

Case Study Summary: 2-Bedroom Bungalows at Witeithie, Kiambu

Project Overview

This project involved the **construction of 2-bedroom residential bungalows** in Witeithie, Kiambu County. The development aimed to provide **affordable and modern housing** for middle-income families, combining functional design with quality finishes.

Location

- **Site:** Witeithie, Kiambu County, Kenya
 - **Accessibility:** Close proximity to the Nairobi–Thika Highway, schools, and local amenities.
 - **Utilities:** Electricity, water, and road infrastructure readily available.
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Project Scope

The development included:

- Construction of **2-bedroom bungalows with living room, kitchen, and bathroom**
- **Foundations, masonry, reinforced concrete works, and plastering**
- **Door and window frame installations**
- **Painting works (internal and external)**
- Basic **plumbing and electrical conduiting works**

Note: Roofing works were completed separately as per client specifications.

Key Design Considerations

- **Space Efficiency:** Optimized layout for small family living.
 - **Durability:** Use of reinforced concrete and quality masonry for longevity.
 - **Natural Lighting & Ventilation:** Large windows to enhance comfort.
 - **Aesthetic Appeal:** Modern bungalow design with clean lines and simple finishes.
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Construction Approach

- Site preparation and foundation works
- Masonry walling and lintel installation
- Floor screeding and plastering
- Fixing of doors, windows, and painting
- Installation of plumbing and electrical conduits

The project was executed with **skilled labour and strict adherence to building standards**, ensuring timely completion and high-quality workmanship.

Outcome

- Successfully delivered **functional, modern 2-bedroom bungalows**
 - Enhanced **residential housing stock in Witeithie**
 - Positive client feedback on workmanship and timely delivery
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Conclusion

The 2-bedroom bungalow project in **Witeithie, Kiambu** demonstrates efficient residential development practices, combining **quality construction, affordability, and modern design**, making it a model for similar suburban housing projects.