

COMPANY PROFILE

Capability Statement

RENAISSANCE
PLANNING LTD

2017



RENAISSANCE
PLANNING LTD



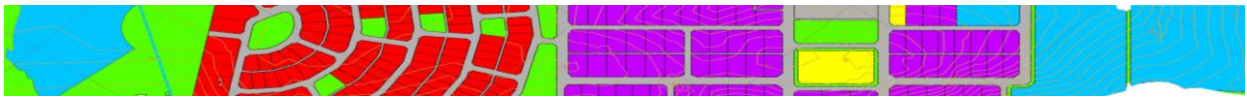
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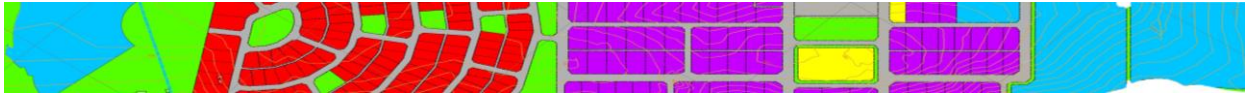
Overview

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

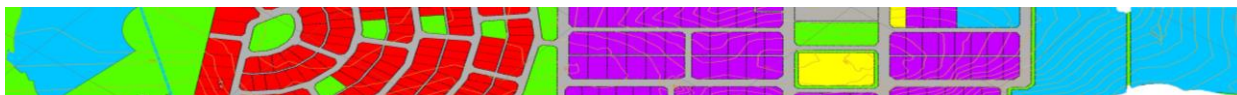
To provide efficient technical consultancy services in public and private sectors in the provision of the Spatial Planning, Digital Topographical Mapping, Surveying and Environmental Management.

Management objectives

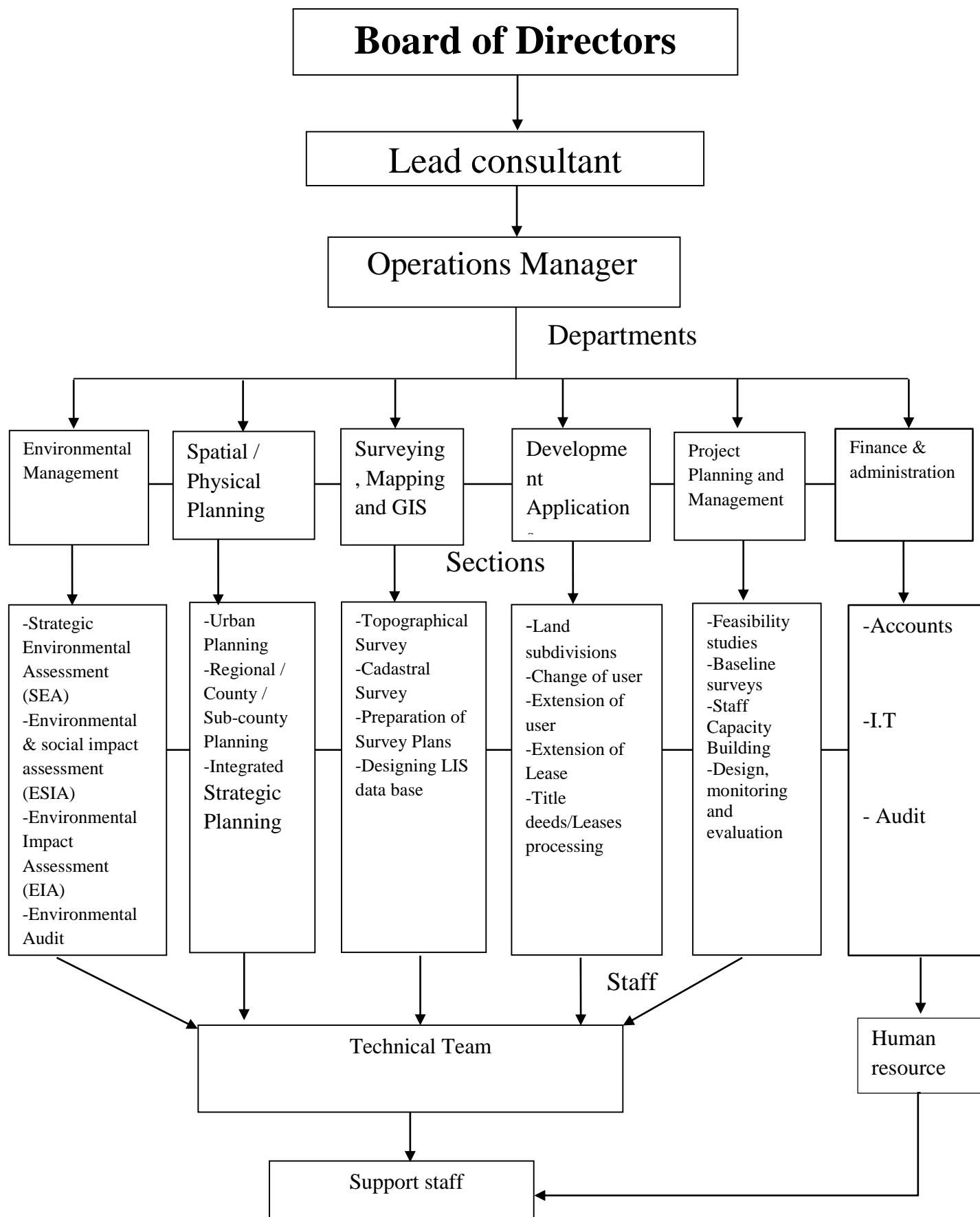
- ❖ To create new values through pragmatic management techniques

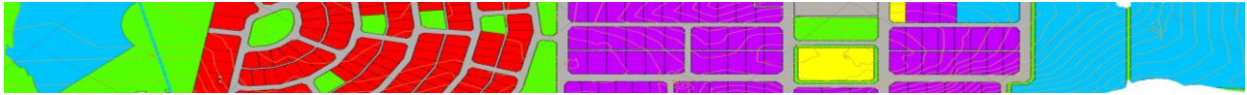
Core values

- 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.

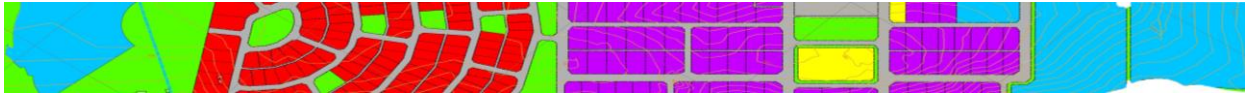
The Spatial Planning department of the firm specializes in provision of physical planning services that seeks to achieve optimal land use while ensuring the availability of infrastructure and services with the appropriate framework to encourage and support service providers and investors. The spatial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

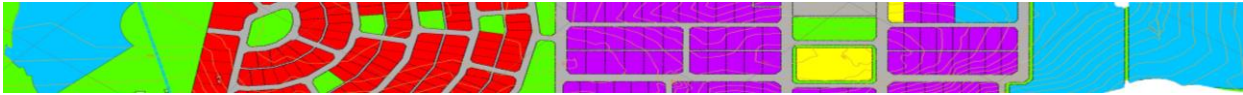
Under this department, we undertake topographical survey, Digital Mapping, cadastral survey and survey of fixed boundaries etc. Generally, this entails identification and mapping of natural features (rivers, valleys, mountains, hills etc), infrastructure and other man-made features and processing of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

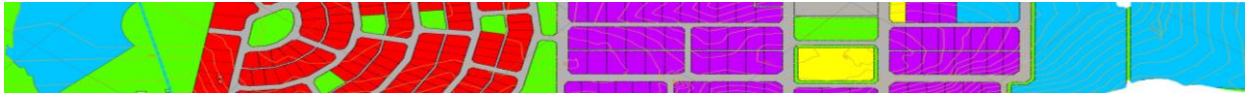
This enables environmental factors to be given due weight, alongside economic and social factors, when development projects are being considered. This department undertakes preparation of Environmental and Social Impact Assessment (ESIA), Environmental Impact Assessment (EIA) and Environmental Audit (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.



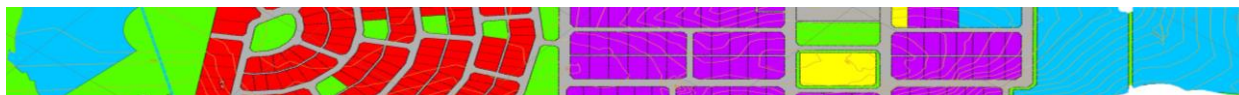
Our Clients

Below are some of our clients;

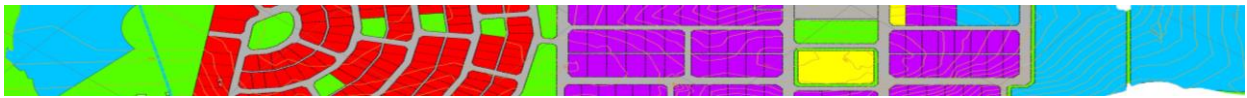
- ❖ Ministry of Transport, Infrastructure, Housing and Urban Development
- ❖ County Government of Meru
- ❖ County Government of Samburu
- ❖ County Government of Machakos
- ❖ County Government of Nakuru
- ❖ Kenya Rural Roads Authority (KeRRA)
- ❖ Ministry of Agriculture (Smaller Holder Horticultural Marketing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



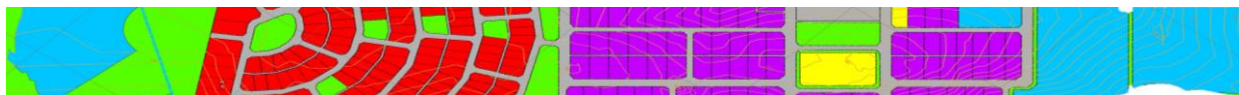
**SOME OF OUR PAST JOBS IN PHYSICAL (SPATIAL)
PLANNING,
SITE/MASTER PLANING**



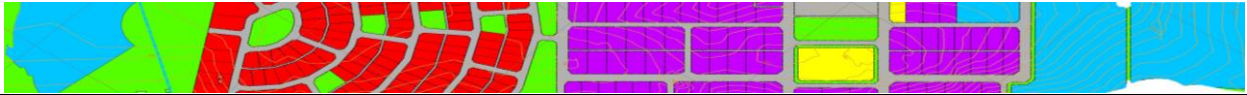
Assignment Name: Preparation of Master Plan for comprehensive mixed development covering 100 acres on Land Registration No. 237/2/10 - Limuru		Country : Kenya
Location within Country: Kiambu County		Professional Staff being provided by our Firm/Entity(profiles): 4
Name of Client: Mr. Mugo Clients contact 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 		



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 		

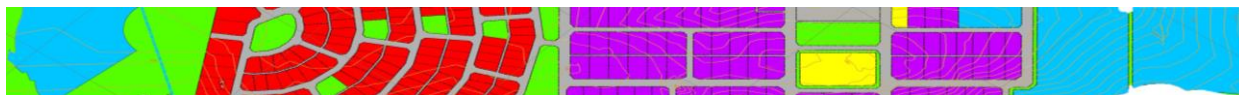


Assignment Name: Consultancy Services for GIS based planning and surveying of selected informal settlements in Garissa and Kitui Counties		Country : Kenya
Location within Country: Garissa and Kitui Counties		Professional Staff being provided by our Firm/Entity(profiles): 12
Name of Client: Ministry of 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).		

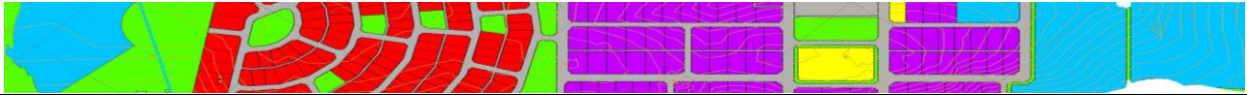


Description of Actual Services Provided by our Staff:

- ❖ **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)**

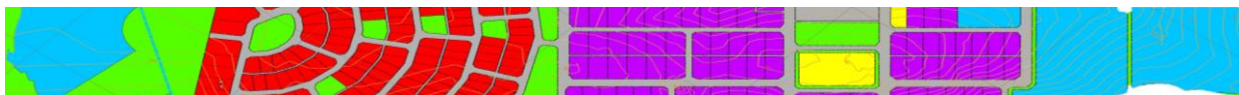


Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Urban Development Plan for Nkubu Township and its environs		Country : Kenya
Location within Country: Meru County	Professional Staff being provided by our Firm/Entity(profiles): 12	
Name of 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.		

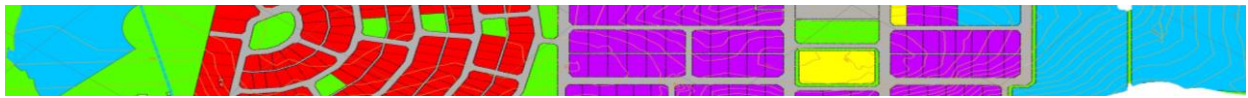


Description of Actual Services Provided by our Staff:

- ❖ **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**

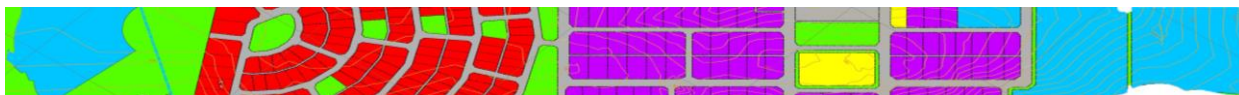


Assignment Name: Consultancy Services for Digital Topographical Mapping, Preparation of Integrated Strategic Urban Development Plan and planning informal settlements- Timau Township and Its Environs		Country : Kenya
Location within Country: Meru County	Professional Staff provided by our Firm/Entity(profiles): 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.		

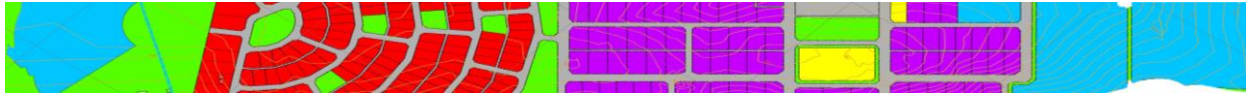


Description of Actual Services Provided by our Staff:

- ❖ **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**



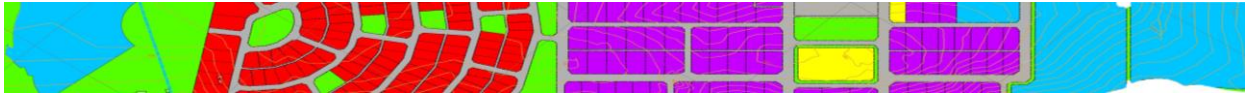
Assignment Name: Consultancy Services for Digital Topographical Mapping, Preparation of Integrated Strategic Urban Development Plan and planning informal settlement- Nturingwi “A” Township		Country : Kenya
Location within Country: Meru County		Professional Staff provided by our Firm/Entity(profiles): 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,		

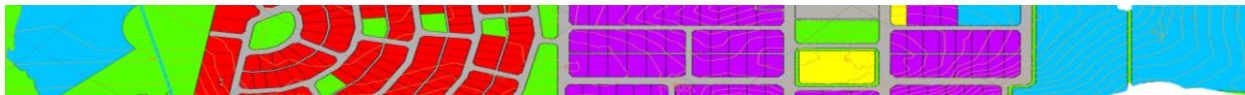


standards, policies and regulations for guiding infrastructural, social and economic development in an aesthetic and sustainable environment. This was also aimed at achieving an orderly, harmonious and sustainable growth of the town and its rural hinterland. The project also aimed at providing minimum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

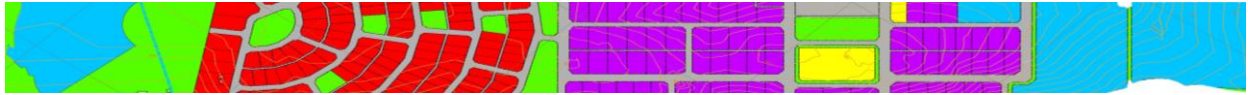
Description of Actual Services Provided by our Staff:

- ❖ **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**



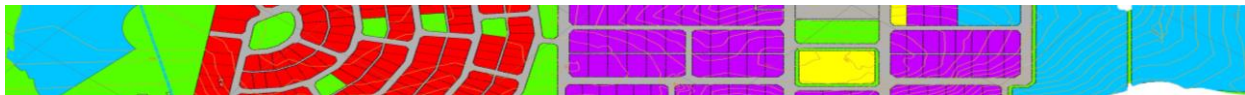


Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Local Physical Development Plan for Machakos New Town		Country: Kenya
Location within Country: Machakos County		Professional Staff provided by our Firm / Entity (profiles): 7
Name of Client: County Government of 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)		

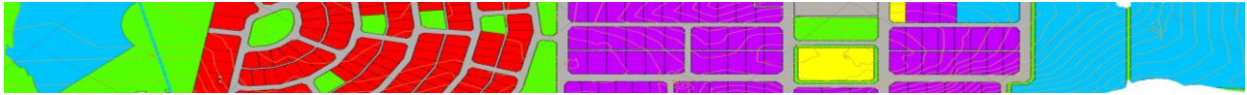


Description of Actual Services Provided by our Staff:

- ❖ **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**

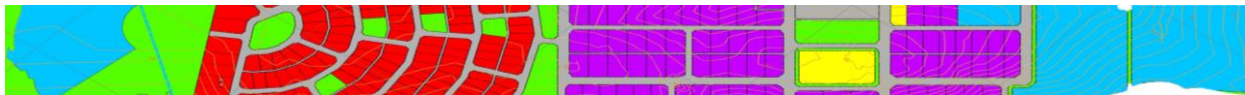


Assignment Name: Consultancy Services for Preparation of Local Physical Development Plan and planning informal settlements-Wamba Township		Country : Kenya
Location within Country: Samburu County		Professional Staff provided by our Firm/Entity(profiles): 8
Name of Client: County Government of Samburu 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.		

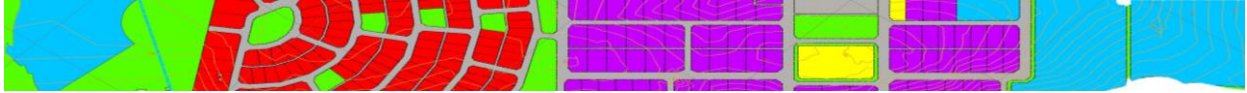


Description of Actual Services Provided by our Staff:

- ❖ **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**

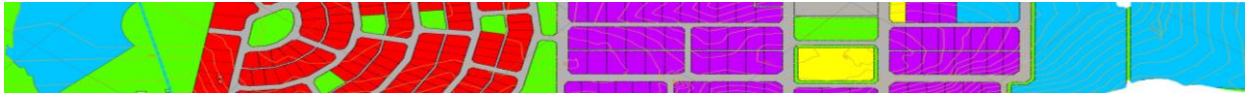


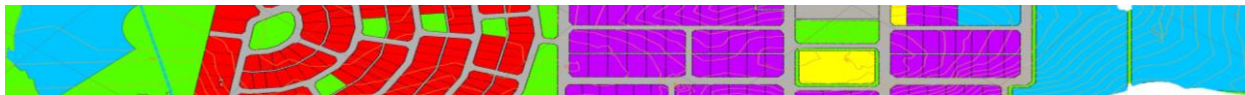
Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Urban Development Plan for Archers Post Township		Country : Kenya
Location within Country: Samburu County		Professional Staff provided by our Firm/Entity(profiles): 8
Name of Client: County 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.		



