PROJECT :

PROPOSED 20-UNITS MARKET SHED

CLIENT :

JUABOSO DISTRICT ASSEMBLY

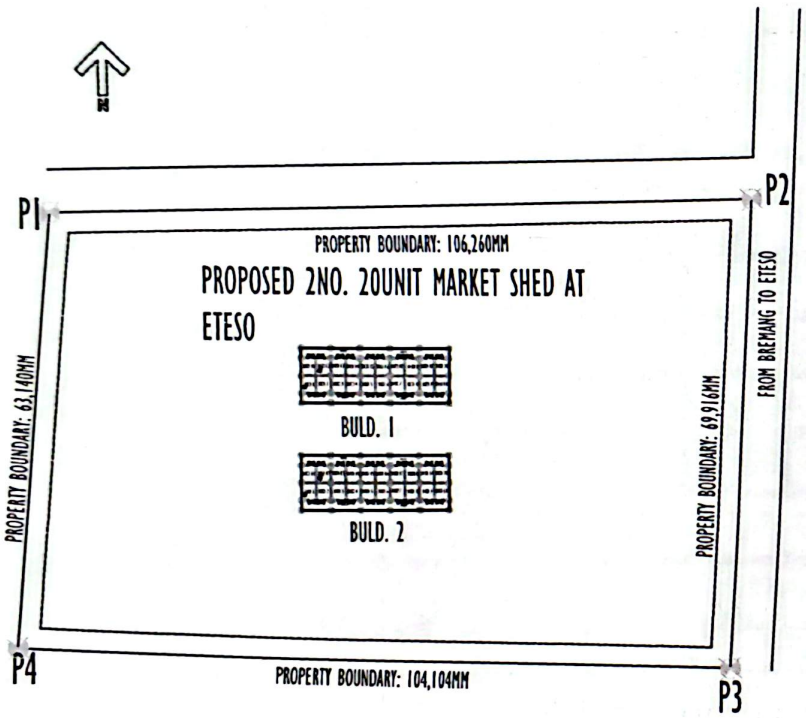
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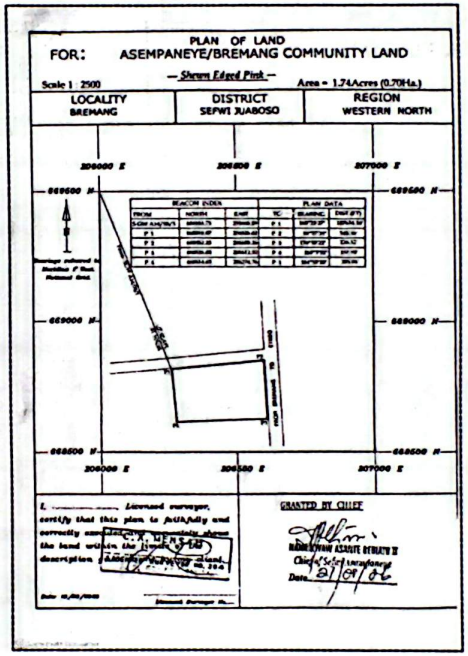
ETESO JUNCTION

JUABOSO DISTRICT IN WESTERN NORTH REGION

GHANA

CamScanner





BLOCK AND SITE PLAN

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 01/2027

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No PET 05821
Date 21/05/2026

FOUNDED 1936

PROJECT :
PROPOSED 20-UNIT MARKET SHED

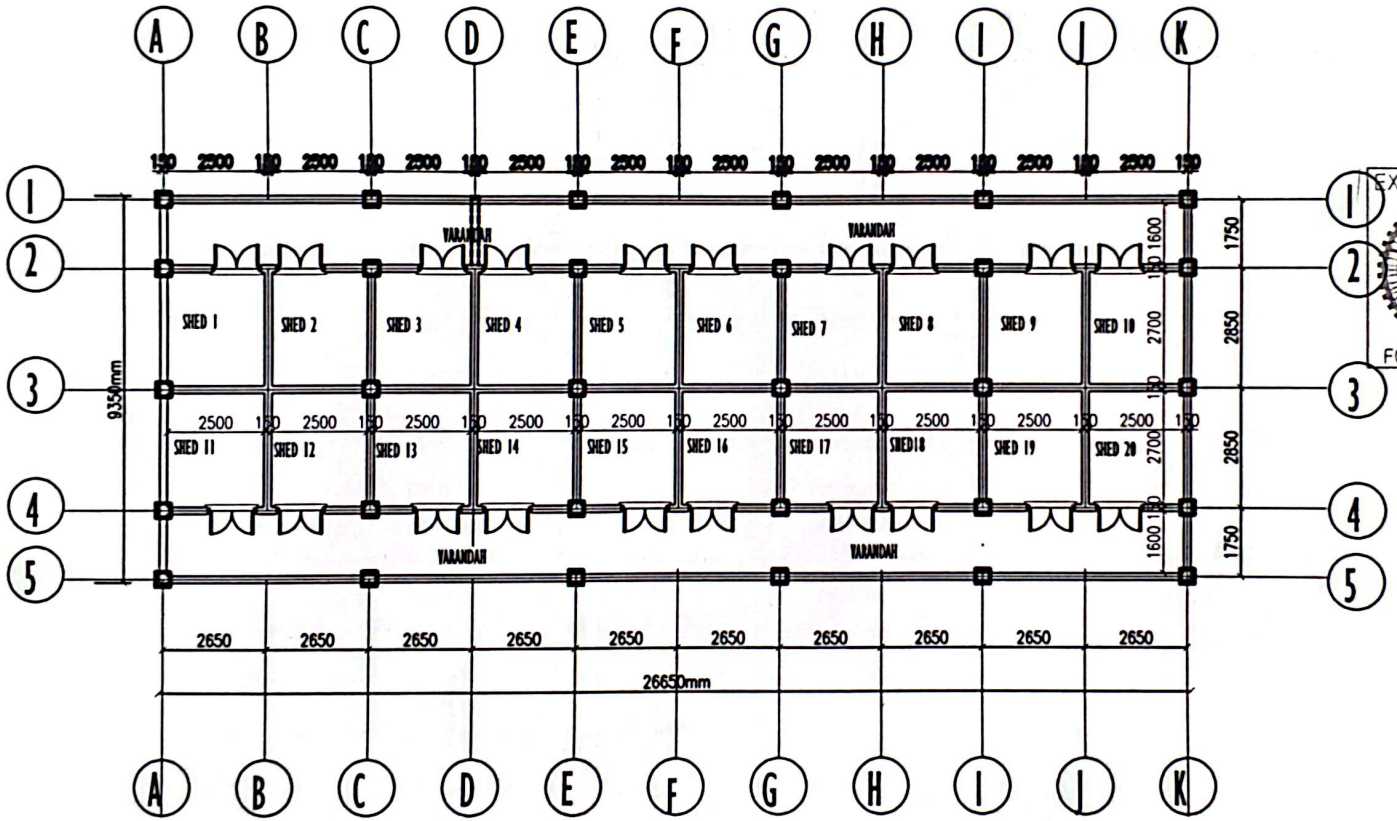
CLIENT :
JUABOSO DISTRICT ASSEMBLY

LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

description : **BLOCK AND SITE PLAN**

design by :	scale	date
MR. A. G. NYAMEAH	1:100	JUNE. 2026
drawn by : ALFRED OJENI GNAMIAN (0208420345)	A 06	

CamScanner



GROUND FLOOR PLAN

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 01/2027

FOUNDED 1936

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 21/04/2026

PROJECT :
PROPOSED 20-UNIT MARKET SHED

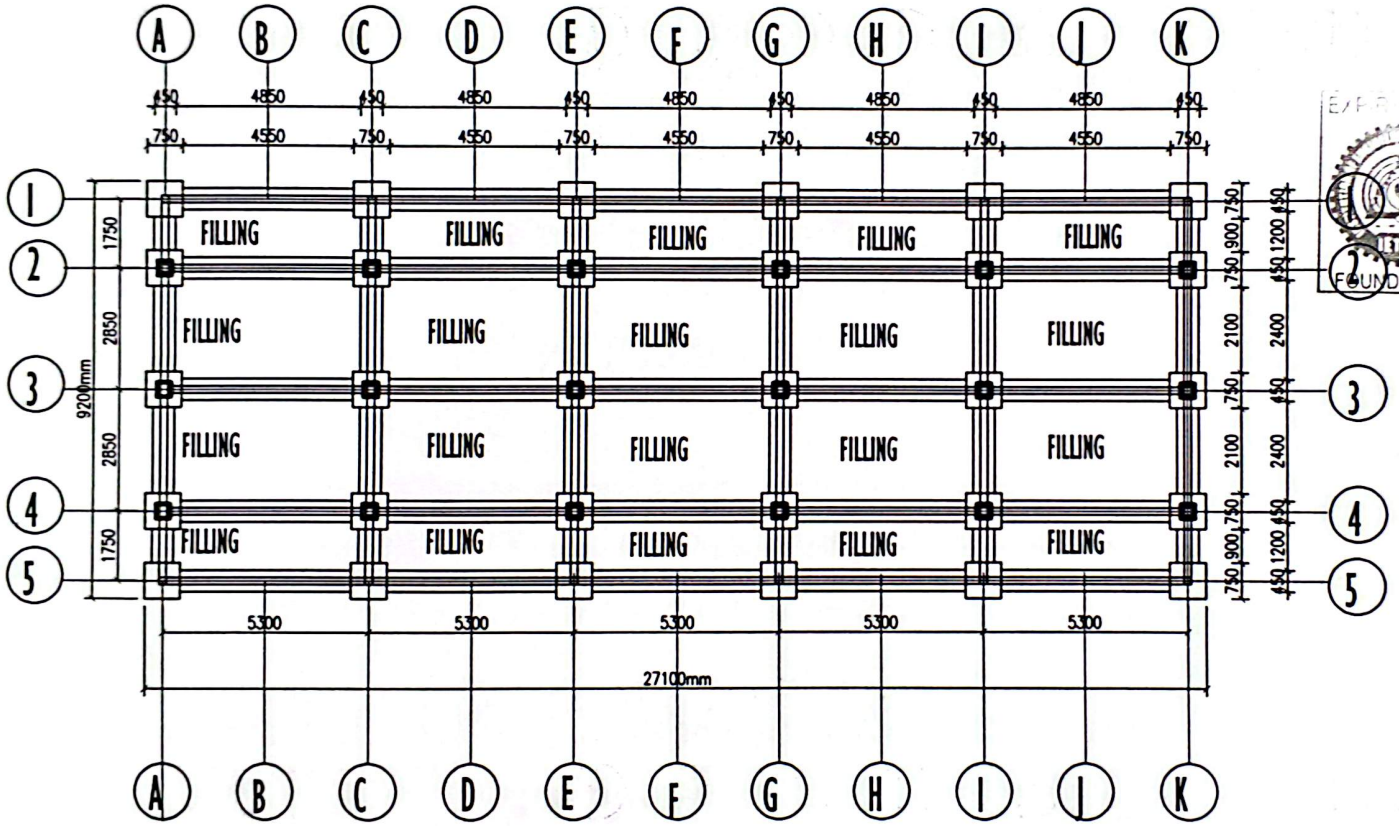
CLIENT :
JUABOSO DISTRICT ASSEMBLY

LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

description :
GROUND FLOOR PLAN

design by :	scale	date
MR. A. G. NYAMEAH	1:100	JUNE. 2026
drawn by : ALFRED DJENI GNAMIAN (0208420345)	A 01	

