PROJECT :

PROPOSED 20-UNITS MARKET SHED

CLIENT :

JUABOSO DISTRICT ASSEMBLY

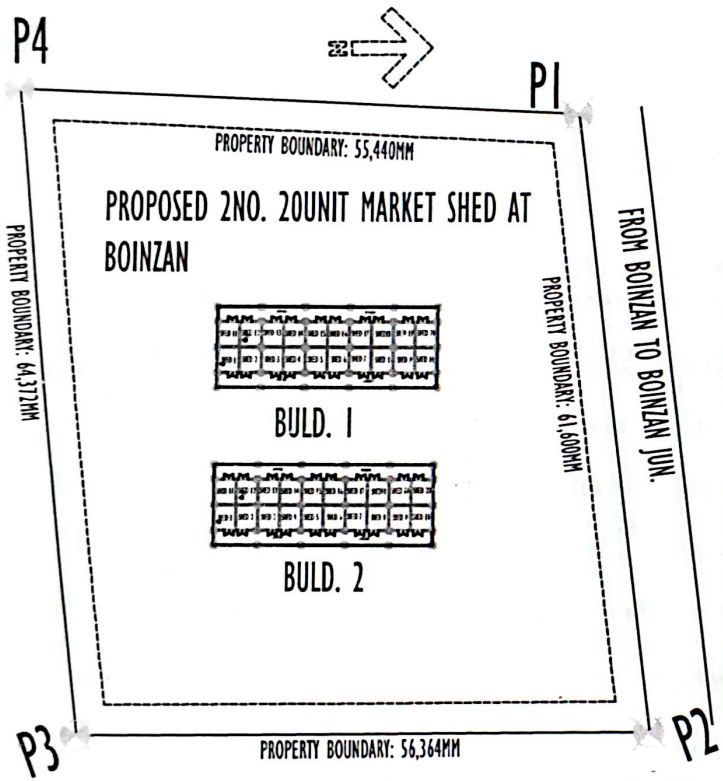
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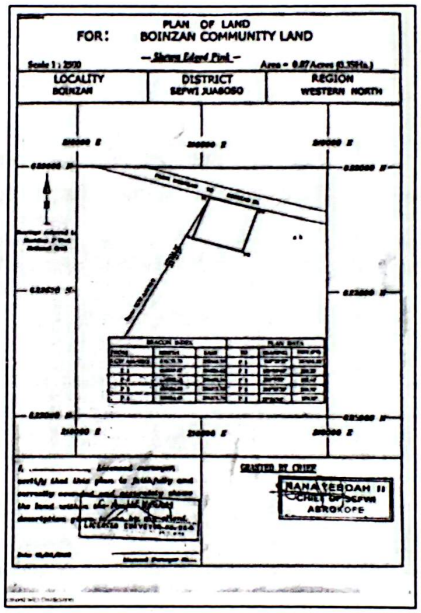
BOINZAN

JUABOSO DISTRICT IN WESTERN NORTH REGION

GHANA

CamScanner





BLOCK AND SITE PLAN

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 01/2027

FOUNDED 1936

Engr. LUKEMAN KANZON
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No PET 05821
Date 24/06/2026

PROJECT : **PROPOSED 20-UNIT MARKET SHED**

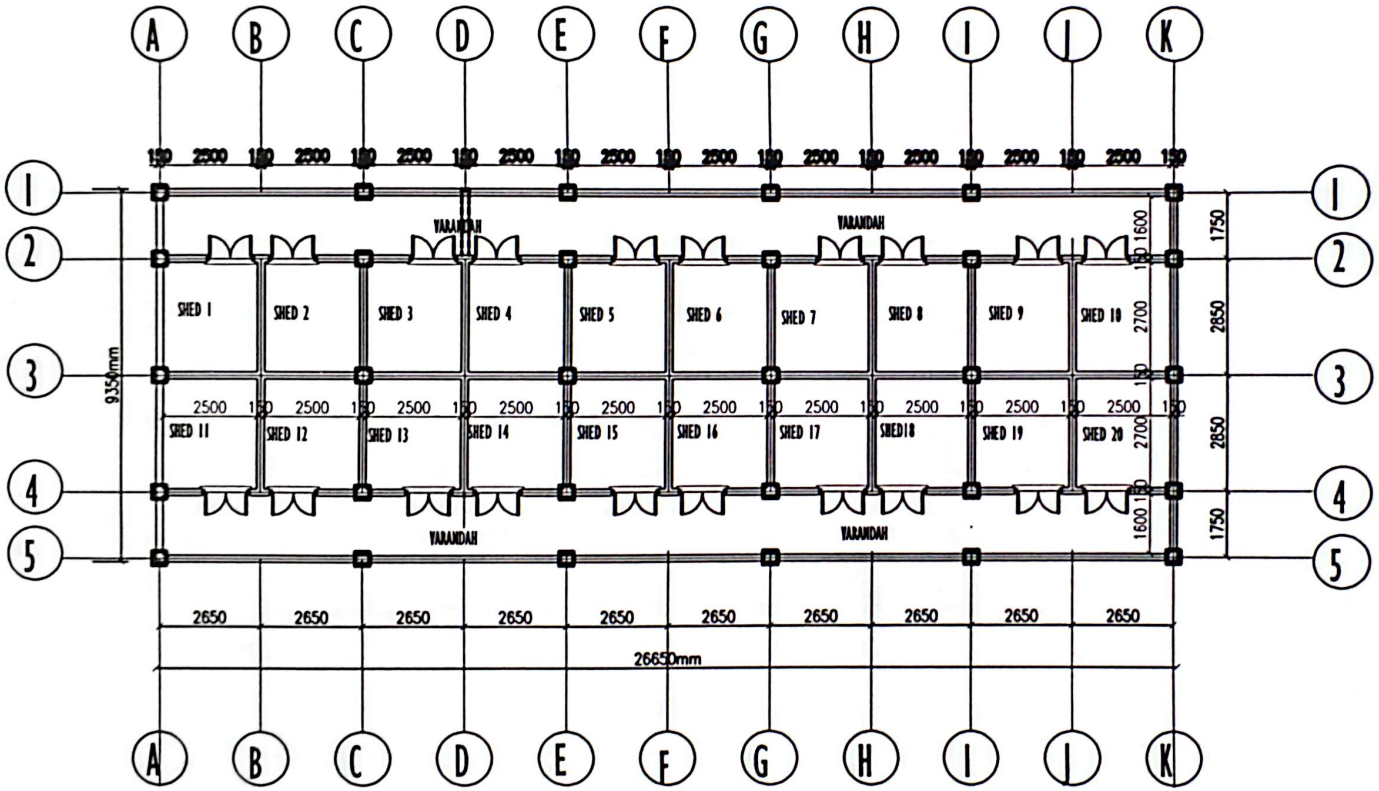
CLIENT : **JUABOSO DISTRICT ASSEMBLY**

LOCATION: **JUABOSO DISTRICT IN WESTERN NORTH REGION GHANA**

description : **BLOCK AND SITE**

design by :	scale	date
MR. A. G. NYAMEAH	1:100	JUNE. 2026
drawn by : ALFRED OJENI GNAMIAN (0208429345)	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 24/08/2026