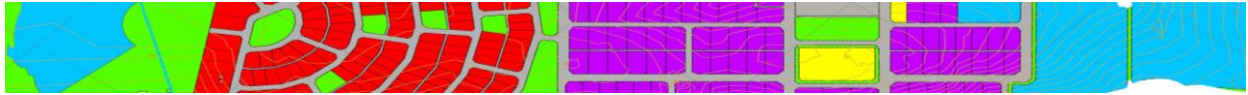
Description of Actual Services Provided by our Staff:

- ❖ **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**

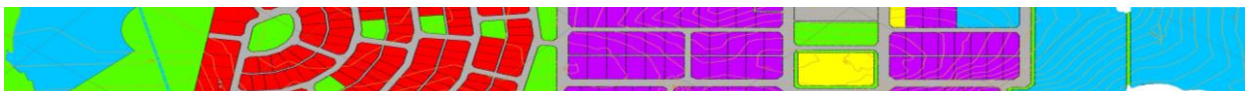


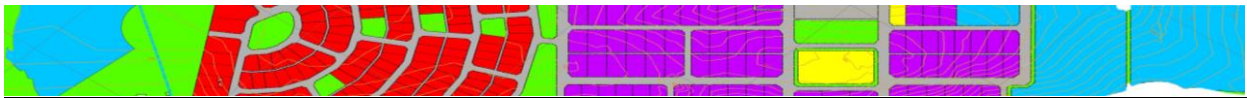


Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Urban Development Plan for Nakuru, Naivasha and Nyeri Towns		Country : Kenya
Location within Country: Nakuru and Nyeri Counties		Professional Staff provided by our firm Firm/Entity(profiles): 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**

	
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.	

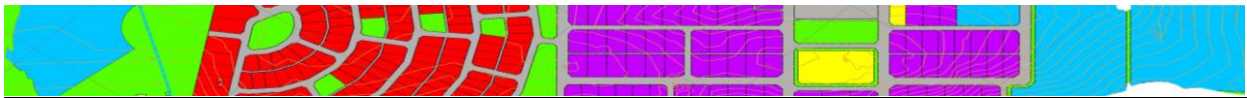


Description of Actual Services Provided by our Staff:

- ❖ **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**

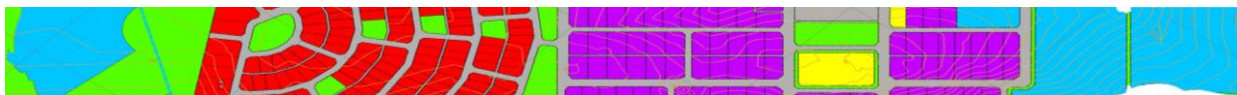


Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Regional and Urban Development (Spatial) Plans for Marakwet Sub- County.		Country : Kenya
Location within Country: Marakwet Sub-County		Professional Staff provided by our Firm/Entity(profiles): 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.		

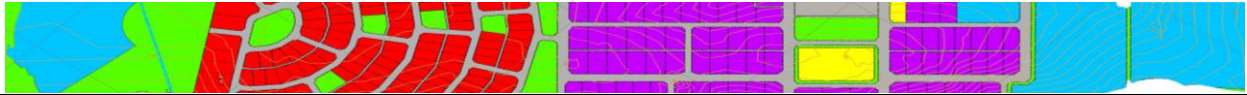


Description of Actual Services Provided by our Staff:

- ❖ **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.**



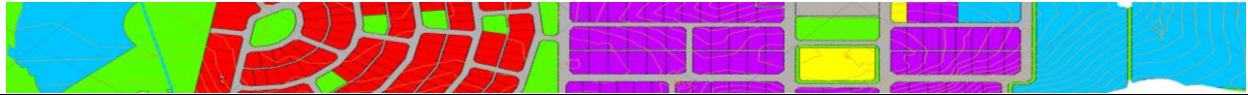
Assignment Name: Consultancy Services for Digital Topographical Mapping, Preparation of Integrated Strategic Urban Development (Spatial) Plan and planning informal settlements-Mtwapa Township		Country : Kenya
Location within Country: Kilifi County	Professional Staff provided by our Firm/Entity(profiles): 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: Jan 2009 Completion Date: 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.		



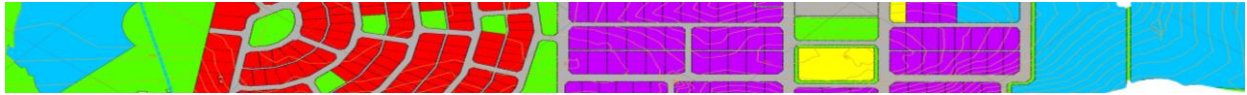
Description of Actual Services Provided by our Staff:

- ❖ **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**

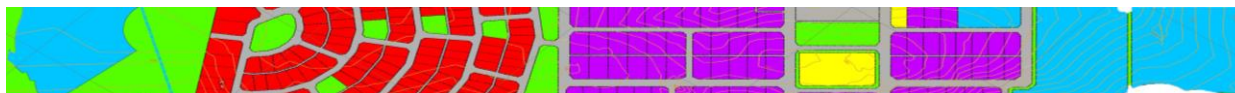
	
Assignment Name: Consultancy Services for Digital Topographical Mapping and Preparation of Integrated Strategic Regional and Urban Development (Spatial) Plans for Wajir County	Country : Kenya
Location within Country: Wajir County	Professional Staff provided by our Firm/Entity(profiles): 4
Name of Client: 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 	



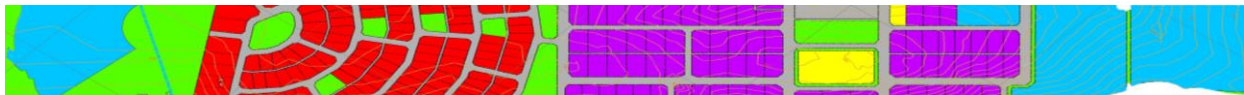
- ❖ **Topographical Survey of the planning area**
- ❖ **Base map preparation**
- ❖ **Data collection**
- ❖ **Data analysis and projections**
- ❖ **Preparation and presentation of the situational analysis to the stakeholders**
- ❖ **Modelling and preparation of the draft Integrated Strategic Development 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**



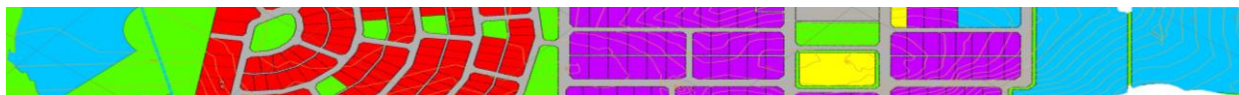
SOME OF OUR PAST ENVIRONMENTAL MANAGEMENT RELATED JOBS (ESIA AND EIA)



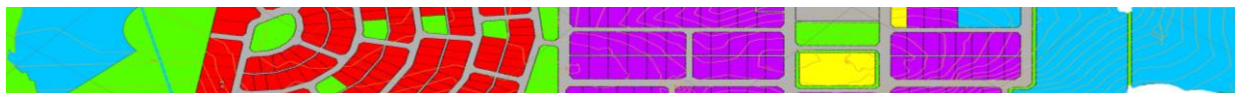
Assignment Name: Environmental and Social Impact Assessment Study of Kamatira-Cheptongei road project		Country: Kenya
Location within Country: West Pokot County		Professional Staff Provided by Our Firm: 5
Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi.		No of Staff Months: 5 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 		



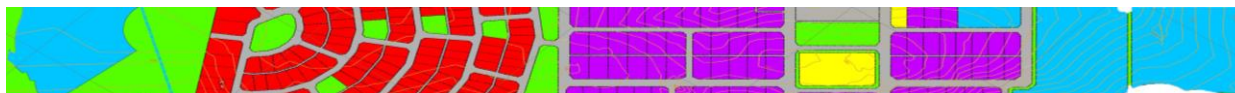
Assignment Name: Environmental and Social Impact Assessment Study of JNCT A104-Drys-Ainabkoi-Kapchorwa-Naiberi road project		Country: Kenya
Location within Country: Uasin Gishu County		Professional Staff Provided by Our Firm: 5
Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi.		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
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 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.		
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 		



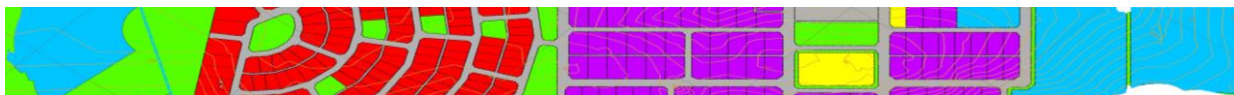
Assignment Name: Environmental and Social Impact Assessment Study for Mogotio-Mugurin-Lake Bogoria-Marigat road project		Country: Kenya
Location within Country: Baringo County		Professional Staff Provided by Our Firm: 5
Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi.		No of 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 		



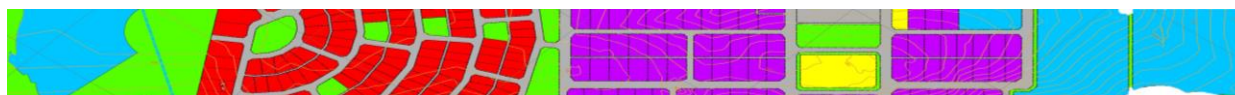
Assignment Name: Environmental and Social Impact Assessment Study Mariakani-Bamba and Kilifi-Kiwandani road project		Country: Kenya
Location within Country: Kilifi County		Professional Staff Provided by Our Firm: 4
Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi.		No of Staff 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
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 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.		
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 		



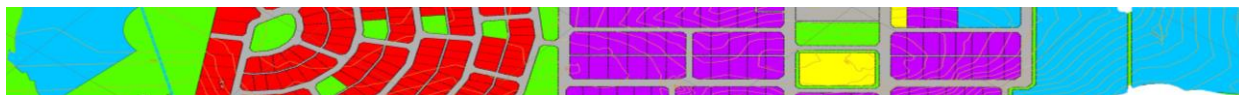
Assignment Name: Environmental and Social Impact Assessment Study Kisima-Kibirichia-Kiirua-Ruiri road project		Country: Kenya
Location within Country: Meru County		Professional Staff Provided by Our Firm: 4
Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi.		No of Staff Months: 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 		



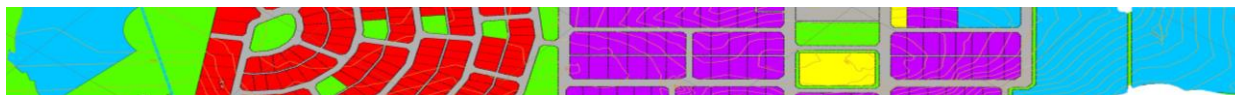
Assignment Name: Environmental and Social Impact Assessment Study of Lot 2 road projects (Six (6) roads)		Country: Kenya
Location within Country: Kiambu County		Professional Staff Provided by Our Firm: 5
Name of client: Kenya Rural Road Authority P.O Box 48151 – 00100 Nairobi.		No of Staff Months: 6 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 		




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.		Nº 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
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 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.		
Description of actual services provided 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 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		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) <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 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.		
Description of actual services provided 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 		

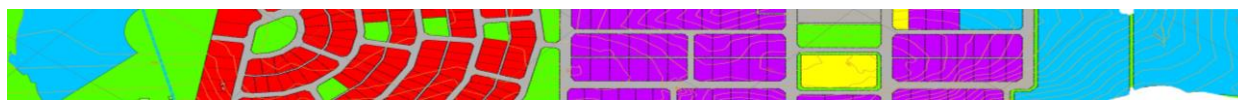


Assignment Name: Environmental and Social Impact Assessment Study for the Improvement of Chuka Municipality Roads		Country: Kenya
Location within Country: Tharaka Nithi County		Professional Staff Provided by Our Firm: 4
Name of client: Greencraft Construction Co. Ltd P.O.BOX 2924 – 00200, Nairobi		No 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
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 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.		
Descriptions of services provided 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 		

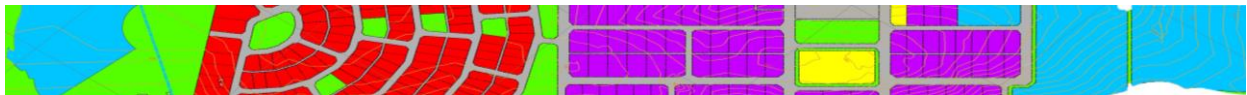


Assignment Name: Environmental and Social Impact Assessment Study for the proposed Gitugu Bridge		Country: Kenya
Location within Country: Meru County		Professional Staff Provided by Our Firm: 3
Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 351-20100 Nakuru.		No of 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
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 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.		
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 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
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 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.		
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 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
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 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.		
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 		

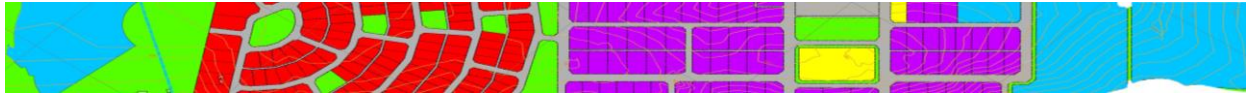


Assignment Name: Environmental and Social Impact Assessment Study for the Proposed Construction of Maara Horticulture Market		Country: Kenya
Location within Country: Tharaka Nithi County		Professional Staff Provided by Our Firm: 3
Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) 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
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 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.		
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 		

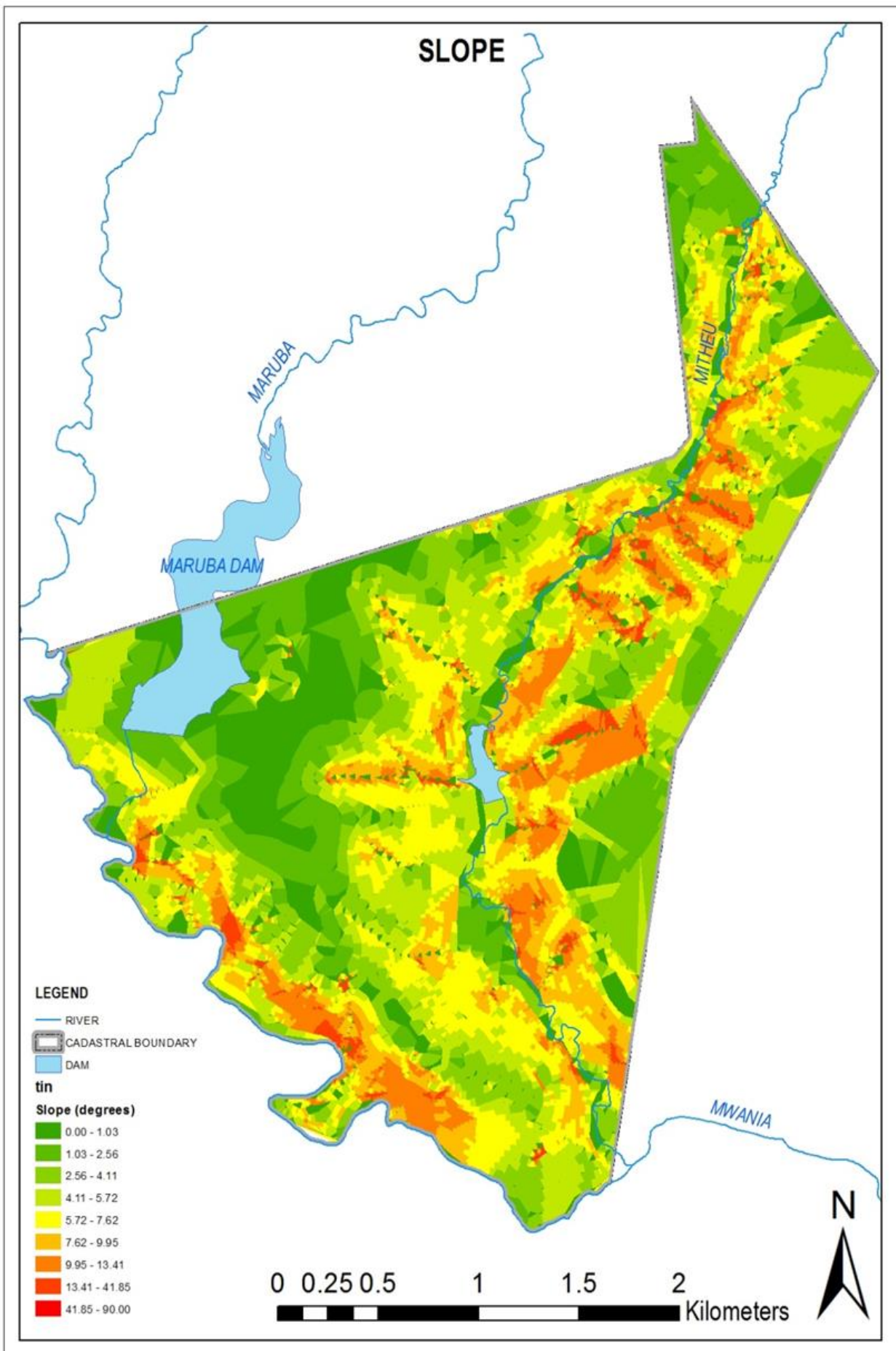


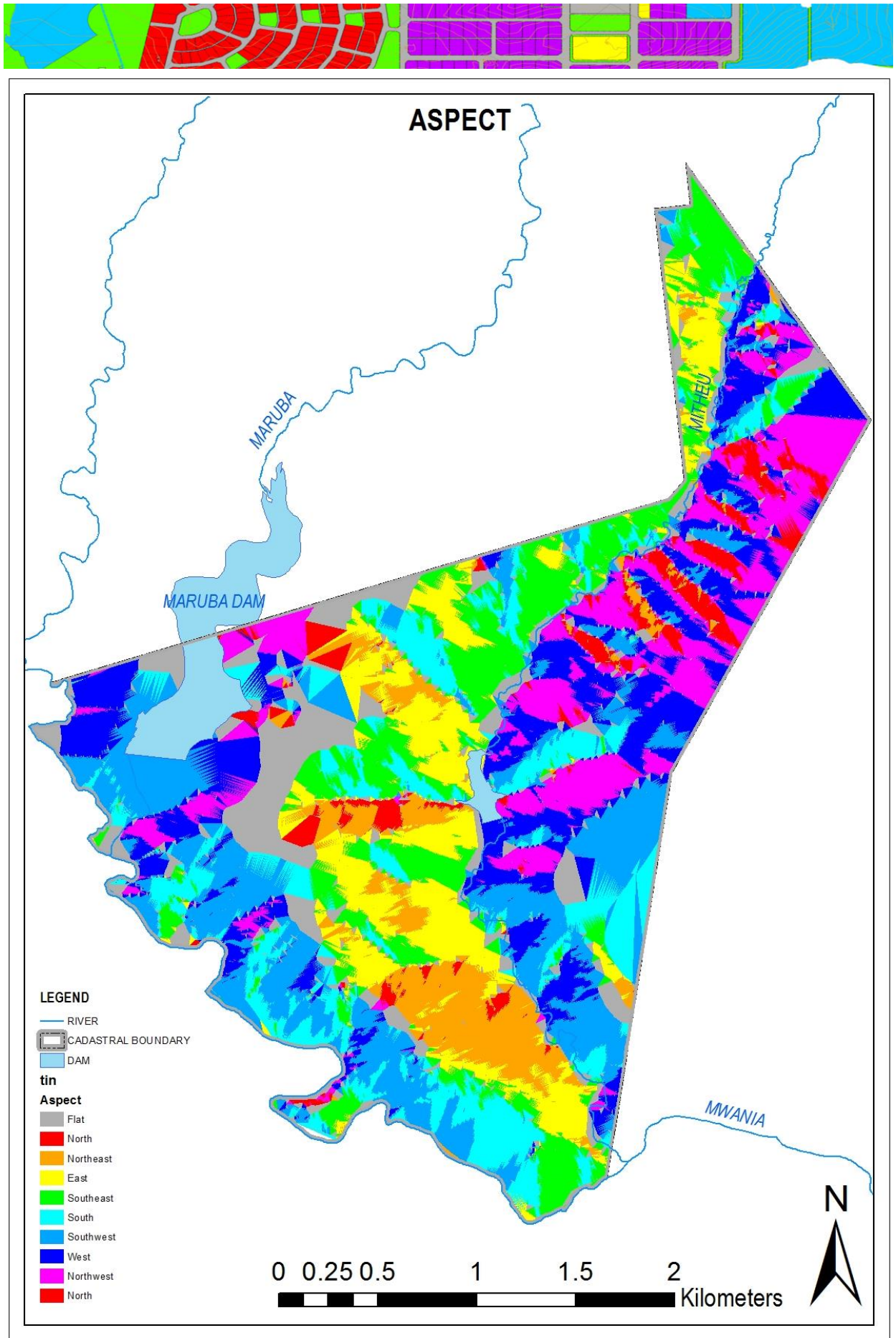
Assignment Name: Environmental and Social Impact Assessment study for the Proposed Construction of Ruamugaki Collection Shed		Country: Kenya
Location within Country: Meru County		Professional Staff Provided by Our Firm: 3
Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 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 		