CamScanner



FOUNDATION PLAN

NOTE

PLEASE DO NOT SCALE DRAWING

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date: 21/08/2026

FOUNDED 1986

PROJECT :
PROPOSED 20-UNIT MARKET SHED

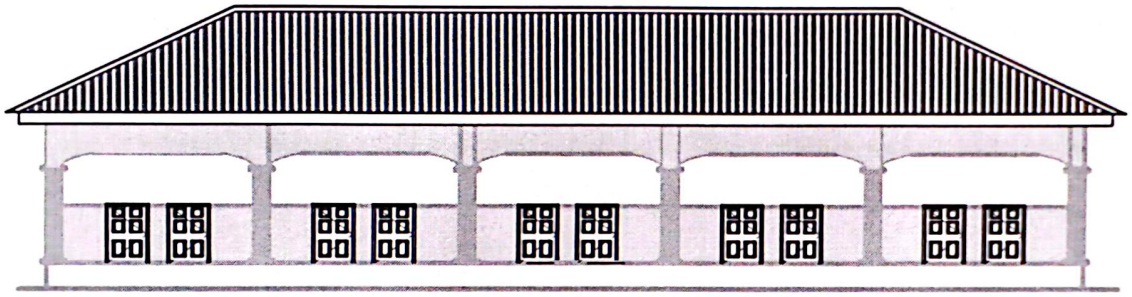
CLIENT :
JUABOSO DISTRICT ASSEMBLY

LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

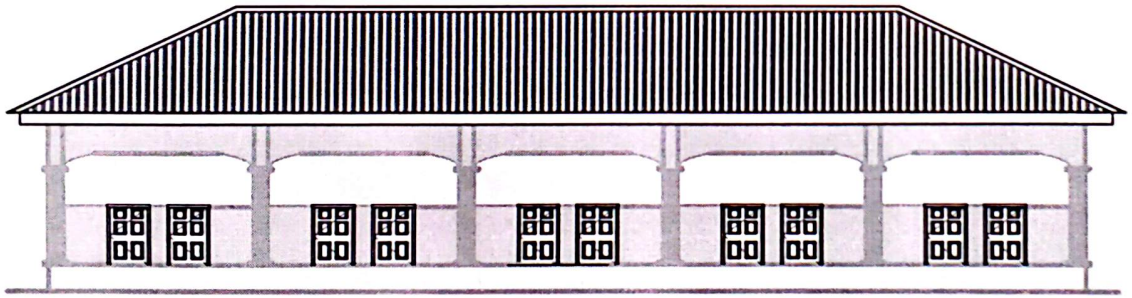
description :
FOUNDATION PLAN

design by :	scale	date
MR. A. G. NYAMEAH	1 : 100	JUNE. 2026
drawn by : ALFRED DJENI GNAMIAN (0208420345)	A 02	

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REAR ELEVATION



FRONT ELEVATION

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 01.2027

Engr. LUKEMAN KANZONI
(PET.IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 21/08/2026

FOUNDED 1986

PROJECT :
PROPOSED 20-UNIT MARKET STALL

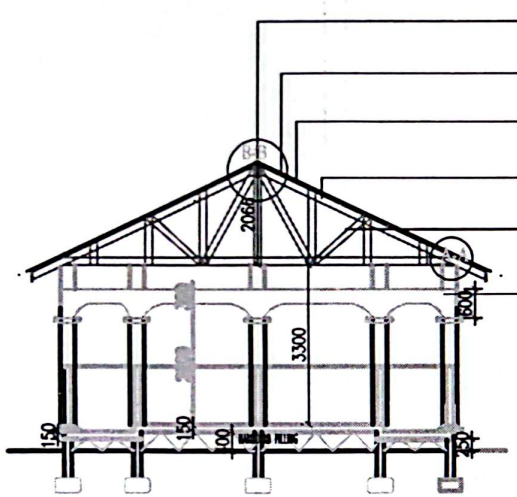
CLIENT :
JUABOSO DISTRICT ASSEMBLY

LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

description : **ELEVATIONS**

design by :	scale	date
MR. A. G. NYAMEAH	1 : 100	AUGUST. 2025
drawn by : ALFRED OJENI GHANIAN (0208420345)	A 03	

CamScanner



SECTION A-N

Ridge cap

~~Long span aluzinc roofing sheets~~

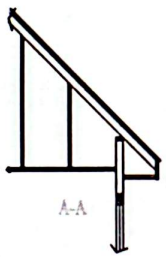
50 x 75mm hardwood purlins@ 1050mm c/c

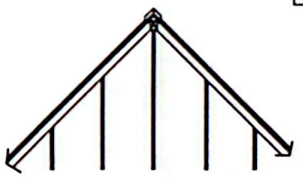
50 X 150mm hardwood rafters @ 1200mm c/c

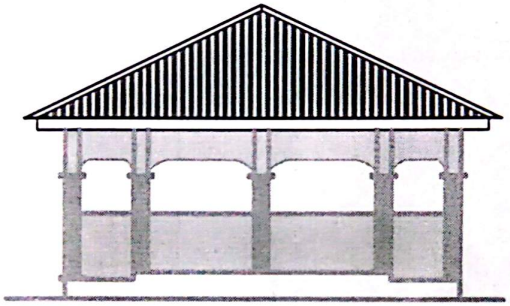
50 X 100 TRUSSES @ 1200mm c/c

50 X 50 Ceiling joists @ 600mm c/c

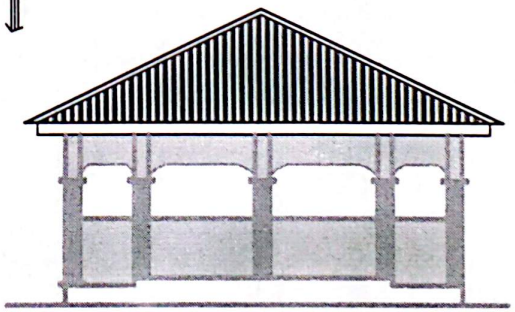
Ceiling boards







LEFT SIDE VIEW



RIGHT SIDE VIEW

EXPIRY 01/2027

FOUNDED 1936

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date - 21/08/2026

NOTE

PLEASE DO NOT SCALE DRAWING

PROJECT :
PROPOSED 20-UNIT MARKET STALL

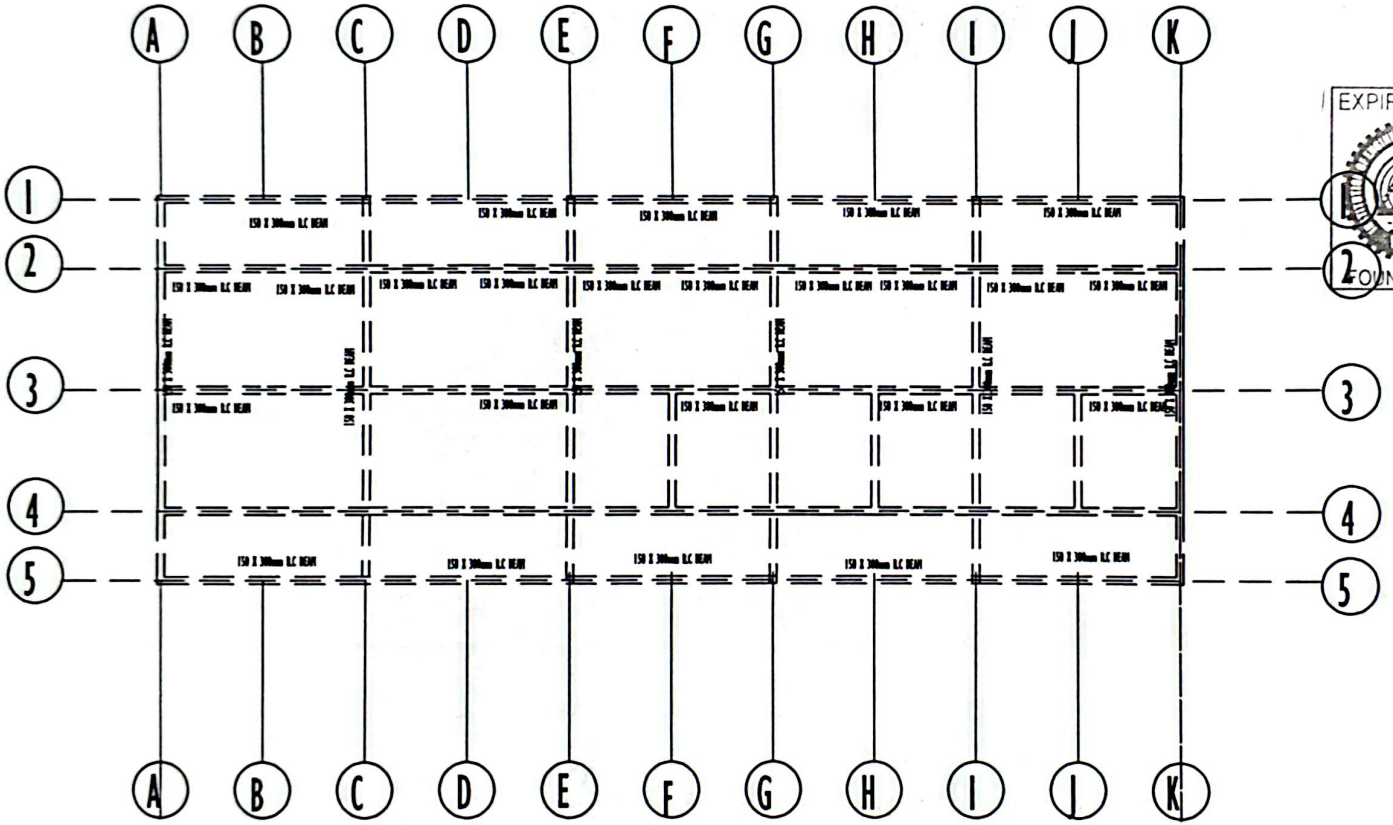
CLIENT :
JUABOSO DISTRICT ASSEMBLY

LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

description :
VIEWS

design by :	scale	date
MR. A. G. NYAMEAH	1:100	AUGUST. 2025
drawn by : ALFRED OJENI GNAMIAN (0208420345)	A 04	

