client :

ASUTIFI NORTH DISTRICT ASSEMBLY

project :

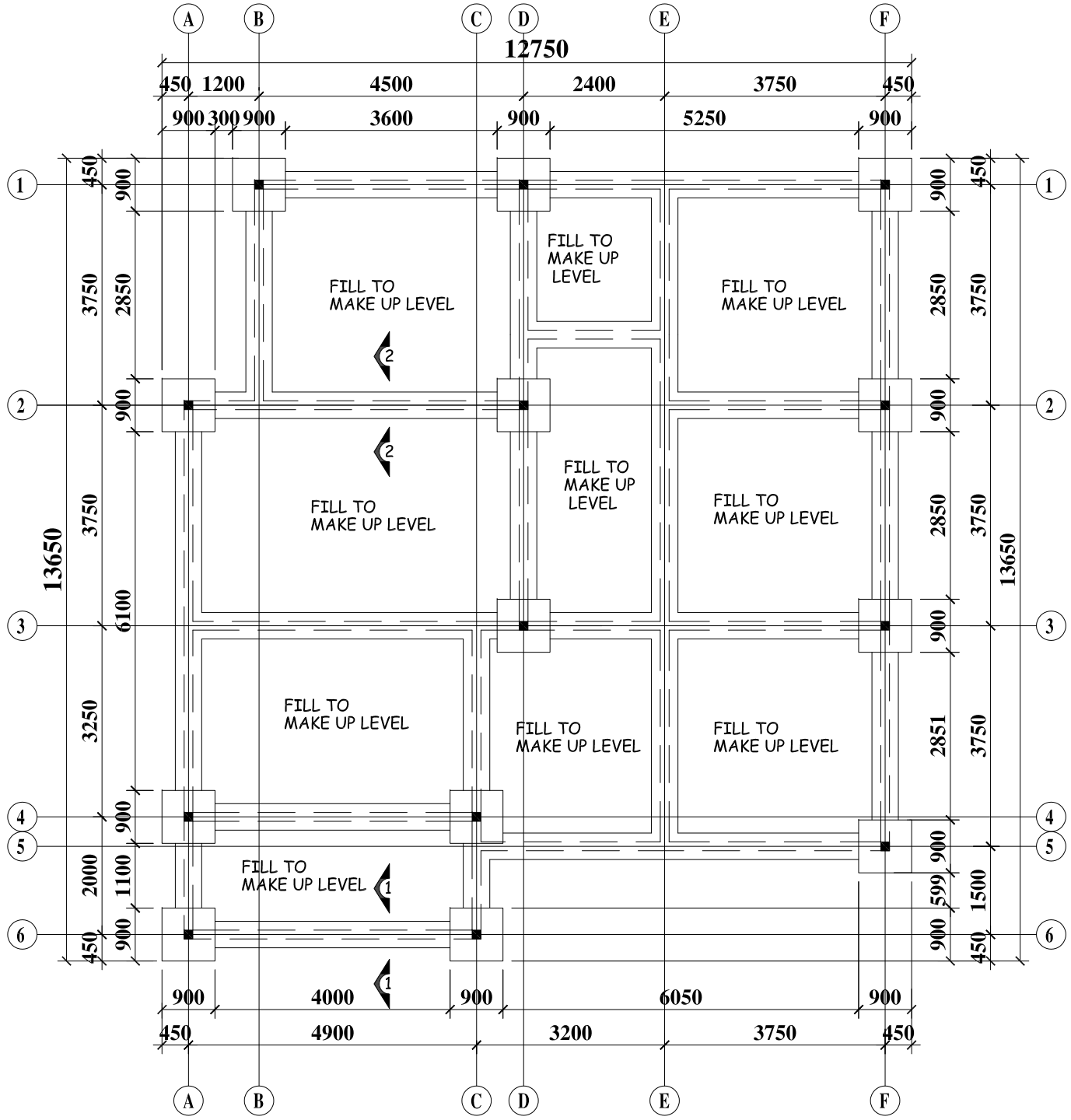
CONSTRUCTION OF PROPOSED 3-BEDROOM BUNGALOW FOR TWEREKU AMPEM SHS

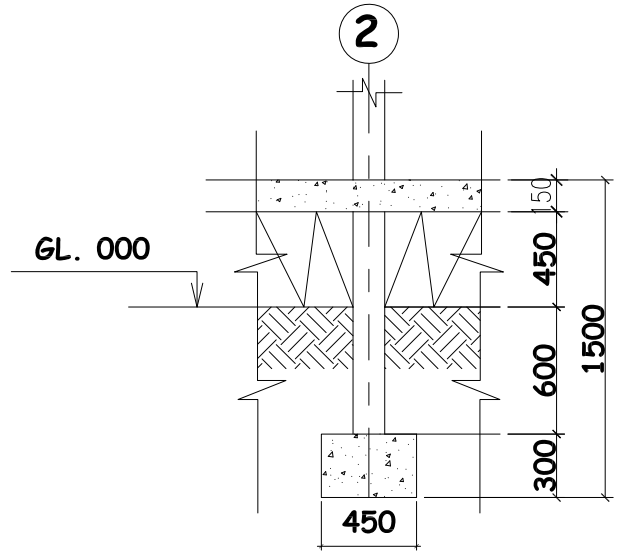
location :

NTOTROSO

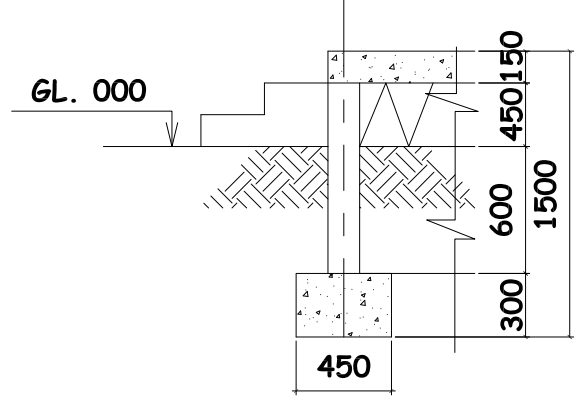
designed by : **WORKS DEPARTMENT**

date : **OCTOBER, 2026**





DETAIL. G-G
scale - 1:25



DETAIL. 5-5
scale - 1:25

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

STR. No. 01

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

CLIENT: A. N. D. A.