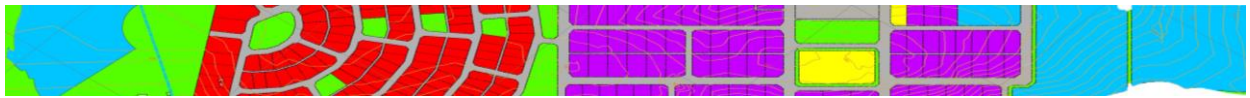
Assignment Name: Environmental and Social Impact Assessment Study for the proposed Construction of Serem Horticultural Market		Country: Kenya
Location within Country: Nandi County		Professional Staff Provided by Our Firm: 4
Name of client: Smaller Holder Horticultural Marketing Programme (SHoMAP) P.O.BOX 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 		



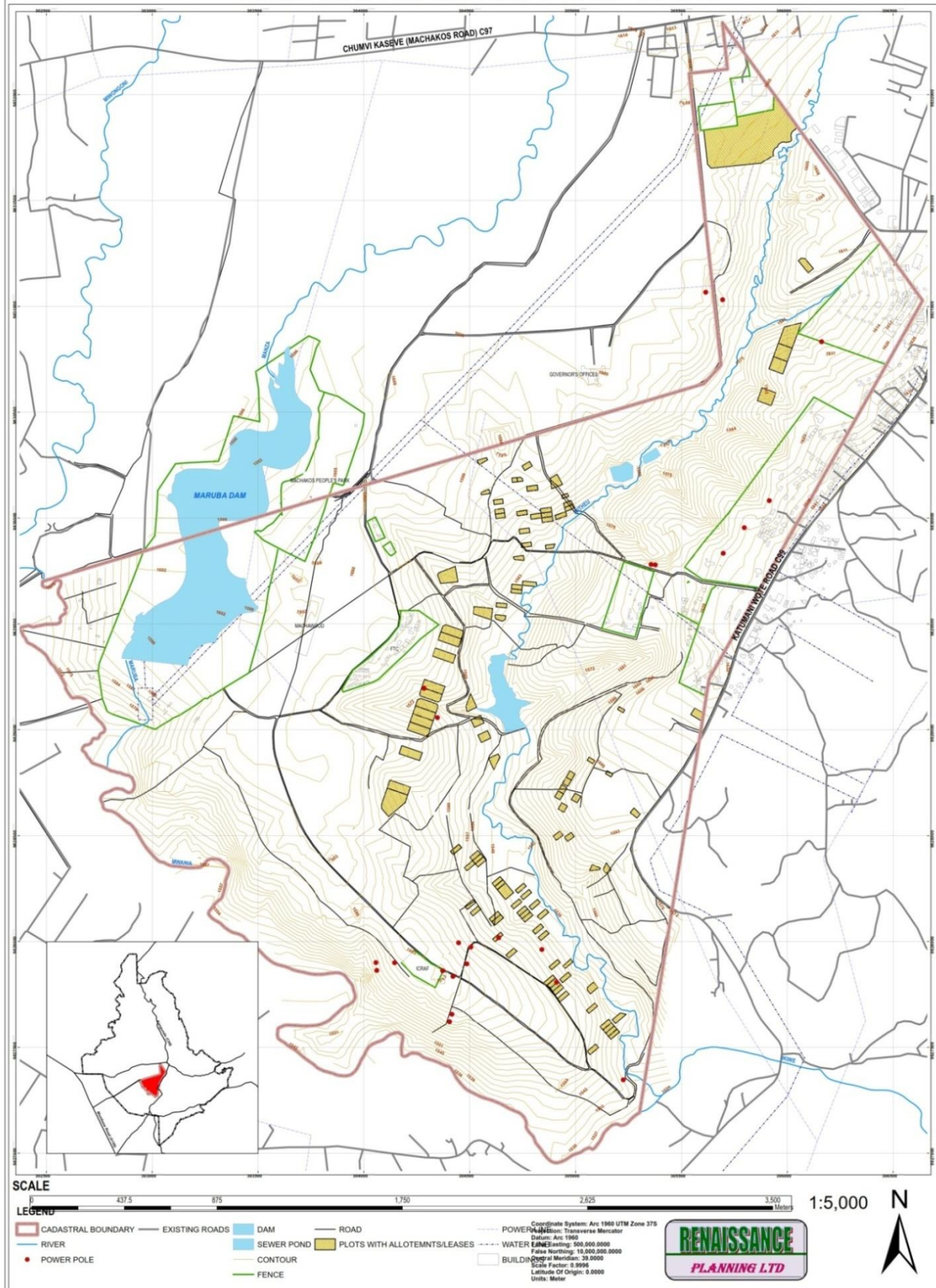
DIGITAL TOPOGRAPHICAL MAPPING AND PREPARATION OF SPATIAL DEVELOPMENT PLAN FOR MACHAKOS NEW CITY - DESIGN OUTPUTS

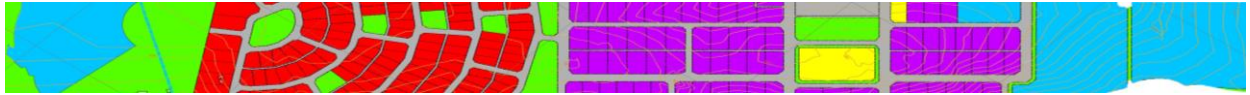




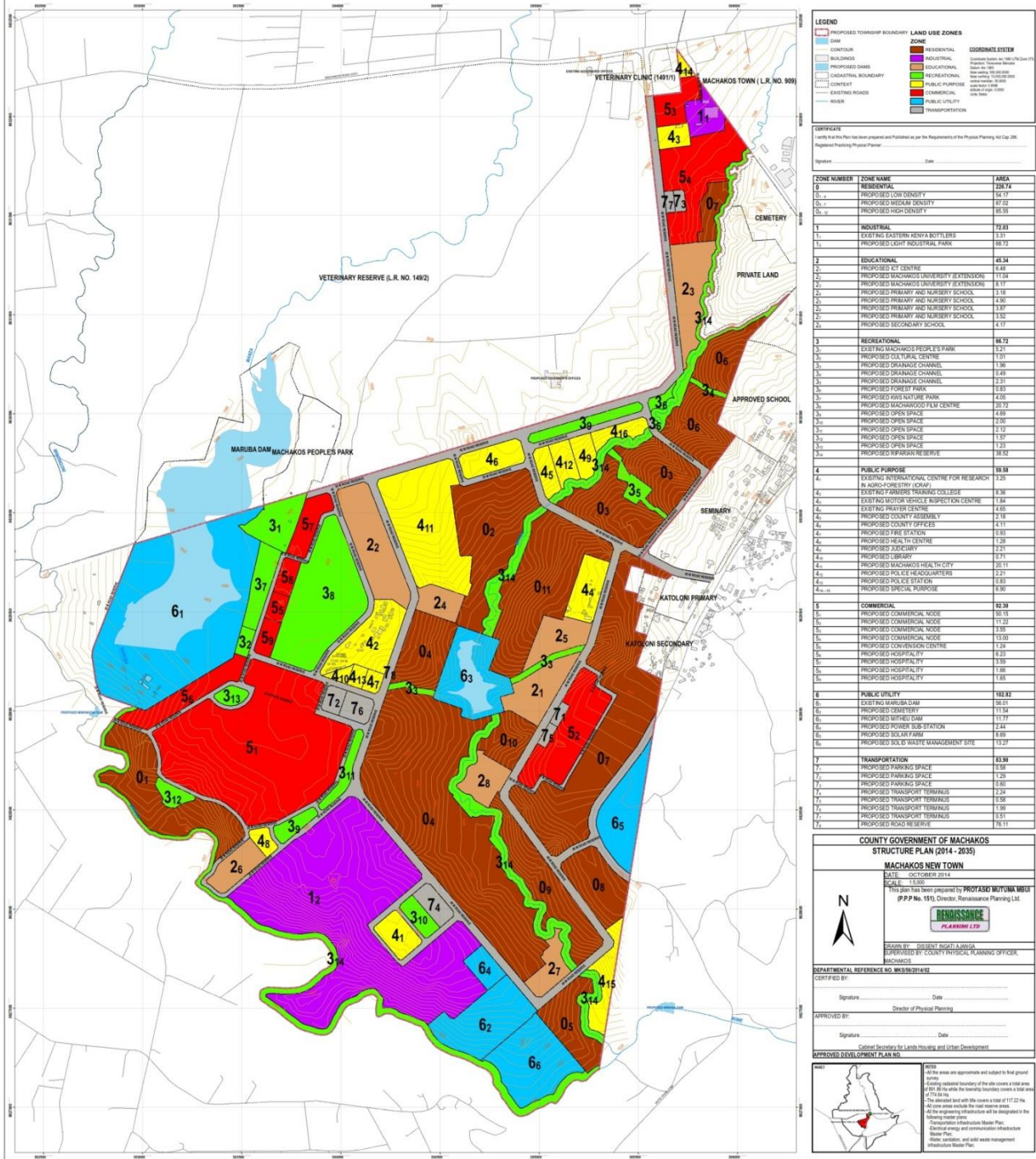


BASE MAP: MACHAKOS NEW TOWN





STRUCTURE PLAN - MACHAKOS NEW TOWN



LEGEND	
PROPOSED TOWNSHIP BOUNDARY	LAND USE ZONES
DAM	RESIDENTIAL
CONTIGUOUS	INDUSTRIAL
PROPOSED DAMS	EDUCATIONAL
CADASTRAL BOUNDARY	RECREATIONAL
CONTEXT	COMMERCIAL
EXISTING ROADS	PUBLIC UTILITY
RIVER	TRANSPORTATION

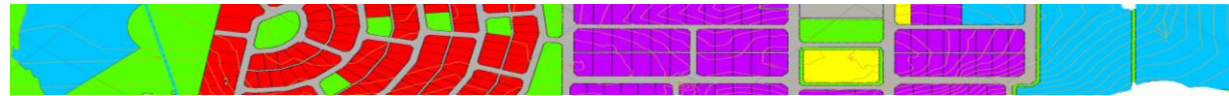
CERTIFICATE
I hereby certify that this Plan has been prepared and published in accordance with the requirements of the Physical Planning Act Cap. 286, Registered Planning Physical Planner.

Signature: _____ Date: _____

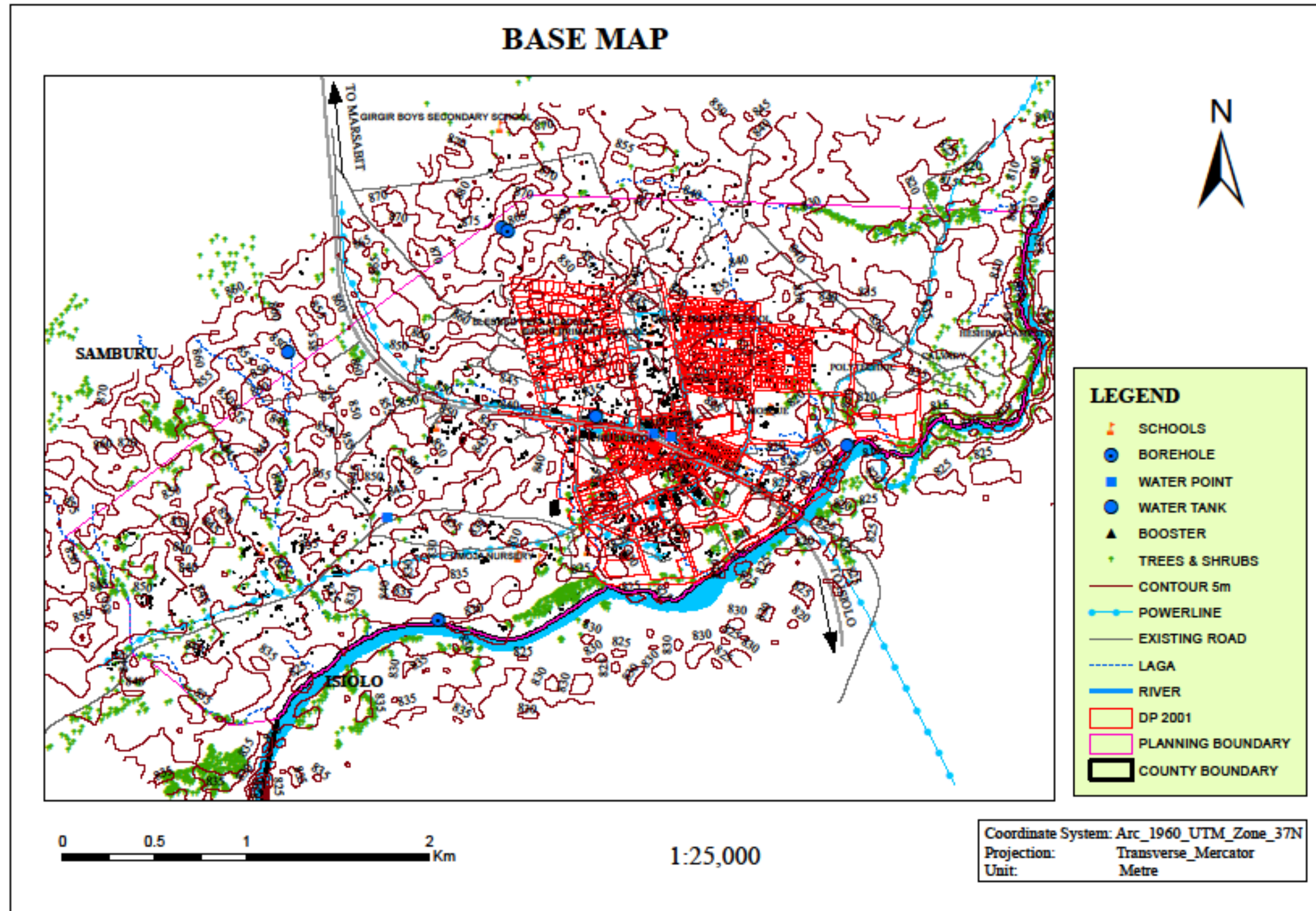
ZONE NUMBER	ZONE NAME	AREA
0	RESIDENTIAL	126.74
0.1	PROPOSED LOW DENSITY	64.17
0.2	PROPOSED MEDIUM DENSITY	17.72
0.3	PROPOSED HIGH DENSITY	18.85
1	INDUSTRIAL	12.83
1.1	EXISTING EASTERN KENYA BOTTLERS	0.31
1.2	PROPOSED LIGHT INDUSTRIAL PARK	12.52
2	EDUCATIONAL	48.34
2.1	PROPOSED AT CENTRE	1.48
2.2	PROPOSED MACHAKOS UNIVERSITY EXTENSION	11.04
2.3	PROPOSED MACHAKOS UNIVERSITY EXTENSION	1.17
2.4	PROPOSED PRIMARY AND NURSERY SCHOOL	1.18
2.5	PROPOSED PRIMARY AND NURSERY SCHOOL	4.90
2.6	PROPOSED PRIMARY AND NURSERY SCHOOL	1.17
2.7	PROPOSED PRIMARY AND NURSERY SCHOOL	1.12
2.8	PROPOSED SECONDARY SCHOOL	4.17
3	RECREATIONAL	66.72
3.1	EXISTING MACHAKOS PEOPLES PARK	1.91
3.2	PROPOSED CULTURAL CENTRE	1.91
3.3	PROPOSED DRAINAGE CHANNEL	1.96
3.4	PROPOSED DRAINAGE CHANNEL	1.43
3.5	PROPOSED FOREST PARK	2.31
3.6	PROPOSED KWS NATURAL WALK	1.05
3.7	PROPOSED MACHAKOS FILM CENTRE	20.72
3.8	PROPOSED OPEN SPACE	4.69
3.9	PROPOSED OPEN SPACE	2.00
3.10	PROPOSED OPEN SPACE	1.12
3.11	PROPOSED OPEN SPACE	1.37
3.12	PROPOSED OPEN SPACE	1.23
3.13	PROPOSED OPEN SPACE	1.82
4	PUBLIC PURPOSE	18.38
4.1	EXISTING INTERNATIONAL CENTRE FOR RESEARCH IN AGRO-FORESTRY (ICRAF)	1.25
4.2	EXISTING FARMERS TRAINING COLLEGE	1.36
4.3	EXISTING MOTOR VEHICLE INSPECTION CENTRE	1.84
4.4	EXISTING WATER CENTRE	1.66
4.5	PROPOSED COUNTY ASSEMBLY	1.18
4.6	PROPOSED COUNTY OFFICES	4.11
4.7	PROPOSED FIRE STATION	1.15
4.8	PROPOSED HEALTH CENTRE	1.28
4.9	PROPOSED JUDICIARY	1.27
4.10	PROPOSED LIBRARY	0.71
4.11	PROPOSED MACHAKOS HEALTH CITY	25.11
4.12	PROPOSED POLICE HEADQUARTERS	12.71
4.13	PROPOSED POLICE STATION	1.83
4.14	PROPOSED SPECIAL PURPOSE	1.80
5	COMMERCIAL	162.30
5.1	PROPOSED COMMERCIAL NODE	11.15
5.2	PROPOSED COMMERCIAL NODE	11.22
5.3	PROPOSED COMMERCIAL NODE	1.90
5.4	PROPOSED COMMERCIAL NODE	1.10
5.5	PROPOSED CONVENTION CENTRE	1.24
5.6	PROPOSED HOSPITALITY	1.30
5.7	PROPOSED HOSPITALITY	1.30
5.8	PROPOSED HOSPITALITY	1.86
5.9	PROPOSED HOSPITALITY	1.86
6	PUBLIC UTILITY	162.30
6.1	EXISTING MARUBA DAM	56.01
6.2	PROPOSED CEMETERY	11.54
6.3	PROPOSED WASTE DAM	11.71
6.4	PROPOSED POWER SUB-STATION	1.44
6.5	PROPOSED SOLID FARM	1.81
6.6	PROPOSED SOLID WASTE MANAGEMENT SITE	13.27
7	TRANSPORTATION	61.39
7.1	PROPOSED PARKING SPACE	1.06
7.2	PROPOSED PARKING SPACE	1.29
7.3	PROPOSED PARKING SPACE	1.80
7.4	PROPOSED TRANSPORT TERMINUS	2.24
7.5	PROPOSED TRANSPORT TERMINUS	1.50
7.6	PROPOSED TRANSPORT TERMINUS	1.99
7.7	PROPOSED TRANSPORT TERMINUS	1.51
7.8	PROPOSED ROAD NETWORK	18.11