CamScanner



BEAMS LAYOUT

EXPIRY 01/2027

FOUNDED 1936

NOTE

PLEASE DO NOT SCALE DRAWING

Engr. LUKEMAN KANZONI
(PET IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 21/08/2026

PROJECT :
PROPOSED 20-UNIT MARKET STALL

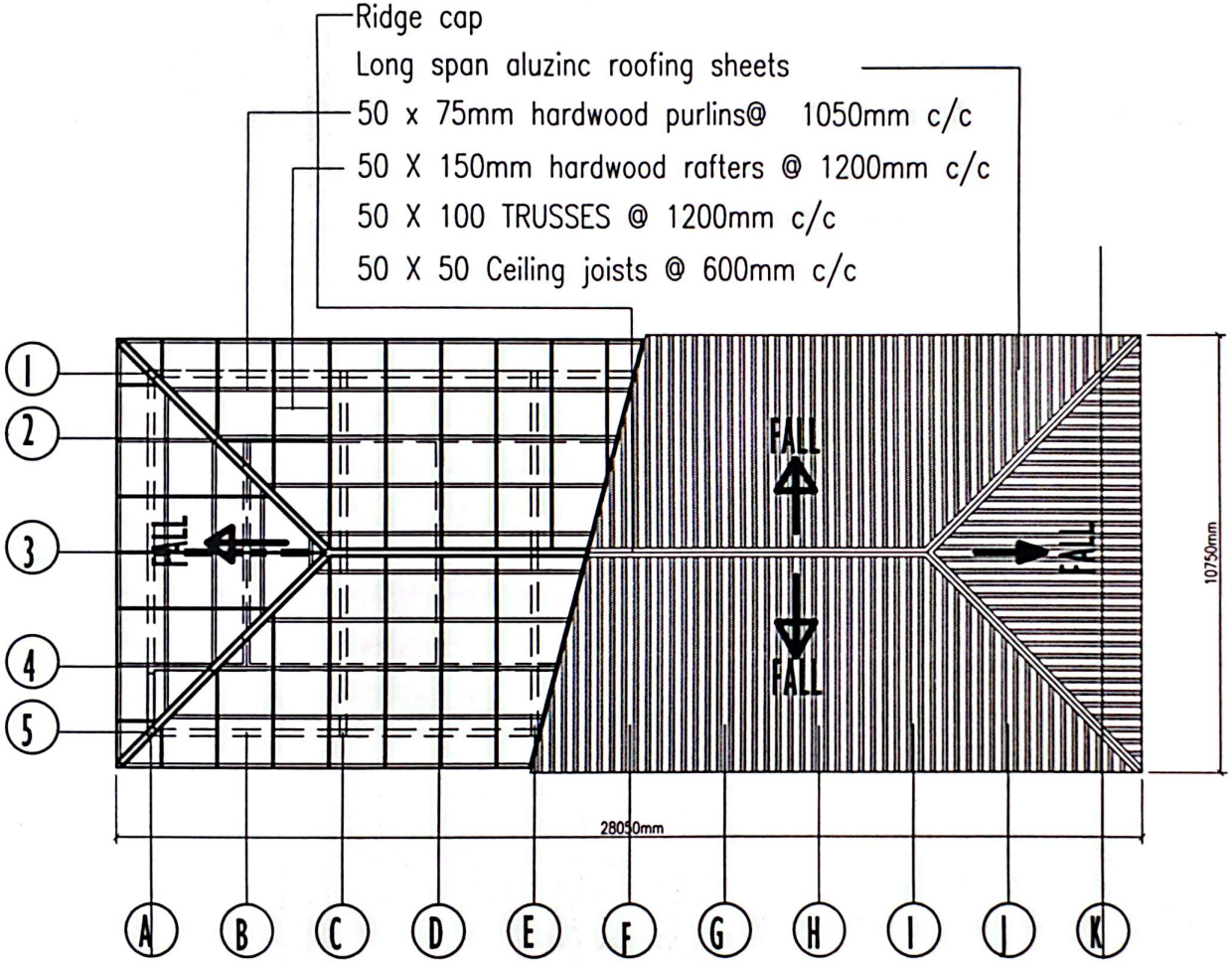
CLIENT :
JUABOSO DISTRICT ASSEMBLY

LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

description :
BEAMS LAYOUT

design by :	scale	date
MR. A. G. NYAMEAH	1 : 100	AUGUST. 2025
drawn by : ALFRED DJENI GNAMIAN (0208420345)	A 05	

CamScanner



GROUND FLOOR PLAN

EXPIRY 01/2027
FOUNDED 1986

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 21/08/2026

NOTE

PLEASE DO NOT SCALE DRAWING

PROJECT :
PROPOSED 20-UNIT MARKET SHED

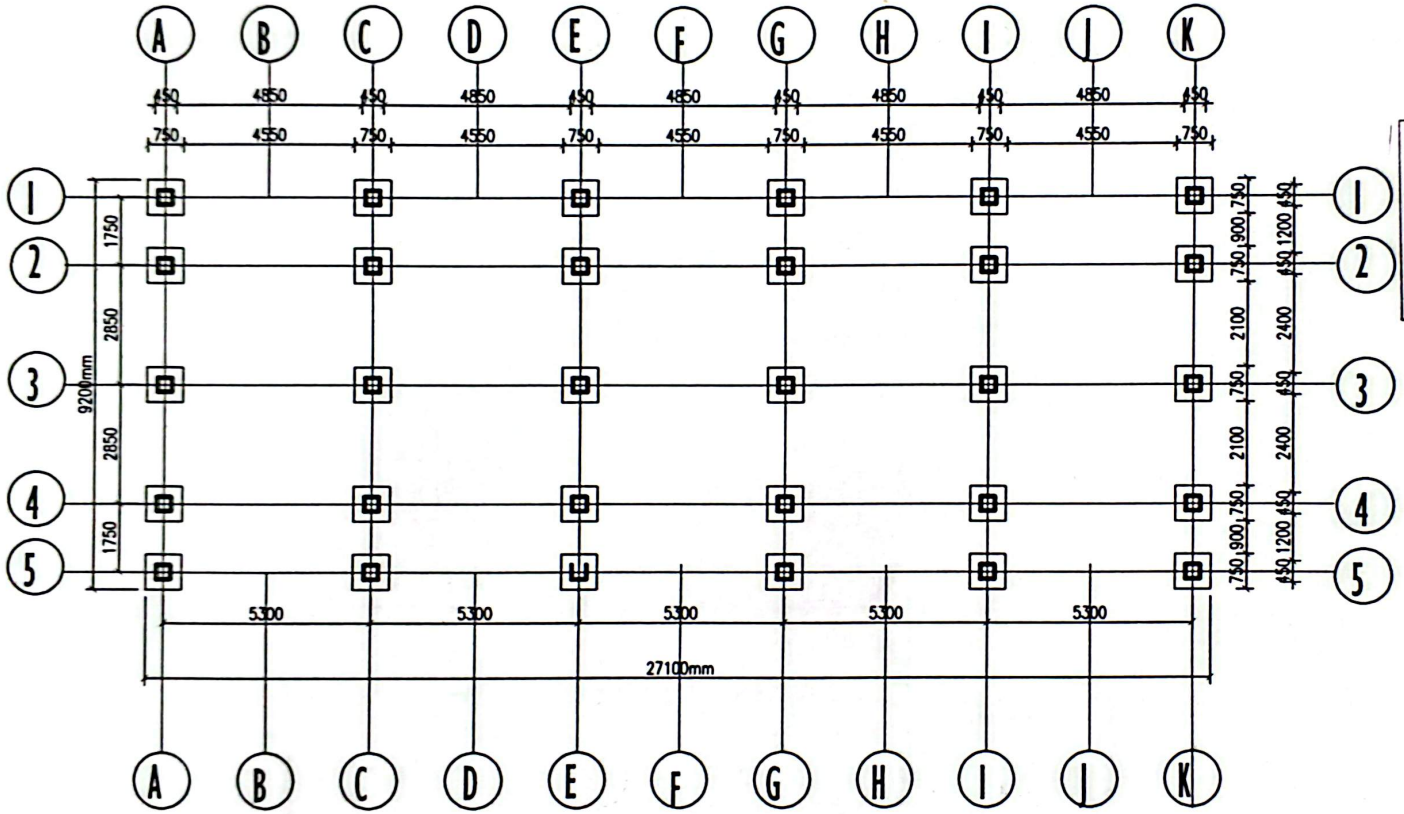
CLIENT :
JUABOSO DISTRICT ASSEMBLY

LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

description :
ROOFING PLAN

design by :	scale	date
MR. A. G. NYAMEAH	1 : 100	JUNE. 2026
drawn by : ALFRED DJENI GNAMIAN (D20842O345)	A 06	

CamScanner



COLUMNS LAYOUT

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 01/2027

FOUNDED 1986

Engr. LUKEMAN KANZONI
(PET IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 21/08/2026

PROJECT :
PROPOSED 20-UNIT MARKET SHED

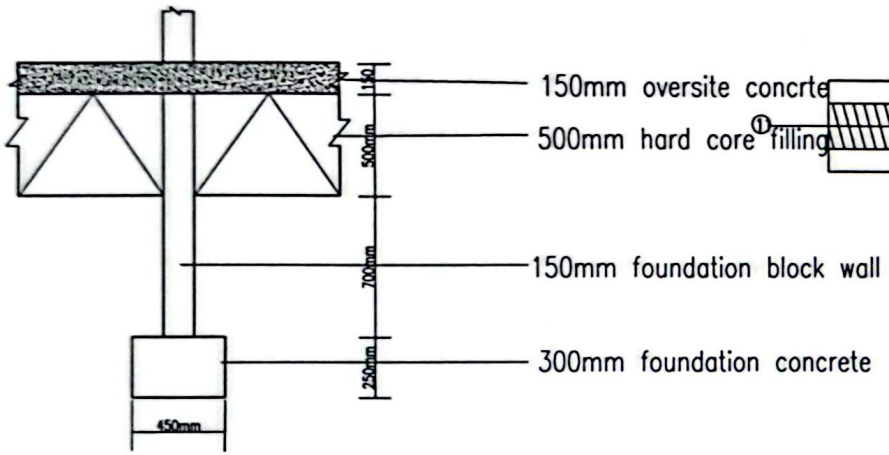
CLIENT :
JUABOSO DISTRICT ASSEMBLY

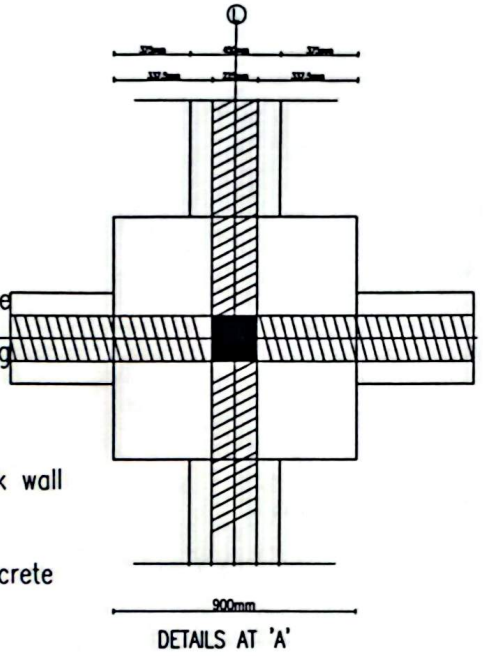
LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

