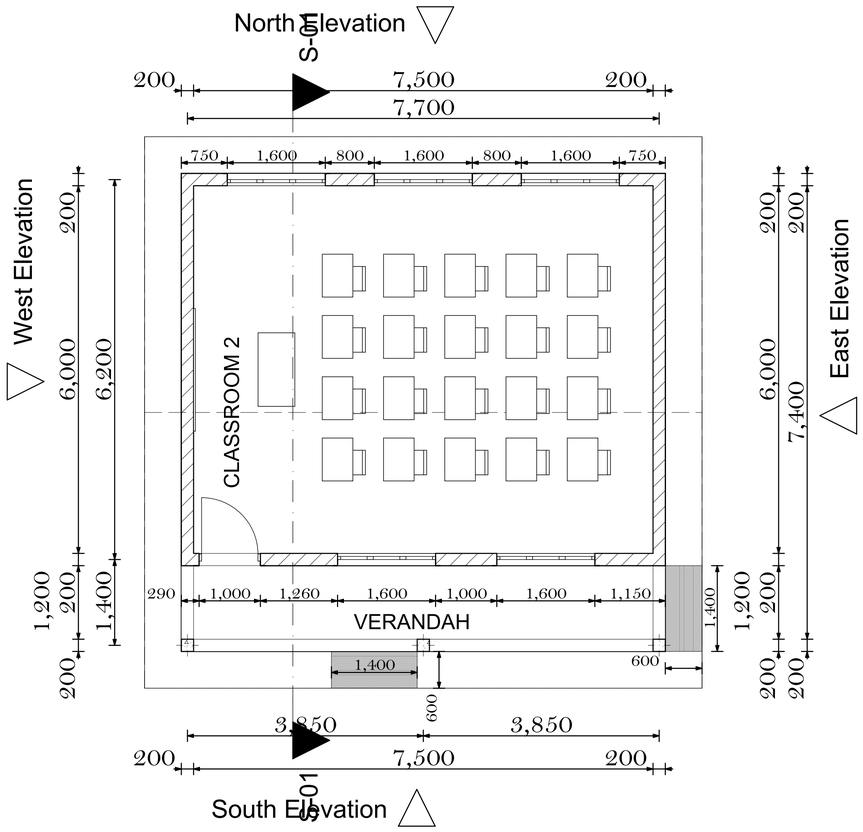
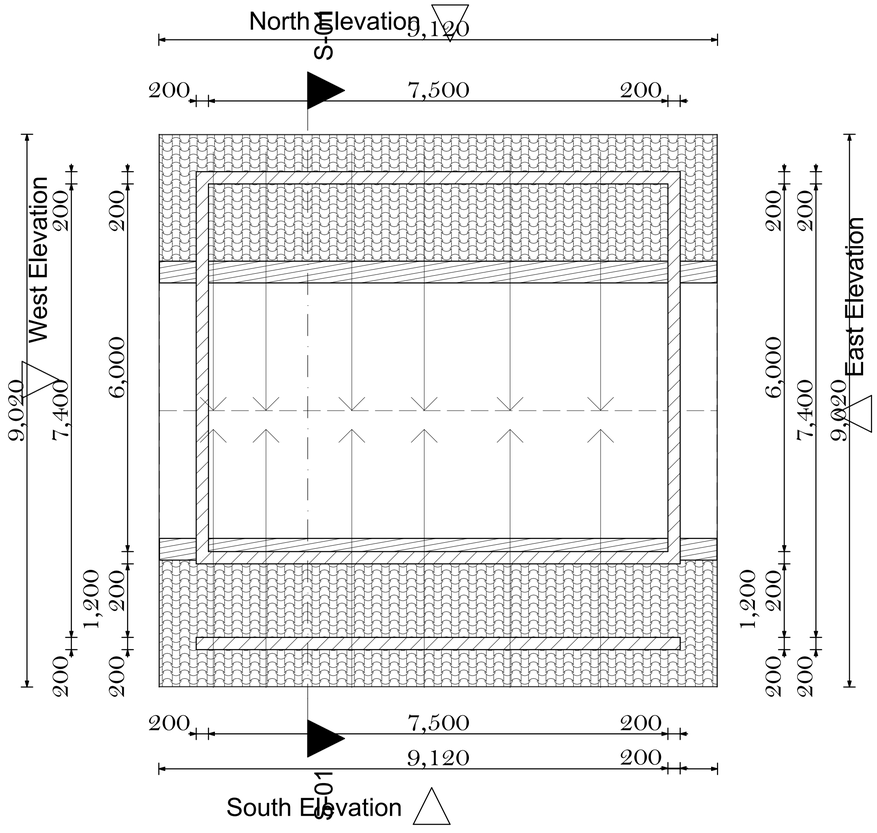
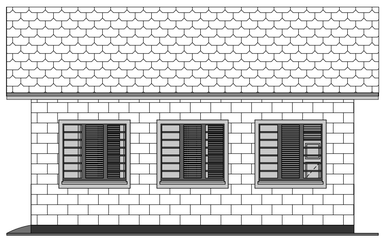