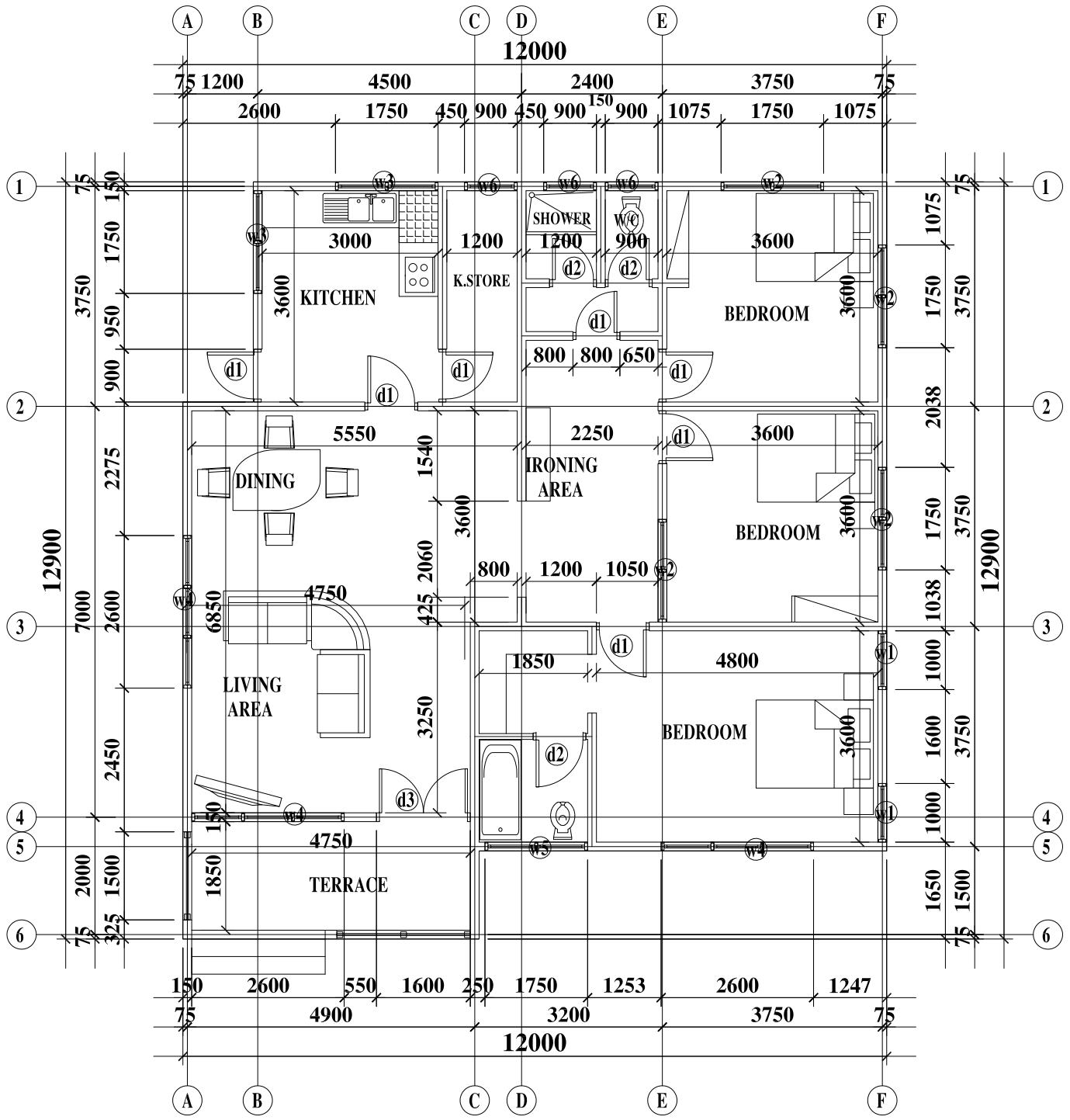
SHEET TITLE: FOUNDATION & FOOTINGS

DWN BY: JONES

JOB No: KKKA-10-26

SCALE : 1 - 100
1 - 25

DATE:OCT,2026



GROUND FLOOR PLAN

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

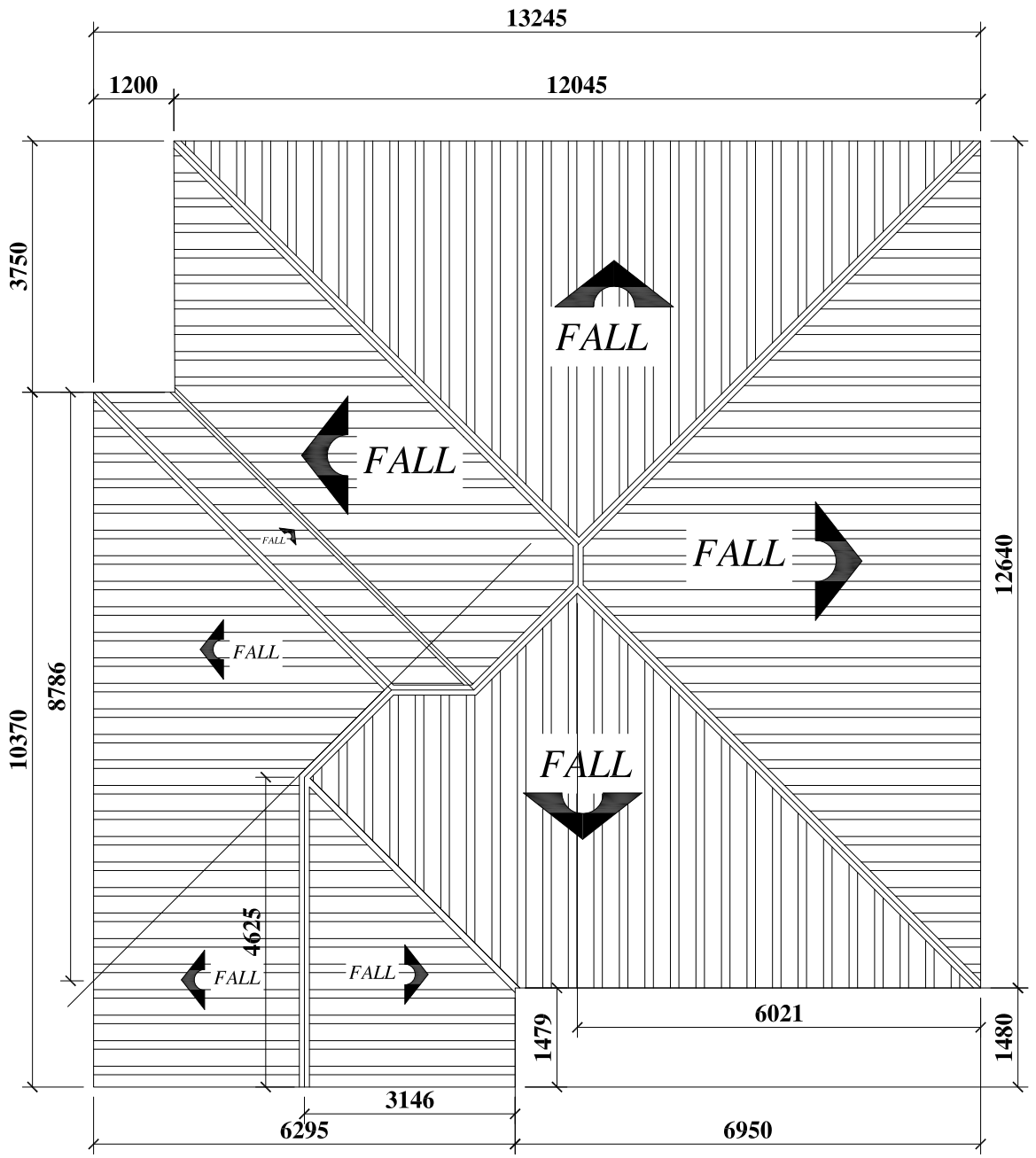
STR. No. 02

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

CLIENT: A. N. D. A.

SHEET TITLE: GROUND FLOOR PLAN

DWN BY: JONES		JOB No: KKKA-10-26
SCALE : 1 - 100		DATE:OCT,2026



ROOF PLAN

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

STR. No. 04

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

CLIENT: A. N. D. A.