description :
FOUNDATION PLAN

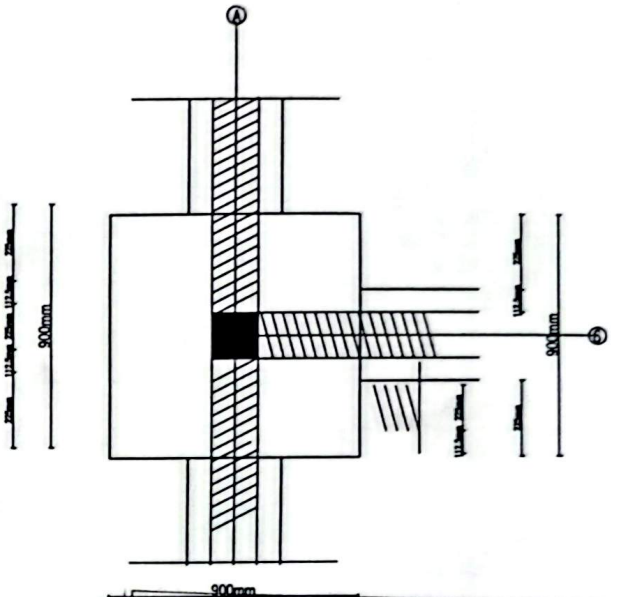
design by :	scale	date
MR. A. G. NYAMEAH	1 : 100	JUNE. 2026
drawn by : ALFRED DJENI GNAMIAN (0208420345)	A 08	

CamScanner



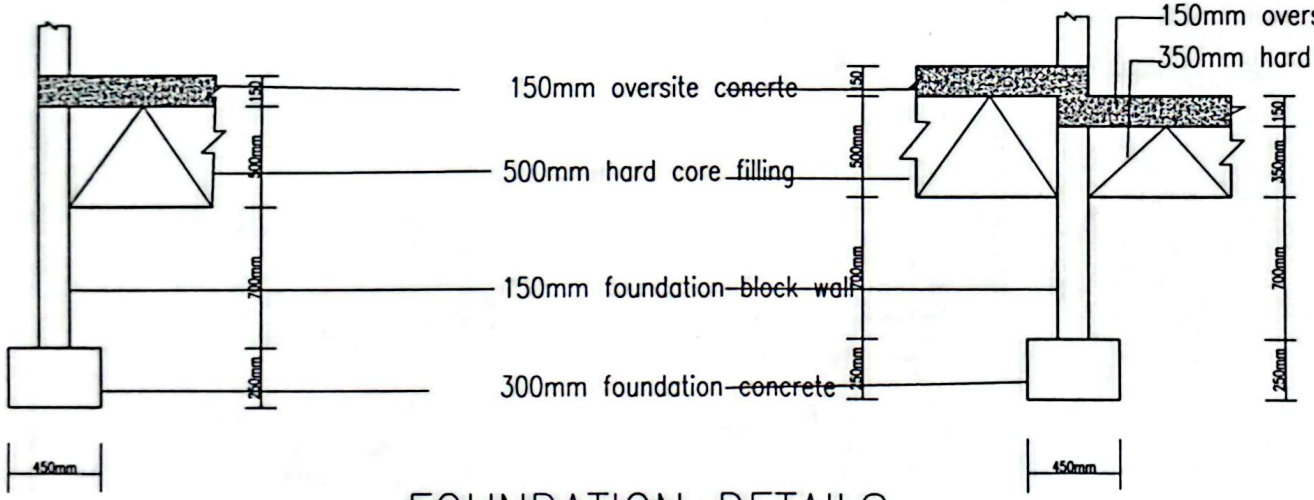


DETAILS AT 'A'



DETAILS AT 'G'

EXPIRY 01/2027
IDC
FOUNDED 1986
Engr. LUKEMAN KANZONI
(PET IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date: 24/05/2026



FOUNDATION DETAILS

NOTE

PLEASE DO NOT SCALE DRAWING

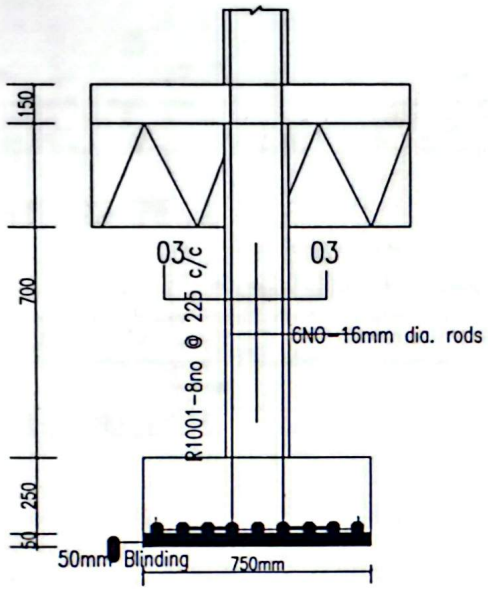
PROJECT: PROPOSED 70-UNIT MARKET STALL
CLIENT: JUABOSO DISTRICT ASSEMBLY
LOCATION: JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

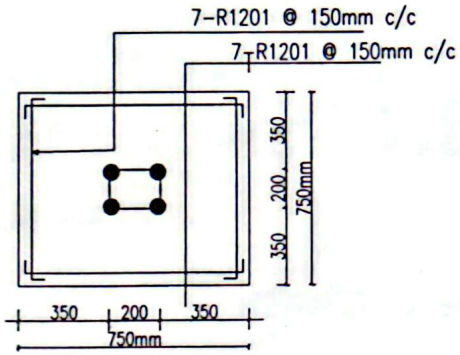
DESCRIPTION: FOUNDATION DETAILS

scale	date
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A 07

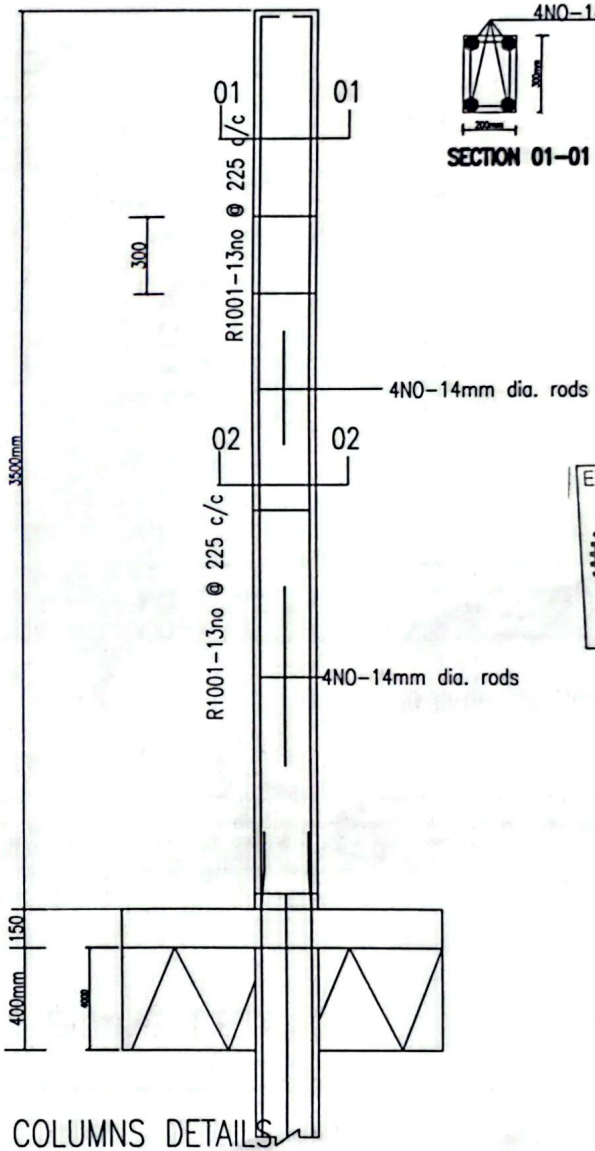
CamScanner





BASE TYPE B1

13NO THUG



R.C. COLUMNS DETAILS

SECTION 01-01

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 01.2027

Engr. LUKEMAN KANZONI
(PET.IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date: 21.05.2026

