

CURRICULUM VITAE

PERSONAL DETAILS

NAME	Eric Waigwa Maina
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DATE OF BIRTH	29th June 1993
NATIONALITY	Kenyan
SEX:	Male
MARITAL STATUS:	Single
RELIGION:	Christian
LANGUAGE:	English, Kiswahili and Kikuyu

CAREER OBJECTIVES

To be goal oriented, creative and innovative in the area of work. Work under minimal supervision in ensuring that the organization goals and objectives are met within the set time.

KEY COMPETENCES

- General knowledge of engineering projects, the regulations and procedures followed such as in road and sewer line construction .
- Proficient in operating various land surveying instruments such as total station, automatic level and RTK.
- Ability to interpret drawings and use various drawing softwares such as Autocad and global mapper to produce engineering design drawings and maps.
- Good communication skills and ability to work as a team in order to achieve the goals set by the organization.

ACADEMIC BACKGROUND

September 2014 to date:	Kenya Institute of Highway and Building Technology. (Diploma in land survey).
May 2013-August 2013:	Digital World Connection Computer College (Certificate of computer competence)
2009-2012:	Kigumo Bendera Boys High School. (Kenya certificate of secondary education)
2001-2008:	Muruguru Primary School (Kenya certificate of primary education)

WORK EXPERIENCE

February 2018 – to date;	Visrom company LTD.
Job title;	Land surveyor.

NAIROBI SATELLITE TOWN WATER & SANITATION DEV. PROGRAMME

MWIHOKO WATER SUPPLY PROJECT (November 2023-to date)

Responsibilities

- Conducting topographic survey for preparation of the design and the asbuilt drawing .
- Setting out of water pipeline in preparation for trench excavation and pipe laying.
- Supervising trench excavation according to the designed trench depth and width.
- Taking measurements of trench depths and computing quantities of trench excation.

**CIVIL WORKS FOR CONSTRUCTION OF BOTTOM LOADING FACILITY AT
KPC NAIROBI TERMINAL(June 2023-to date)**

Responsibilities

- Conducting topographic survey for preparation of the design and the asbuilt drawing .
- Setting out of roads, walkway, drainage and the loading gantry.
- Levelling and supervising backfilling of murrum to the designed level.
- Supervising hand packing, installation of road kerbs, channels and cabro.
- Taking measurements and computing quantities of earth works.

SEWERAGE CONNECTION OF RUJWASCO MAIN OFFICE(January 2023-February 2023)

Responsibilities

- Setting out of the sewer line according to the engineer's design.
- Supervising excavation of sewer line trenches, pipe laying and leveling of sewer line invert levels according to the designed profile.
- Supervising construction of sewerage manholes and chambers.

**CONSTRUCTION OF PROPOSED OLKARAU ESTATE ROADS, MARKET PAVEMENT, PARKING LOT AND
WALK WAY.(July 2021-November 2022)**

Responsibilities

- Conducting topographic survey of areas to be constructed roads, parking Lots and walkway.
- Drawing topographic maps and longitudinal profiles of roads and footpaths.
- Setting out of roads, walkway, drainage and parking lot.
- Conducting levelling of the formation level of roads, parking lots, foot paths and supervising earth works such as grading and compaction.
- Supervising hand packing, laying of asphalt concrete, installation of road kerbs and cabro.

**CONSTRUCTION OF OTHAYA SEWERAGE INFRASTRUCTURE-LAST MILE CONNECTIVITY
PROJECT(October 2020-DEcember 2023)**

Responsibilities

- Conducting topographic survey along the proposed sewer line and roads to be installed cabro.
- Designing of longitudinal sewer line profiles and route plan.
- Setting out of the proposed sewer line, drainage and roads according to the engineer's design.
- Supervising excavation of sewer line trenches, pipe laying and leveling of sewer line invert levels according to the designed profile.
- Supervising construction of sewerage manholes.
- Supervising earth works in preparation for installation of cabros and also conducting levelling of hardcore and the formation level.

CONSTRUCTION OF EMBAKASI SEWERAGE LOT 4 PROJECT(October 2019-June 2020)

Responsibilities

- Conducting topographic survey along the proposed sewer line alignment.
- Designing of longitudinal sewer line profiles and route plan.
- Setting out of the sewer line according to the engineer's design.
- Supervising excavation of sewer line trenches, pipe laying and levelling of sewer line invert levels according to the designed profile.
- Setting out and supervising construction of ablution blocks.
- Supervising construction of sewerage manholes and chambers.

CONSTRUCTION OF RUIRU SEWER CONNECTIVITY LINES(February 2019-September 2019)

Responsibilities

- Conducting topographic survey along the proposed sewer line alignment.
- Designing of longitudinal sewer line profiles and route plan.
- Setting out of the sewer line on the ground according to the engineer's design.
- Supervising excavation of sewer line trenches, pipe laying and leveling of sewer line invert levels according to the designed profile.
- Supervising construction of sewerage manholes.

KAMAKWA-KANDARA SEWERAGE CONSTRUCTION PROJECT(February 2018-December 2018)

Responsibilities

- Conducting topographic survey along the proposed sewer line.
- Designing of longitudinal sewer line profiles and route plan.
- Setting out of the sewer line on the ground according to the engineer's design.
- Supervising excavation of sewer line trenches, pipe laying and leveling of sewer line invert levels according to the designed profile.

July 2016-december 2016;

Geo-acre land surveyors

Job title;

Assistant land surveyor.

Responsibilities

- Drawing of cadastral plans, mutation drawings and topographic maps.
- Demarcation of plot boundaries.
- Compiling of cadastral files.
- Carrying out topographic survey.

REFEREES

Willy Kiama Muchemi
Land Surveyor
Geo-acre land Surveyors
0722 860586

Robert King'ori
Engineer
Robkings Company Limited
0722 648957

Paul Ntongai
Engineer
Visrom Company Limited
0722324784