

APPLICATION FOR AN EXCAVATION PERMIT

To: The Director Engineering and Technical Services
Kampala Capital City Authority

EXCAVATION AND SAFETY MANAGEMENT PLAN INFORMATION

(For excavations exceeding 3meter-depth)

1. PROPERTY INFORMATION

- 1.1. Property Owner
- 1.2. Location of property

 - a) Plot No.....
 - b) Street
 - c) LC 1.....
 - d) LC II.....
 - e) Division.....

2. SERVICE PROVIDER

a) SUPERVISING CONSULTANTS

1.1. Architect Reg. No.....

Address/Contact

.....
.....
.....

Stamp & Signature

Date:/...../.....

1.2. Civil/Structural Reg. No.....

Address/Contact

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Stamp & Signature

Date:/...../.....

b) CONTRACTOR

Name &Address

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.....
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Stamp & Signature

Date:/...../.....

3. STABILITY ANALYSIS (Tick/fill in as appropriate)

3.1 Geotechnical Investigations

a) Company/Firm that carried out the investigations(Report to be attached)

b) Maximum depth of intended excavation(m)

c) Predominant soils/rock sand (), clay () silt (), gravel ()

(Tick appropriate)

d) Weathered rock (), solid rock () others () describe

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3.2 Properties of soils/rock:

- a) Sand (loose, firm) ()
- b) Clay (fat, soft, hard, stiff) ()
- c) Silt (loose, firm) ()
- d) Gravel (loose, firm) ()
- e) Rock (solid, weathered) ()

3.3 Geophysical properties

- a) cohesive strength, c ()
- b) Angle of internal friction, ϕ ()
- c) Water table level ()
- d) Moisture content ()
- e) Bulk density ()
- f) Specific gravity ()

3.4 Stability Analysis

a) State method used e.g. Slip circle, Bishops, Morgenstern etc)

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b) Factor of Safety applied. (.....)

4.0 SAFETY MEASURES

4.1 Provide excavation plan (Attach plans and detailed sections through all boundaries of plot)

4.2 Method of protection against slope failure

- a) Sheet piling ()
- b) Geo-nailing ()
- c) Slope cut to safe angle (), state angle.....

- d) Girder system (), Attach structural analysis.
- e) Shoring ()
(Attach drawings detailing how the chosen method will be implemented)

4.3 Protection against soil erosion and land slides

- a) Shortcrete ()
- b) Cover with polythene sheet ()
- c) Cut-off drains ()
- d) Resin () State material.....
- e) None of the above () State why

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4.4 Method for monitoring earth movement

- a) Laser beam () -Attach Details
- b) Pegs and string () -Attach Details
- c) Pegs and survey instrument () -Attach Details.
- d) Coordinates/GPS – () -Attach Details.

4.5 Protection of neighbouring Property and Environment

- a) What is the distance from the edge of excavation to the adjacent property(ies)

- b) Method to be used to protect the adjacent property (ies)
 - i) Underpinning ()
 - ii) Geo-nailing ()
 - iii) Sheet piling ()

(Attach drawings detailing how the chosen method will be implemented)

- c) Dewatering method to be adopted

d) Access and Egress haul routes, and carting away of spoil.

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Signed & Stamped (Reg. Civil & Structural Engineer)

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Date.....