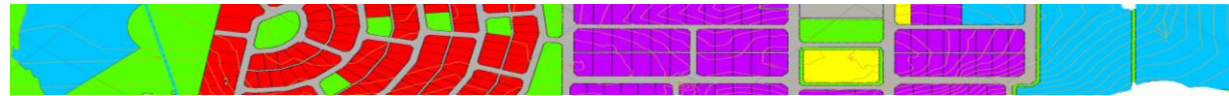
COUNTY GOVERNMENT OF MACHAKOS
STRUCTURE PLAN (2014 - 2035)
MACHAKOS NEW TOWN
DATE: OCTOBER 2014
SCALE: 1:5000
This plan has been prepared by PROFAHMS MUTUWA MBUTI (P.P.P. No. 151), Director, Renaissance Planning Ltd.
DRAWN BY: JESSE B. MBUTI
SUPERVISED BY: COUNTY PHYSICAL PLANNING OFFICER, MACHAKOS
DEPARTMENTAL REFERENCE NO. MACH/2014/015
CERTIFIED BY: _____
Signature: _____ Date: _____
APPROVED BY: _____
Signature: _____ Date: _____
Cabinet Secretary for Lands, Housing and Urban Development
APPROVED DEVELOPMENT PLAN NO. _____
NOTE:
1. All the areas are approximate and subject to final ground survey.
2. Existing cadastral boundary of the site covers a total area of 171.64 Ha.
3. The plan area within the Machakos New Town is a total area of 171.64 Ha.
4. All the areas are subject to the final ground survey.
5. All the areas are subject to the final ground survey.
6. All the areas are subject to the final ground survey.
7. All the areas are subject to the final ground survey.
8. All the areas are subject to the final ground survey.
9. All the areas are subject to the final ground survey.
10. All the areas are subject to the final ground survey.



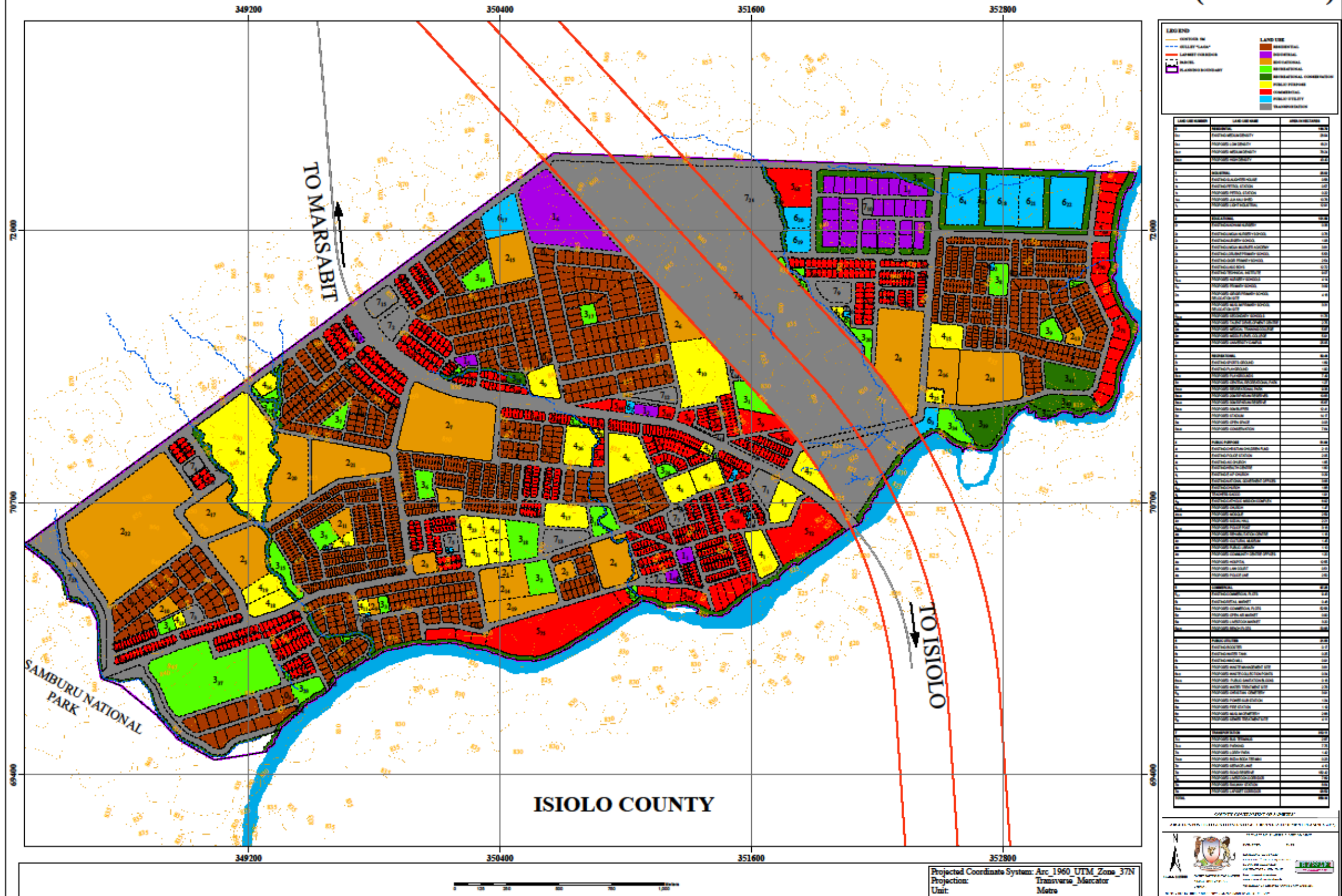


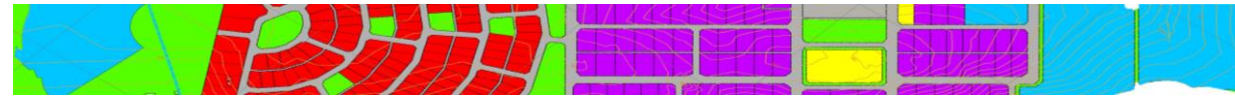
ARCHERS POST PROJECT OUTPUTS



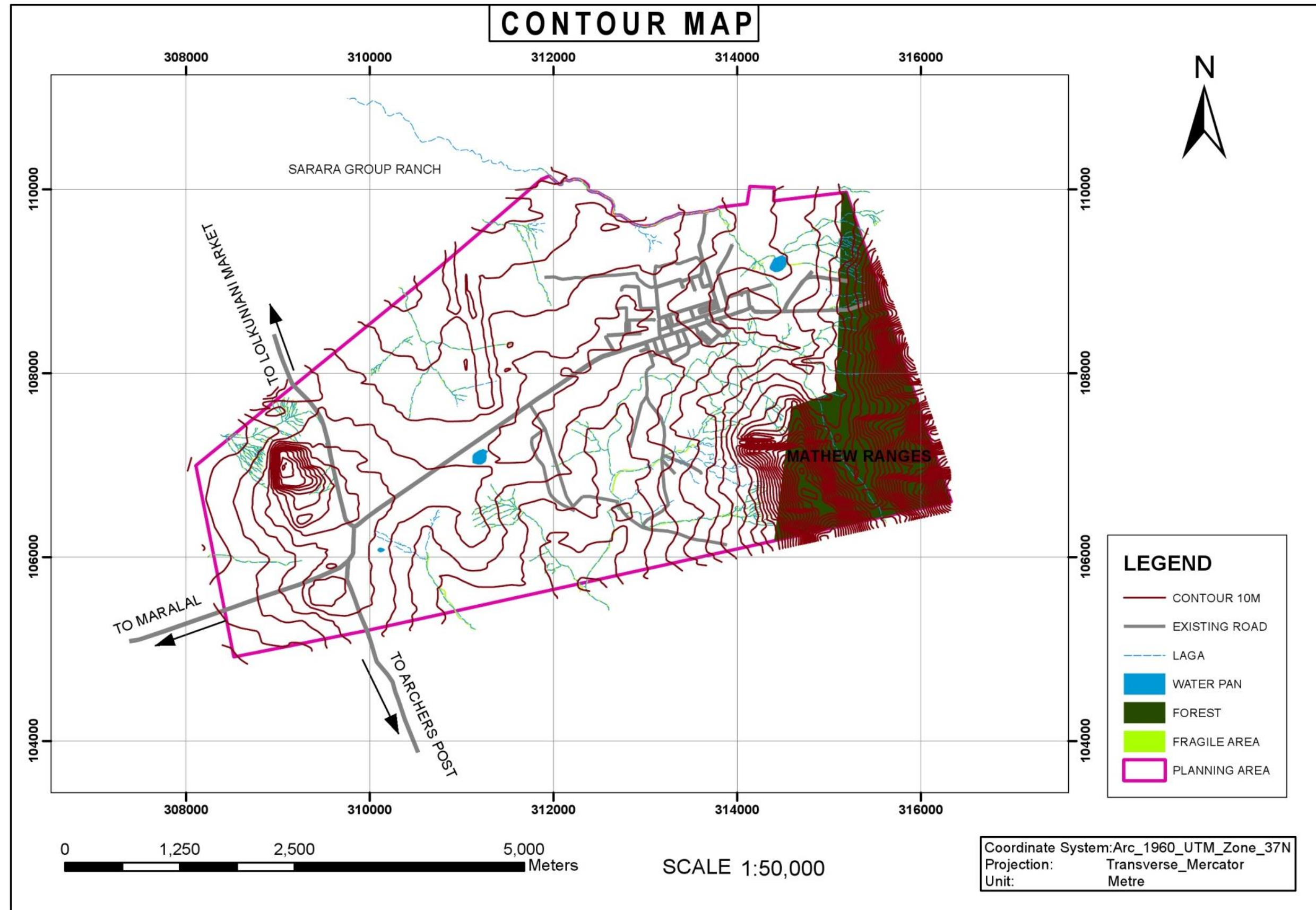


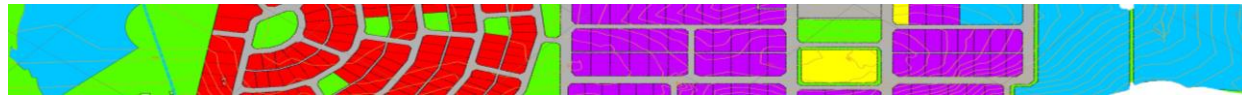
ARCHER'S POST TOWNSHIP INTEGRATED STRATEGIC URBAN DEVELOPMENT PLAN (2015-2035)



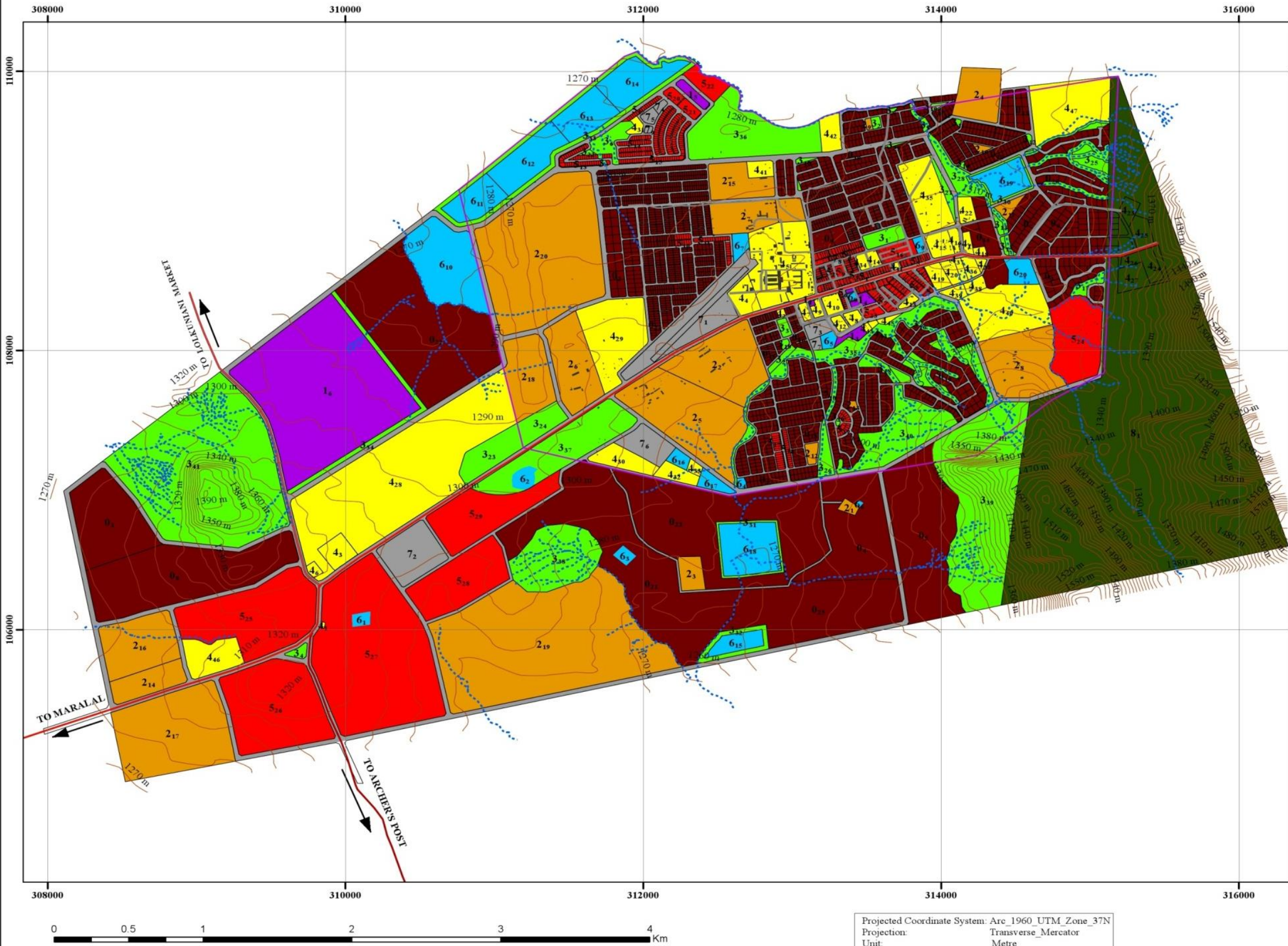


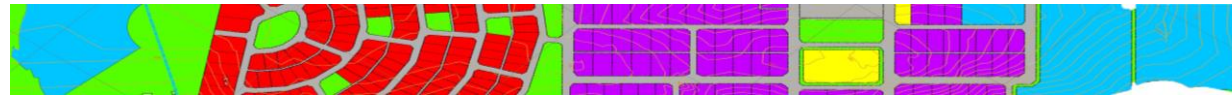
WAMBA PROJECT OUTPUTS



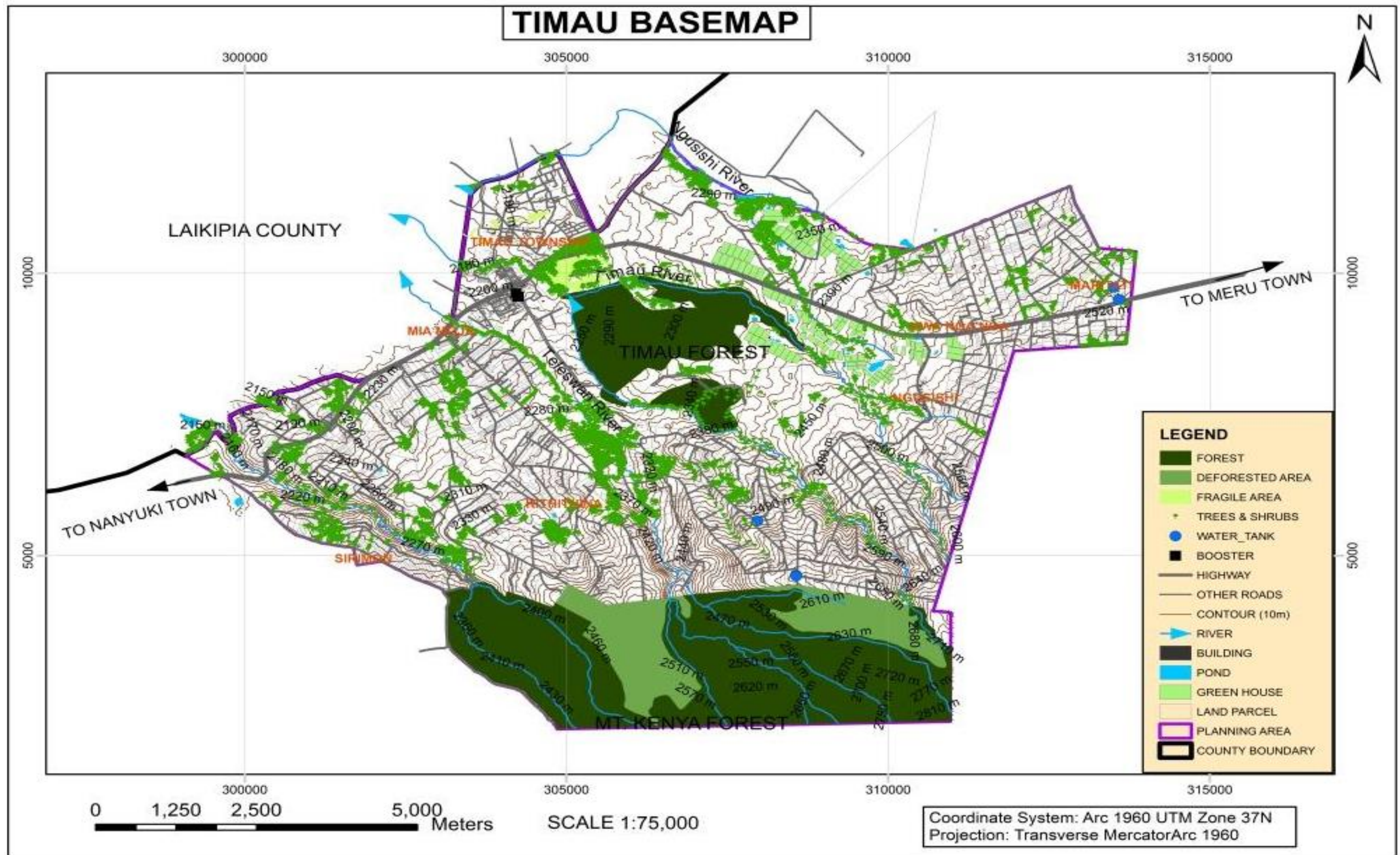


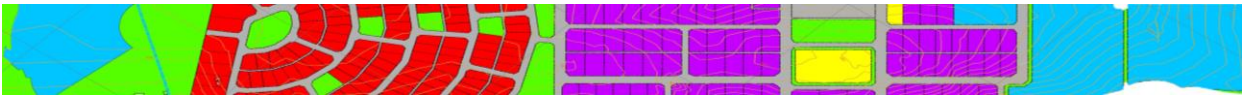
WAMBA TOWNSHIP LOCAL PHYSICAL DEVELOPMENT PLAN (2015 - 2035)



