

TYPICAL PRIMARY SCHOOL GROUND FLOOR PLAN (FOOT PRINT FITS ON 1 ACRE)

TOTAL FLOOR AREA = 1605 SQM

- ADMINISTRATION BLOCK
 - BURSAR/ ACCOUNTS OFFICE
 - STAFF ROOM / LOUNGE
 - RECEPTION
- HEAD TEACHER + DEPUTY HEAD TEACHER'S OFFICES
- STAFF ABLUTION
- INFIRMARY (SCHOOL NURSE)
- 24 TYPICAL CLASS ROOMS (capacity of 3 streams)
- BIOLOGY / CHEMISTRY LABORATORY
- PHYSICS LABORATORY
- COMPUTER LABORATORY
- LIBRARY
- ABLUTION BLOCK

NOTES:

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CONSTRUCTION

4. Damp proof course must be provided under all external walls at grade. DPC to be minimum 150 mm above ground level. 5. All slab at grade to be poured at 1000 Gauge polythene on 50 mm stone dust blinding on

hardcore. 6. All soil under slab and around external foundations to be poisoned for termite control 7. Window sills must be finished before internal plastering.

CIVIL 8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle repose of the soil.

STRUCTURAL 9. All RC work to structural engineer's details. 10. Depth of foundation to be determined on site to S.E's approval.

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

MECHANICAL

II.2. All plumbing and drainage to comply with city councils specifications. 13. All service ducts to be accessible from all floors. 14. Deep seal or anti-vac to all fittings connected to the SVP or waste pipes. All bends an

Junctions to have inspection plates. 15. SVP (soil vent pipes) to be provided at the head of the drainag 16. Drain pipes passing beneath buildings and driveways to be enco surround

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23. All mechanical work must be coordinated with electrical work. Any conflicts must be clarified before work begins.

ELECTRICAL 24. All conduits must be laid before plastering. 25. All electrical work must be coordinated with

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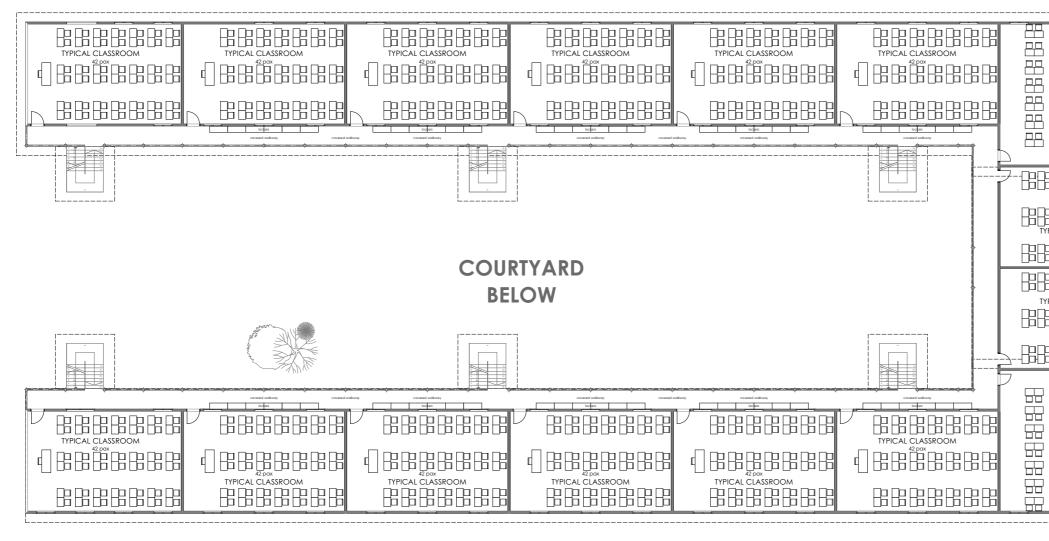
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PROJECT KOTO Housing Kenya

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TYPICAL PRIMARY SCHOOL FIRST FLOOR PLAN