FOUNDED 1986

PROJECT: PROPOSED 20-UNIT MARKET STALL

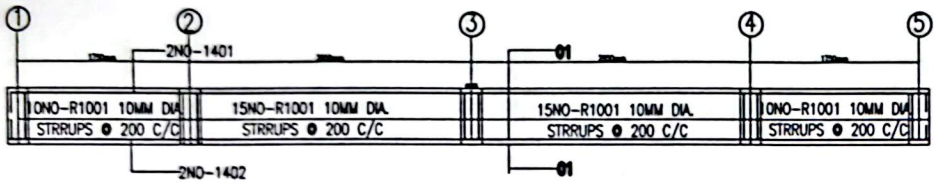
CLIENT: JUABOSO DISTRICT ASSEMBLY

LOCATION: JUABOSO DISTRICT IN WESTERN NORTH REGION GHANA

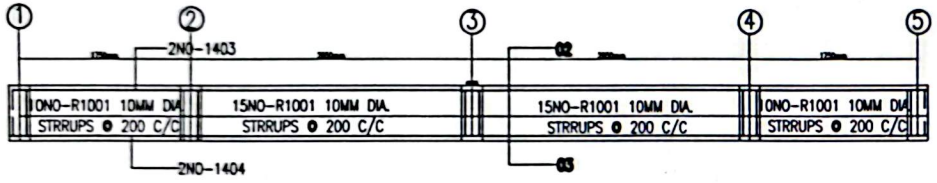
description: R.C COLUMNS

	scale	date
	1:100	AUGUST 2025
	A 07	

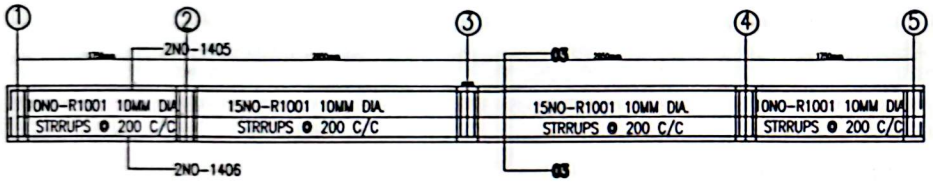
CamScanner



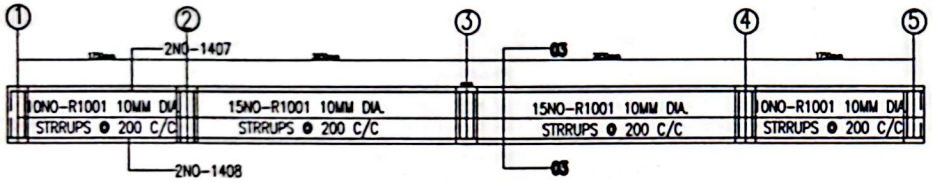
BEAM ON GRID LINE A-A,



BEAM ON GRID LINE C-C

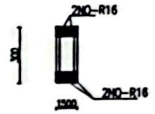


BEAM ON GRID LINE E-E



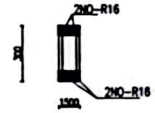
BEAM ON GRID LINE G-G

SECTION 01-01

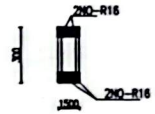


SECTION 03-03

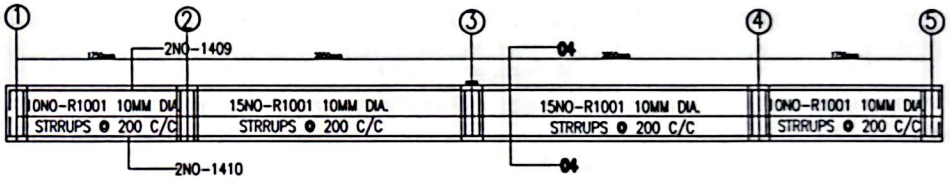
SECTION 02-02



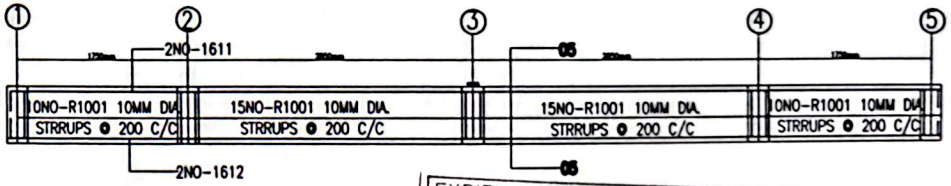
SECTION 04-04



SECTION 05-05



BEAM ON GRID LINE I-I



BEAM ON GRID LINE K-K

NOTE

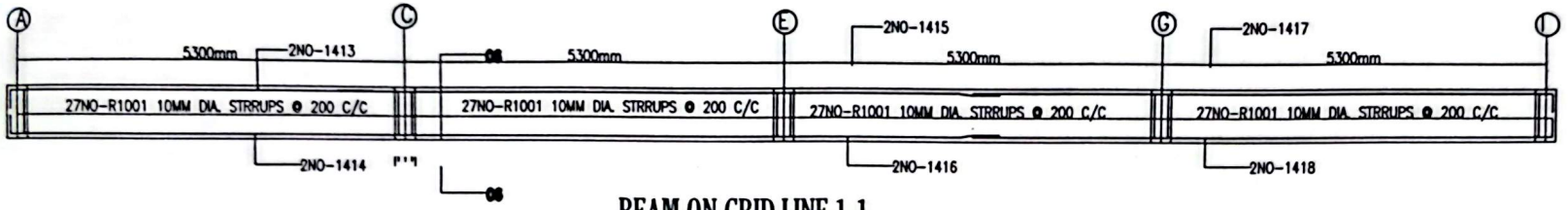
REINFORCEMENT BEAMS DETAILS

EXPIRY 01/2027

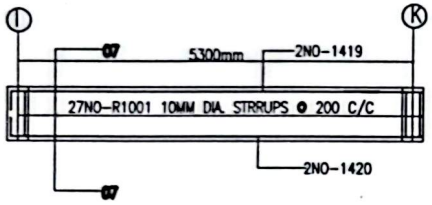
Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No PET 05821

Date 27/08/2026

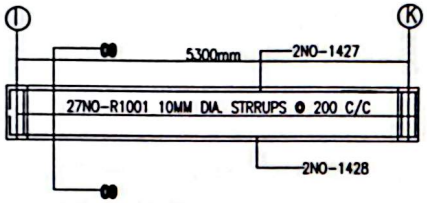
CamScanner



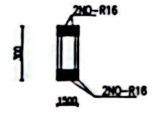
BEAM ON GRID LINE 1-1



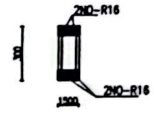
BEAM ON GRID LINE 1-1



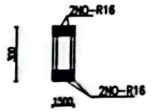
BEAM ON GRID LINE 2-2



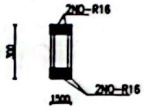
SECTION 06-06



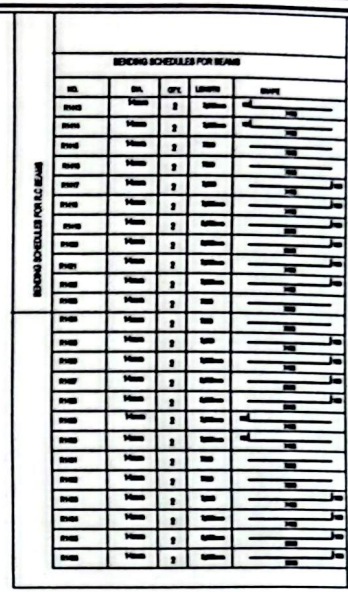
SECTION 07-07

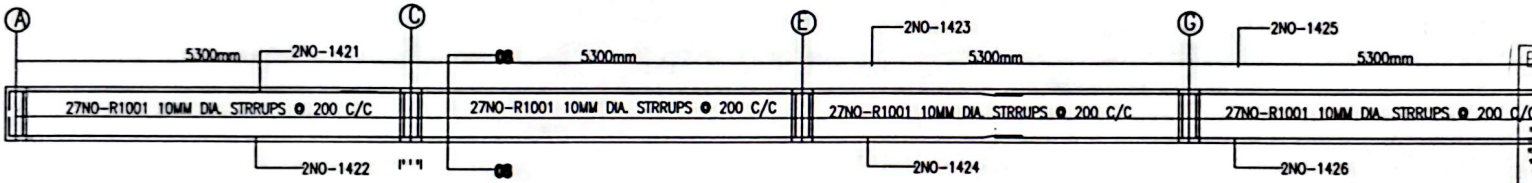


SECTION 08-08



SECTION 09-09



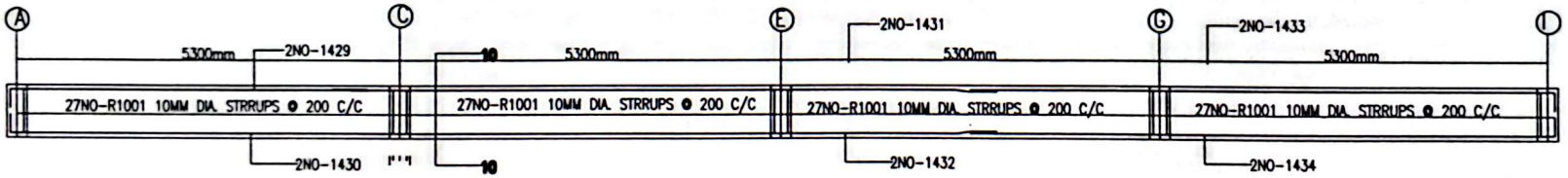


BEAM ON GRID LINE 2-2

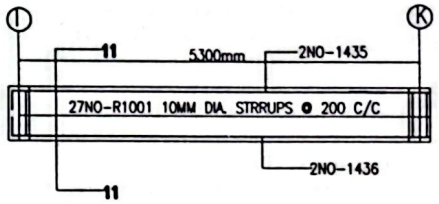
EXPIRY 01/2027

FOUNDED 1986

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No PET 05821
Date 21/08/2026