FLOOR PLAN (scale 1:50)



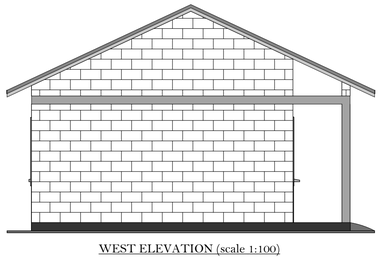
ROOF PLAN (scale 1:50)



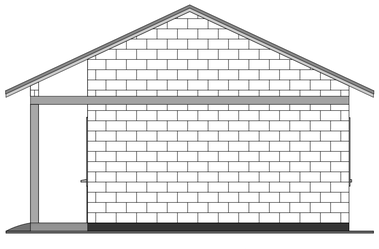
NORTH ELEVATION (scale 1:100)



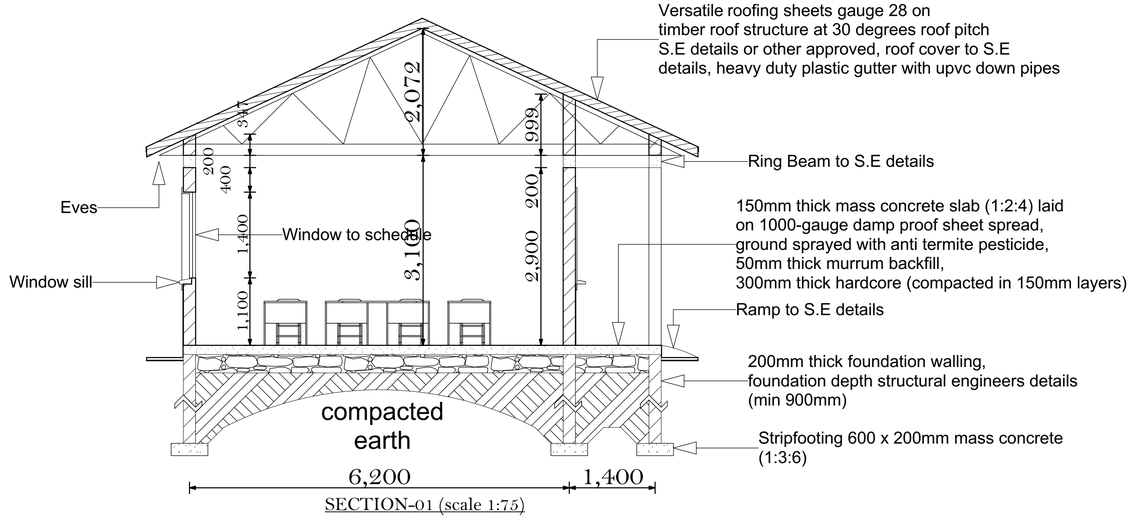
SOUTH ELEVATION (scale 1:100)



WEST ELEVATION (scale 1:100)



EAST ELEVATION (scale 1:100)



SECTION-01 (scale 1:75)

NOTES

[1] All structural concrete to be class 25/20.

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[5]Hardcore to be hand packed and compacted to engineers satisfaction.

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[7]Strip foundation to structural engineers specs.

[8]This drawing to be read in conjunction with any relevant architectural,civil, structural or any other drawings.

[9]Concrete covers to reinforcement steel to be as follows;

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(b)Columns 30mm
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(d)Slabs 15mm

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[11] Mild steel reinforcement bars to BS4449 are denoted "R"

[12]Any errors, discrepancies or omissions are to be reported to engineer immediately for correction before work is undertaken.

[13]Assumed bearing capacity =100KN/M2/

[14]The contractor must confirm the dimensions on site before commencing of any work.