PROJECT : **PROPOSED 20-UNIT MARKET SHED**

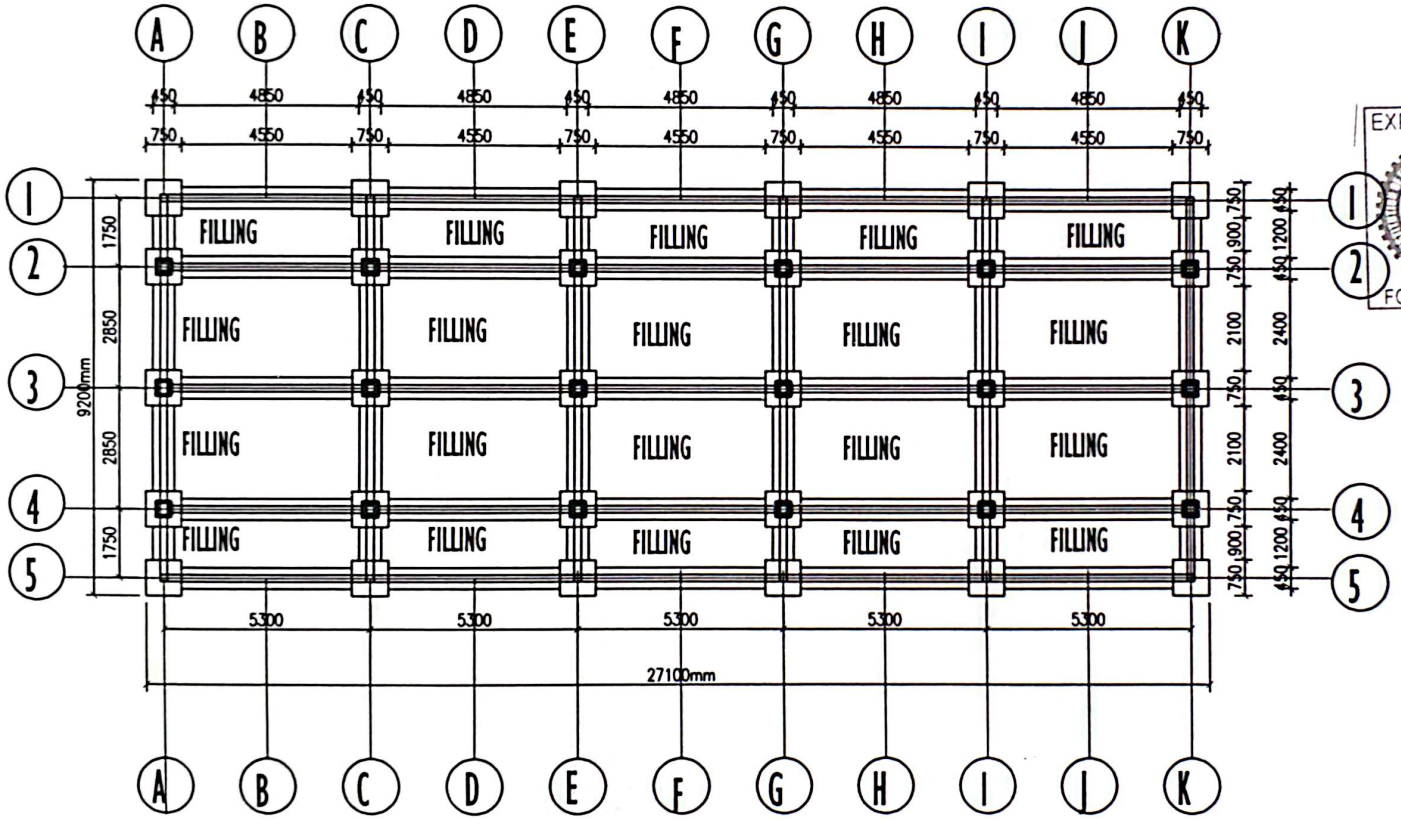
CLIENT : **JUABOSO DISTRICT ASSEMBLY**

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 OJENI GNAMIAN (0208420345)	A 01	

CamScanner



FOUNDATION PLAN

EXPIRY 01/2027
FOUNDED 1996

NOTE

PLEASE DO NOT SCALE DRAWING

Engr. LUKEMAN KANZONI
(PET IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 24/08/2026