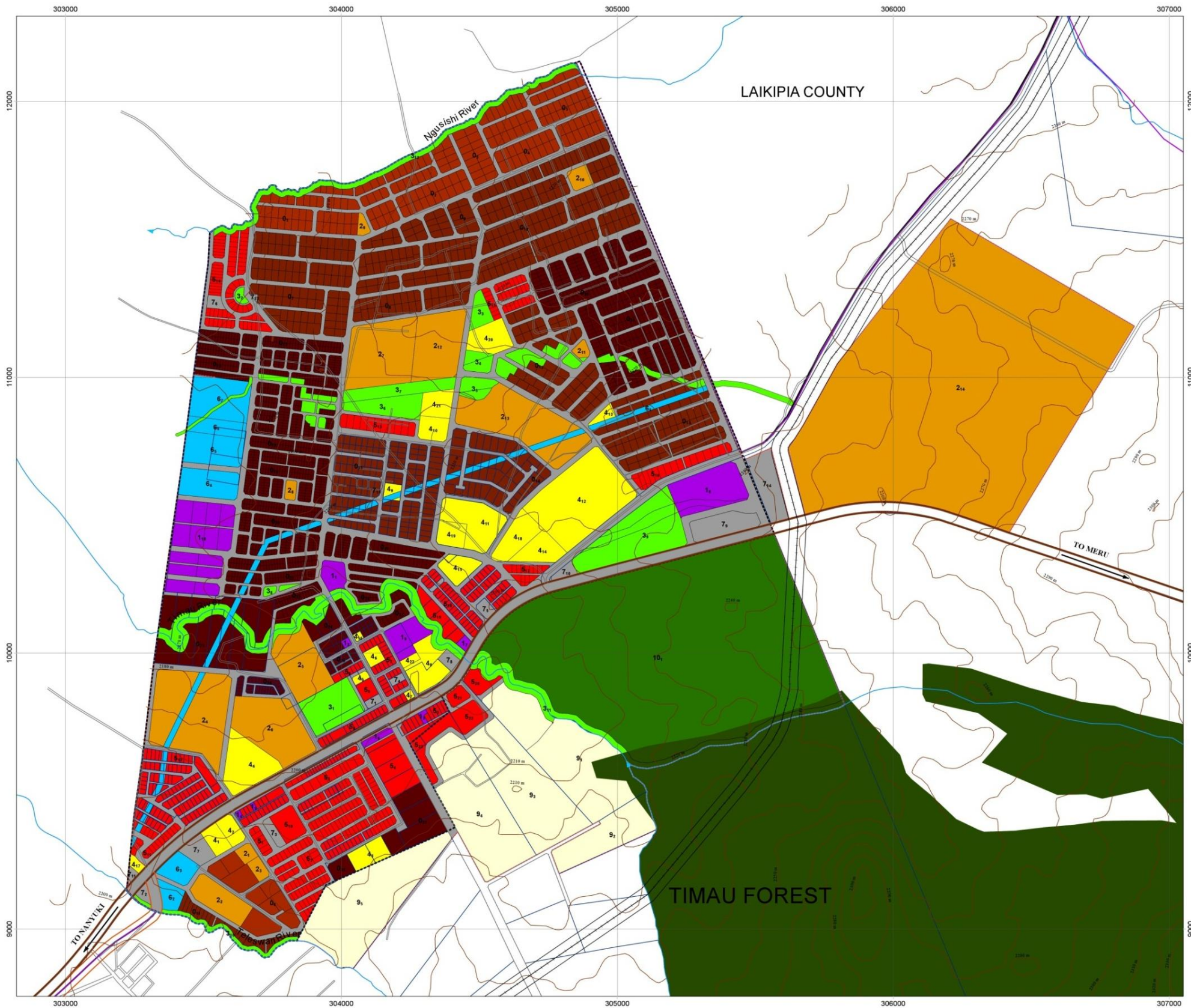


DIGITAL TOPOGRAPHICAL MAPPING AND INTEGRATED STRATEGIC DEVELOPMENT PLAN FOR TIMAU TOWNSHIP AND ITS ENVIRONS - DESIGN OUPUTS





TIMAU TOWNSHIP DETAILED LAND USE PLAN (2015 - 2035)



LEGEND

	RIVER		AGRICULTURAL
	CONTOUR 10m		COMMERCIAL
	OTHER ROADS		CONSERVATION
	OLD ROAD		EDUCATIONAL
	PROPOSED RAILWAY		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	24.47
0.2	PROPOSED MEDIUM DENSITY	67.74
0.3	PROPOSED HIGH DENSITY	56.12
1	INDUSTRIAL	12.57
1.1	EXISTING SLAUGHTERHOUSE	0.05
1.2	EXISTING WINDMILL	0.05
1.3	EXISTING PETROL STATION	0.10
1.4	EXISTING FILLING STATION	0.10
1.5	PROPOSED PETROL STATION	0.08
1.6	PROPOSED FILLING STATION	0.17
1.7	PROPOSED BAKALU SHEDS	0.07
1.8	PROPOSED LIGHT INDUSTRIAL	0.28
2	EDUCATIONAL	119.26
2.1	EXISTING TIMAU NURSERY	0.37
2.2	EXISTING PRIMARY SCHOOL	0.41
2.3	EXISTING OUR LADY OF VISITATION PRIMARY SCHOOL	0.38
2.4	EXISTING TIMAU PRIMARY SCHOOL	1.02
2.5	EXISTING OUR LADY OF VISITATION GIRLS SECONDARY SCHOOL	1.02
2.6	EXISTING SECONDARY SCHOOL	0.58
2.7	PROPOSED NURSERY SCHOOL	0.41
2.8	PROPOSED PRIMARY SCHOOL	0.10
2.9	PROPOSED MIDDLE LEVEL COLLEGE	1.88
2.10	PROPOSED UNIVERSITY	80.86
3	RECREATIONAL	23.34
3.1	EXISTING GROUND	0.07
3.2	PROPOSED PUBLIC PARK	0.05
3.3	PROPOSED PLAYGROUND	0.05
3.4	PROPOSED RECREATIONAL PARK	0.05
3.5	PROPOSED CENTRAL PARK	0.04
3.6	PROPOSED RECREATION RESERVE	14.99
4	PUBLIC PURPOSE	28.23
4.1	EXISTING NEW CHURCH	0.11
4.2	EXISTING PUBLIC LIBRARY	0.08
4.3	EXISTING ST STEPHEN CHURCH HOME	0.08
4.4	EXISTING CATHOLIC MISSION	0.08
4.5	EXISTING SOCIAL HALL	0.18
4.6	EXISTING SUB COUNTY OFFICES	0.17
4.7	EXISTING POST OFFICE	0.10
4.8	EXISTING POLICE STATION	0.08
4.9	EXISTING MOSQUE	0.05
4.10	EXISTING FISH CHURCH	0.08
4.11	EXISTING NATIONAL GOVERNMENT OFFICES	0.07
4.12	EXISTING TIMAU HOSPITAL	0.08
4.13	EXISTING CHURCH	0.07
4.14	PROPOSED SUB COUNTY OFFICES	0.08
4.15	PROPOSED LAW COURTS	0.08
4.16	PROPOSED CHURCH	0.07
4.17	PROPOSED NRMU OFFICE	0.05
4.18	PROPOSED COMMUNITY CENTRE	0.04
5	COMMERCIAL	40.35
5.1	EXISTING COMMERCIAL PLOTS	17.12
5.2	EXISTING RETAIL MARKET	0.07
5.3	EXISTING OPEN AIR MARKET	0.04
5.4	EXISTING CASH SHOP	0.10
5.5	PROPOSED COMMERCIAL PLOTS	21.87
6	PUBLIC UTILITIES	15.32
6.1	EXISTING POWER WAY LEAVE	0.04
6.2	PROPOSED POWER SUBSTATION	0.03
6.3	PROPOSED PIPE STATION	0.11
6.4	PROPOSED WATER RESERVOIR SITE	0.10
6.5	PROPOSED WASTE MANAGEMENT SITE	0.03
6.6	PROPOSED MASULU CEMETERY	0.12
6.7	PROPOSED CHRISTIAN CEMETERY	0.08
7	TRANSPORTATION	113.12
7.1	EXISTING BUS TERMINAL	0.18
7.2	PROPOSED PARKING LOT	0.18
7.3	PROPOSED BUS TERMINAL	0.10
7.4	PROPOSED BODA BODA SHEDS	0.05
7.5	PROPOSED ROAD RESERVE	108.88
7.6	PROPOSED RAILWAY STATION	0.21
8	AGRICULTURAL	103.27
8.1	EXISTING AGRICULTURAL LAND	103.27
9	CONSERVATION	103.27
9.1	PROPOSED CONSERVATION AREA	103.27
TOTAL		1222.70

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

SCALE 1:5,000

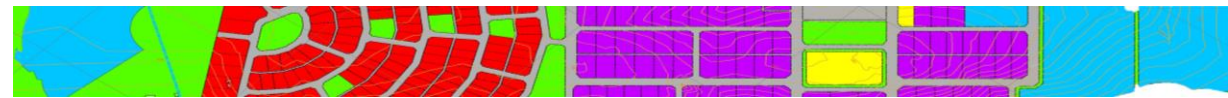
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COUNTY GOVERNMENT OF MERU
P.O. Box 126-6036, MERU

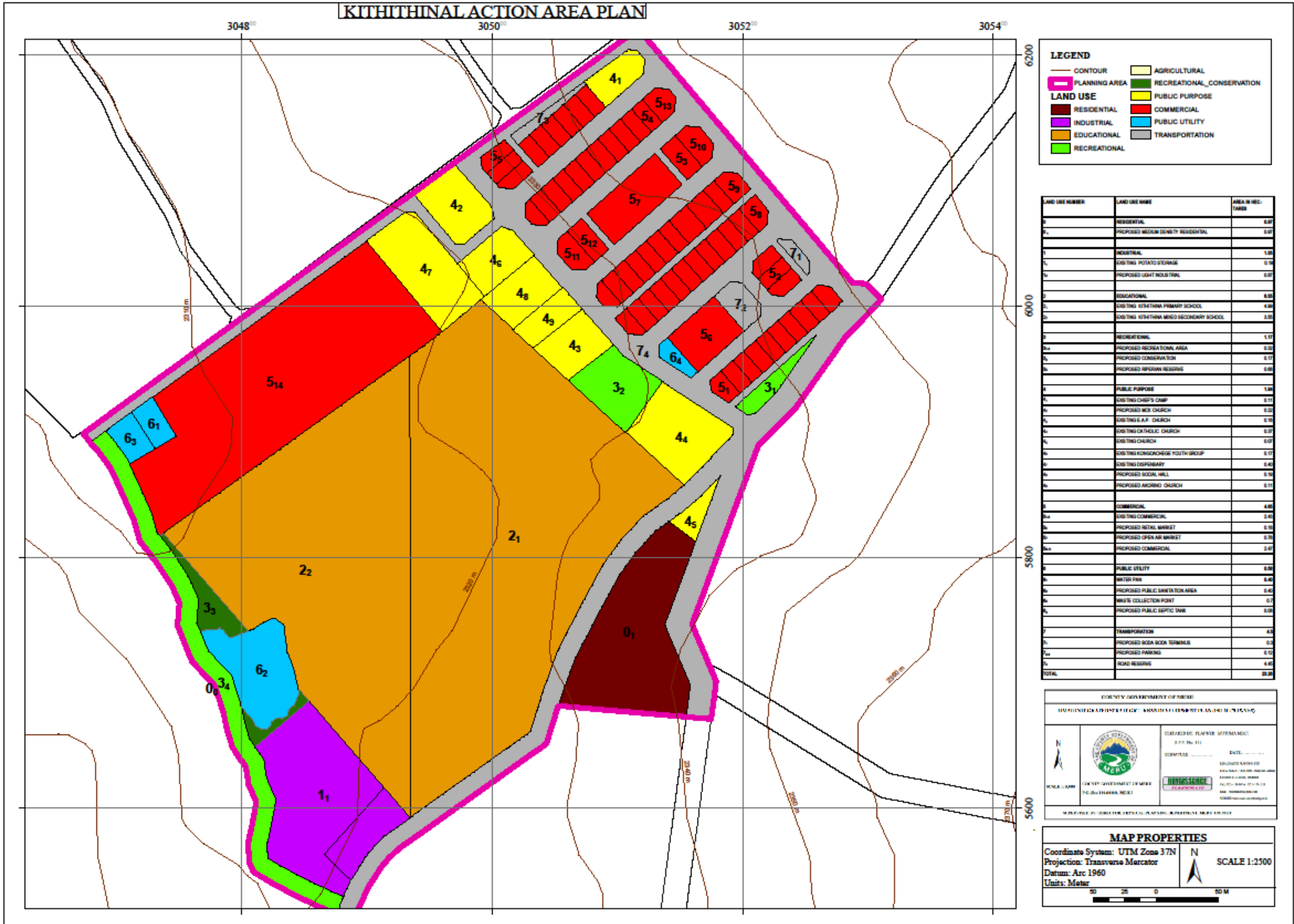
PREPARED BY: PLANNER MUTINDA MABU
PPP No: 151
DATE: _____
SIGNATURE: _____
REDASSANCE PLANNING LTD
100A PLAZA TERRACE, 100A PLAZA, 100A PLAZA, 100A PLAZA
P.O. Box 126-6036, MERU
Email: info@redassance.co.ke
Website: www.redassance.co.ke

SUPERVISED BY: DIRECTOR, PHYSICAL PLANNING DEPARTMENT, MERU COUNTY

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



KITHITHINAL ACTION AREA PLAN



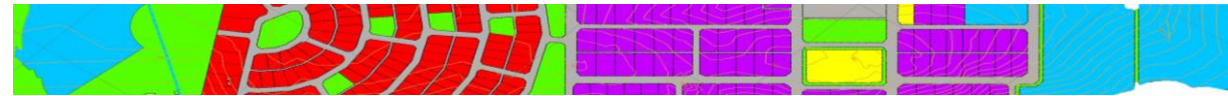
LEGEND

CONTOUR	AGRICULTURAL
PLANNING AREA	RECREATIONAL_CONSERVATION
LAND USE	PUBLIC PURPOSE
RESIDENTIAL	COMMERCIAL
INDUSTRIAL	PUBLIC UTILITY
EDUCATIONAL	TRANSPORTATION
RECREATIONAL	

