All conduits must be laid before plastering.

All slabs at ground level to be laid over 1000 gauge polythene sheeting on 50 mm thick murram blinding, on well compacted hardcore.

All soils under slabs & around external foundation to be poised for the termites control.

Provide a 1130 litres reserve tank with a booster pump.

Dry risers provide a 1x30 m hydraulic Hose - real, on every floor.

Provide manual/electric break glass fire alarm system.

Provide 4x9 kg litres water CO2 fire extinguishers on every floor.

All plumbing & drainage work to comply with P & H specifications.

All surface ducts to be accessible from all floors. S.V.P denotes soil vent pipe and to be provided at the head of the drainage.

Drains passing beneath buildings and driveways to be encased in 150 mm concrete surround.

All underground foul & waste drain pipes shall be of PVC to comply with BS 5255.

All inspection chambers covers and framing shall be cast iron to comply with BS 497.

The storm water drain pipes to comply with BS 556.

Minimum slope in the drain pipes to be 1%

No chases for pipes will be allowed in the slabs.

Sleeves will be allowed with written approval from the SE.

No cutting of concrete without express approval of the Architect or SE.

All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins.

P & V denotes permanent vents.

All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500 m outside the edge of the surface.

For all R.C works, refer to SE's details.

Foundation depths to be determined on site to the SE approval.

All walls less than 200 mm thick to be reinforced with hoop iron at every alternate course.

All adjacent R.C work and masonry walls to be tied with strap irons at every course.
All dimensions are in mm unless otherwise specified.

- Conduits must be laid before plastering.
- All slabs at ground level to be laid over 1000 gauge polythene sheeting on 50 mm thick murram blinding, on well compacted hardcore.
- All soils under slabs & around external foundation to be poised for termite control.
- Provide a 1130 litres reserve tank with a booster pump.
- Dry risers provide a 1 x 30 m hydraulic hose - real, on every floor.
- Provide manual / electric break glass fire alarm system.
- Provide 4 x 9 kg litres water CO₂ fire extinguishers on every floor.
- All plumbing & drainage work to comply with P.H. specifications.
- All surface ducts to be accessible from all floors. S.V. P denotes soil vent pipe and to be provided at the head of the drainage.
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- The storm water drain pipes to comply with BS 556.
- Minimum slope in the drain pipes to be 1%.
- No chases for pipes will be allowed in the slabs.
- Sleeves will be allowed with written approval from the SE.
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- P.V denotes permanent vents.
- All black cotton soil to be removed from below all building & paved surfaces.
- All paved surfaces to be clear of black cotton soil to a distance of 500 m outside the edge of the surface.
- For all R.C works, refer to SE's details.
- Foundation depths to be determined on site to the SE's approval.
- All walls less than 200 mm thick to be reinforced with hoop iron at every alternate course.
- All adjacent R.C work and masonry walls to be tied with strap irons at every course.
All dimensions are in mm unless otherwise specified. Drawings are not to be scaled.

- Only figured dimensions to be used.
- The contractor must check and verify all the dimensions before commencement of the work.

- General:
  - All conduits must be laid before plastering.
  - All slabs at ground level to be laid over 1000 gauge polythene sheeting on 50 mm thick murram blinding, on well compacted hardcore.
  - All soils under slabs and around external foundation to be poised for termite control.
  - Provide a 1130 litres reserve tank with a booster pump.

- Fire Fighting:
  - Dry risers provide a 1x30 m hydraulic hose - real, on every floor.
  - Provide manual/electric break glass fire alarm system.
  - Provide 4x9 kg litres water CO₂ fire extinguishers on every floor.

- Plumbing & Drainage:
  - All plumbing & drainage work to comply with P.H specifications.
  - All surface ducts to be accessible from all floors.
  - S.V. P denotes soil vent pipe and to be provided at the head of the drainage.
  - Drains passing beneath buildings and driveways to be encased in 150 mm concrete surround.
  - All underground foul & waste drain pipes shall be of PVC to comply with BS 5255.
  - All inspection chambers covers and framing shall be cast iron to comply with BS 497.
  - The storm water drain pipes to comply with BS 556.
  - Minimum slope in the drain pipes to be 1%.
  - No chases for pipes will be allowed in the slabs.