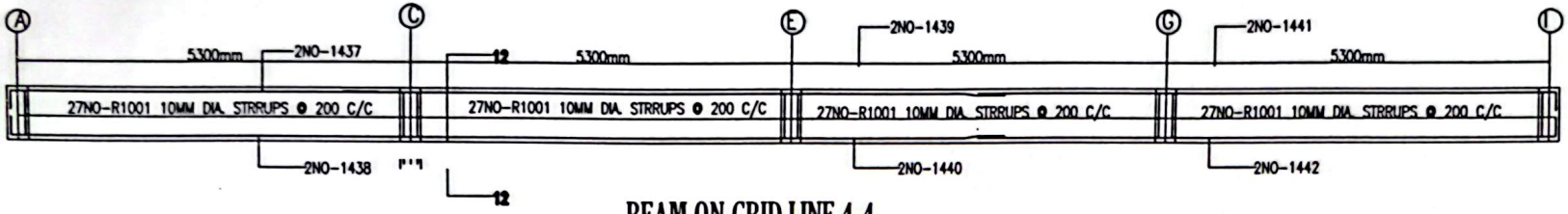
BEAM ON GRID LINE 3-3



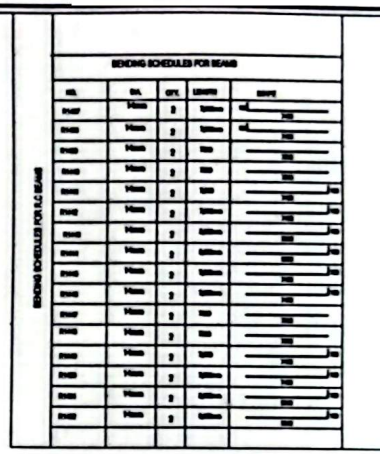
BEAM ON GRID LINE 3-3

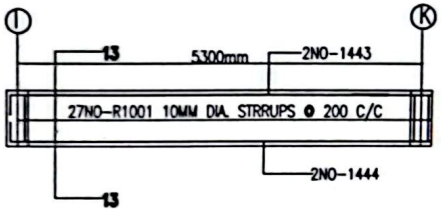
NOTE

REINFORCEMENT BEAMS DETAILS

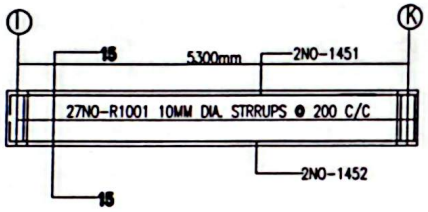


BEAM ON GRID LINE 4-4

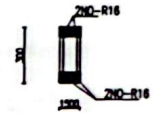




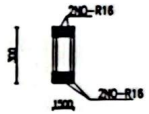
BEAM ON GRID LINE 4-4



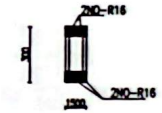
BEAM ON GRID LINE 5-5



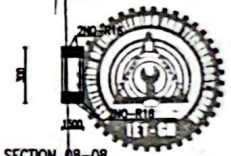
SECTION 06-06



SECTION 07-07



SECTION 09-09

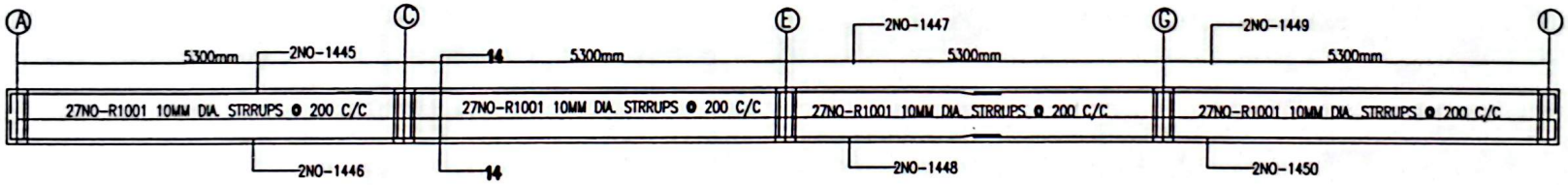


SECTION 08-08

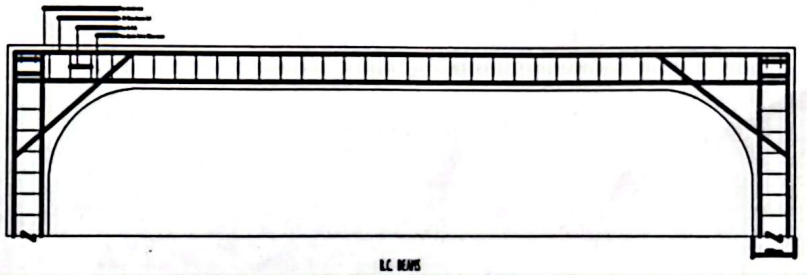
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Engr. LUKEMAN KANZONI
(PET IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 21.08.2026

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BEAM ON GRID LINE 5-5

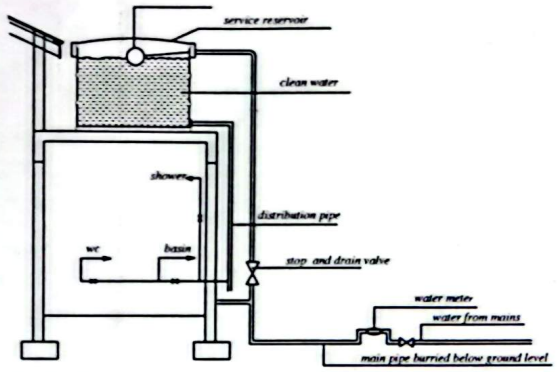


R.C BEAMS

NOTE

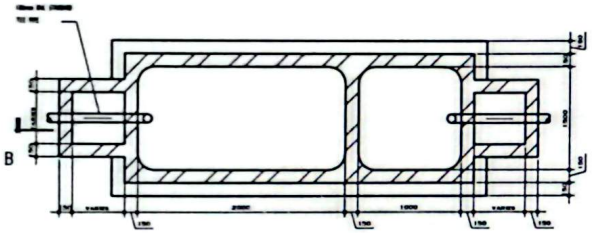
REINFORCEMENT BEAMS DETAILS

CamScanner

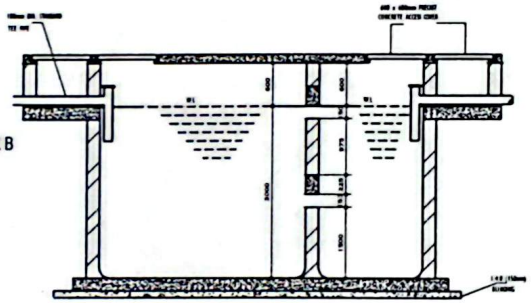


WATER DISTRIBUTION

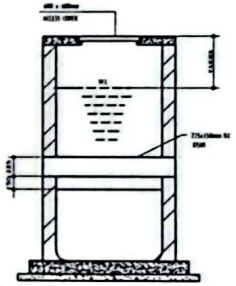
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Reg No. PET 05821
Date 21/08/2026
FOUNDED 1986



PLAN

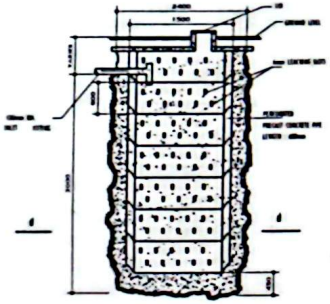


SECT B-B

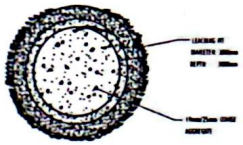


CROSS SECTION

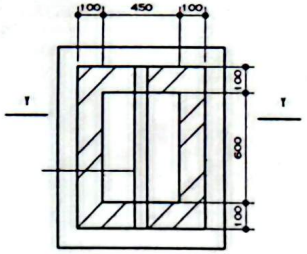
MANHOLE DETAILS



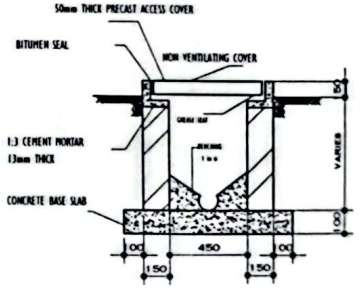
DETAIL OF LEACHING PIT



SECTION d - d



PLAN



SECTION Y-Y

FENCE WALL & SEPTIC TANK DETAILS

PROJECT :
PROPOSED SEPTIC TANK

CLIENT :
JUABOSO DISTRICT ASSEMBLY

TITLE :
SEPTIC TANK DETAILS

DESIGNED BY :

SCALE: 1:100

DATE: AUGUST, 2026

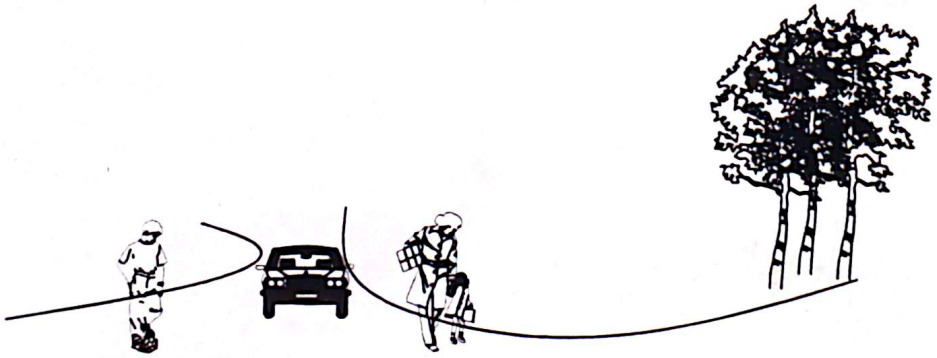
CamScanner

PROJECT

CONSTRUCTION OF 1 NO. 4 UNIT TOILET WITH TWO(2) URINAL IN THE JUABOSO DISTRICT OF THE WESTERN NORTH REGION,GHANA.

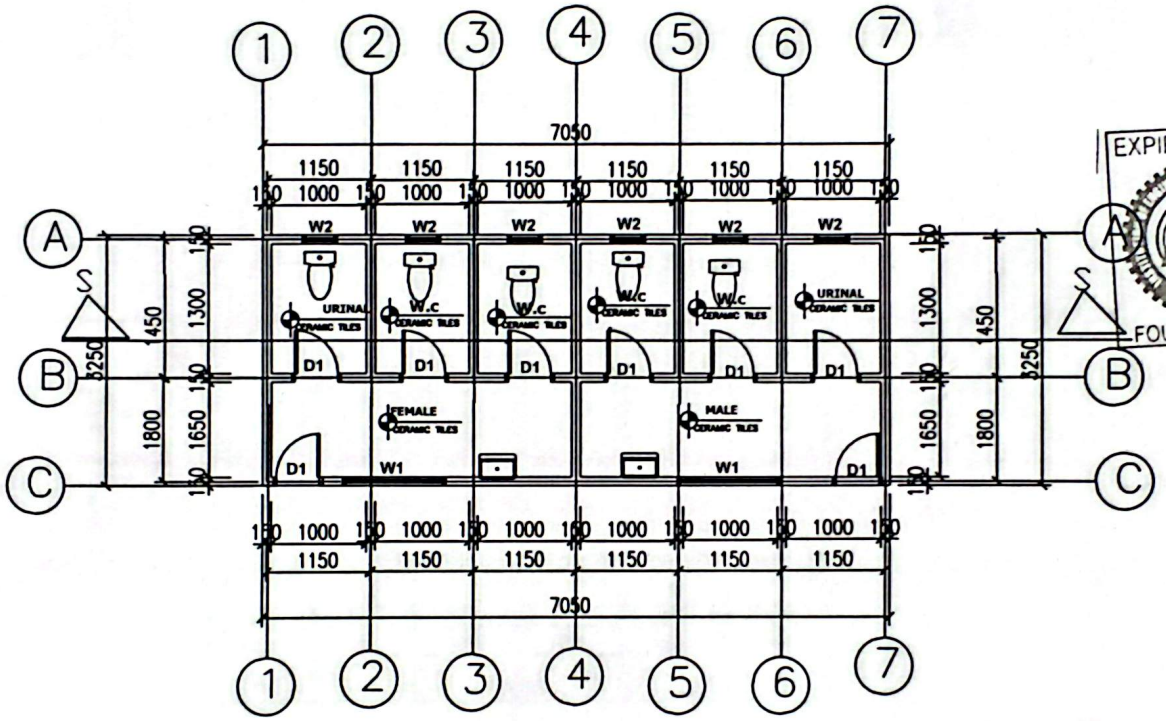
CLIENT

JUABOSO DISTRICT ASSEMBLY



HIGH-TECH CONSULT
Hotline:
0242767278/0205355359

CamScanner



GROUND FLOOR PLAN

NOTES

Do not scale from drawings.
Only figured dimensions to be worked to.
When in doubt consult the Architect.

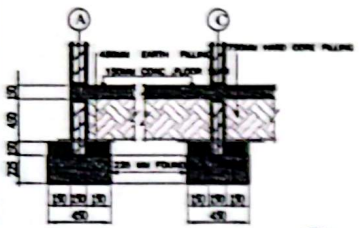
All dimensions are in millimetres.