[15]Minimum crushing strength of masonry stones or building blocks to be 7N/MM2/.

[16]All black cotton soil shall be removed during excavation of foundation.

[17]Minimum lap length of all reinforcement bars shall be 50 x bar diameter.

NG-CDF Lamu West

ISSUES			
DATE	TO	APPLICATION	TO

REVISIONS					
NO	DATE	BY	DESCRIPTION	GRP.LDR.	C.S.ENG

REFERENCE DRAWINGS;

CLIENT;

PROJECT TITLE:

CONSTRUCTION TO COMPLETION OF ONE CLASSROOMS

Drawing Name
FLOOR PLAN, ROOF PLAN, ELEVATIONS, AND BUILDING SECTIONS

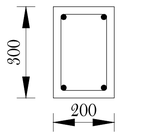
C1/sfb		
M.O.T.I.H & U.D	DRG No.	
	FILE No.	
	FIGURE DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWINGS	

APPROVED BY;
COUNTY PUBLIC WORKS OFFICE

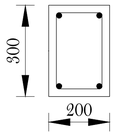
	NAME	SIGN	DATE
DESIGN/DRAWN	Joseph N.Ngige Phone No: +254790905731		
SNR.PRINC.SUPT ENG	Eng. G.JAMES		

MINISTRY OF
LANDS,PUBLIC
WORKS,HOUSING AND URBAN DEVELOPMENT

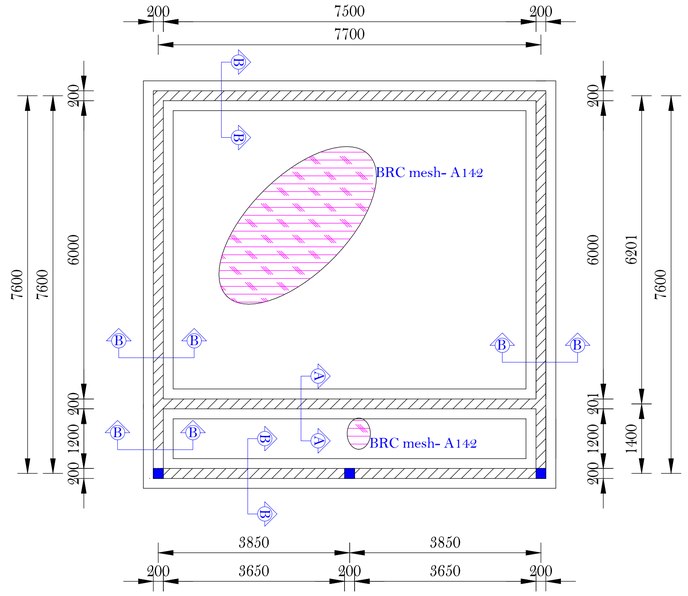
STATE DEPARTMENT OF PUBLIC WORKS
COUNTY WORKS OFFICE



G.BEAM
(scale 1:20)

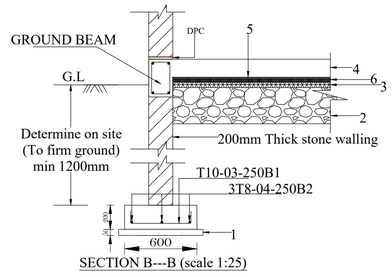


R.BEAM
(scale 1:20)

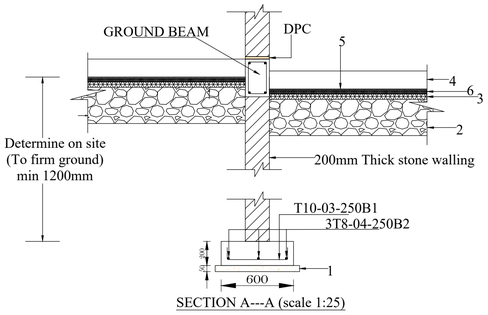


FOUNDATION LAYOUT PLAN

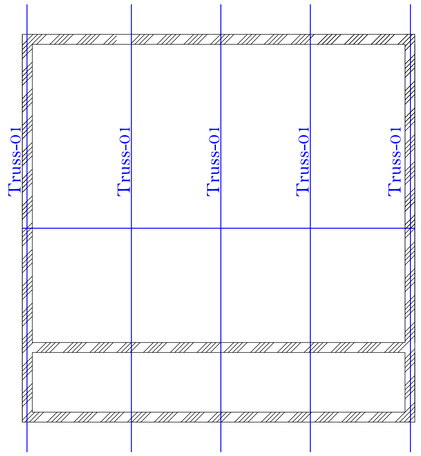
KEY TO FOUNDATION SECTION DETAILS
1-Blinding concrete (1:3:6)
2-300mm well compacted approved hardcore (compacted in layers of 150mm)
3-50mm murram blinding
4-150mm thick slab
5-A142 BRC Mesh
6-1000mm gauge damp proof membrane (DPM)