- Sleeve will be allowed with written approval from the SE.
- No cutting of concrete without express approval of the Architect or SE.
- All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins.
  - P.V denotes permanent vents.

- All black cotton soil to be removed from below all building & paved surfaces.
- All paved surfaces to be clear of black cotton soil to a distance of 500 m outside the edge of the surface.

- R.C. works refer to SE’s details.
- Foundation depths to be determined on site to the SE approval.
- All walls less than 200 mm thick to be reinforced with hoop iron at every alternate course.
- All adjacent R.C work and masonry walls to be tied with strap irons at every course.

All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins.

- P.V denotes permanent vents.
- All black cotton soil to be removed from below all building & paved surfaces.
- All paved surfaces to be clear of black cotton soil to a distance of 500 m outside the edge of the surface.

- R.C. works refer to SE’s details.
- Foundation depths to be determined on site to the SE approval.
- All walls less than 200 mm thick to be reinforced with hoop iron at every alternate course.
- All adjacent R.C work and masonry walls to be tied with strap irons at every course.

All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins.
The contractor must check & verify all the dimensions before commencement of the work. All conduits must be laid before plastering. Provide a 1130 litres reserve tank with a booster pump. Provide manual/ electric break glass fire alarm system. Provide 4 x 9 kg litres CO₂ fire extinguishers on every floor.

All plumbing & drainage work to comply with P.H specifications. All surface ducts to be accessible from all floors. S.V. P denotes soil vent pipe and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150 mm concrete surround.

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Foundation depths to be determined on site to the SE approval. All walls less than 200 mm thick to be reinforced with hoop iron at every alternate course. All adjacent R.C work and masonry walls to be tied with strap irons at every course.
All dimensions are in mm unless otherwise specified.

The contractor must check and verify all the dimensions before commencement of the work.

All conduits must be laid before plastering.

Firefighting construction.

All slabs at ground level to be laid over 1000 gauge polythene sheeting on 50 mm thick murram blinding, on well compacted hardcore.

All soils under slabs & around external foundation to be poised for termite control.

Provide a 1130 litres reserve tank with a booster pump.

Dry risers.

Provide a 1 x 30 m hydraulic hose - real, on every floor.

Provide manual/electric break glass fire alarm system.

Provide 4 x 9 kg litres water CO2 fire extinguishers on every floor.

All plumbing & drainage work to comply with P.H specifications.

All surface ducts to be accessible from all floors.

S.V. P denotes soil vent pipe and to be provided at the head of the drainage.

Drains passing beneath buildings and driveways to be encased in 150 mm concrete surround.

All underground foul & waste drain pipes shall be of PVC to comply with BS 5255.

All inspection chambers covers and framing shall be cast iron to comply with BS 497.

The storm water drain pipes to comply with BS 556.

Minimum slope in the drain pipes to be 1%.

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All adjacent R.C work and masonry walls to be tied with strap irons at every course.
1,500
4,500
450
2,550
450
2,549
450
2,700
450
2,550
450
3,600
150
1,950
300
150
2,554
300

450 by 200 mm thick reinforced beam
150 mm thick suspended reinforced concrete slab to S det.

2,000 x 1650 high aluminium casement window

900 mm high railing

R gutter to S details

STAGE

1130 litres reserve tank with a booster pump
Dry risers
Provide manual/electric break glass fire alarm system
Provide 4 x 9 kg litres water CO2 fire extinguishers on every floor

Minimum slope in the drain pipes to be 1%
No chases for pipes will be allowed in the slabs.
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Provide a 1130 litres reserve tank with a booster pump
Dry risers
Provide manual/electric break glass fire alarm system
Provide 4 x 9 kg litres water CO2 fire extinguishers on every floor

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Architect: The County Architect

Client: Dedan Kimathi University of Technology

Scale: 1:50

Preview

Date: Jan 2017

Clients signature

draughtsman: J F Kagari

NOTES

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Drawings are not to be scaled.
Only figured dimensions to be used.
The contractor must check & verify all the dimensions before commencement of the work.

electrical
All conduits must be laid before plastering.

fire fighting
Construction
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