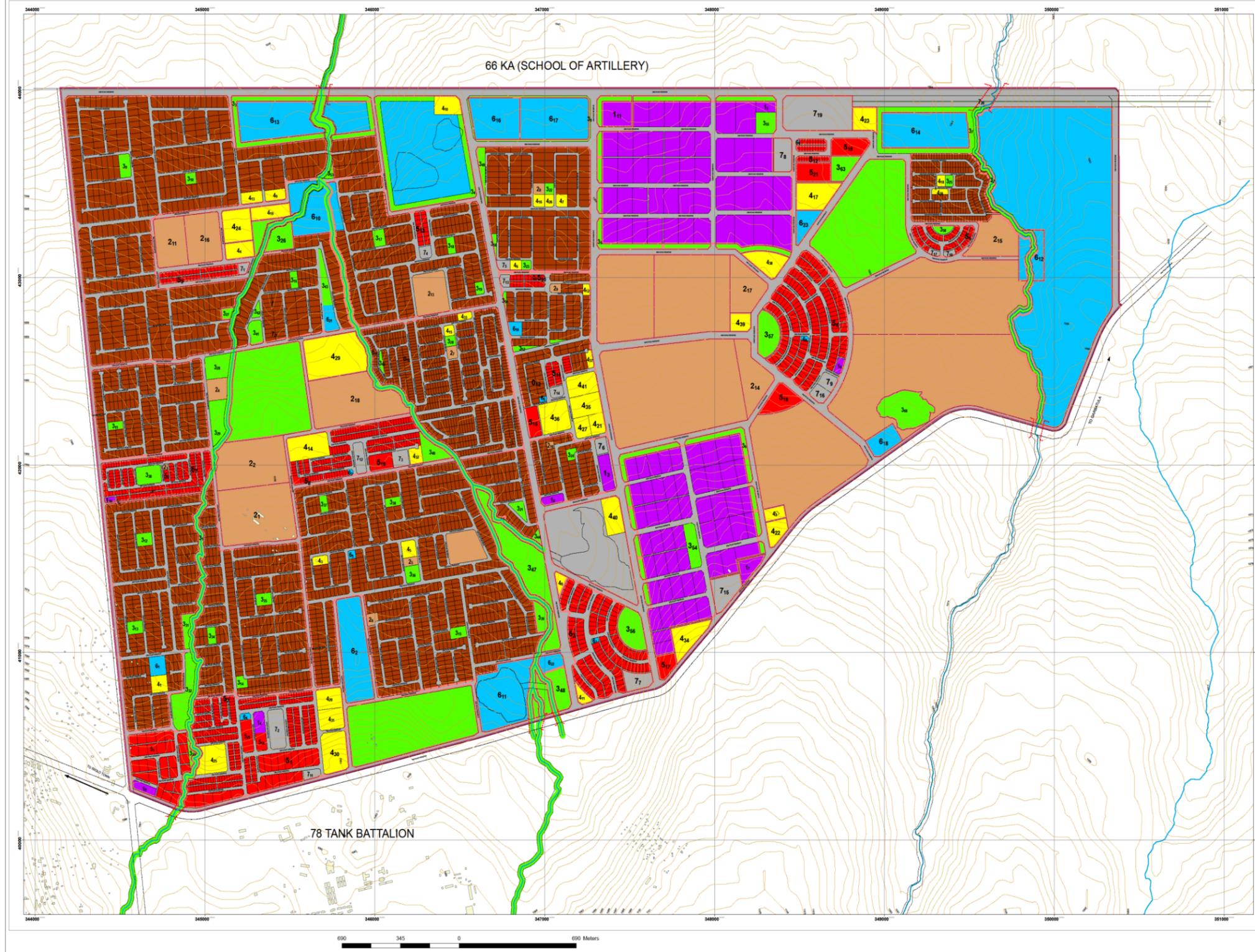
APPROVED BY: EXECUTIVE DIRECTOR, PLANNING DEPARTMENT, MERU COUNTY

Coordinate System: WGS 1984 UTM zone 37N
 Projection: Transverse Mercator
 Datum: WGS 1984
 Units: Meter



NTURINGWI "A" PROJECT OUTPUT

LOCAL PHYSICAL DEVELOPMENT PLAN -NTURINGWI "A" TOWNSHIP



LEGEND

| | |
|---------------------------------|-----------------|
| • BOREHOLE | LAND USE |
| — EXISTING_LAGA | RESIDENTIAL |
| --- BRIDGE | INDUSTRIAL |
| — CONTOUR | EDUCATIONAL |
| — PROPOSED_RAILWAY_LINE | RECREATIONAL |
| — RIVER_MAJI_YA_CHUMVI | PUBLIC PURPOSE |
| — PARCELS | COMMERCIAL |
| — BUILDINGS | PUBLIC UTILITY |
| — PROPOSED_NTURINGWI_A_TOWNSHIP | TRANSPORTATION |
| — ZONE_BOUNDARY | |

LAND_USE_PROPOSALS

| LAND USE NUMBER | LAND USE NAME | AREA HECTARES |
|-----------------|---------------------------------------|---------------|
| 1 | RESERVE | 48.19 |
| 2.1a | PROPOSED LOW DENSITY | 188.44 |
| 2.1b | PROPOSED MEDIUM DENSITY | 20.10 |
| 2.1c | PROPOSED HIGH DENSITY | 42.13 |
| 3 | RECREATIONAL | 122.31 |
| 3.1 | PROPOSED HEAVY RECREATIONAL PARK | 42.34 |
| 3.2 | PROPOSED LIGHT RECREATIONAL PARK | 48.36 |
| 3.3 | PROPOSED AIR KALI | 2.27 |
| 3.4 | PROPOSED PAVING LOT | 1.27 |
| 3.5 | PROPOSED SLAUGHTERHOUSE | 2.28 |
| 4 | EDUCATIONAL | 261.88 |
| 4.1 | EXISTING KEMBA PRIMARY AND NURSERY | 1.18 |
| 4.2 | EXISTING KEMBA SECONDARY | 13.12 |
| 4.3 | PROPOSED MARKET SCHOOL | 2.18 |
| 4.4 | PROPOSED PRIMARY AND NURSERY SCHOOL | 22.14 |
| 4.5 | PROPOSED SECONDARY SCHOOL | 69.17 |
| 4.6 | PROPOSED TECHNICAL TRAINING INSTITUTE | 71.14 |
| 4.7 | PROPOSED MIDDLE LEVEL COLLEGE | 18.17 |
| 4.8 | PROPOSED UNIVERSITY CAMPUS | 188.16 |
| 4.9 | PROPOSED RESEARCH AND STUDY CENTRE | |
| 5 | RESIDENTIAL | 281.48 |
| 5.1 | PROPOSED 200 IMPROVED RESERVE | 48.23 |
| 5.2 | PROPOSED 500 BUFFER | 25.18 |
| 5.3 | PROPOSED 1000 BUFFER | 1.03 |
| 5.4 | PROPOSED PLAYGROUND | 7.23 |
| 5.5 | PROPOSED GREEN PARK | 8.28 |
| 5.6 | PROPOSED RECREATION PARK | 28.28 |
| 5.7 | PROPOSED CONCRETE AREA | 4.21 |
| 5.8 | PROPOSED STADIUM | 21.27 |
| 5.9 | PROPOSED SPORTS COMPLEX | 28.28 |
| 5.10 | PROPOSED SPORTS CLUB | 1.24 |
| 6 | PUBLIC PURPOSE | 187.18 |
| 6.1 | EXISTING MOSQUE | 1.28 |
| 6.2 | EXISTING CHURCH | 0.28 |
| 6.3 | EXISTING CHIEF'S CAMP | 3.43 |
| 6.4 | PROPOSED CHURCH | 1.48 |
| 6.5 | PROPOSED MOSQUE | 2.14 |
| 6.6 | PROPOSED SOCIAL HALL | 8.18 |
| 6.7 | PROPOSED POLICE POST | 7.28 |
| 6.8 | PROPOSED HEALTH CENTRE | 5.28 |
| 6.9 | PROPOSED DISPENSARY | 1.28 |
| 6.10 | PROPOSED HOSPITAL | 7.28 |
| 6.11 | PROPOSED COUNTY GOVERNMENT OFFICES | 3.27 |
| 6.12 | PROPOSED NATIONAL GOVERNMENT OFFICES | 1.44 |
| 6.13 | PROPOSED ADMINISTRATION | 1.28 |
| 6.14 | PROPOSED LAW COURT | 2.27 |
| 6.15 | PROPOSED POLICE STATION CENTRE | 2.28 |
| 6.16 | PROPOSED POST OFFICE | 0.28 |
| 6.17 | PROPOSED CULTURAL CENTRE | 0.28 |
| 6.18 | PROPOSED LIBRARY | 1.27 |
| 6.19 | PROPOSED FIRE STATION | 2.28 |
| 6.20 | PROPOSED COMMUNITY CENTRE | 2.28 |
| 7 | COMMERCIAL | 187.23 |
| 7.1 | PROPOSED COMMERCIAL CENTRE | 28.28 |
| 7.2 | PROPOSED COMMERCIAL NODE | 28.28 |
| 7.3 | PROPOSED RETAIL MARKET | 1.28 |
| 7.4 | PROPOSED SUPERMARKET | 1.28 |
| 7.5 | PROPOSED OPEN AIR MARKET | 1.28 |
| 7.6 | PROPOSED HIGH END HOTEL | 2.28 |
| 8 | PUBLIC UTILITY | 188.23 |
| 8.1 | EXISTING CANE RY | 1.28 |
| 8.2 | EXISTING SEWER | 8.28 |
| 8.3 | EXISTING BOREHOLE | 3.28 |
| 8.4 | PROPOSED WATER COLLECTION CENTRE | 2.28 |
| 8.5 | PROPOSED DAM | 18.23 |
| 8.6 | PROPOSED SENIOR TREATMENT PLANT | 22.23 |
| 8.7 | PROPOSED WATER TREATMENT | 22.27 |
| 8.8 | PROPOSED MEDIUM CEMETERY | 8.28 |
| 8.9 | PROPOSED CHRISTIAN CEMETERY | 1.28 |
| 8.10 | PROPOSED POWER STATION | 2.27 |
| 8.11 | PROPOSED POWER SUB STATION | 1.28 |
| 8.12 | PROPOSED SOLAR FARM | 28.43 |
| 8.13 | PROPOSED BOREHOLE | 3.28 |
| 9 | TRANSPORTATION | 28.28 |
| 9.1 | PROPOSED PARKING LOT | 1.22 |
| 9.2 | PROPOSED BUS TERMINAL | 1.28 |
| 9.3 | PROPOSED CENTRAL PARKING LOT | 17.28 |
| 9.4 | PROPOSED RAILWAY STATION | 7.28 |
| 9.5 | PROPOSED RAILWAY RESERVE | 1.14 |
| 9.6 | PROPOSED ROAD RESERVE | 288.22 |
| TOTAL | | 1071.84 |