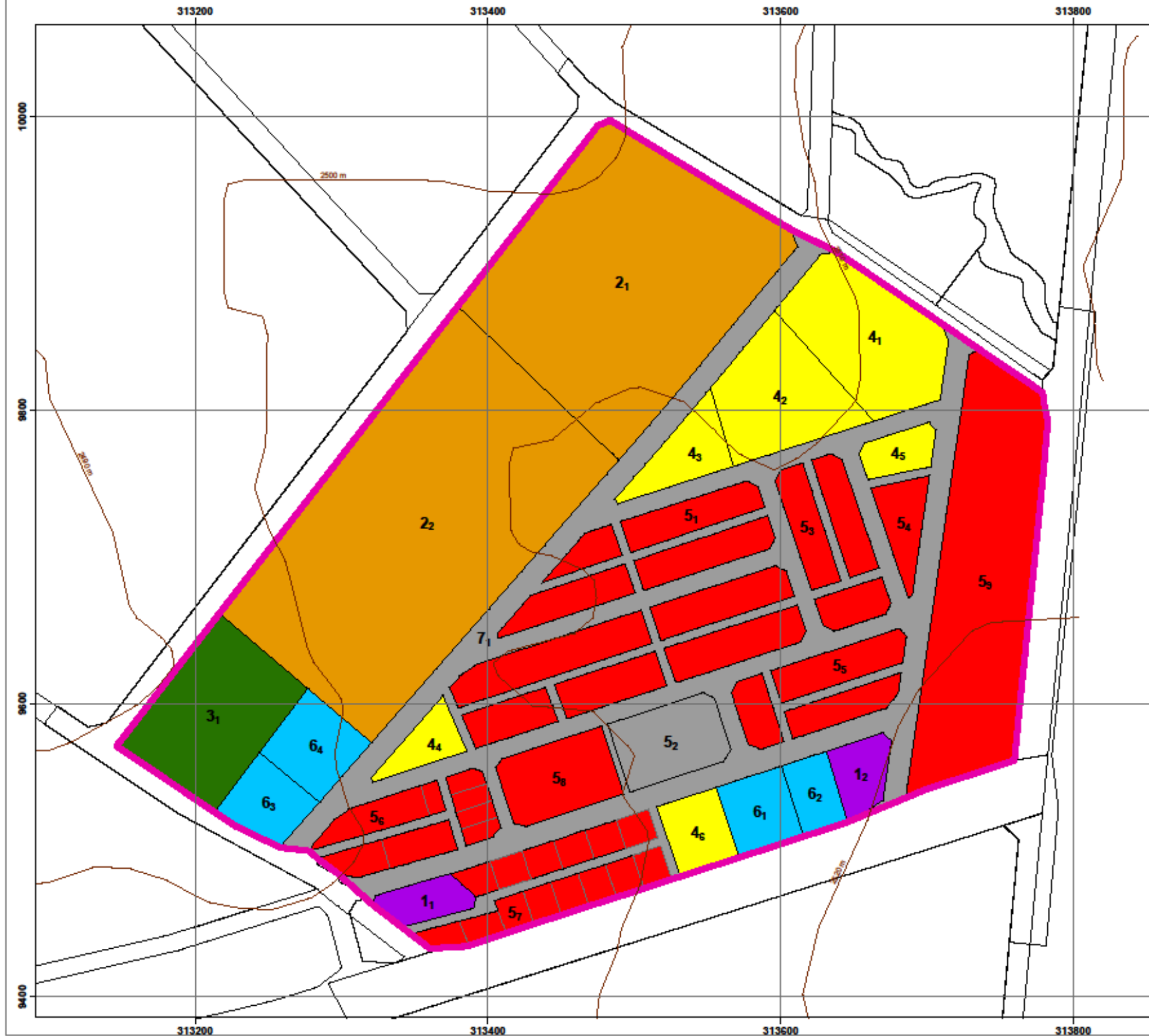
LAND USE NUMBER	LAND USE NAME	AREA IN HEC-TARES
0	RESIDENTIAL	0.07
01	PROPOSED MEDIUM DENSITY RESIDENTIAL	0.07
1	INDUSTRIAL	1.05
11	EXISTING POTATO STORAGE	0.19
12	PROPOSED LIGHT INDUSTRIAL	0.07
2	EDUCATIONAL	0.05
21	EXISTING KITHITHINAL PRIMARY SCHOOL	4.08
22	EXISTING KITHITHINAL MIXED SECONDARY SCHOOL	2.05
3	RECREATIONAL	1.17
31	PROPOSED RECREATIONAL AREA	0.33
32	PROPOSED CONSERVATION	0.17
33	PROPOSED WETLAND RESERVE	0.09
4	PUBLIC PURPOSE	1.04
41	EXISTING CHIEF'S CAMP	0.11
42	PROPOSED WEA CHURCH	0.22
43	EXISTING E.A.P. CHURCH	0.19
44	EXISTING ORTHODOX CHURCH	0.07
45	EXISTING CHURCH	0.07
46	EXISTING KONGORCHIE YOUTH GROUP	0.17
47	EXISTING DISPENSARY	0.42
48	PROPOSED SOCIAL HALL	0.19
49	PROPOSED AGRIC. CHURCH	0.11
5	COMMERCIAL	4.05
51	EXISTING COMMERCIAL	2.43
52	PROPOSED RETAIL MARKET	0.19
53	PROPOSED OPEN AIR MARKET	0.75
54	PROPOSED COMMERCIAL	2.47
6	PUBLIC UTILITY	0.09
61	WATER PIPES	0.42
62	PROPOSED PUBLIC SANITATION AREA	0.42
63	WASTE COLLECTION POINT	0.17
64	PROPOSED PUBLIC SEPTIC TANK	0.09
7	TRANSPORTATION	4.15
71	PROPOSED BODA BODA TERMINUS	0.23
72	PROPOSED PARKING	0.12
73	ROAD RESERVES	4.42
TOTAL		23.28

COUNTY GOVERNMENT OF MERU
 MUNICIPAL INTEGRATED DEVELOPMENT AUTHORITY (MIDA) MURUGA
 DEVELOPMENT PLANNING DEPARTMENT
 Z.P.P. No. 111
 DATE: _____
 COUNTY GOVERNMENT OF MERU
 P.O. BOX 10000, MERU
 TEL: 020-2840000
 FAX: 020-2840000
 EMAIL: meru@kenya.go.ke
 WWW.MERUGO.KE

MAP PROPERTIES
 Coordinate System: UTM Zone 37N
 Projection: Transverse Mercator
 Datum: Arc 1960
 Unit: Meter
 SCALE 1:2500
 0 25 50 M



MARITATI ACTION AREA PLAN

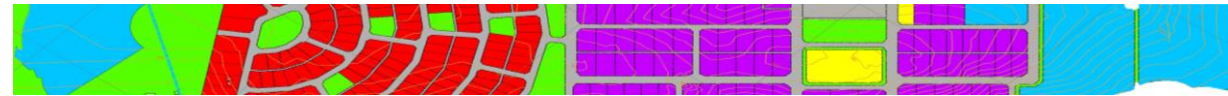


LEGEND	
CONTOUR	RECREATIONAL_CONSERVATION
PLANNING AREA	PUBLIC PURPOSE
INDUSTRIAL	COMMERCIAL
EDUCATIONAL	PUBLIC UTILITY
	TRANSPORTATION

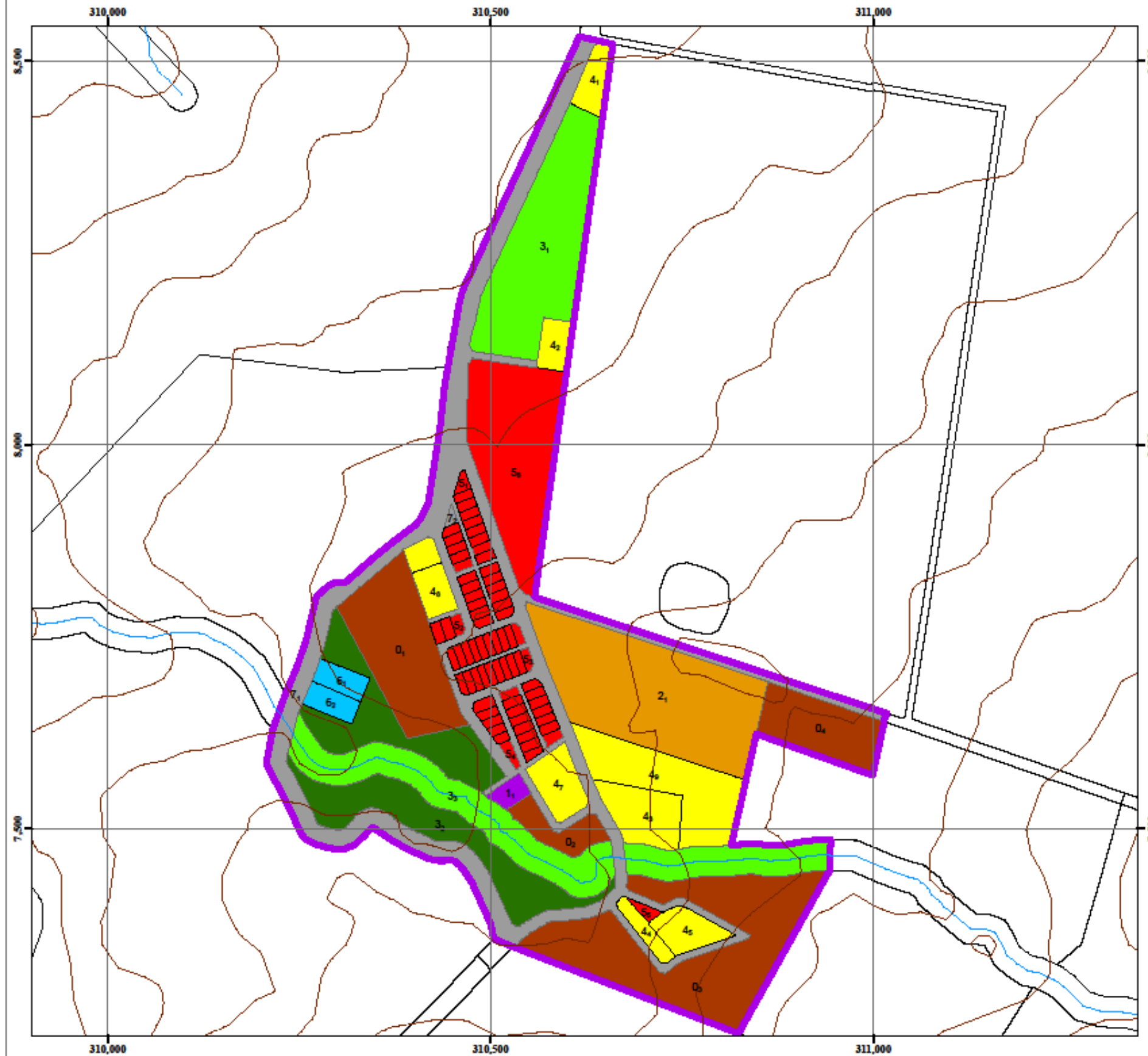
LAND USE NUMBER	LAND USE NAME	AREA IN HECTARES
1	INDUSTRIAL	0.33
1.1	EXISTING PETROL STATION	0.15
1.2	PROPOSED PETROL STATION	0.17
2	EDUCATIONAL	6.56
2.1	EXISTING PRIMARY SCHOOL	2.80
2.2	EXISTING SECONDARY SCHOOL	3.76
3	CONSERVATIONAL	0.88
3.1	PROPOSED CONSERVATIONAL	0.88
4	PUBLIC PURPOSE	2.18
4.1	EXISTING POLICE POST	0.79
4.2	EXISTING DISPENSARY	0.62
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	
INTEGRATED STRATEGIC URBAN DEVELOPMENT PLAN (2019-2025)	
	PREPARED BY: PLANNING DEPARTMENT DATE: _____ DRAWN BY: _____ DATE: _____ CHECKED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____

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)



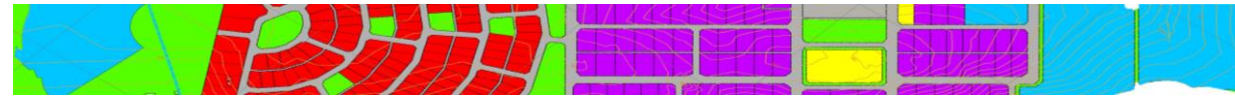
LEGEND

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 MADARAKA PRIMARY SCHOOL	3.03
3	RECREATIONAL	0.01
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

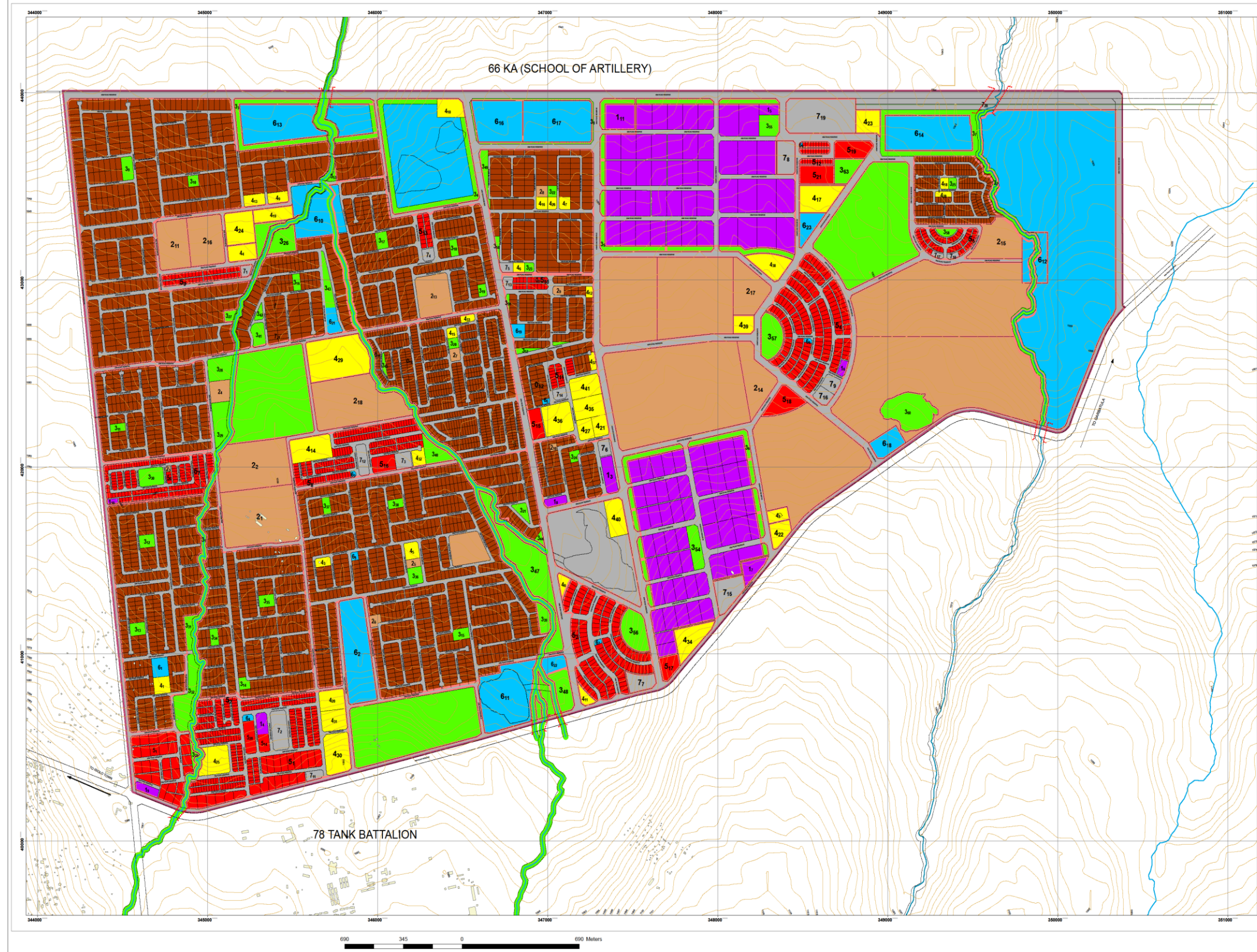
COUNTY GOVERNMENT OF MERU	
T. MUKUNDU CHIEF OF DISTRICT HEADQUARTERS, MERU DISTRICT, 2015	
	PREPARED BY: PLANNING SECTION, MERU DISTRICT REF. No. 1/1 DATE: _____ DRAWN BY: _____ CHECKED BY: _____ SCALE: 1:10,000 COUNTY GOVERNMENT OF MERU P.O. Box 124424, MERU
	PROJECTED BY: DISTRICT PLANNING DEPARTMENT, MERU COUNTY

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

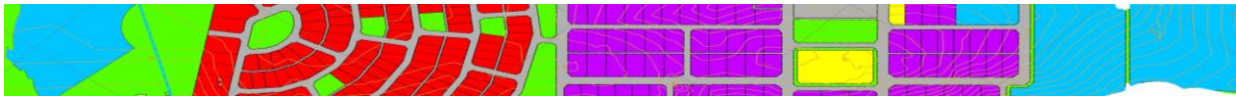


NTURINGWI "A" PROJECT OUTPUT

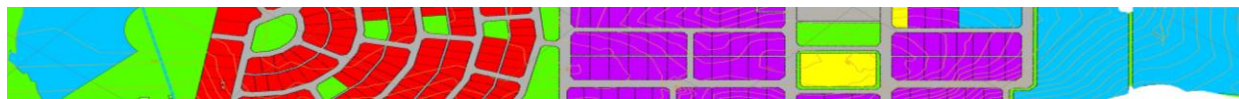
LOCAL PHYSICAL DEVELOPMENT PLAN -NTURINGWI "A" TOWNSHIP



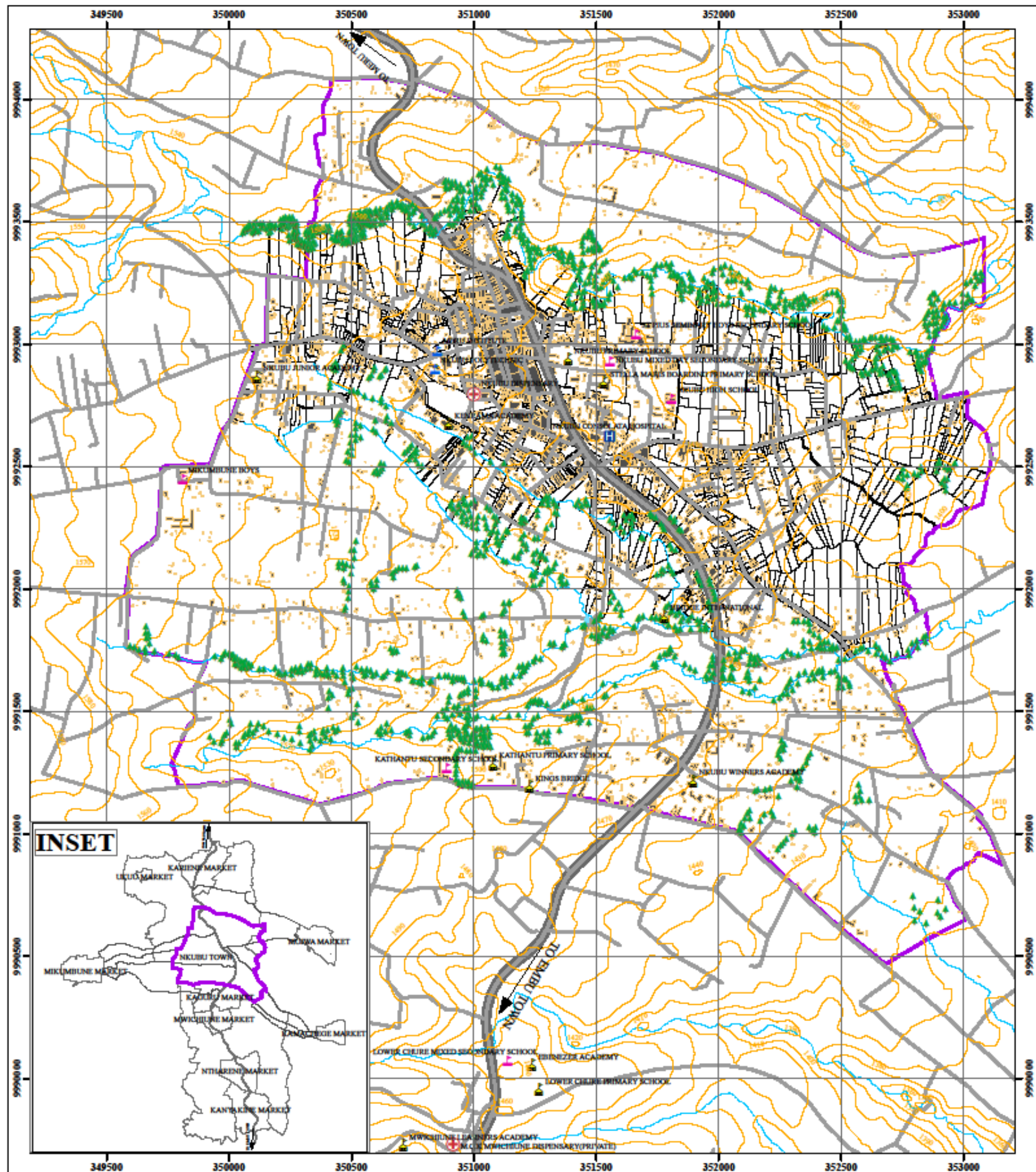
LEGEND		
• BOREHOLE	LAND USE	
EXISTING_LAGA	RESIDENTIAL	
BRIDGE	INDUSTRIAL	
CONTOUR	EDUCATIONAL	
PROPOSED_RAILWAY_LINE	RECREATIONAL	
RIVER_MAJI_YA_CHUMVI	PUBLIC PURPOSE	
PARCELS	COMMERCIAL	
BUILDINGS	PUBLIC UTILITY	
PROPOSED_NTURINGWI_A_TOWNSHIP	TRANSPORTATION	
ZONE_BOUNDARY		
LAND_USE_PROPOSALS		
LAND USE NUMBER	LAND USE NAME	AREA IN HECTARES
1	RESIDENTIAL	488.59
2	PROPOSED LOW DENSITY	188.44
3	PROPOSED MEDIUM DENSITY	250.00
4	PROPOSED HIGH DENSITY	46.12
5	INDUSTRIAL	102.97
6	PROPOSED HEAVY INDUSTRIAL PARK	46.36
7	PROPOSED LIGHT INDUSTRIAL PARK	46.36
8	PROPOSED AIR RAIL	2.07
9	PROPOSED PORTAL STATION	0.77
10	PROPOSED SLAUGHTERHOUSE	2.36
11	EDUCATIONAL	261.88
12	EXISTING KIBERA PRIMARY AND NURSERY	41.08
13	EXISTING KIBERA SECONDARY	15.32
14	PROPOSED NURSERY SCHOOL	2.48
15	PROPOSED PRIMARY AND NURSERY SCHOOL	22.34
16	PROPOSED SECONDARY SCHOOL	69.87
17	PROPOSED TECHNICAL TRAINING INSTITUTE	71.94
18	PROPOSED MIDDLE LEVEL COLLEGE	19.77
19	PROPOSED UNIVERSITY CAMPUS	188.56
20	PROPOSED RESEARCH INSTITUTE CENTRE	188.56
21	RECREATIONAL	281.46
22	PROPOSED SANITARIUM RESERVE	46.25
23	PROPOSED SANITARIUM	26.18
24	PROPOSED SANITARIUM	1.81
25	PROPOSED PLAYGROUND	2.75
26	PROPOSED RECREATION PARK	46.36
27	PROPOSED RECREATION PARK	26.36
28	PROPOSED CONSERVATION AREA	4.81
29	PROPOSED STADIUM	21.07
30	PROPOSED SPORTS COMPLEX	26.36
31	PROPOSED SPORTS CLUB	4.74
32	PUBLIC PURPOSE	188.76
33	EXISTING MOSQUE	0.86
34	EXISTING CHURCH	0.86
35	EXISTING CHURCH CAMP	0.81
36	PROPOSED CHURCH	2.96
37	PROPOSED MOSQUE	2.14
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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 |