TOTAL FLOOR AREA = 1444 SQM

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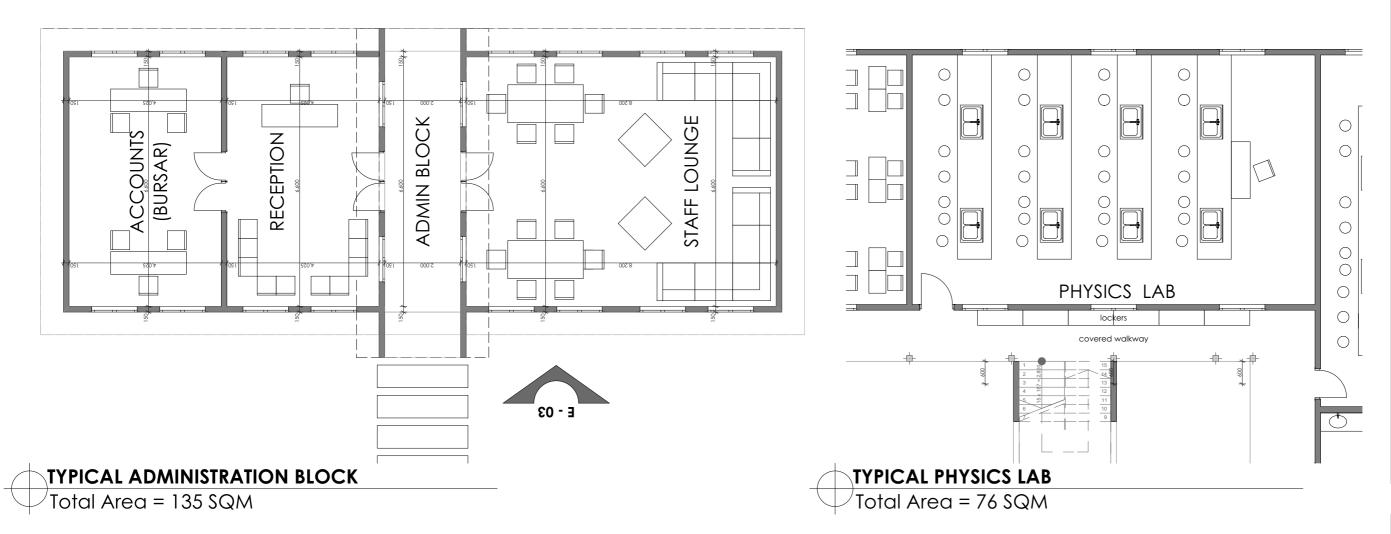
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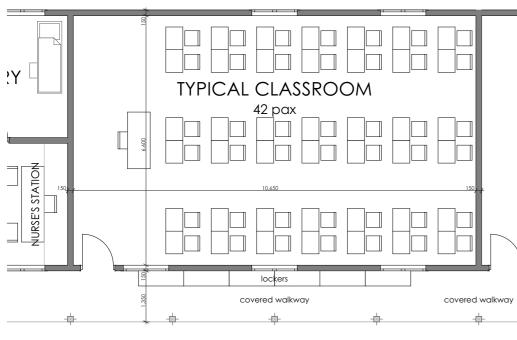
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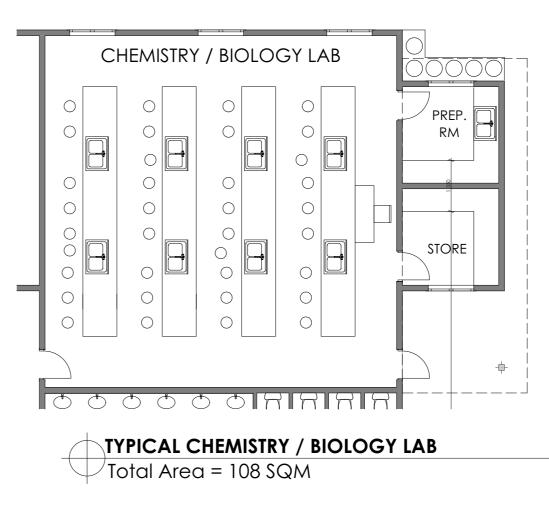
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TYPICAL CLASSROOM Total Area = 76 SQM