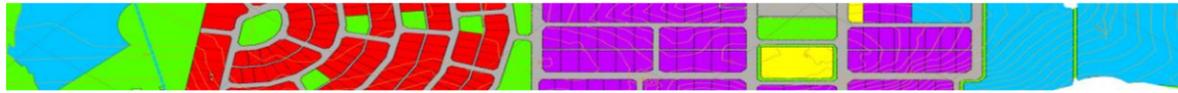
CONSULTANCY FIRM
RENAISSANCE PLANNING LTD

PREPARED BY: PFP/NO. 101
 Signature: _____ Date: _____

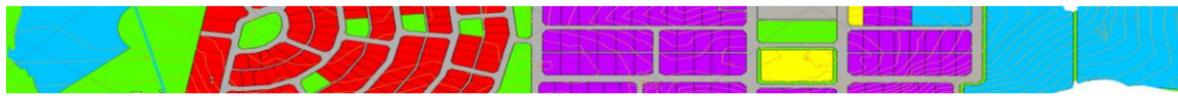
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DRAWN BY: JEDYDAH OWINGO
 KEVIN MURIEL
 DESIRENE INGATI

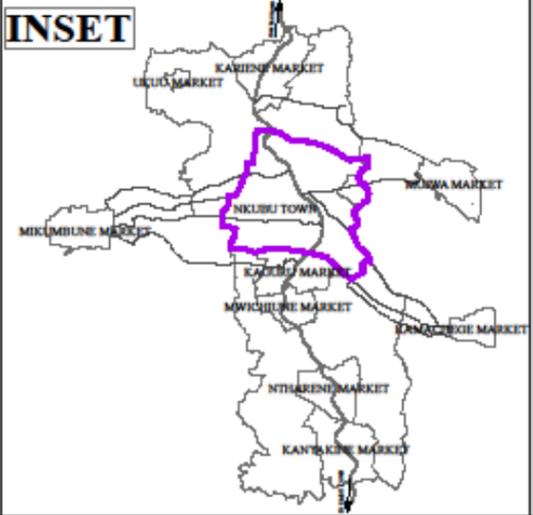
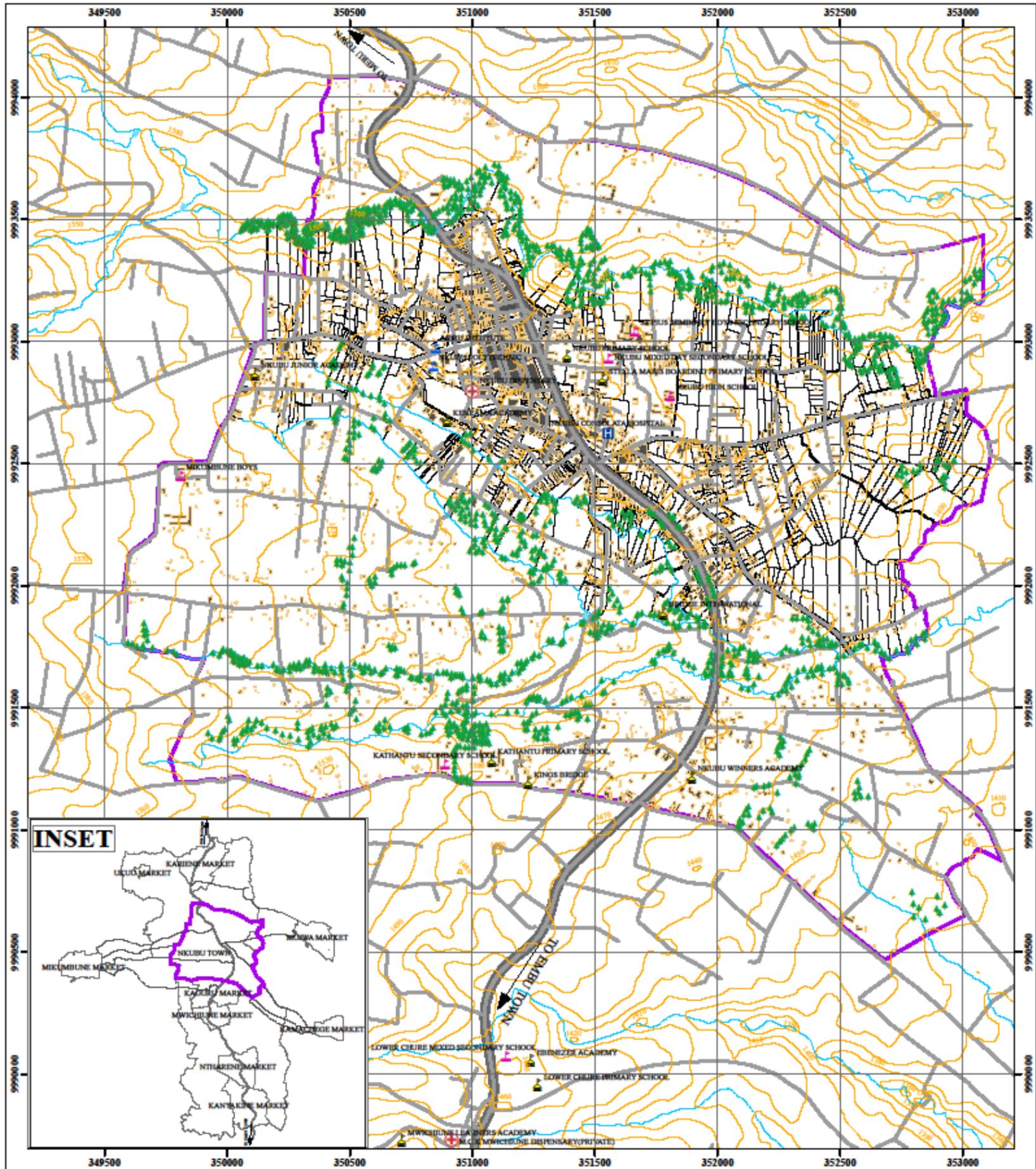
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 Project No: REN/2023/001
 Date: 15/08/2023
 Scale: 1:5,000
 Drawing No: 01/01/01
 Drawing Title: Local Physical Development Plan