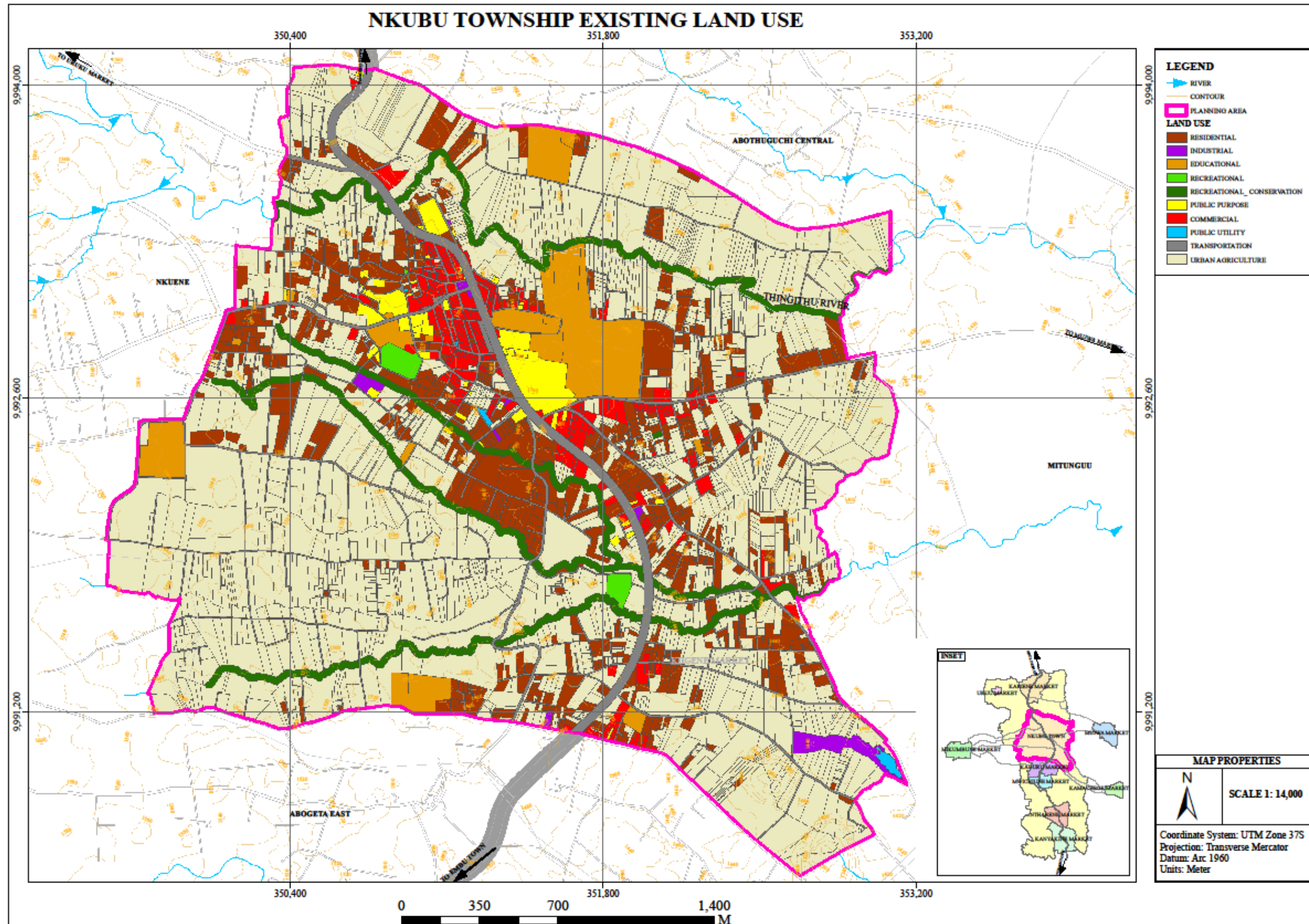
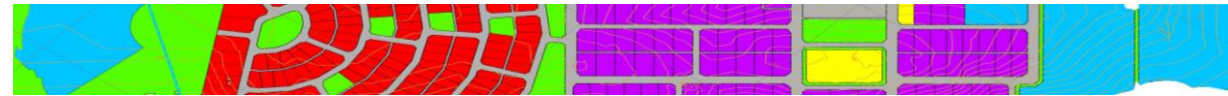
MAP PROPERTIES

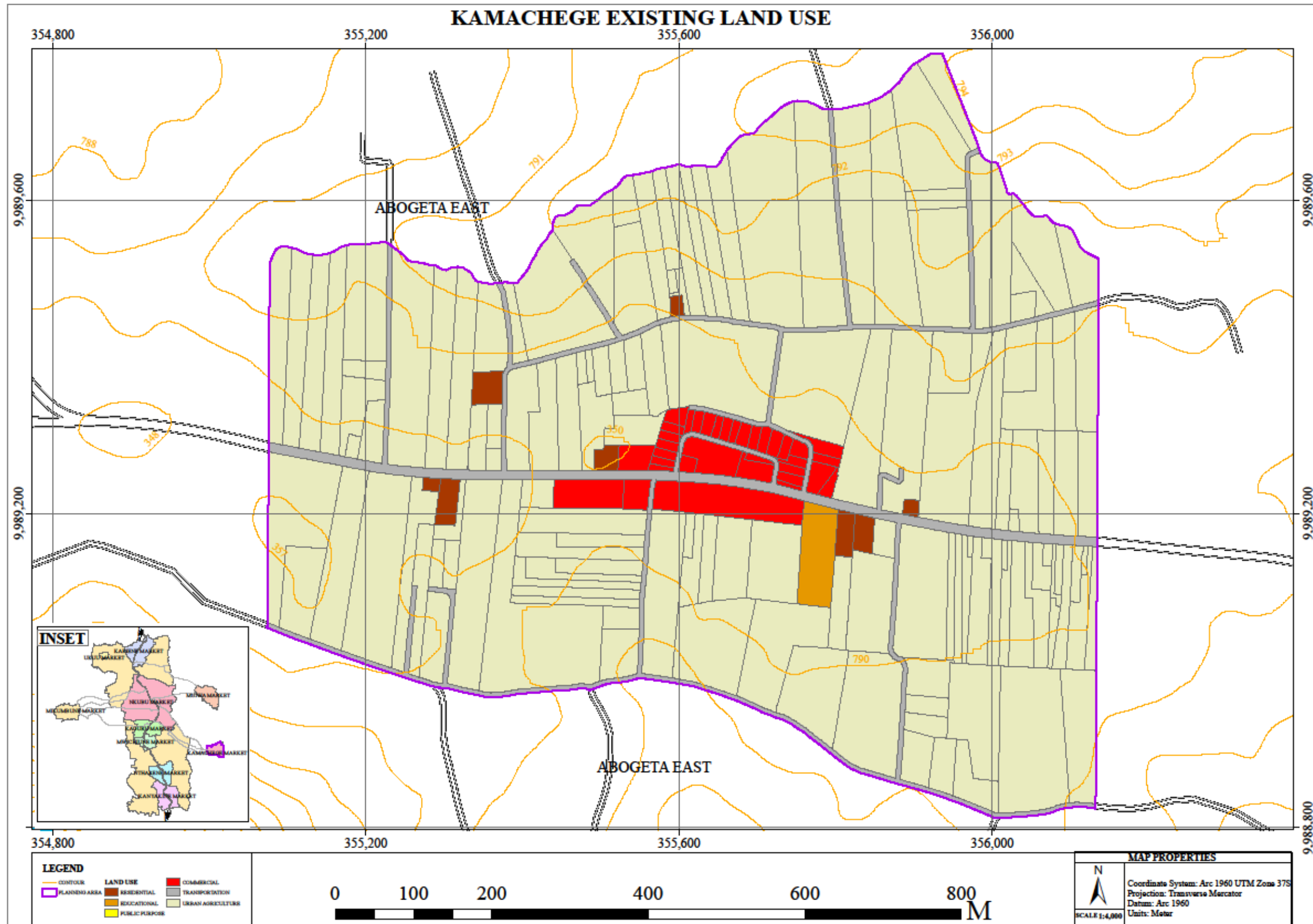
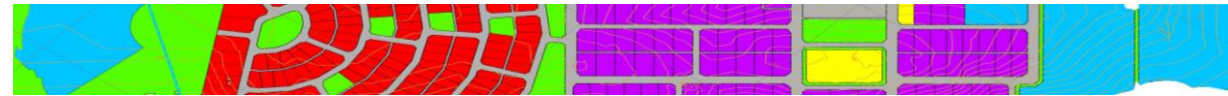


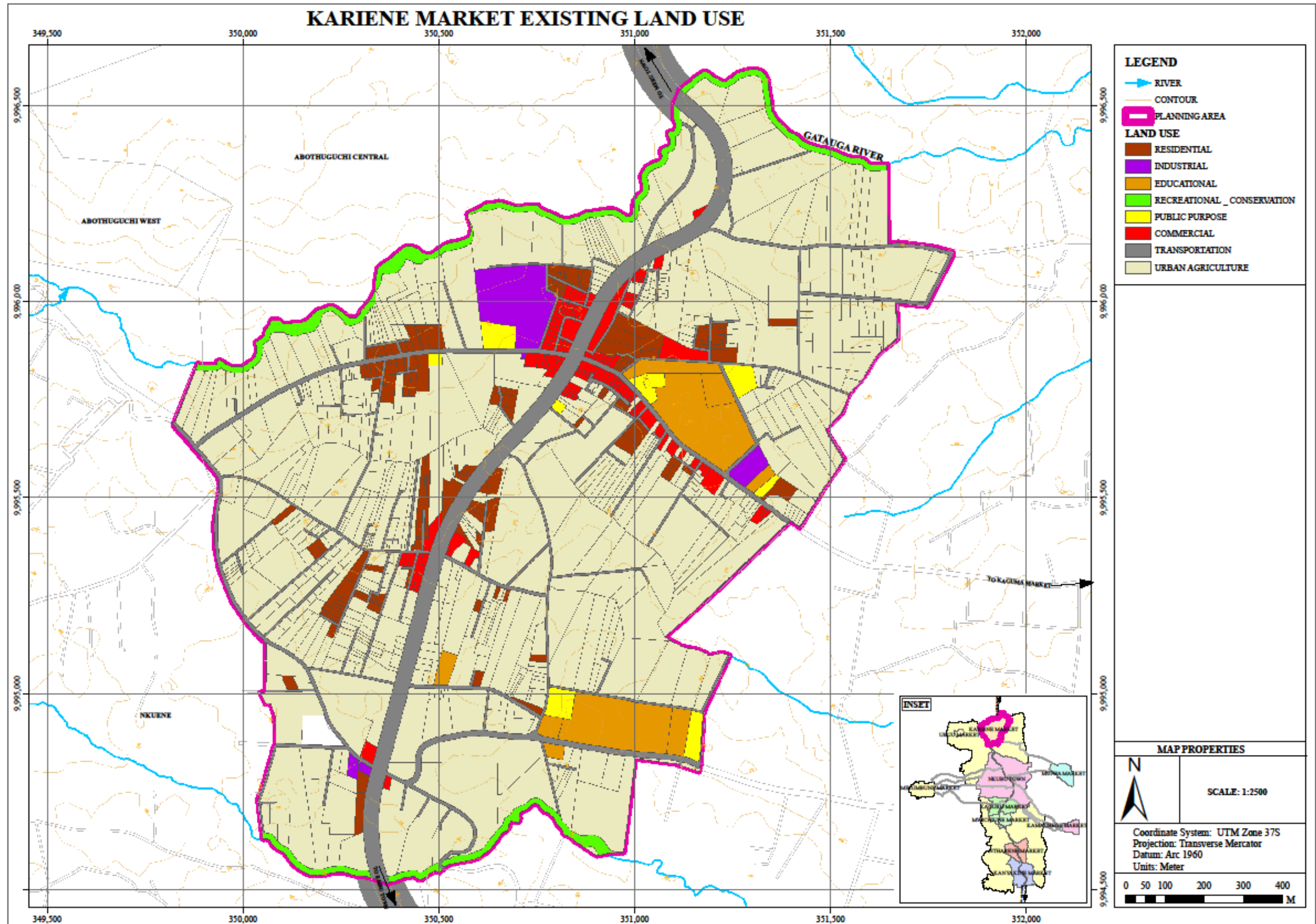
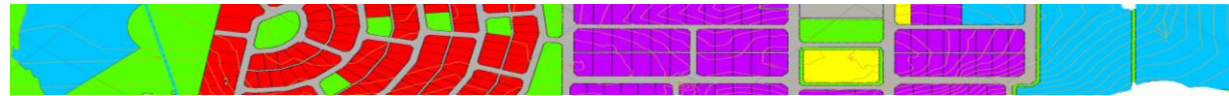
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Projection: Transverse Mercator
Datum: Arc 1960
Units: Meter

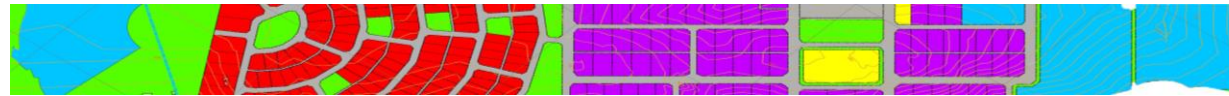
SCALE 1:2,500

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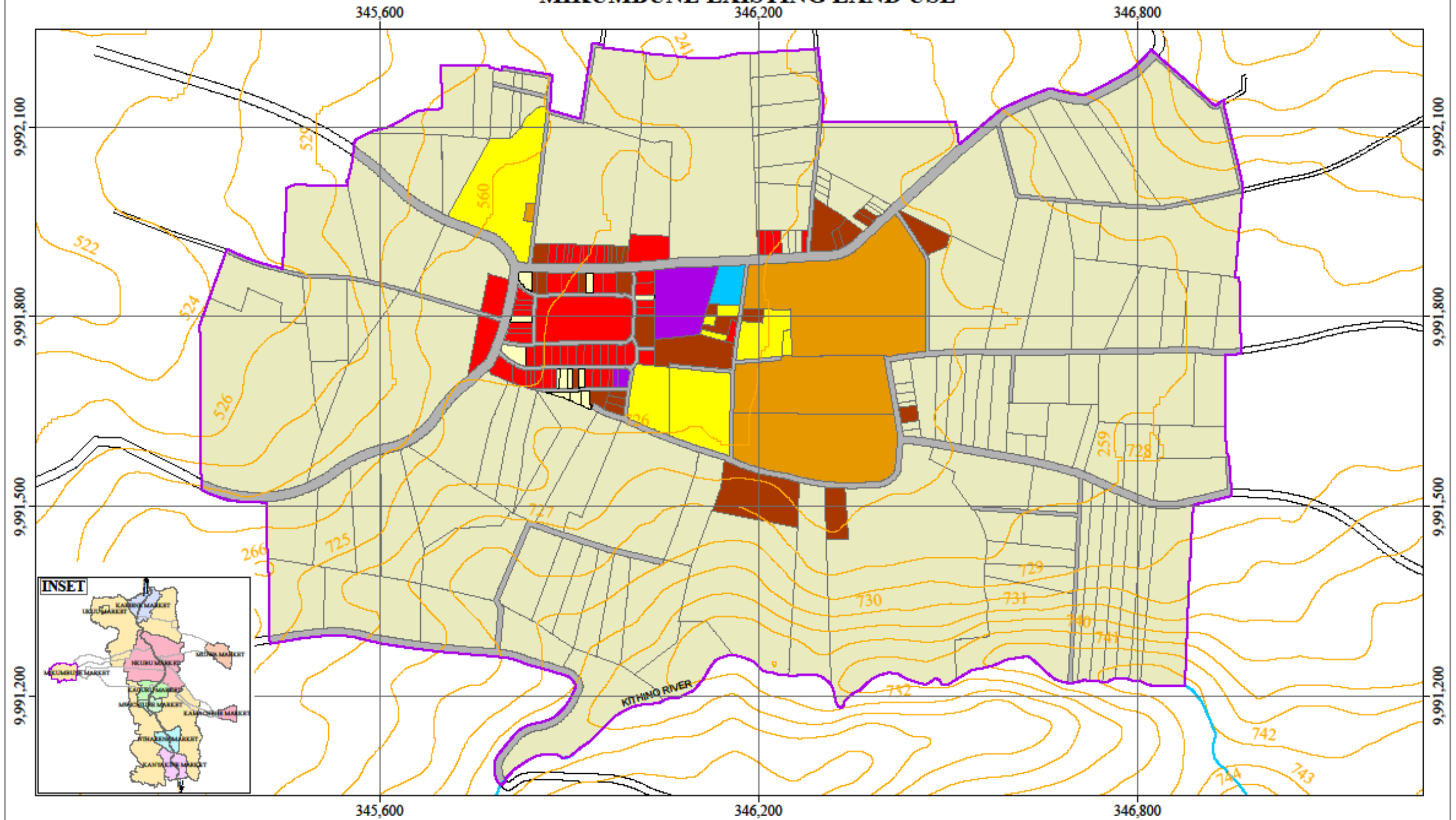