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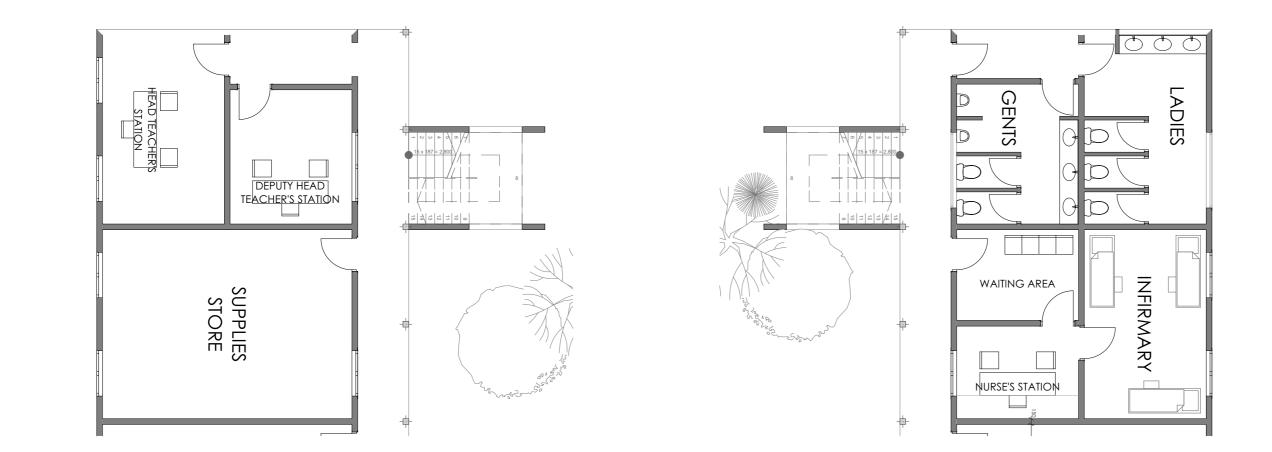
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TYPICAL HEAD TEACHERS' OFFICES & SUPPLIES STORE

HEAD TEACHERS' OFFICES = 37 SQM SUPPLIES STORE = 37 SQM Total Area = 74 SQM

TYPICAL INFIRMARY & STAFF ABLUTION BLOCK STAFF ABLUTION BLOCK = 37 SQM

INFIRMARY = 37 SQMTotal Area = 74 SQM

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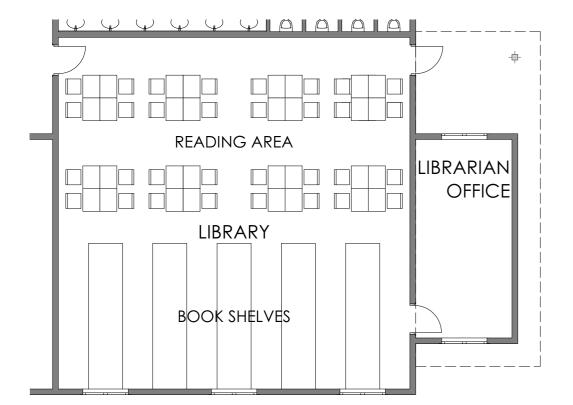
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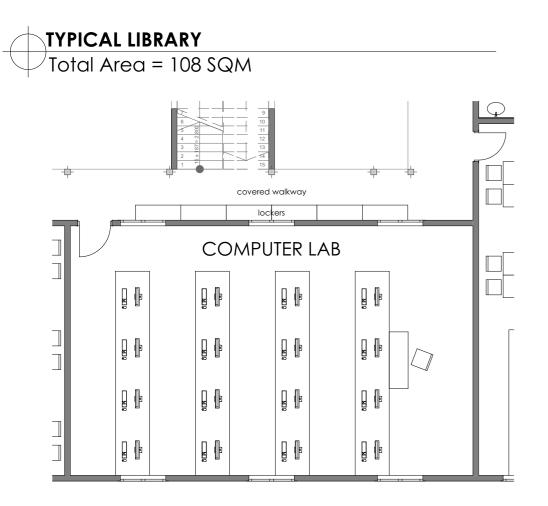
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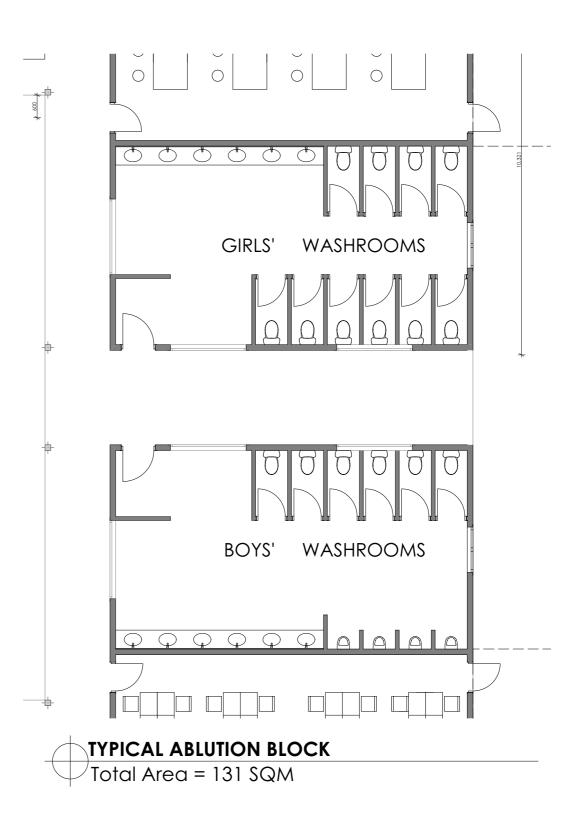