**DIGITAL TOPOGRAPHICAL MAPPING AND INTEGRATED
DEVELOPMENT PLAN FOR NKUBU TOWN AND ITS ENVIRONS –
DESIGN OUTPUTS**



NKUBU TOWNSHIP BASEMAP



LEGEND

- | | |
|------------------------------|--------------------|
| TREE | CONTOUR |
| DISPENSARY | RIVER |
| PRIMARY SCHOOL | OTHER ROAD |
| SECONDARY SCHOOL | HIGHWAY |
| TERTIARY INSTITUTION | BUILDING |
| LEVEL 4 HOSPITAL (CONSOLATA) | PLANNING AREA |
| | CADASTRAL BOUNDARY |

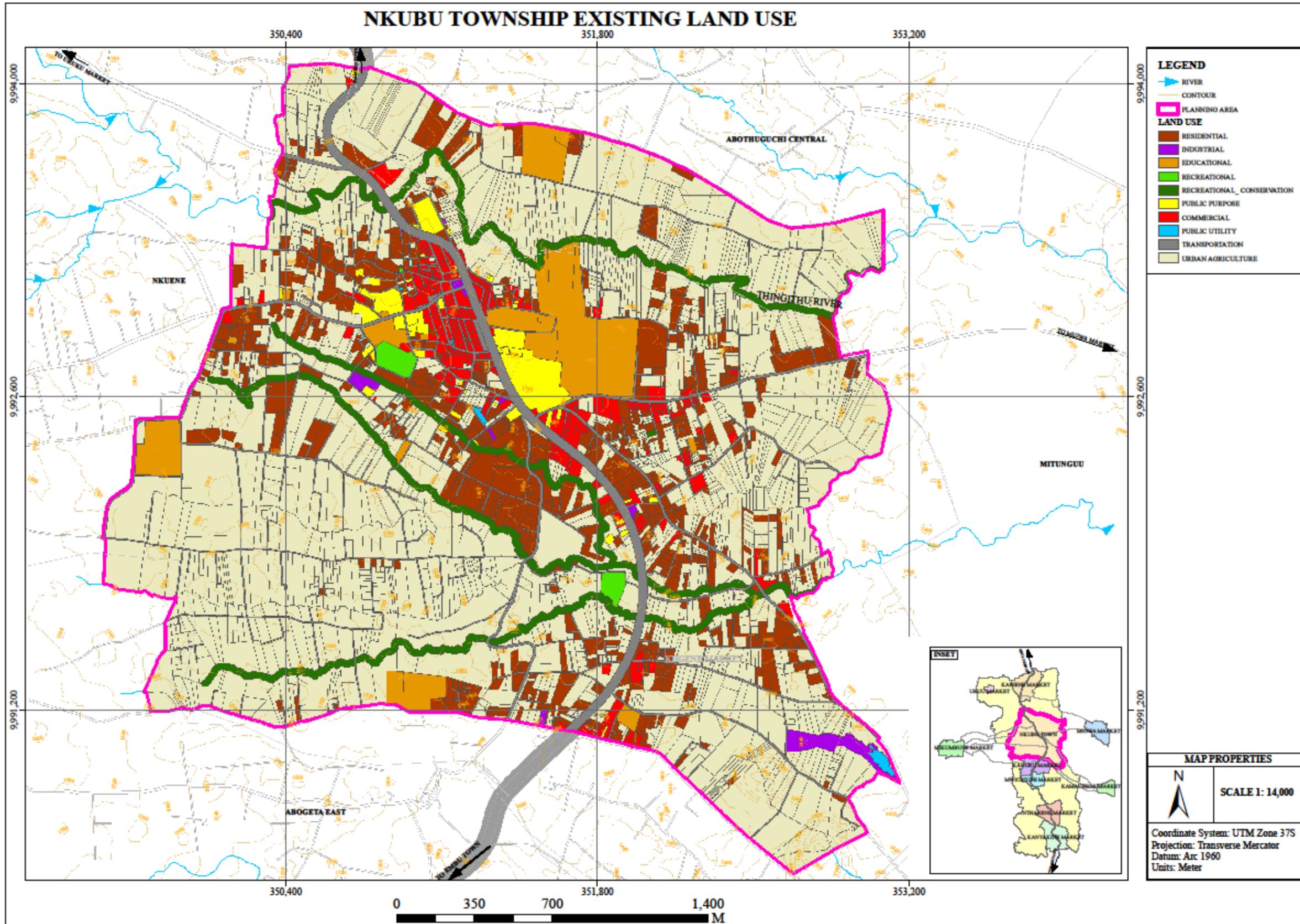
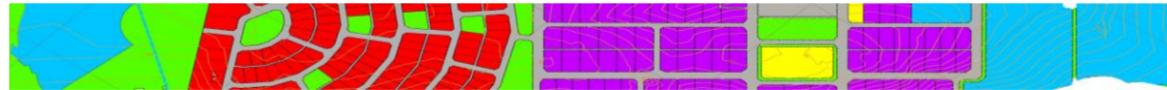
MAP PROPERTIES

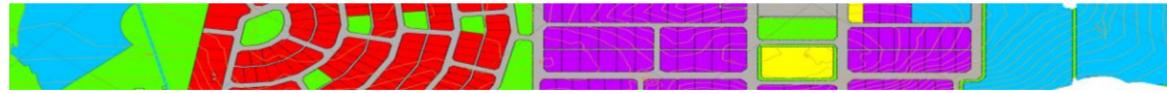


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 Units: Meter

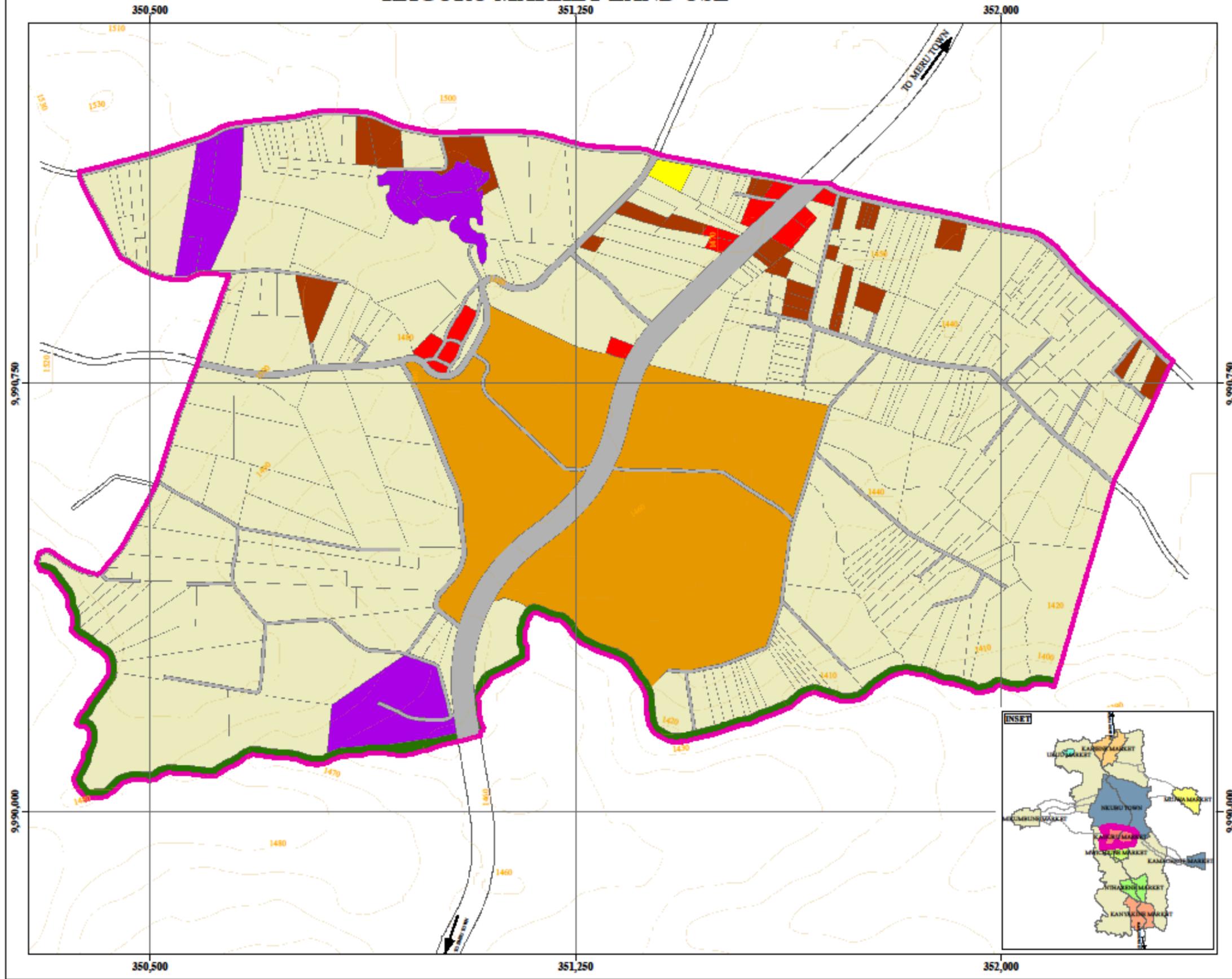
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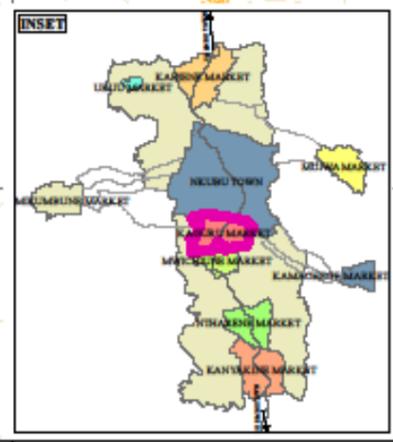