PROJECT :
PROPOSED 20-UNIT MARKET SHED

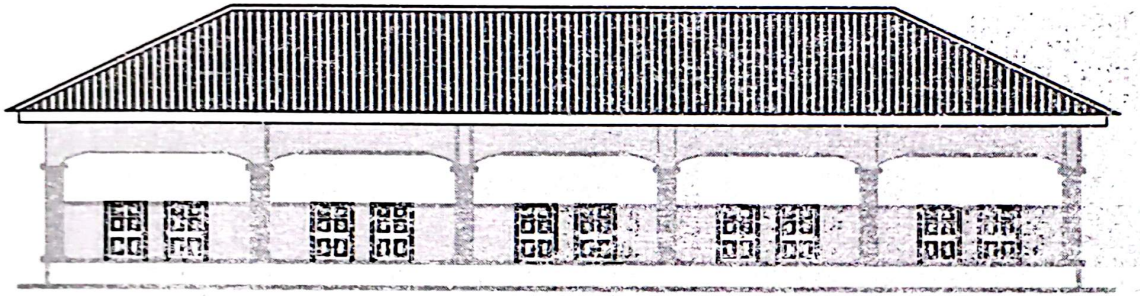
CLIENT :
JUABOSO DISTRICT ASSEMBLY

LOCATION:
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA

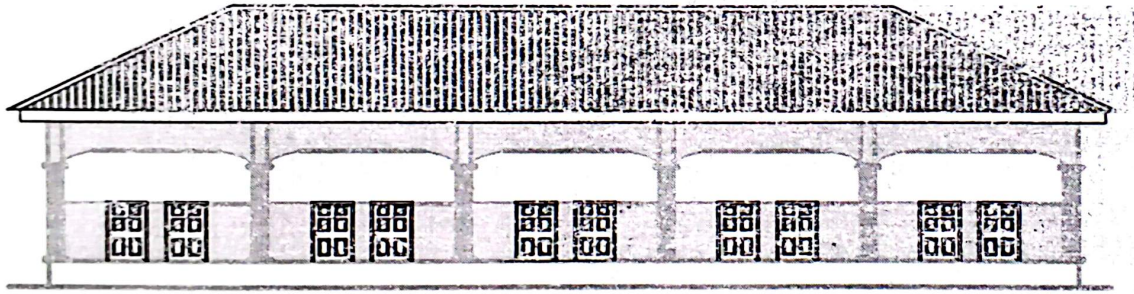
description :
FOUNDATION PLAN

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

CamScanner



REAR ELEVATION



FRONT ELEVATION

EXPIRY 01/2027
FOUNDED 1935

NOTE

PLEASE DO NOT SCALE DRAWING

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 24/08/2026

PROJECT :
PROPOSED 20-UNIT MARKET STALL

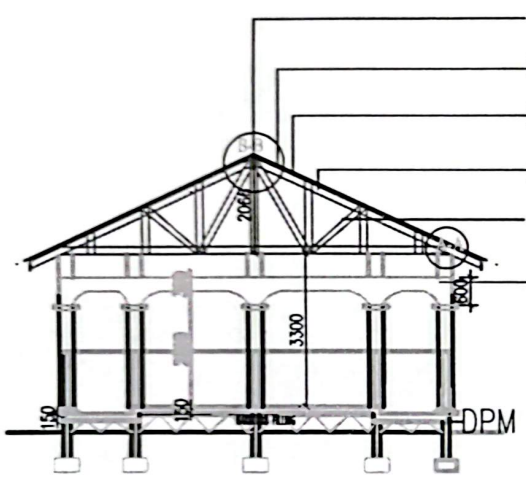
CLIENT :
JUABOSO DISTRICT ASSEMBLY

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 DJENI GHANEAH (0208429345)	A 03	

CamScanner



SECTION A-N

Ridge cap

~~Long span aluzinc roofing sheets~~

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

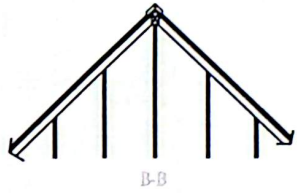
50 X 150mm hardwood rafters @ 1200mm c/c

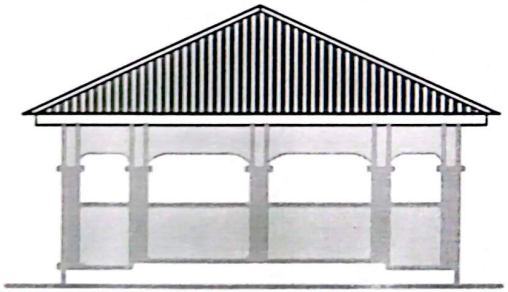
50 X 100 TRUSSES @ 1200mm c/c

50 X 50 Ceiling joists @ 600mm c/c

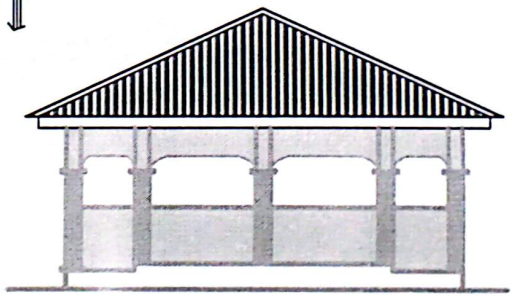
Ceiling boards







LEFT SIDE VIEW



RIGHT SIDE VIEW

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 01/2027

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 24/08/2026

FOUNDED 1986

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 (0209842034)	A 04	

CamScanner

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

description : **BEAMS LAYOUT**

PROJECT : **PROPOSED 20-UNIT MARKET STALL**

CLIENT : **JUABOSO DISTRICT ASSEMBLY**

LOCATION: **JUABOSO DISTRICT IN WESTERN NORTH REGION**

GHANA

NOTE

PLEASE DO NOT SCALE DRAWING

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date: 24/6/2026

FOUNDED 1836
EXPIRY 01/2027

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 01 2027

Engr. EKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 24/08/2026

FOUNDED 1895

PROJECT: **PROPOSED 20-UNIT MARKET SHED**

CLIENT: **JUABOSO DISTRICT ASSEMBLY**

LOCATION: **JUABOSO DISTRICT IN WESTERN NORTH REGION**

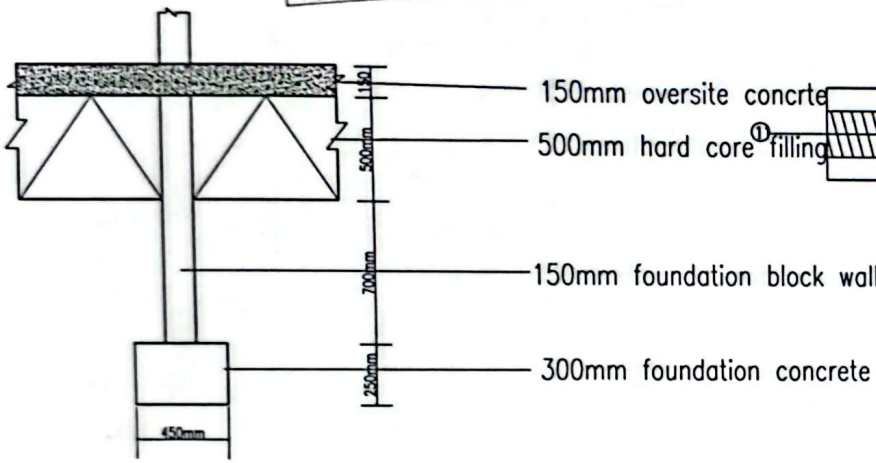
GHANA

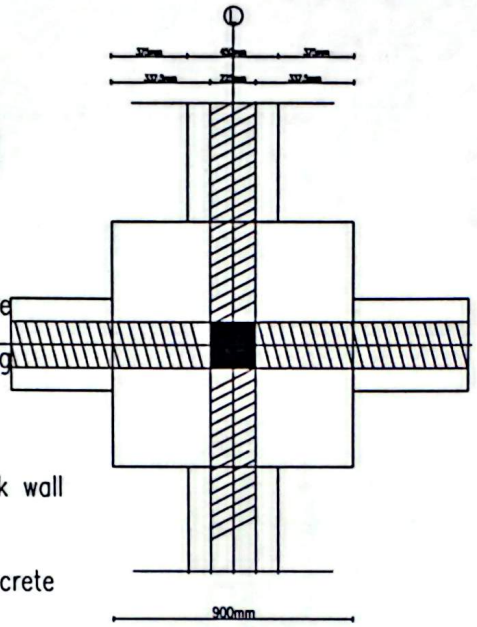
description: **ROOFING PLAN**

design by:	scale	date
ABC A. G. NYARKAH	1 : 100	JUNE. 2025
drawn by: ALFRED OJANG DAMOAH (0256842860)		
		A 06