SECTION B---B (scale 1:25)

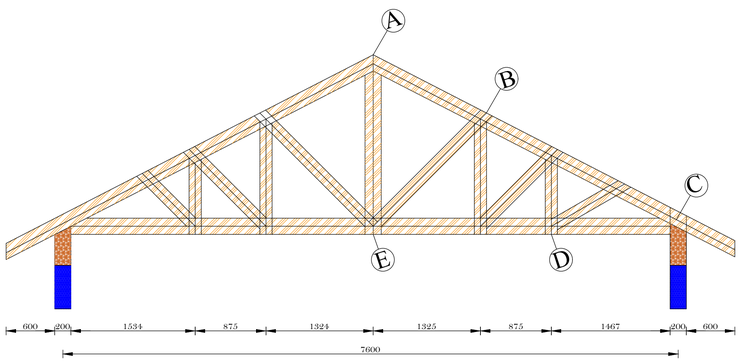


SECTION A---A (scale 1:25)

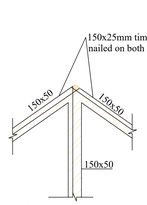


ROOF LAYOUT PLAN

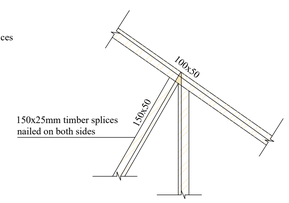
TIMBER ROOF NOTES
1-All timber to be well seasoned grade 2 cypress with an optimum moisture content of 13%-15% to KS-02:1977
2-Sample trusses to be inspected and approved by the engineer before mass fabrication of the others.
Top chord/bottom=150x50mm
internal struts/ties=150x50mm
Rafters /wall plate = 150x50mm
purlins =75x50mm
timber splices=150x25mm
3.Maximum truss spacing to be 1800mm with rafters at 600mm centres. Anchorage bolts,12mm diameter, 300mm long to be provided at intevals of 1000mm to anchor the wall plate in position.
4.roof pitch to be 35°.



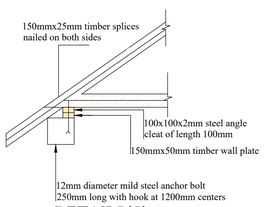
TRUSS -01



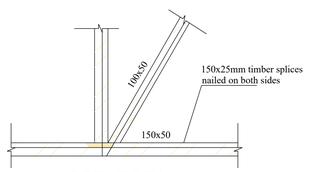
DETAILS 'A'



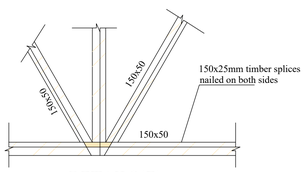
DETAILS 'B'



DETAILS 'C'



DETAILS 'D'



DETAILS 'E'

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Drawn By: JOSEPH.N.N
Phone; 0790905731

ISSUES

DATE	TO	APPLICATION	TO

REVISIONS

NO	DATE	BY	DESCRIPTION	GRP.LDR	C.S.ENG

NG-CDF LAMU WEST CONSTITUENCY

REFERENCE DRAWINGS

Client;

P.O BOX .....

Job No;

PROJECT TITLE

DRAWING TITLE

FOUNDATION LAYOUT PLAN, RC DETAILS, FOUNDATION DETAILS AND SECTIONS.

C1/sfb

M.O.T.I.H & U.D — DRG. No

FILE. No

scales 1:100, 1:25, 1:20

FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWINGS

APPROVED BY:

CHIEF ENGINEER (STRUCTURAL)

	NAME	SIGN	DATE
DESIGN/DRAWN	JOSEPH.N.NGIGE		
SNR.PRINC.SUPT ENG	Eng.....-.....		

MINISTRY OF LANDS,PUBLIC WORKS,HOUSING AND URBAN DEVELOPMENT

STATE DEPARTMENT OF PUBLIC WORKS
COUNTY WORKS OFFICE