KAGURU MARKET LAND USE



LEGEND

| | | | |
|--|--------------|--|----------------------------|
| | BOUNDARY | | COMMERCIAL |
| | PLANNED AREA | | EDUCATIONAL |
| | | | INDUSTRIAL |
| | | | MULTIPURPOSE |
| | | | RECREATIONAL AND COMMUNITY |
| | | | RESIDENTIAL |
| | | | TRANSPORTATION |
| | | | URBAN AGRICULTURE |

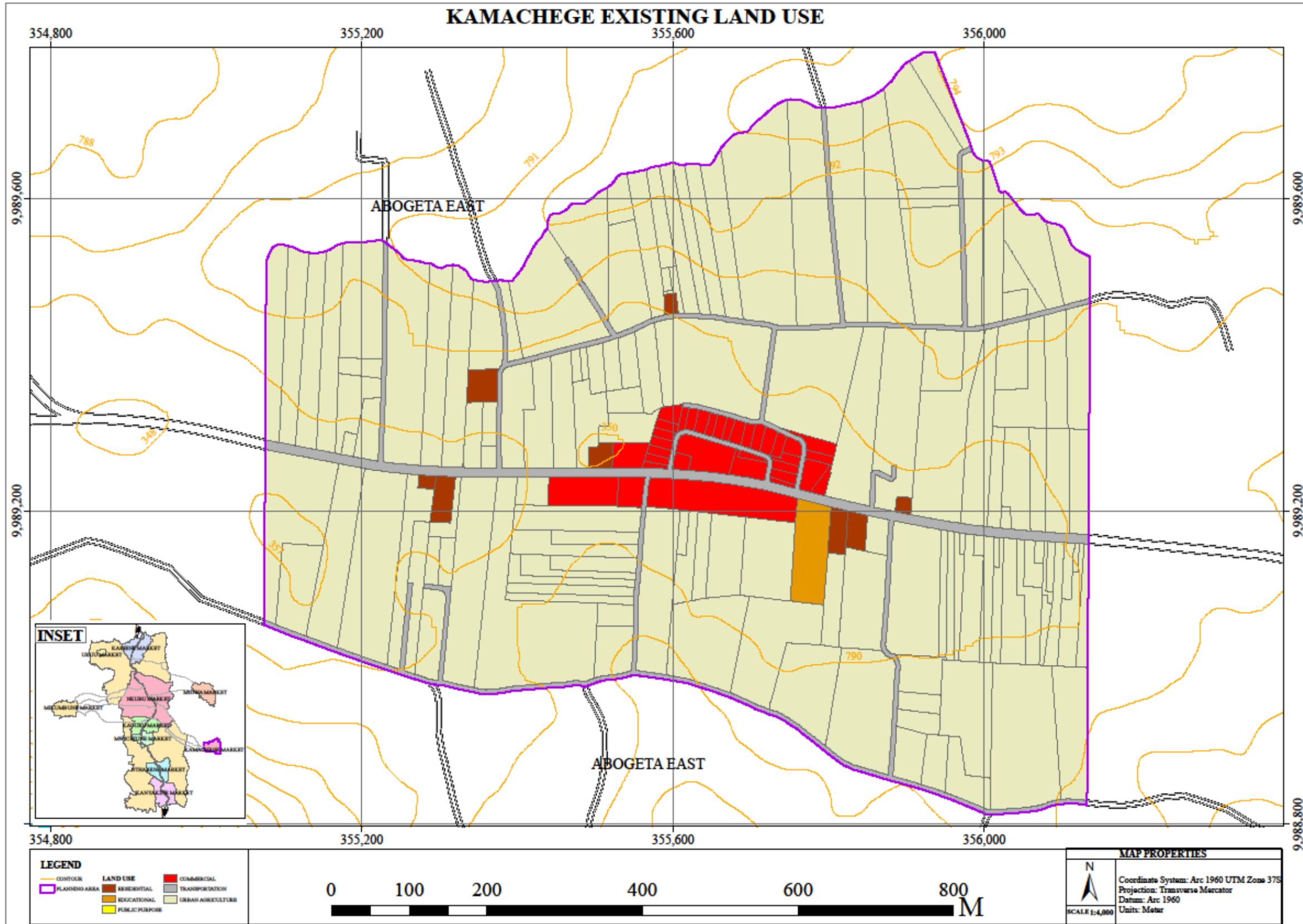
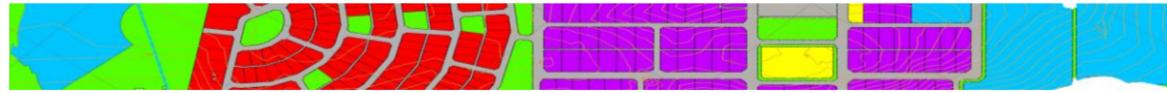


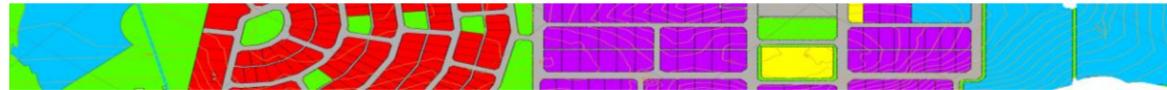
MAP PROPERTIES

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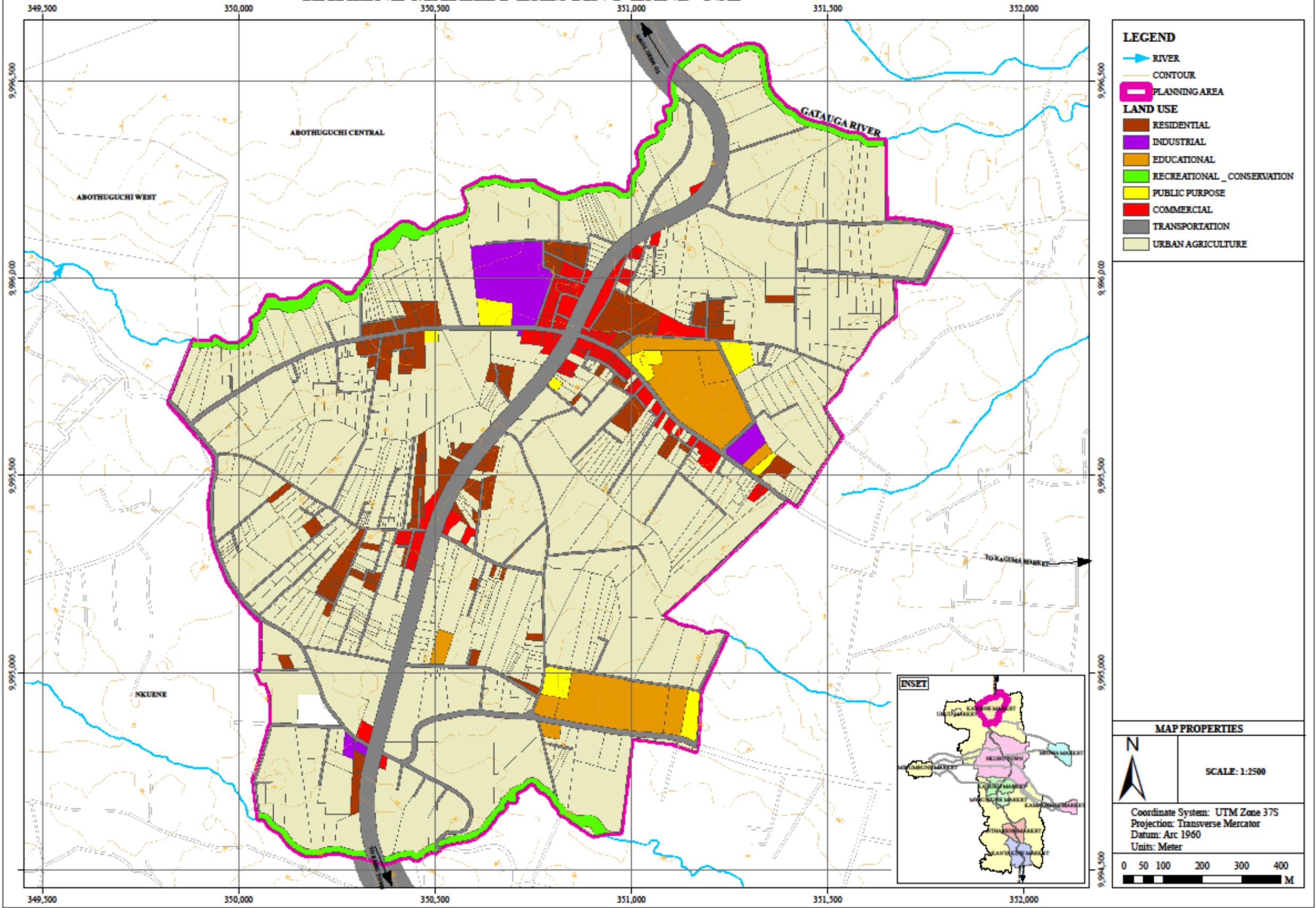
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 Projection: Transverse Mercator
 Datum: Arc 1960
 Units: Meter