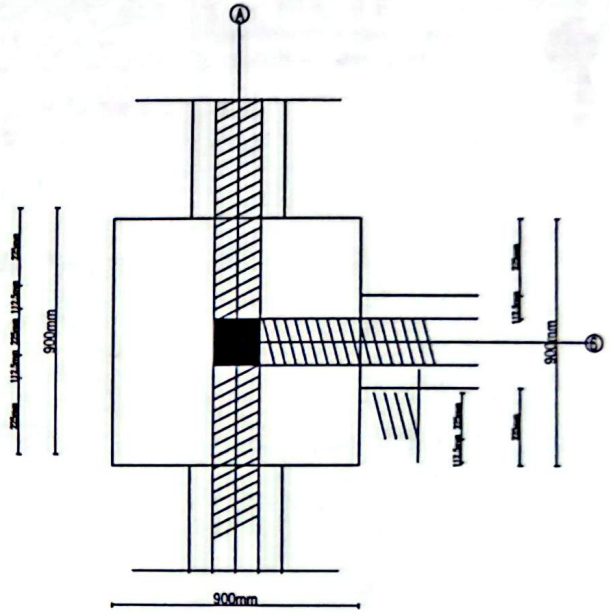
CamScanner

EXPIRY 01/2027
Engr. LUKEMAN KANZONI
(PET IET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date: 24/05/26
FOUNDED 1936

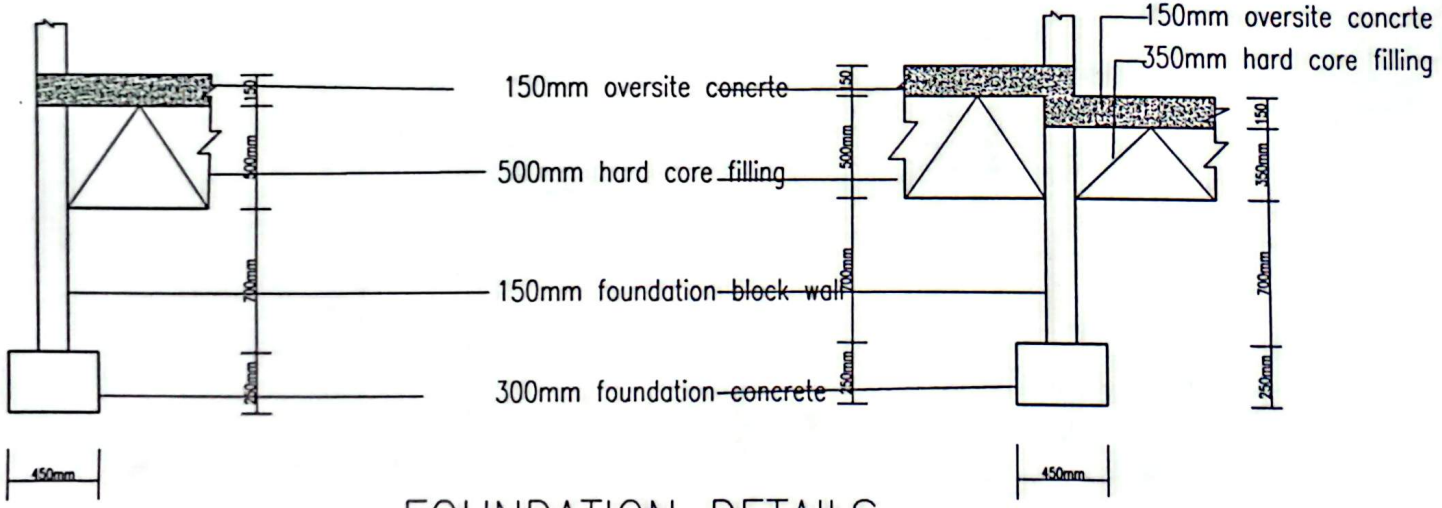




DETAILS AT 'A'



DETAILS AT 'G'



FOUNDATION DETAILS

NOTE

PLEASE DO NOT SCALE DRAWING

PROPOSED 20-UNIT MARKET STALL
CLIENT: JUABOSO DISTRICT ASSEMBLY
LOCATION: JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA
FOUNDATION DETAILS
scale: 1:100
date: June, 2025

R.C. COLUMNS DETAILS
BASE TYPE B1
13NO T16UG
400mm
1150
3500mm
300
4NO-14mm dia. rods
R1001-13no @ 225 c/c
02
01
7-R1201 @ 150mm c/c
750mm
350
200
6NO-16mm dia. rods
R1001-8no @ 225 c/c
03
50mm Blinding
250
700
150
SECTION 01-01
NOTE
PLEASE DO NOT SCALE DRAWING
PROPOSED 20-UNIT MARKET STALL
JUABOSO DISTRICT ASSEMBLY
JUABOSO DISTRICT IN WESTERN NORTH REGION
GHANA
R.C COLUMNS
AUGUST 2025
A 07
FOUNDED 1935
EXPIRY 01/2027
ENGR. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No PET 05821
Date: 2/4/05/2025

design by :	MR A. G. NYAKEAH
drawn by :	ALFRED D.KENI (SAKARA (0208432845)
scale	1 : 100
date	JUNE. 2025
	A 08