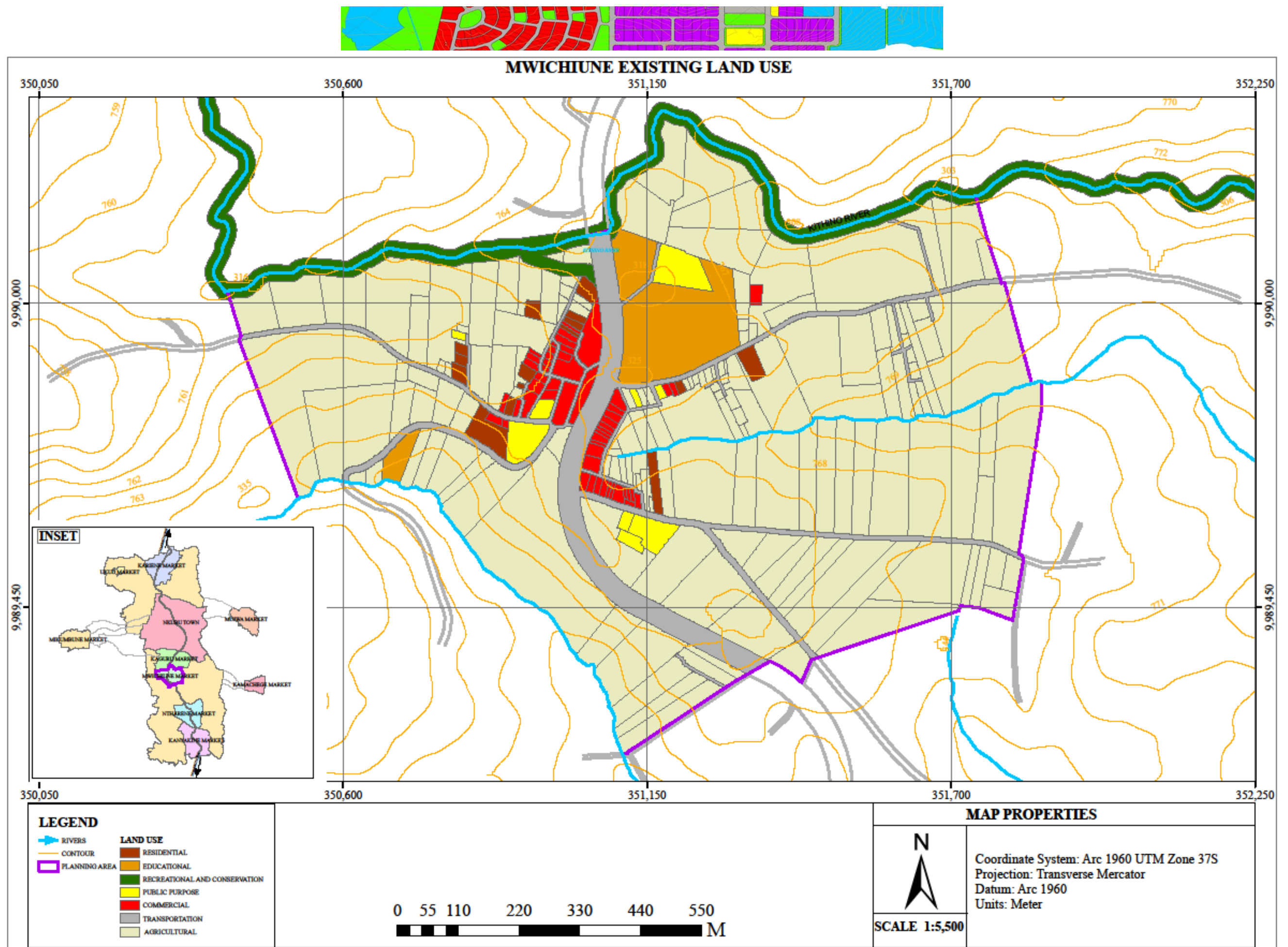


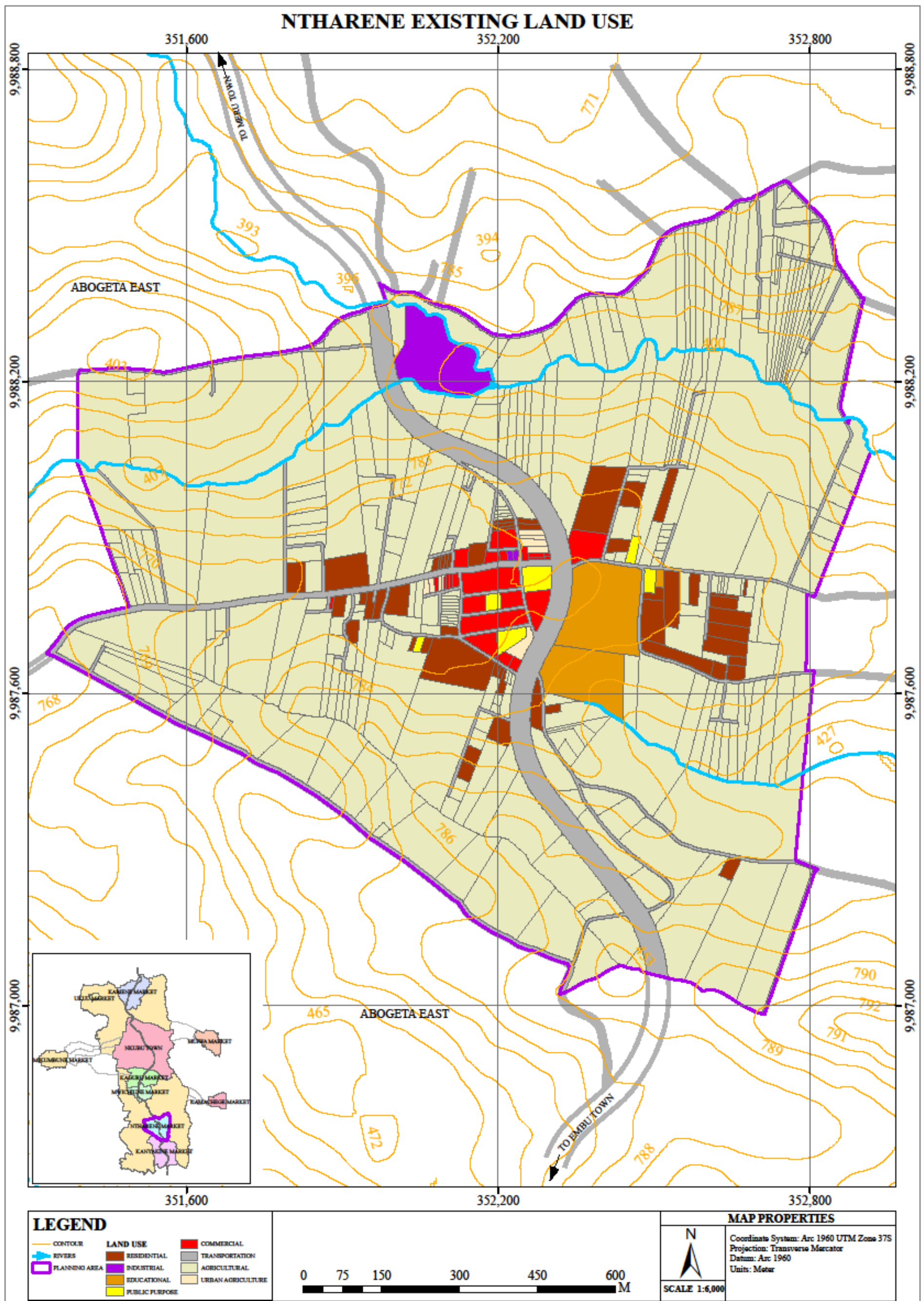
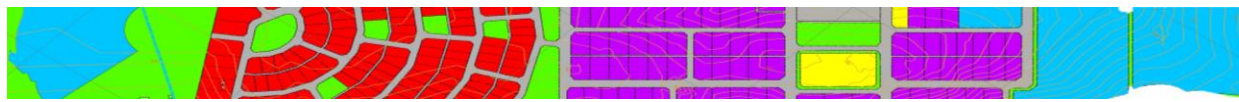


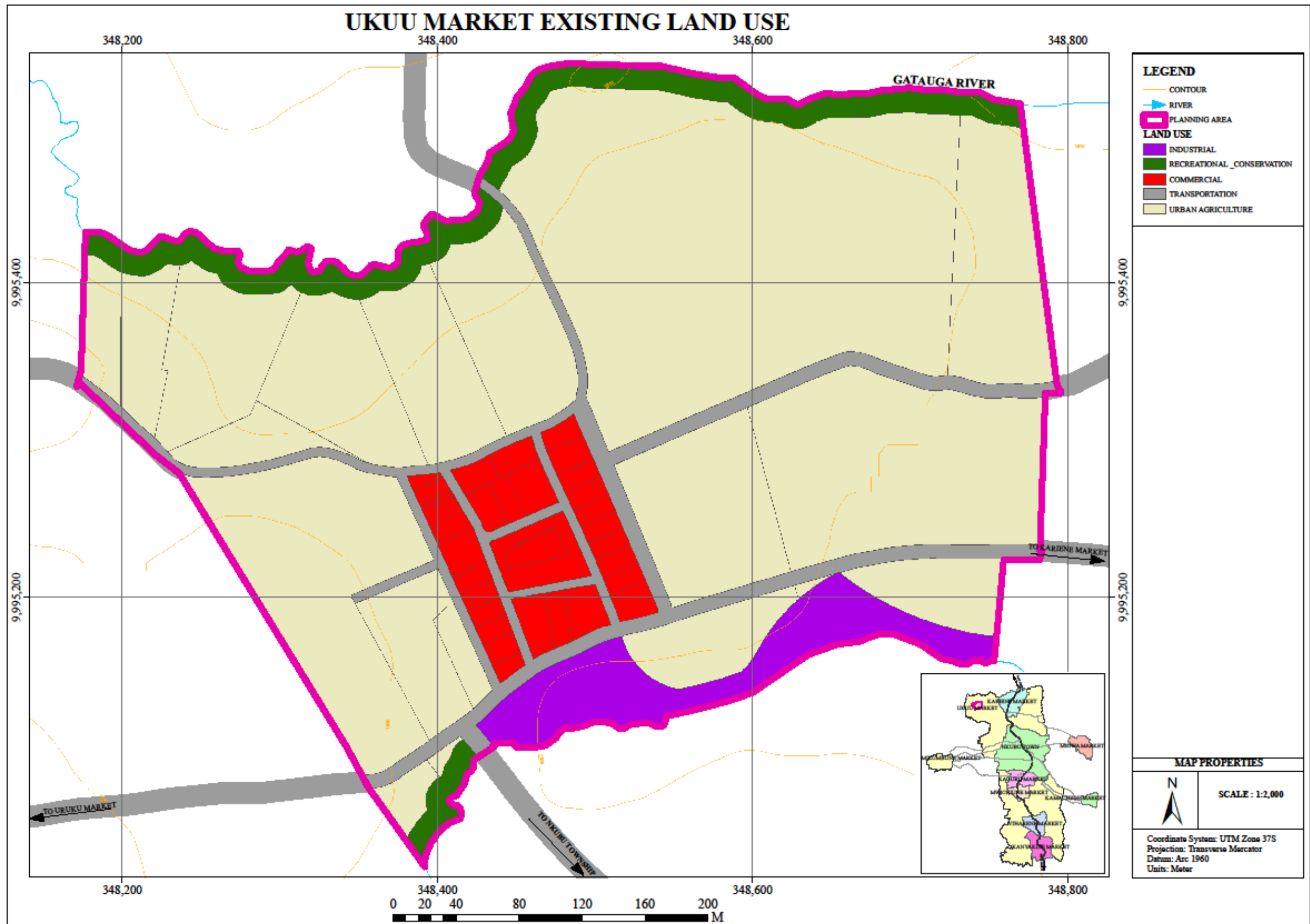
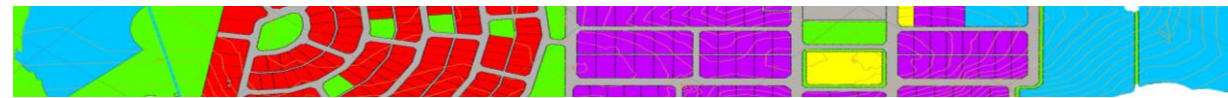
MIKUMBUNE EXISTING LAND USE

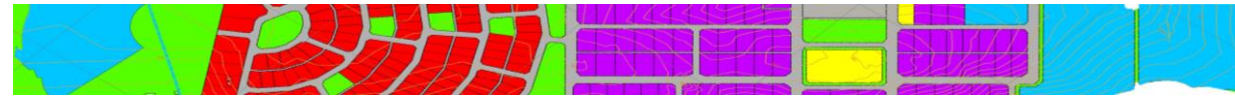


LEGEND		MAP PROPERTIES	
<ul style="list-style-type: none"> CONTOUR RIVERS PLANNING AREA 	LAND USE <ul style="list-style-type: none"> COMMERCIAL RESIDENTIAL INDUSTRIAL EDUCATIONAL RECREATIONAL_CONSERVATION PUBLIC PURPOSE PUBLIC UTILITY TRANSPORTATION AGRICULTURAL URBAN AGRICULTURE 	<p>SCALE 1:5,500</p>	<p>Coordinate System: Arc 1960 UTM Zone 37S Projection: Transverse Mercator Datum: Arc 1960 Units: Meter</p>

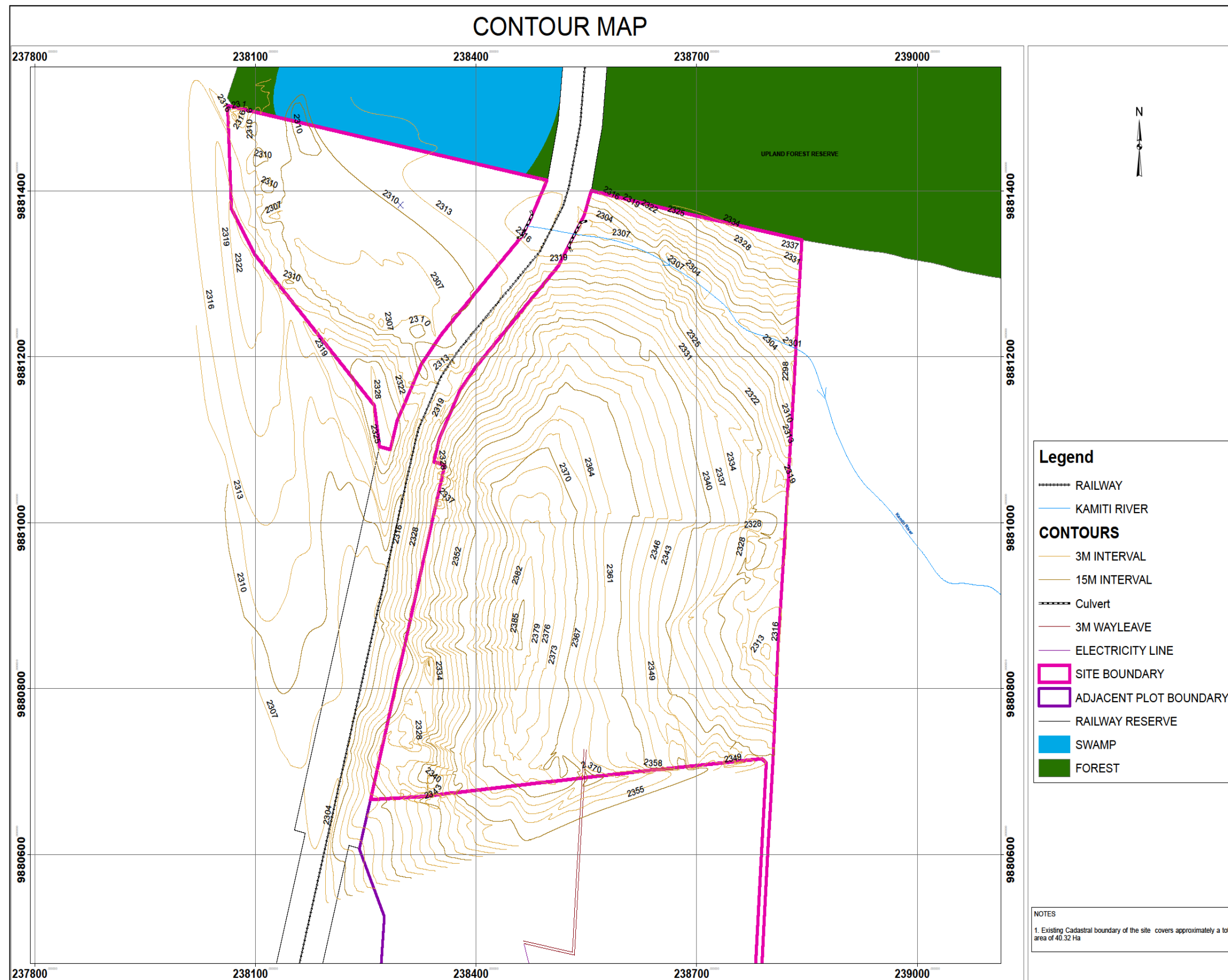




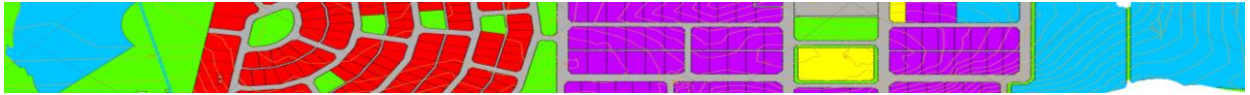




MASTER PLAN ON LR No. 237/2/10 - LIMURU







RENAISSANCE PLANNING LTD



RENAISSANCE PLANNING LTD



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Moi Avenue



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