KARIENE MARKET EXISTING LAND USE

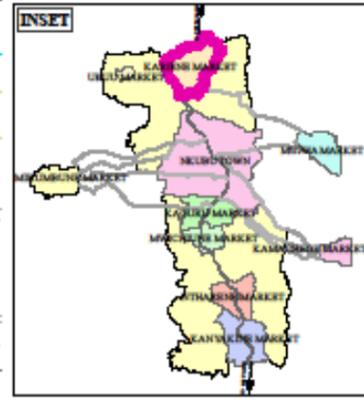


LEGEND

- RIVER
- CONTOUR
- PLANNING AREA

LAND USE

- RESIDENTIAL
- INDUSTRIAL
- EDUCATIONAL
- RECREATIONAL_CONSERVATION
- PUBLIC PURPOSE
- COMMERCIAL
- TRANSPORTATION
- URBAN AGRICULTURE



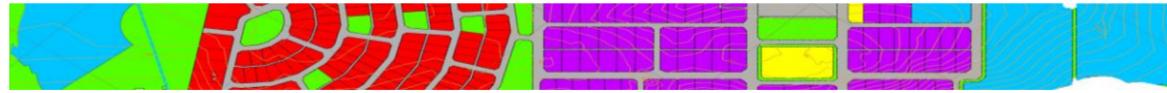
MAP PROPERTIES

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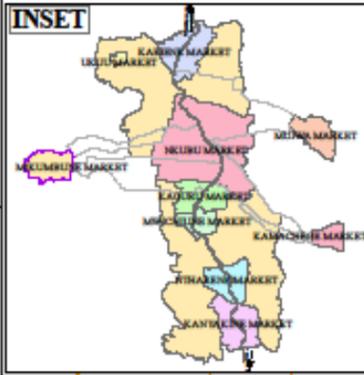
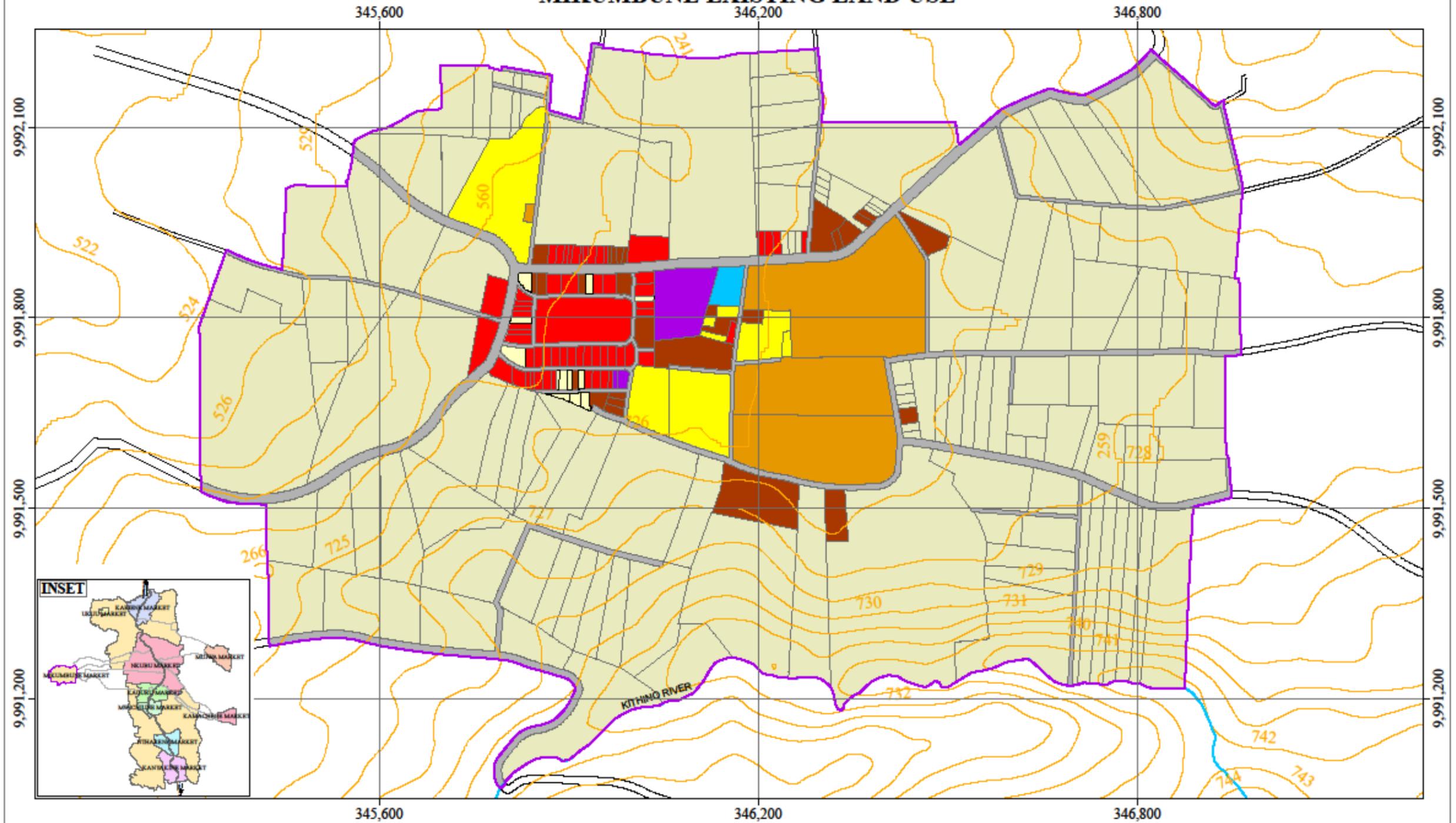
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 Units: Meter

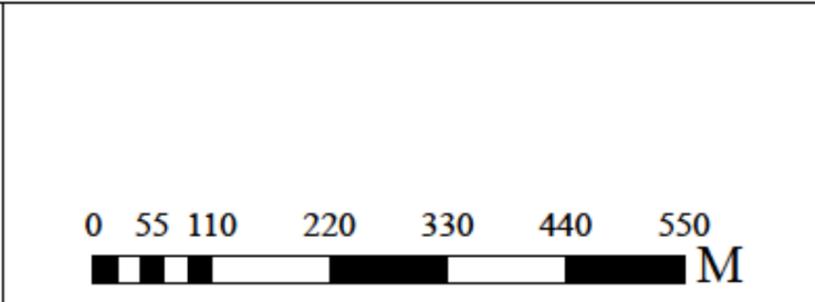
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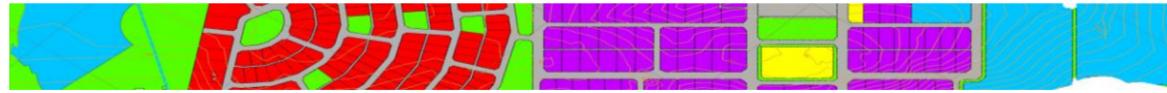
MIKUMBUNE EXISTING LAND USE