description : **FOUNDATION PLAN**

PROJECT : **PROPOSED 20-UNIT MARKET SHED**

CLIENT : **JUABOSO DISTRICT ASSEMBLY**

LOCATION: **JUABOSO DISTRICT IN WESTERN NORTH REGION**

GHANA

NOTE

PLEASE DO NOT SCALE DRAWING

EXPIRY 12.2

FOUNDED 1935

Engr EUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date : 24/06/2026

REINFORCEMENT BEAMS DETAILS

Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date:
FOUNDED 1995

BEAM ON GRID LINE A-A,

BEAM ON GRID LINE C-C

BEAM ON GRID LINE E-E

BEAM ON GRID LINE G-G

BEAM ON GRID LINE I-I

BEAM ON GRID LINE K-K

SECTION 01-01

SECTION 02-02

SECTION 03-03

SECTION 04-04

SECTION 05-05

BEAMS SCHEDULES PER BEAMS

NOTE

CamScanner

REINFORCEMENT BEAMS DETAILS

BEAM ON GRID LINE 3-3

BEAM ON GRID LINE 2-2

BEAM ON GRID LINE 1-1

BEAM ON GRID LINE 2-2

BEAM ON GRID LINE 1-1

SECTION 09-09

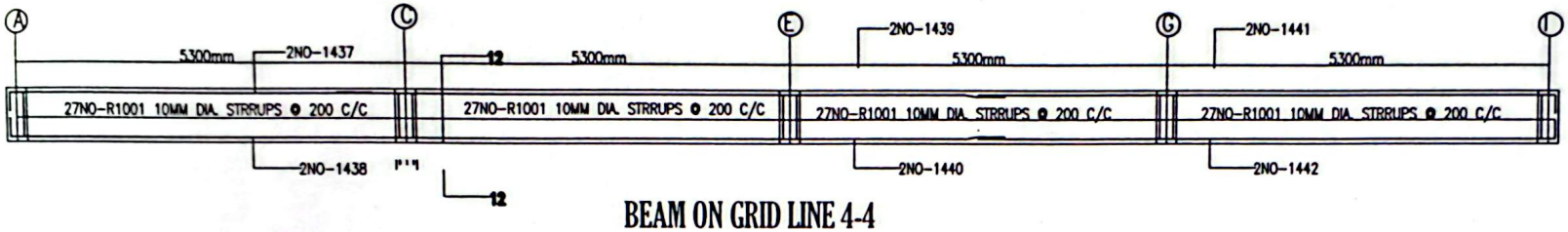
SECTION 08-08

SECTION 07-07

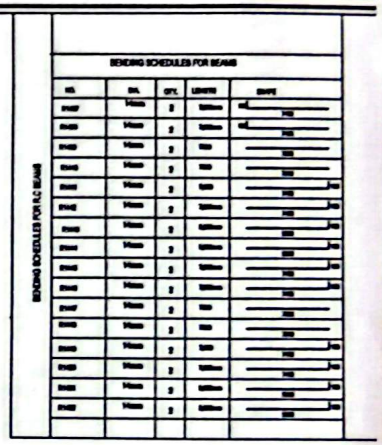
SECTION 06-06

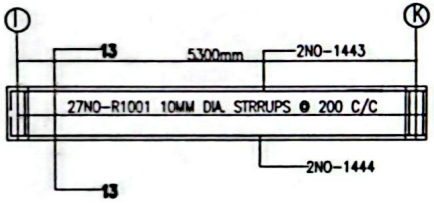
NOTE

CamScanner

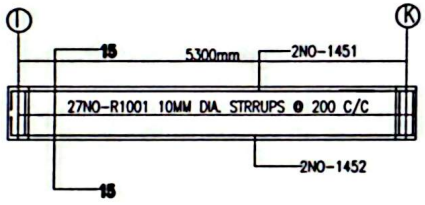


BEAM ON GRID LINE 4-4

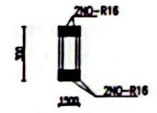




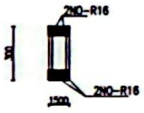
BEAM ON GRID LINE 4-4



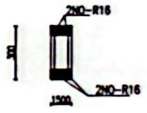
BEAM ON GRID LINE 5-5



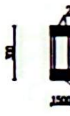
SECTION 06-06



SECTION 07-07



SECTION 09-09

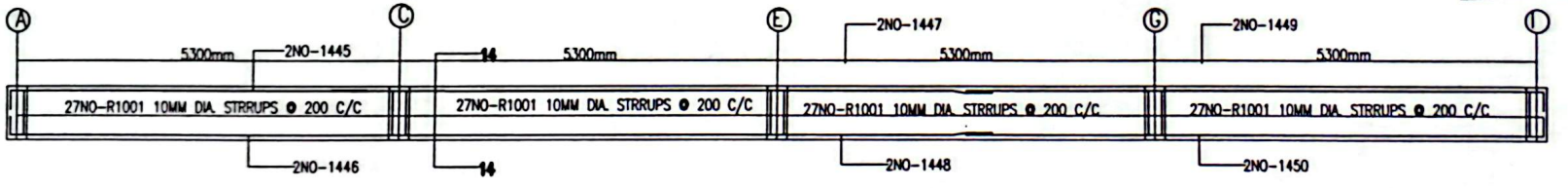


SECTION 08-08

EXPIRY 01/2027

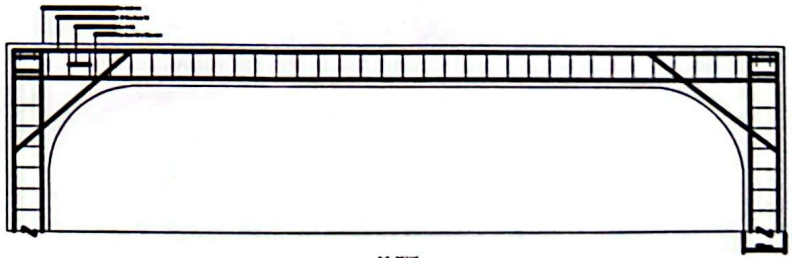
Engr. LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG. TECHNOLOGIST
Reg No. PET 05821
Date 24/05/2026

FOUNDED 1986



BEAM ON GRID LINE 5-5

REINFORCEMENT BEAMS DETAILS





FENCE WALL & SEPTIC TANK DETAILS

SCALE: 1 : 100	DATE: AUGUST 2024
DESIGNED BY :	
TITLE: SEPTIC TANK DETAILS	
CLIENT: JUABOSO DISTRICT ASSEMBLY	
PROJECT: PROPOSED SEPTIC TANK	