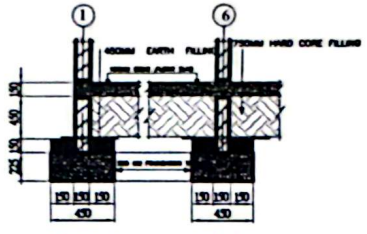
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FOUNDED 1936

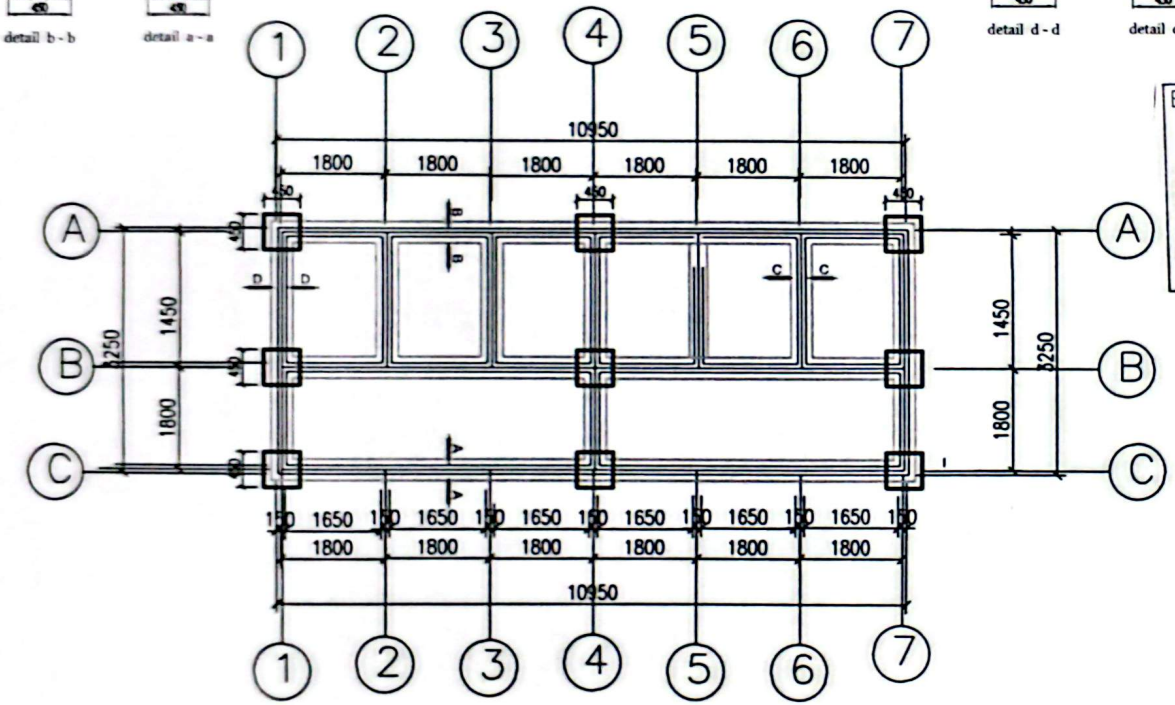
Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date - 21/05/2026

project: CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL	sheet no. 1
client:	
description: As shown	Designed:
	Drawn by:
	Date:
	Scale: 1 : 100

CamScanner







FOUNDATION PLAN

NOTES

Do not scale from drawings.
Only figured dimensions to be worked to.
When in doubt consult the Architect.

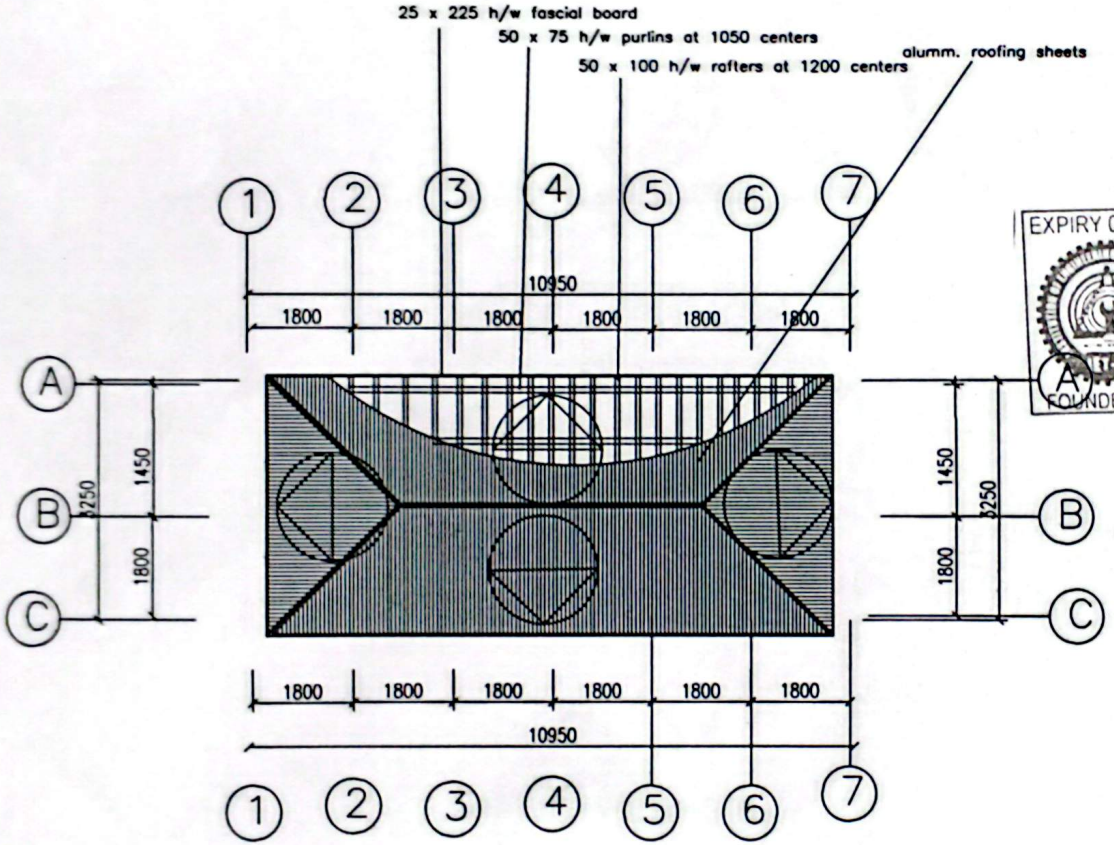
All dimensions are in millimetres.

EXPIRY 01/2027
FOUNDED 1936

Engr. LUKEMAN KANZONI
(PET IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No PET 0582
Date 21/08/2026

project: CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL	sheet no. 2
client:	
description: As shown	Designed:
	Drawn by:
	Date:
	Scale: 1 : 100

CamScanner



ROOF PLAN

NOTES

Do not scale from drawings.
Only figured dimensions to be worked to.
When in doubt consult the Architect.

All dimensions are in millimetres.

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Engr. LUKEMAN KANZONI
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CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date: 21/08/2026

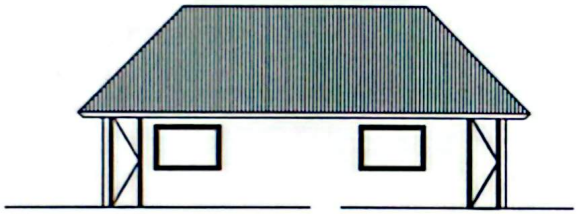
project: CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL	sheet no. 3
client:	
description: As shown	Designed:
	Drawn by:
	Date:
	Scale: 1 : 100

CamScanner

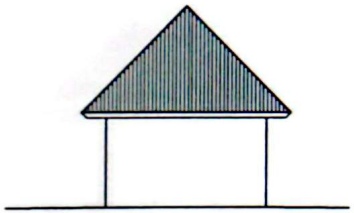
EXPIRY 01.2027

FOUNDED 1986

Engr. LUKEMAN KANZONI
(PET IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date: 21/05/2026



FRONT ELEVATION



RIGHT ELEVATION

NOTES

Do not scale from drawings.
Only figured dimensions to be worked to.
When in doubt consult the Architect.

All dimensions are in millimetres.

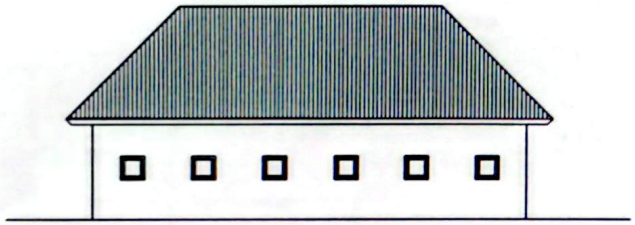
project: CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL AT AGYIEMANDIEM	sheet no. 4
client:	
description: As shown	Designed:
	Drawn by:
	Date:
	Scale: 1 : 100

CamScanner

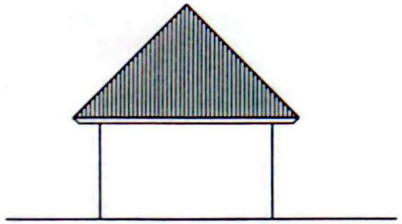
EXPIRY 01/2027

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(PET.IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date - 21 / 05/2026



BACK ELEVATION



LIFT ELEVATION

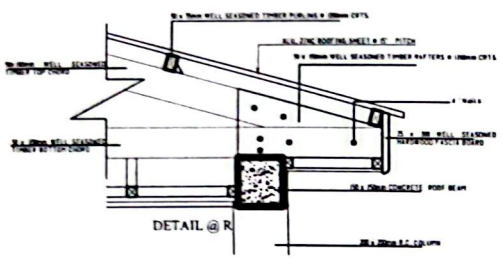
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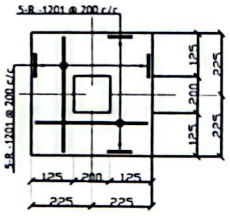
Do not scale from drawings.
Only figured dimensions to be worked to.
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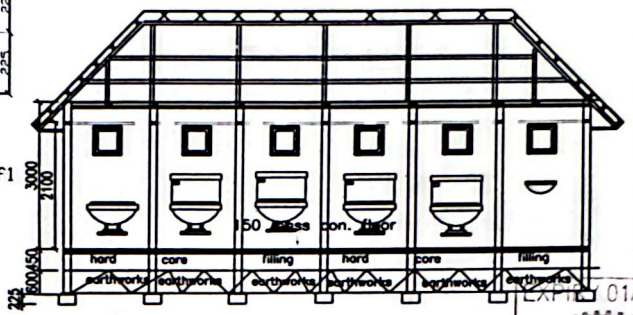
All dimensions are in millimetres.

project: CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL	sheet no. 5
client:	
description: As shown	Designed:
	Drawn by:
	Date:
	Scale: 1 : 100

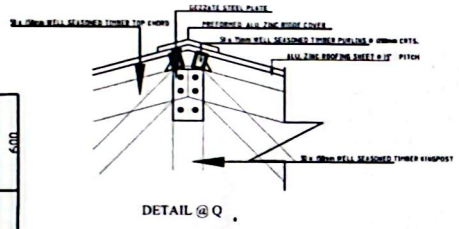
CamScanner

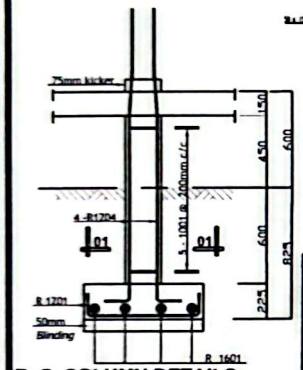


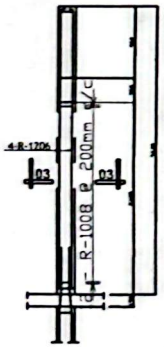




SECTION S-S







NOTES

Do not scale from drawings.
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When in doubt consult the Architect.