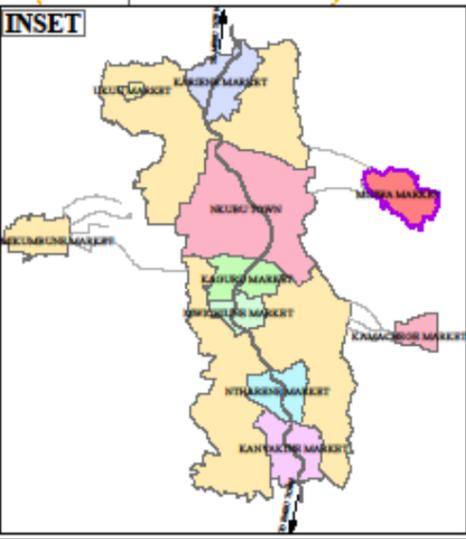
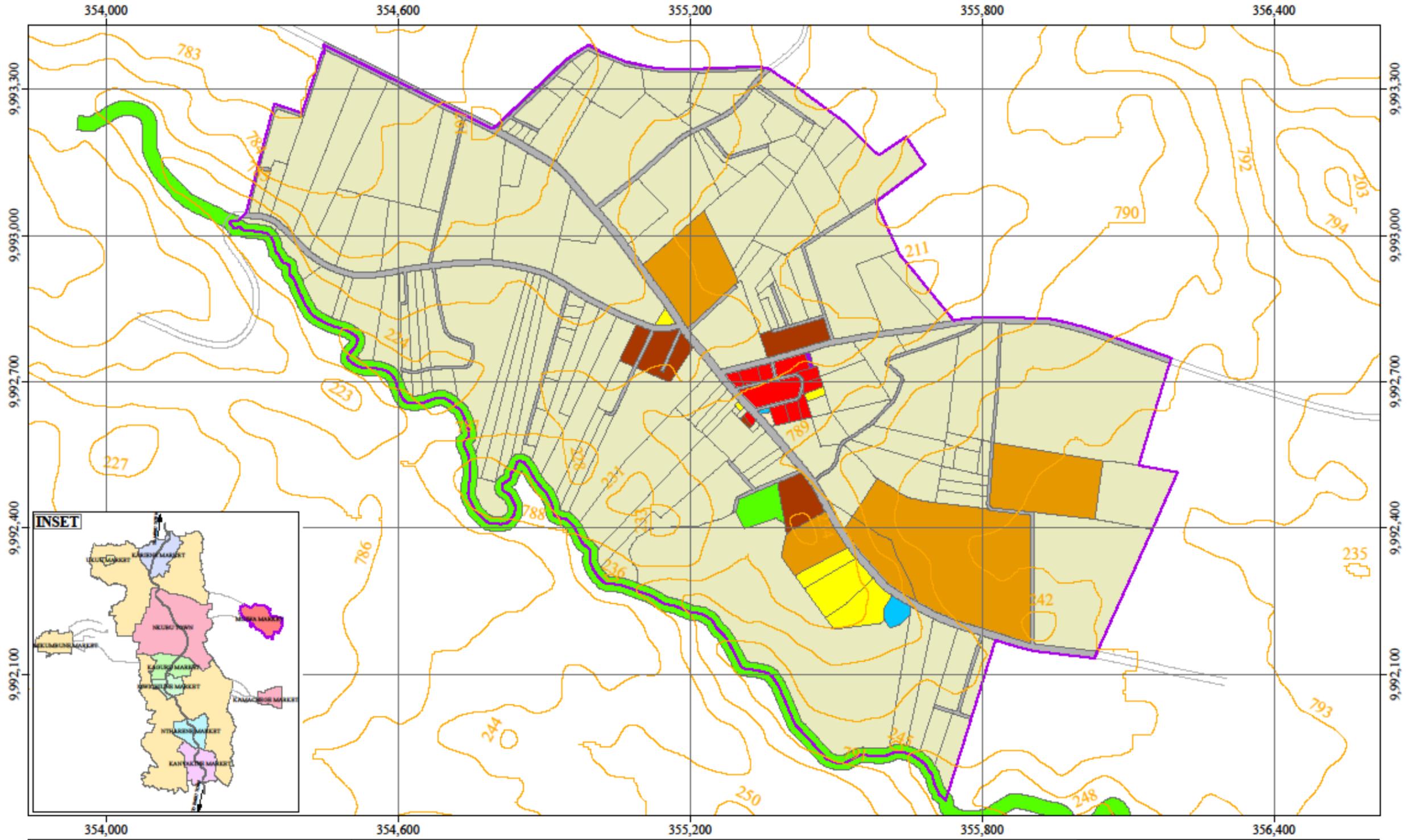
| LEGEND | | |
|----------|---------------------------|---|
| — | CONTOUR | |
| — | RIVERS | |
| — | PLANNING AREA | |
| LAND USE | | |
| ■ | COMMERCIAL | ■ |
| ■ | RESIDENTIAL | ■ |
| ■ | INDUSTRIAL | ■ |
| ■ | EDUCATIONAL | ■ |
| ■ | RECREATIONAL_CONSERVATION | ■ |
| ■ | PUBLIC PURPOSE | ■ |
| ■ | PUBLIC UTILITY | ■ |
| ■ | TRANSPORTATION | ■ |
| ■ | AGRICULTURAL | ■ |
| ■ | URBAN AGRICULTURE | ■ |



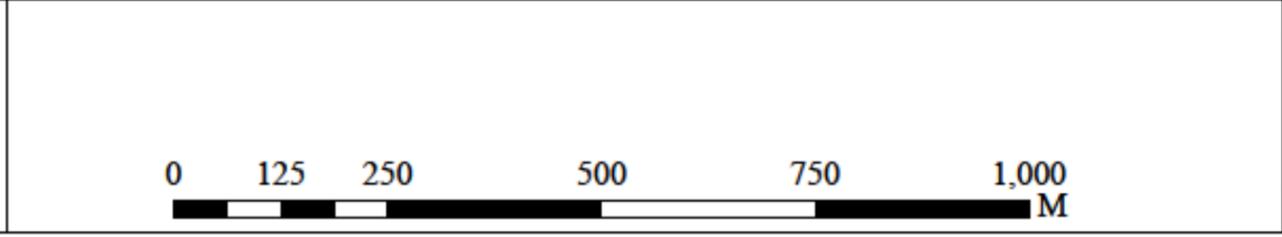
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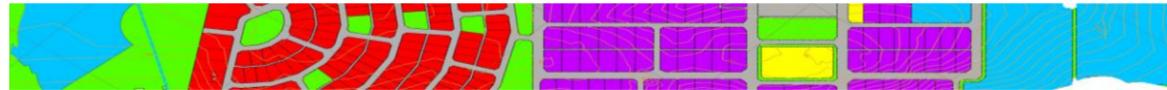
MUJWA EXISTING LAND USE MAP