SECTION Y-Y

PLAN

DETAIL OF LEACHING PIT

SECTION d - d

MANHOLE DETAILS

CROSS SECTION

SECT B-B

PLAN

WATER DISTRIBUTION

Engr LUKEMAN KANZONI
(PETIET GH)
CIVIL ENG TECHNOLOGIST
Reg No PET 0582
Date: 24/05/2024

FOUNDED 1935

EXPIRY 01/2027

PROJECT

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

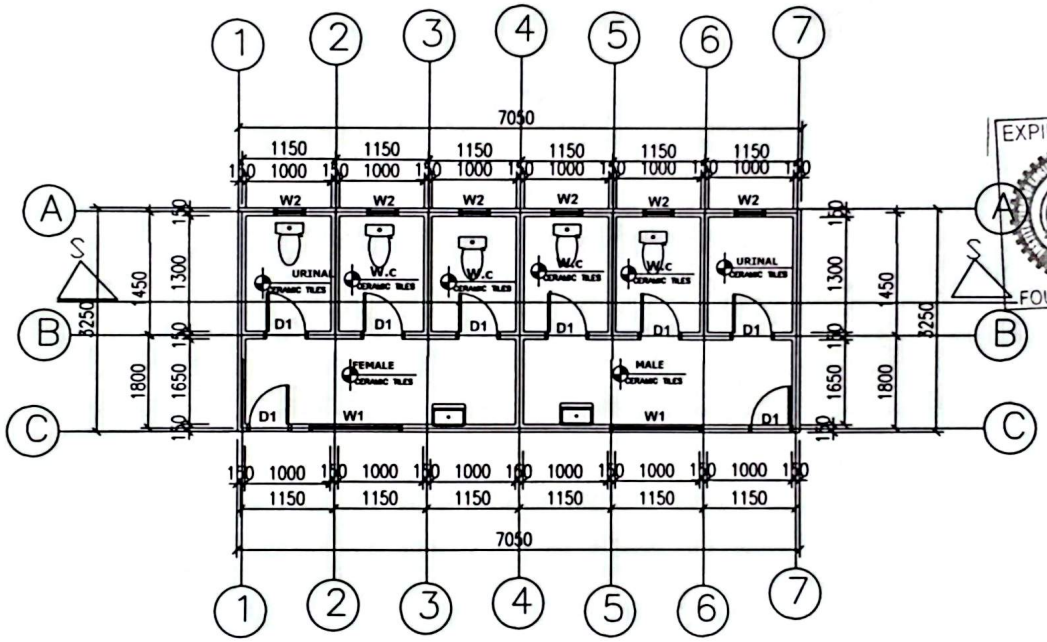
CLIENT

JUABOSO DISTRICT ASSEMBLY

HIGH-TECH CONSULT

Hotline:

0242767278/0205355359



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.