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TYPICAL COMPUTER LAB

[/]Total Area = 76 SQM

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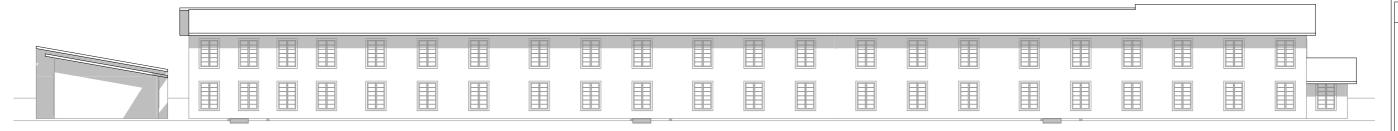
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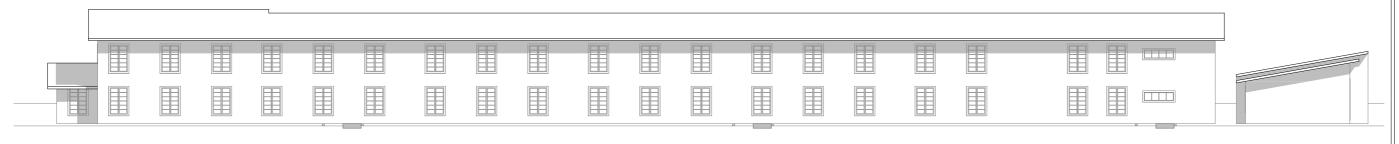


PROJECT KOTO Housing Kenya 5

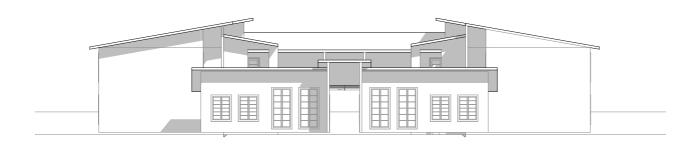
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PRIMARY SCHOOL ELEVATION 01







PRIMARY SCHOOL ELEVATION 03



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TYPICAL PRIMARY SCHOOL CLASSROOM BLOCK ON 2 LEVELS

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REVISIONS, ADDITIONS & ALTERATIONS NO. DATE DESCRIPTION ВУ

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TYPICAL PRIMARY SCHOOL VIEW FROM COURTYARD

NOTES:

GENERAL 1. All measurements are shown in millimeters. Drawings not to be scaled. Only figured

1. All measurements de monun in minimeters, unewings not to be scaled, unly rigued dimensions to be used.
2. The controller must deck and verify all dimensions an site before commencement of work. Any discrepancies must be notified immediately to the archited.
3. All sections are to be read on per from plan and all divariang must be read in concert with each other. Any discrepancies must be notified immediately to the architect and clarified consulting the architectural or consultants drawing.

CONSTRUCTION 4. Demp proof course must be provided under all external walls at grade. DPC to be minimum 150 mm above granud level. 5. All slab at grade to be poured at 1000 Gauge polythene as 50 mm stone dust blinding an

hardcore. 6. All soil under slab and around external foundations to be poisoned for termite control. 7. Window sills must be finished before internal plastering.

CIVIL 8. All sails on cut embankment to be stabilized. The slope is not to exceed the natural angle repore of the sail.

STRUCTURAL 9. All RC work to structural engineer's details. 10. Depth of frandation 10 be determined an site to 5.£'s approval. 11. All walls less than 200 mm thick. To be reinforced with hoop iron at every attennate

AECHANICAL 12. All Jennbing and drainage to comply with city council specifications. 13. All service duch to be accessible from all floors. 14. Deep seel or anti-rac to all fittings connected to the SVP or worke pipes. All bends and

junctions to have impection plates. 15. VP (soil vent pipes) to be provided at the head of the drainage. 16. Drain pipes passing beneatth buildings and driveways to be encased in 150 mm surround.

Munder ground foul and waste drainspipes shall be UPVC to comply to BSS 4514 & 5255.
 Ita in a water drain to comply to BSS 556.
 Mi inspection chamber covers and frames shall be cast iron to comply to BSS 477 table 6

grade C. 20. Minimum 21. No chaser will be allowed in the slots for pipes. Steeves will be allowed with the written approved of The S. 22. All testing of pipes must be completed before plastering.

23. All mechanical work must be coordinated with electrical work. Any conflicts must be clarified before work begins.

ELECTRICAL 24. All conduits must be laid before plastering. 25. All electrical work must be coordinated with mechanical

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