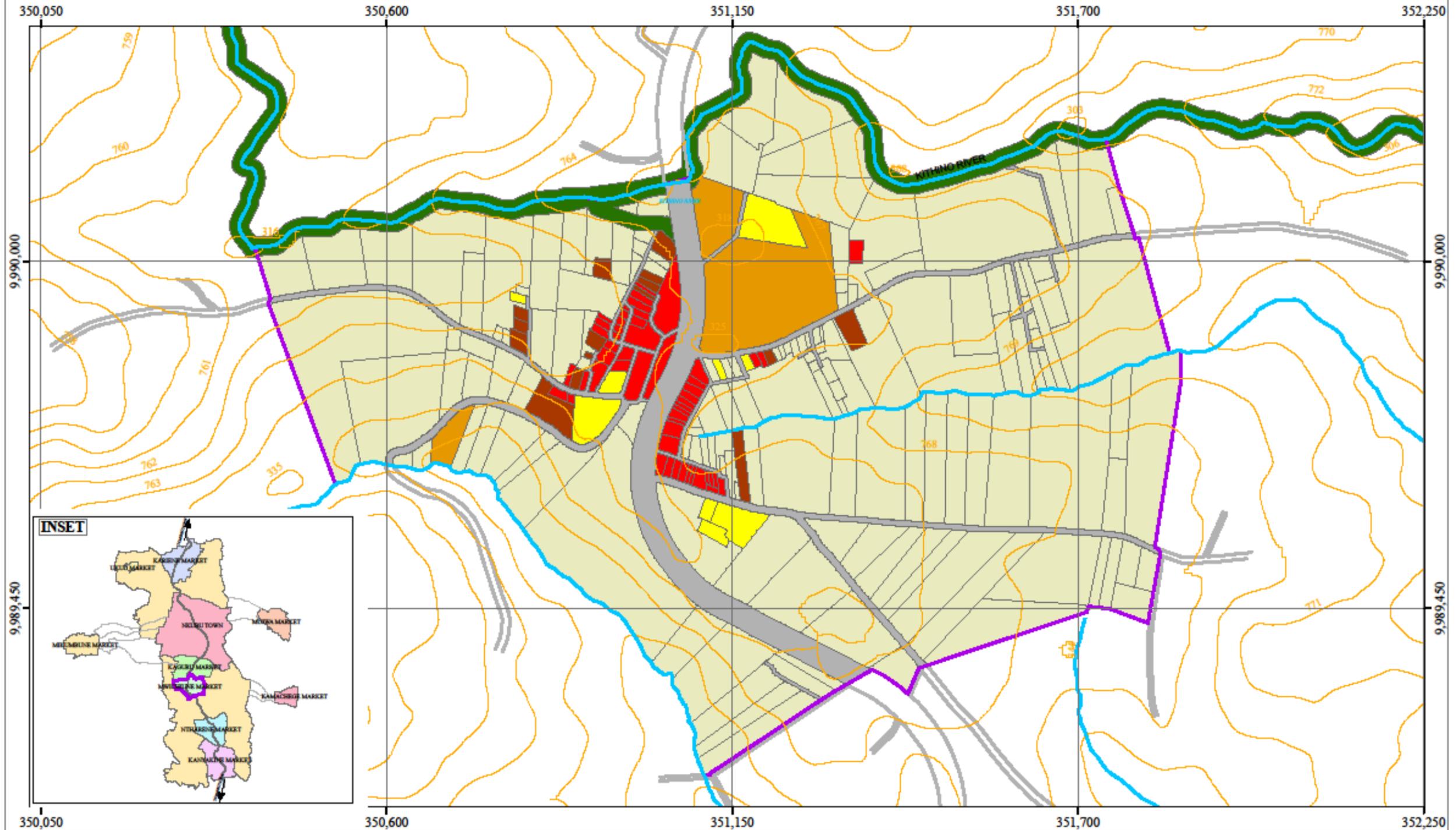
| LEGEND | | |
|----------|----------------|-------------------|
| | CONTOUR | |
| | PLANNING AREA | |
| LAND USE | | |
| | RESIDENTIAL | |
| | INDUSTRIAL | |
| | EDUCATIONAL | |
| | RECREATIONAL | |
| | PUBLIC PURPOSE | |
| | | COMMERCIAL |
| | | PUBLIC UTILITY |
| | | TRANSPORTATION |
| | | AGRICULTURAL |
| | | URBAN AGRICULTURE |



| MAP PROPERTIES | |
|----------------|--|
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| | Datum: Arc 1960 |
| | Units: Meter |
| SCALE 1:7,000 | |



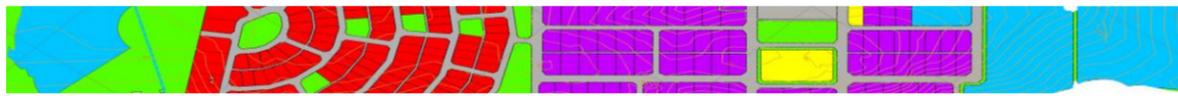
MWICHIUNE EXISTING LAND USE



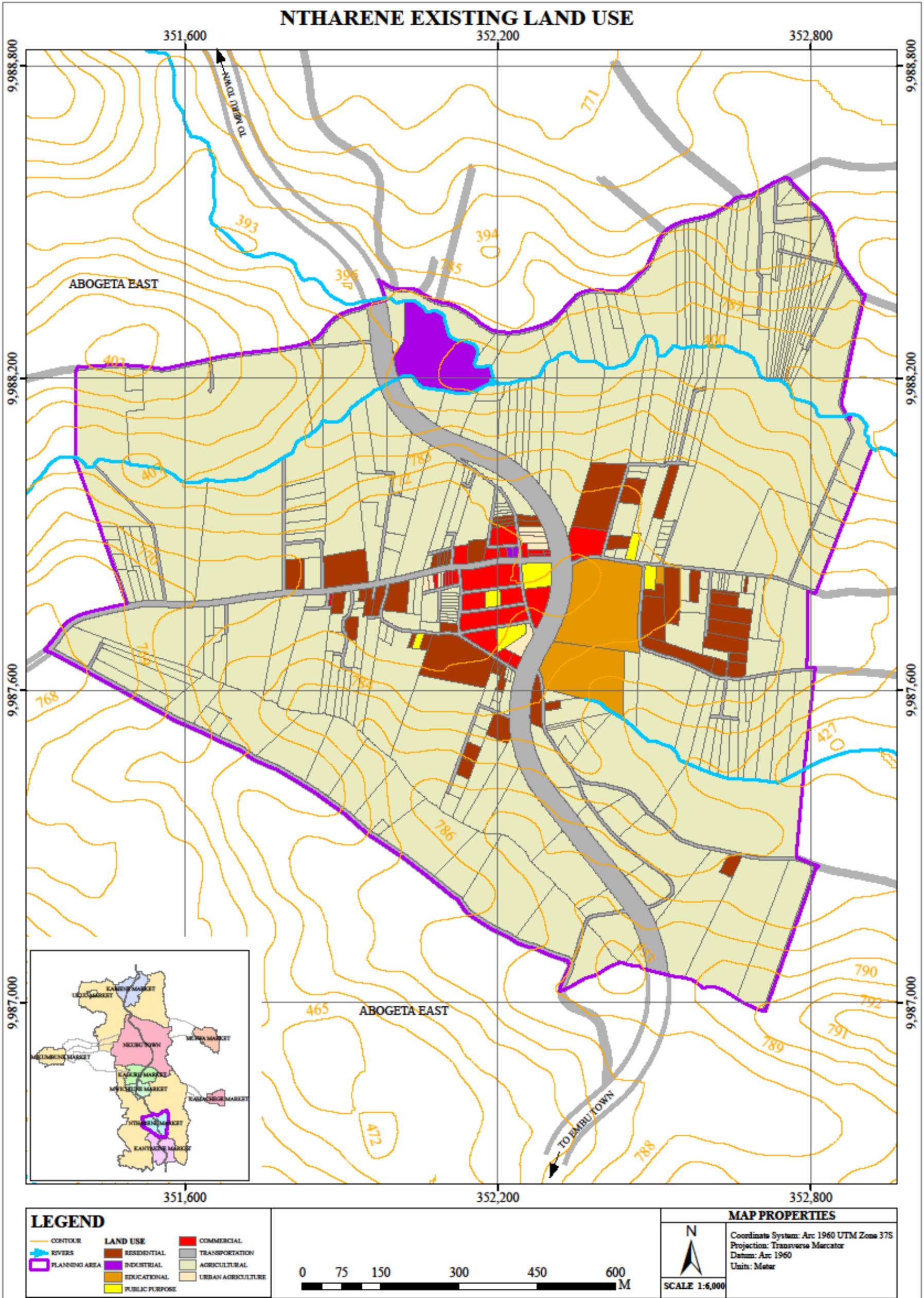
| LEGEND | |
|----------|-------------------------------|
| | RIVERS |
| | CONTOUR |
| | PLANNING AREA |
| LAND USE | |
| | RESIDENTIAL |
| | EDUCATIONAL |
| | RECREATIONAL AND CONSERVATION |
| | PUBLIC PURPOSE |
| | COMMERCIAL |
| | TRANSPORTATION |
| | AGRICULTURAL |



| MAP PROPERTIES | |
|--------------------------|--|
| SCALE 1:5,500 | Coordinate System: Arc 1960 UTM Zone 37S |
| | Projection: Transverse Mercator |
| | Datum: Arc 1960 |
| | Units: Meter |