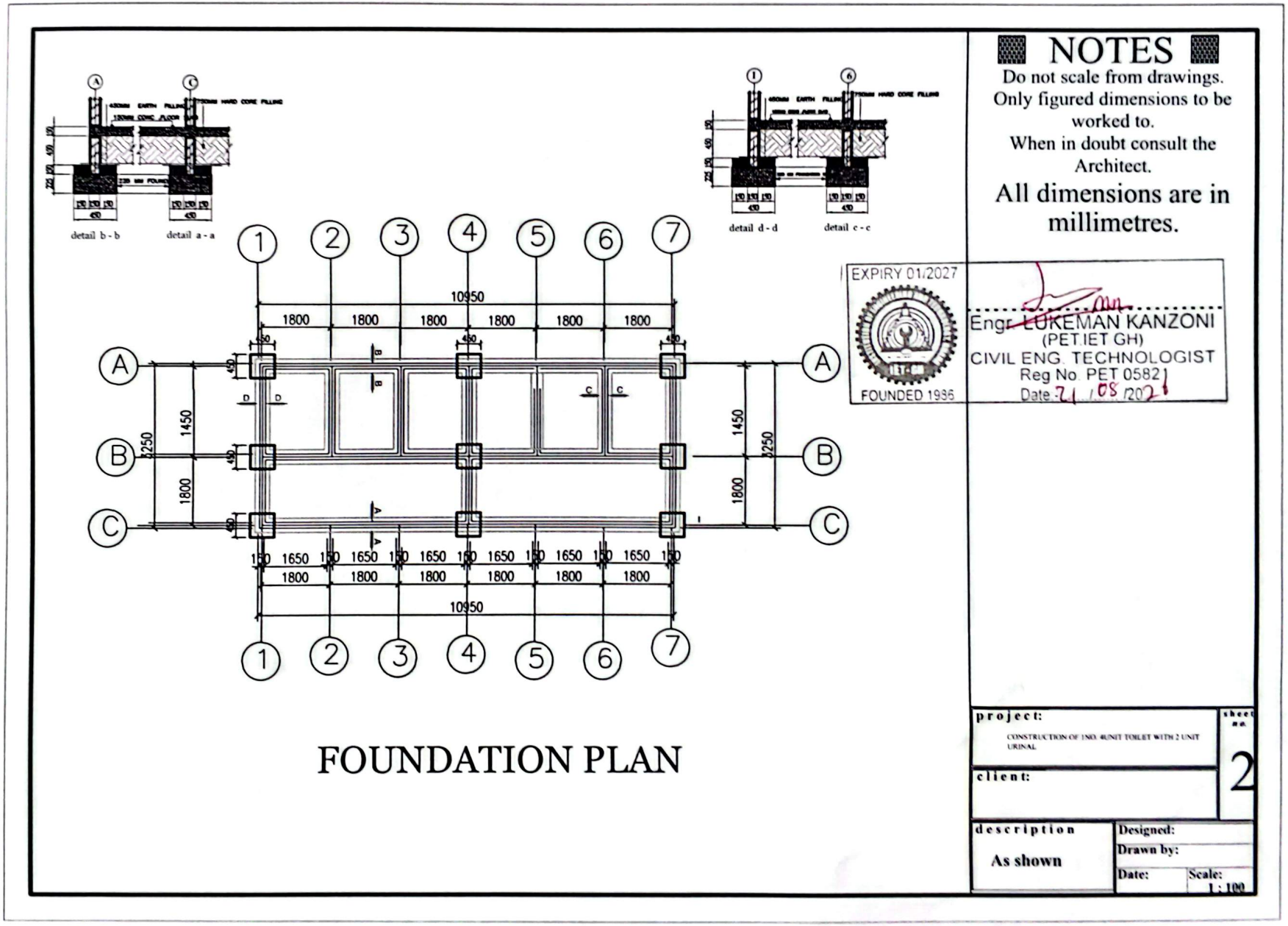
EXPIRY 01/2027

FOUNDED 1936

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

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



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: 21/08/2021

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

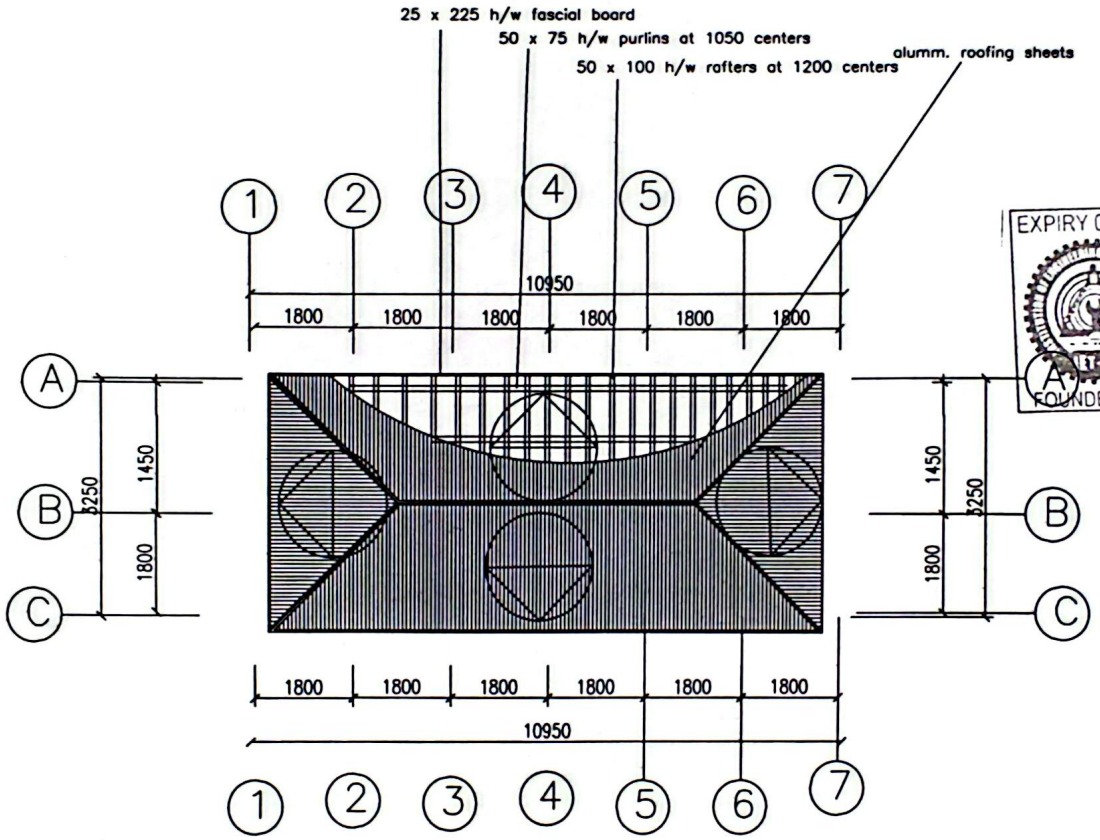
sheet no. 2

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.

EXPIRY 01/2027
FOUNDED 1996
Engr. LUKEMAN KANZONI
(PET IET GH)
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

RIGHT ELEVATION

FRONT ELEVATION

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

EXPIRY 01.2027

FOUNDED 1935

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 TWO-UNIT TOILET WITH 2 UNIT URINAL AT AGYEMAMAKROM
sheet no.	4
client:	
description	As shown
Designed:	
Drawn by:	
Date:	Scale: 1 : 100

LIFT ELEVATION

BACK ELEVATION

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

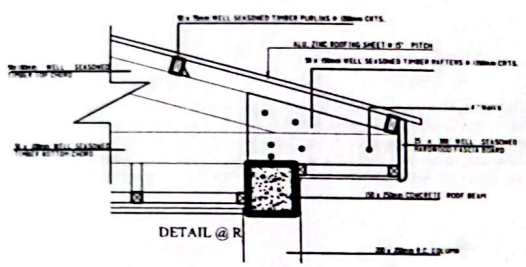
EXPIRY 01/2027
FOUNDED 1985

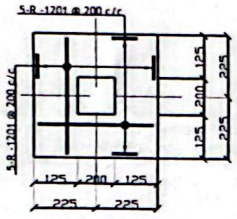
NOTES

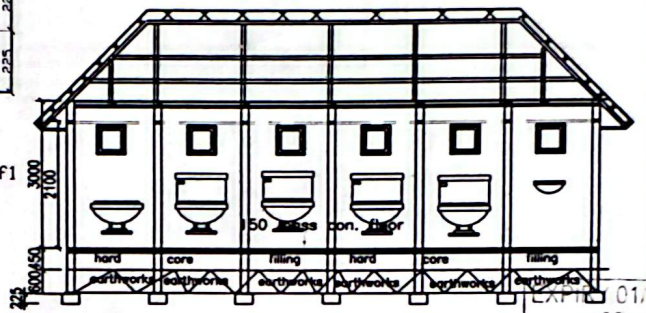
Do not scale from drawings.
Only figured dimensions to be worked to.
When in doubt consult the Architect.
All dimensions are in millimetres.

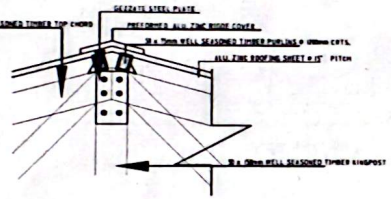
project:	CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL
sheet no.	5
client:	
description	As shown
Designed:	
Drawn by:	
Date:	Scale: 1 : 100

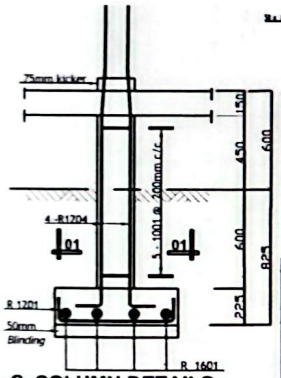
CamScanner

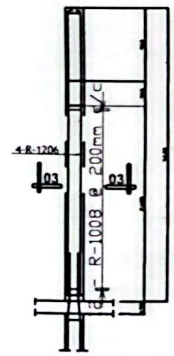












NOTES

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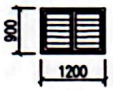
All dimensions are in millimetres.

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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

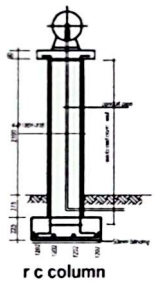
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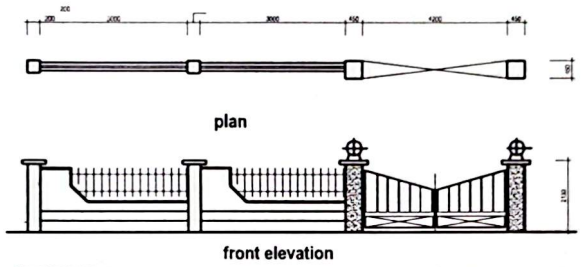
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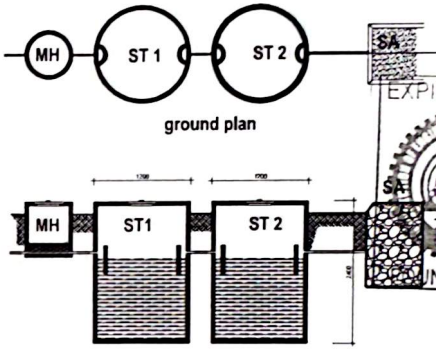
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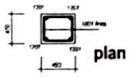
Air should be excluded from s.t. to encourage the growth of anaerobic bacteria to liquify sludge to facilitate the flow of the effluent accumulated gasses are expected to be connected and expelled through f.a.s stich should carried above eaves be protected against nesting of birds as in drawing. drains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

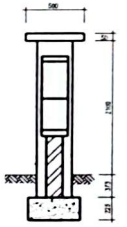
septic tanks must be constructed in concrete and not sandcrete blocks top of septic tank to be not less than 150mm above finished ground level where two or more water closets connected to the same soil pipe the trap on each water closet other than the highest shall be ventilated to be an anti-syphon pipe to the open air at a point 75mm above the water seal in the highest water anti-syphon pipe and connections should be at 38mm intervals and shall be connected with the one 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