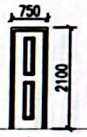
All dimensions are in millimetres.

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(PET.IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date: 21/08/2026

DOOR & WINDOW SCHEDULE



DESCRIPTION	TIMBER PANELL DOOR
LOCATION	W.c, corridor
No. REQUIRED	8



DESCRIPTION	TIMBER FRAME WINDOWS	TIMBER FRAME WINDOWS
LOCATION	WC & URINAL	WC & URINAL
No. REQUIRED	4	6

project:
CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL

sheet no. 6

client:

description
As shown

Designed:
Drawn by:
Date:
Scale: 1 : 100

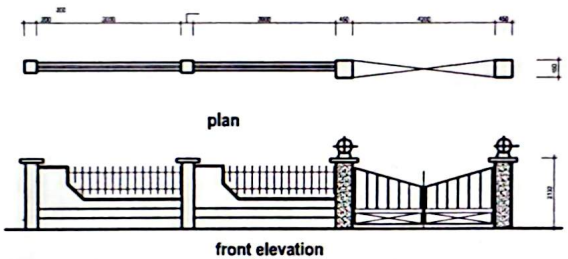
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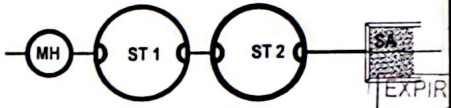
NOTE

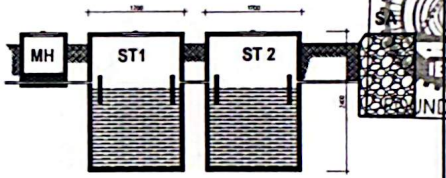
Air should be excluded from s.t.t. to encourage the growth of anaerobic bacteria to liquify sludge to facilitate the flow of the effluent accumulated gasses are expected to be connected and expelled through Pipe which should carried above eaves be protected against nesting of birds as in drawing drains should be given sufficient falls and joints should be properly made to prevent blocking of the apparture and expedite the escape of accumulated gasses

septic tanks must be constructed in concrete and not sandcrete blocks top of septic tank to be not less than 150mm above finished ground level where two or more water closets connected to the same soil pipe the trap on each water closet other than the highest shall be ventilated to be an antisyphon pipe to the open air at a point 75cm above the water seal in the highest water antisyphon pipe and connections should be at 30cm intervals and shall be connected with the arm of soil pipe at a point not less than 150mm and not more than 300mm from the highest point of the water seal which is nearest to the soil pipe

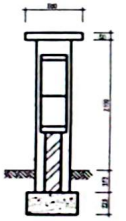


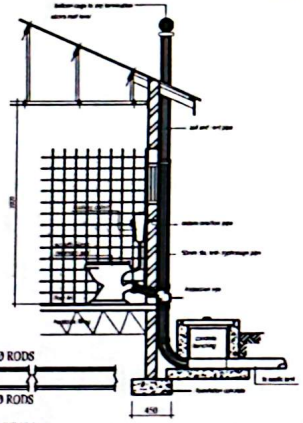


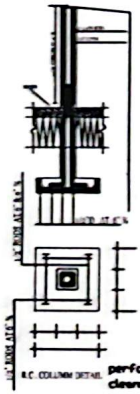


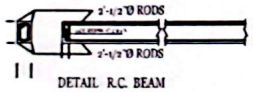




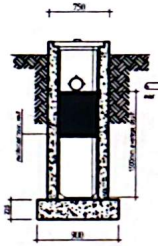




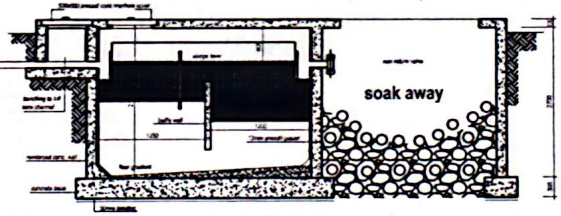




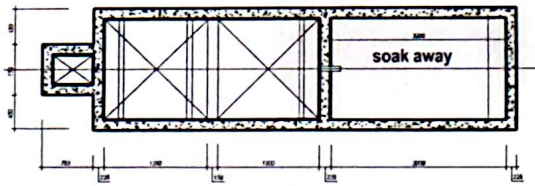
DETAIL R.C. BEAM



precast system, cross section







mortar mix for joint 12" 2" grips should be made under joint.
allow sharks of drains to rest on rammed earth base (drain gradient 21-40)

perforated pipes should be removed every 3 months and perforation of slots cleaned with wire brush top over of filter medias should be examined and be removed. necessary turned over and cleaned every 2 months. it may be necessary on account of clogging to remove part of medias and rerers. s.t. should be opened every six months and depth of top crust ascertaine if this exceeds 12 plus should

DETAIL OF SEPTIC TANK

NOTES

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EXPIRY 01.2027
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Date:- 21.05.2026
FOUNDED 1986

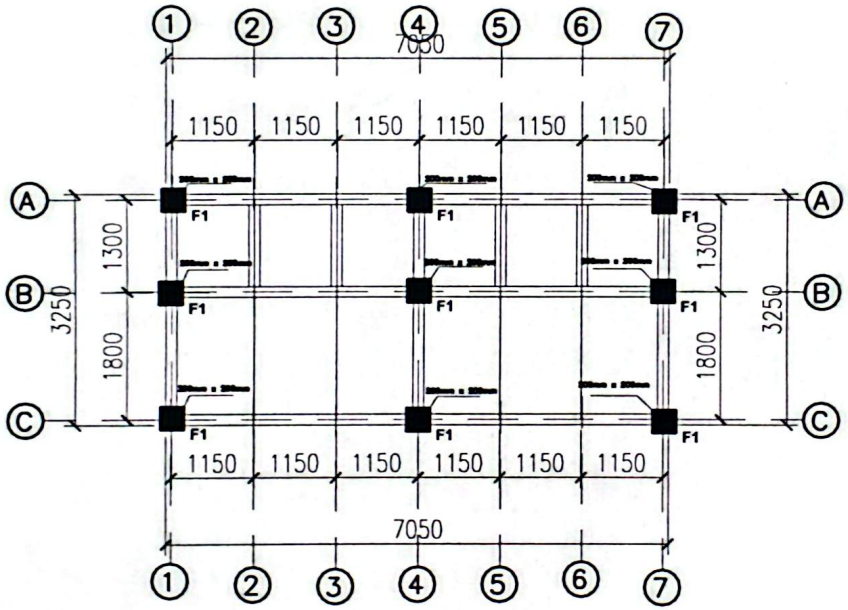
project: CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL	sheet no. 7
client:	
description: As shown	Designed:
	Drawn by:
	Date:
	Scale: 1 : 100

CamScanner

EXPIRY 01/2027

FOUNDED 1986

Engr. LUKEMAN KANZONI
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Reg No. PET 05821
Date:- 21/08/2026



R.C COLUMN LAYOUT

NOTES

Do not scale from drawings.
Only figured dimensions to be worked to.
When in doubt consult the Architect.

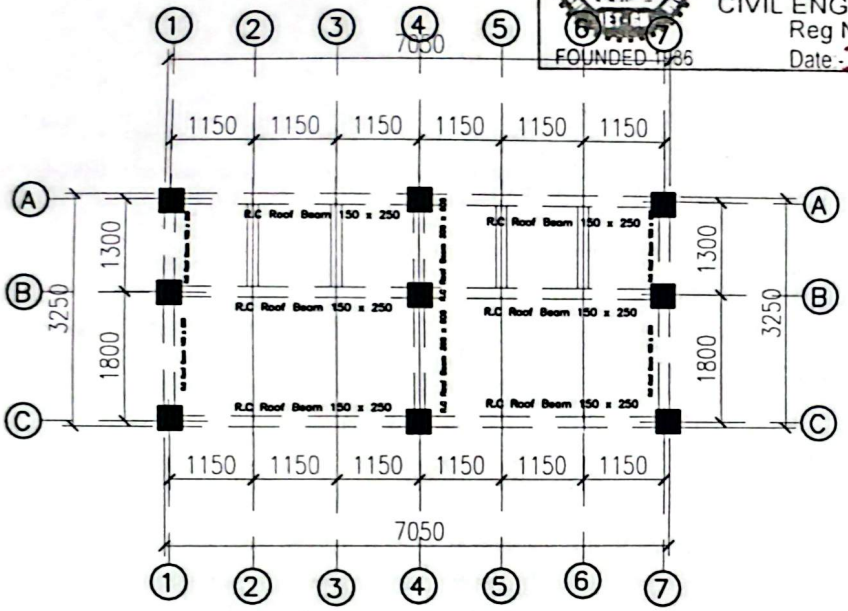
All dimensions are in millimetres.

project: CONSTRUCTION OF 1 NO. 4 UNIT TOILET WITH 2 UNIT URINAL	sheet no. 8
client:	
description: As shown	Designed:
	Drawn by:
	Date: Scale: 1 : 100

CamScanner

EXPIRY 01/2027

Engr. LUKEMAN KANZONI
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Reg No. PET 05821
Date: 21/08/2026



RC ROOF BEAMS ARRANGEMENTS

NOTES

Do not scale from drawings.
Only figured dimensions to be worked to.
When in doubt consult the Architect.

All dimensions are in millimetres.

project: CONSTRUCTION OF 1 NO. 4 UNIT TOILET WITH 2 UNIT URINAL	sheet no. 9
client:	
description: As shown	Designed:
	Drawn by:
	Date: / Scale: 1 : 100