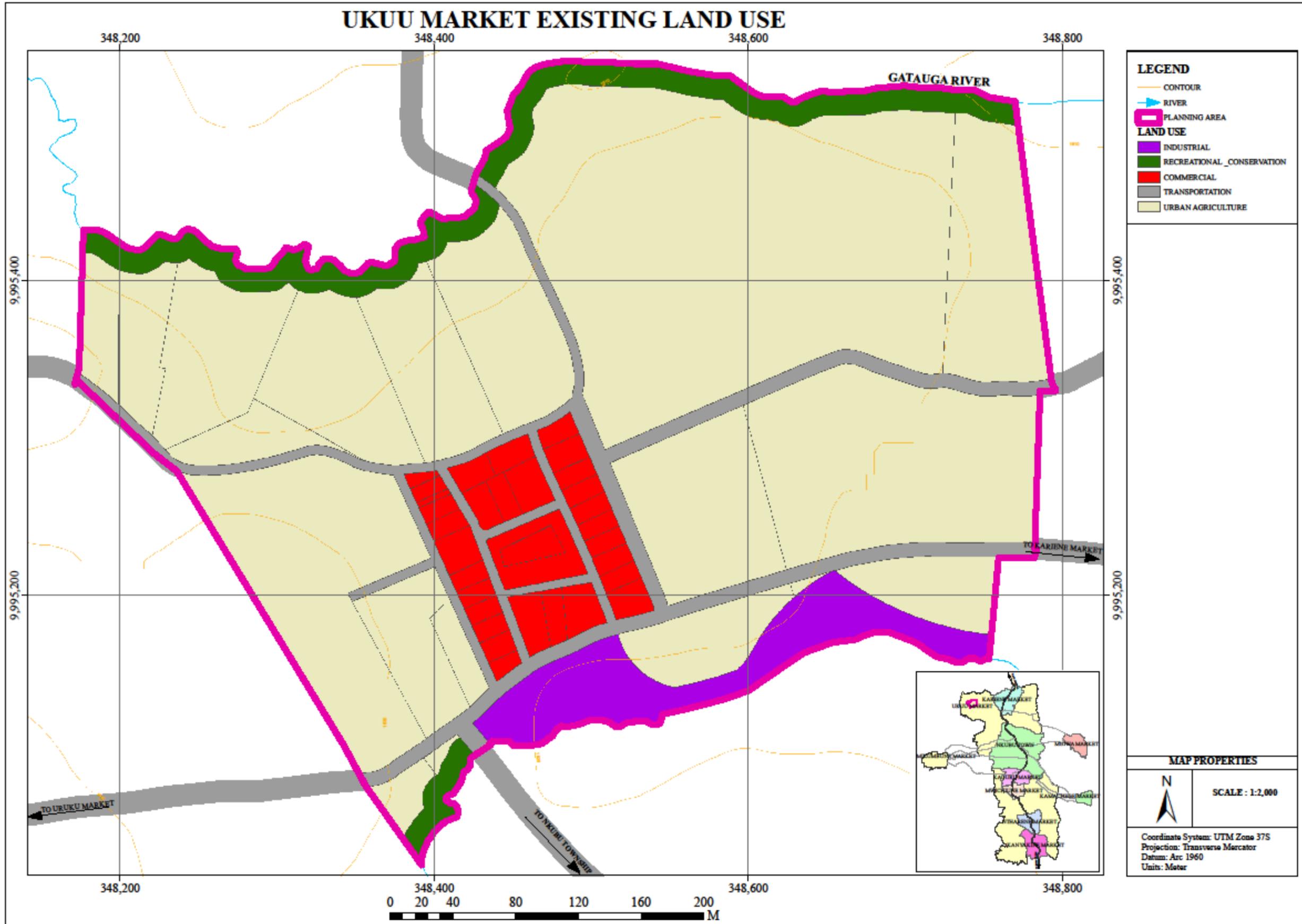
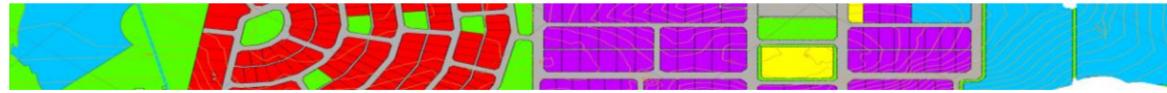
NTHARENE EXISTING LAND USE

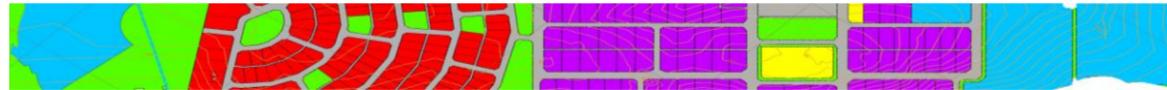


| LEGEND | | |
|--------|-------------------|--|
| | CONTOUR | |
| | RIVERS | |
| | PLANNING AREA | |
| | RESIDENTIAL | |
| | INDUSTRIAL | |
| | EDUCATIONAL | |
| | PUBLIC PURPOSE | |
| | COMMERCIAL | |
| | TRANSPORTATION | |
| | AGRICULTURAL | |
| | URBAN AGRICULTURE | |



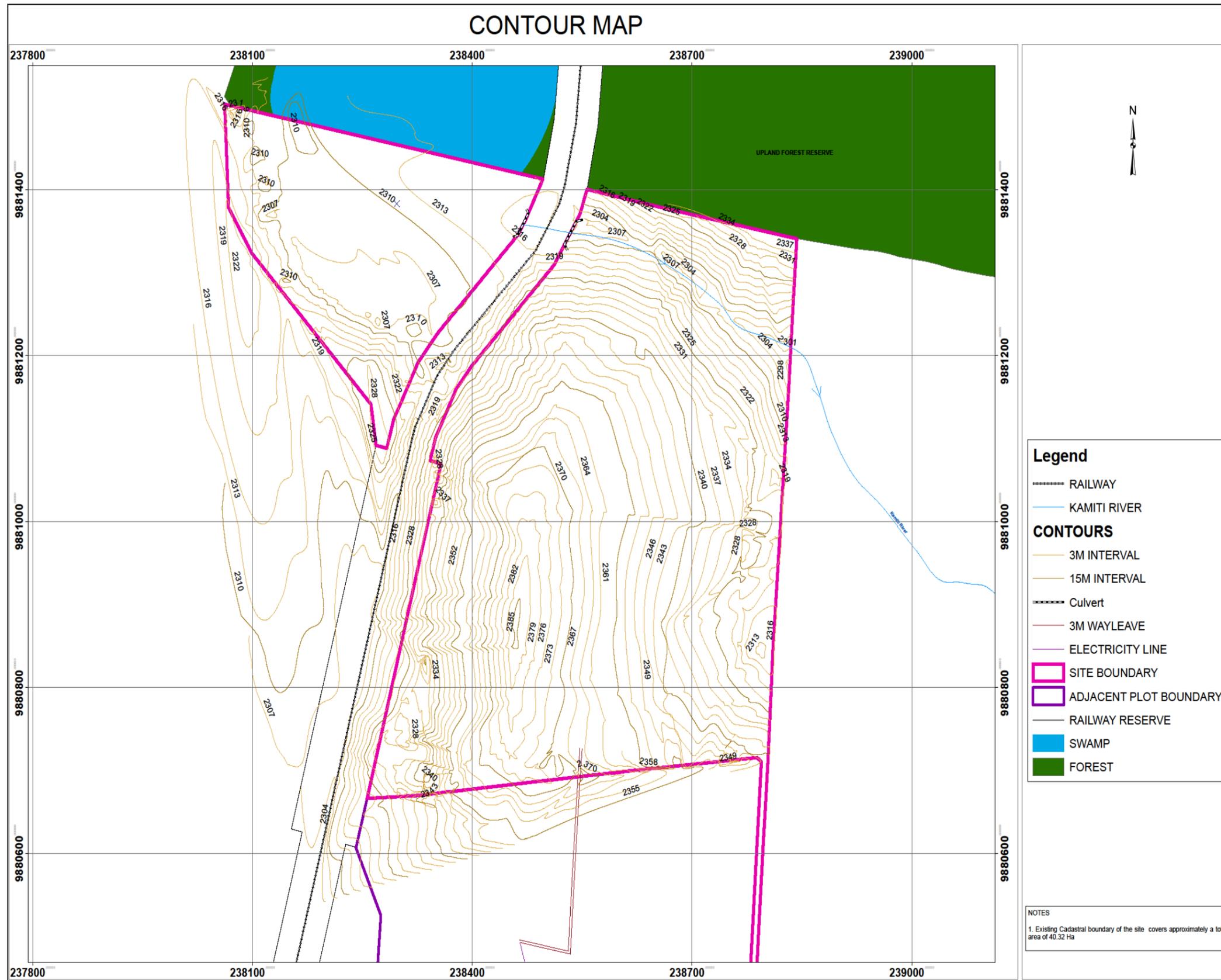
| MAP PROPERTIES | |
|--|---|
| | N |
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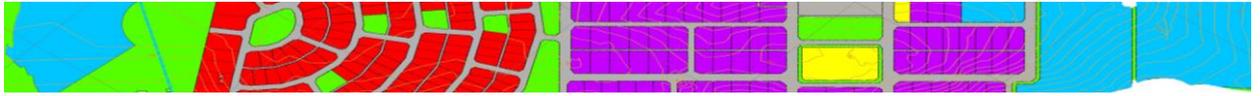




MASTER PLAN ON LR No. 237/2/10 - LIMURU

CONTOUR MAP





RENAISSANCE PLANNING LTD



RENAISSANCE PLANNING LTD



KTDA Plaza, 7th Floor,
Moi Avenue



+254 722 333 967