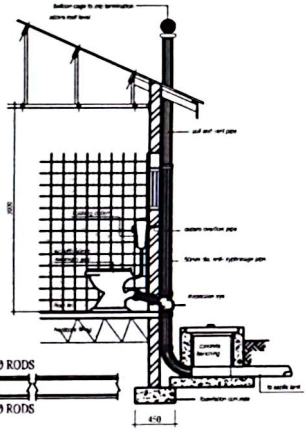


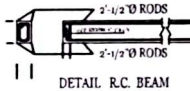




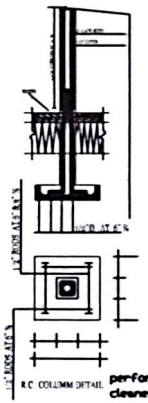






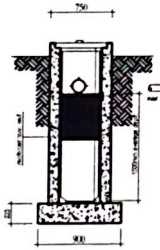


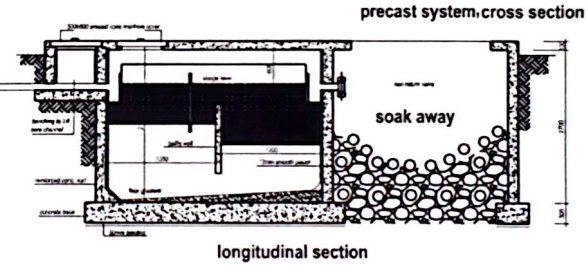
DETAIL R.C. BEAM

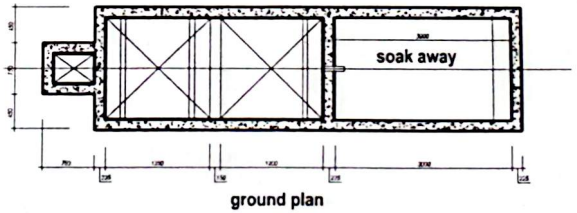


mortar mix for joint 12" 2" grips should be made under joint. allow shanks of drains to rest on rammed earth base (drain gradient 21-40)

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 rares. s.t. should be opened every six months and depth of top crust ascertains if this exceeds 12 plus should







DETAIL OF SEPTIC TANK

NOTES

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Only figured dimensions to be worked to.
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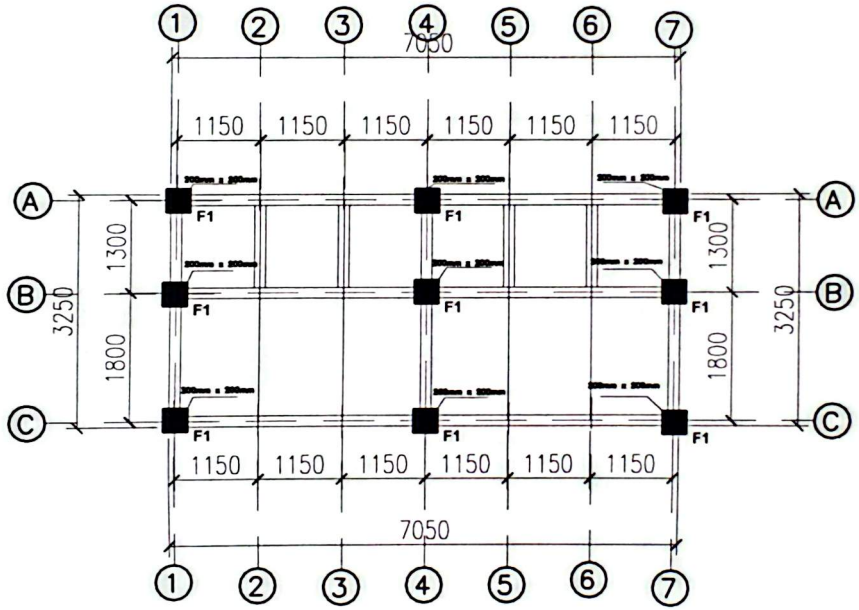
project: CONSTRUCTION OF 1NO. 4UNIT TOILET WITH 2 UNIT URINAL	sheet no. 7
client:	
description: As shown	Designed: / Drawn by: / Date: / Scale: 1 : 100

CamScanner

EXPIRY 01/2027

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Reg No. PET 05821
Date: 21/08/2026



R.C COLUMN LAYOUT

NOTES

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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

RC ROOF BEAMS ARRANGEMENTS

Engr. LUKEMAN KANZONI
(PET IET GH)
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Reg No. PET 05821
Date: 24/08/2026

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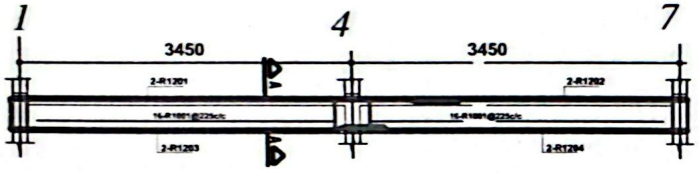
EXPIRY 01/2027

NOTES

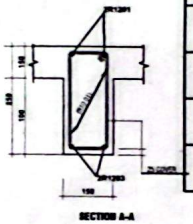
Do not scale from drawings.
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project:	CONSTRUCTION OF 1 NO. 4 UNIT TOILET WITH 2 UNIT URINAL
sheet no.	9
client:	
description	Designed:
	Drawn by:

CamScanner



BEAM ON GRID LINE A,B &,C(3 Nos.)



SECTION A-A

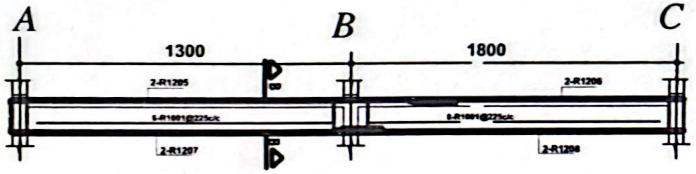
BENDING SCHEDULE

NO	DIA.	QTY.	LENT.	SHAPE
01	10	138	700	
01	12	4	5925	
02	12	4	2475	
03	12	4	4200	
04	12	4	4200	
05	12	4	2888	
06	12	4	6125	
07	12	4	2050	
08	12	4	2550	

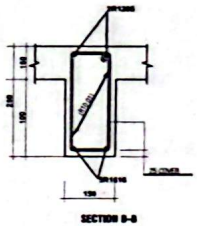
NOTES

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BEAM ON GRID LINE 1,4&7(3 Nos.)



SECTION B-B

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Reg No. PET 05821
Date: 21/05/2026

ROOF BEAM DETAILS

project:	CONSTRUCTION OF 1 NO. 4 UNIT TOILET WITH 2 UNIT URINAL
client:	
description	As shown
Designed:	
Drawn by:	
Date:	Scale: 1 : 100
sheet no.	10