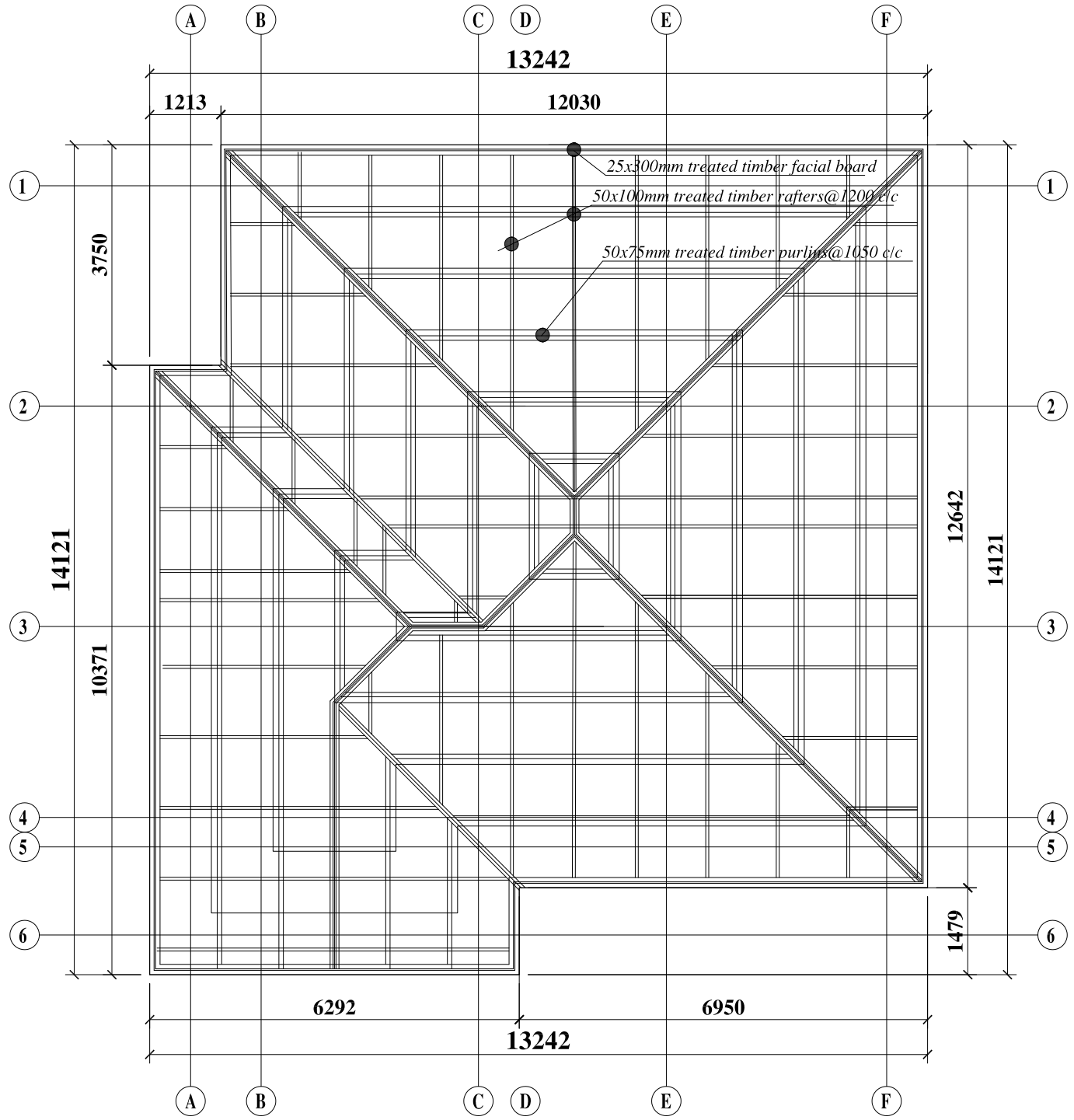
SHEET TITLE: ROOF PLAN

DWN BY: JONES

JOB No: KKKA-10-26

SCALE : 1 - 100

DATE:OCT,2026



ROOFING ARRANGEMENT

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

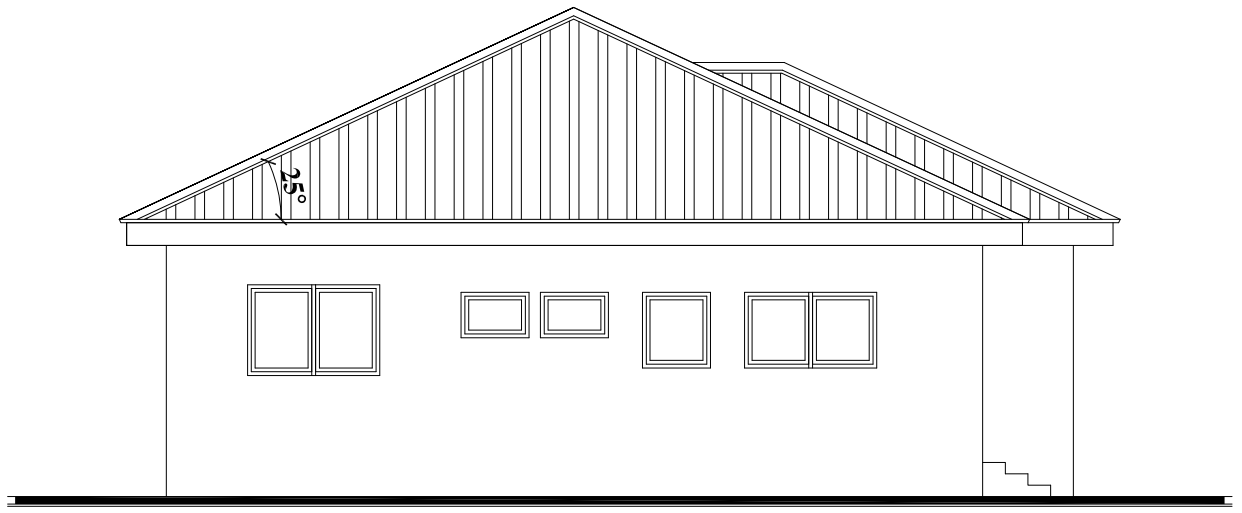
STR. No. 03

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

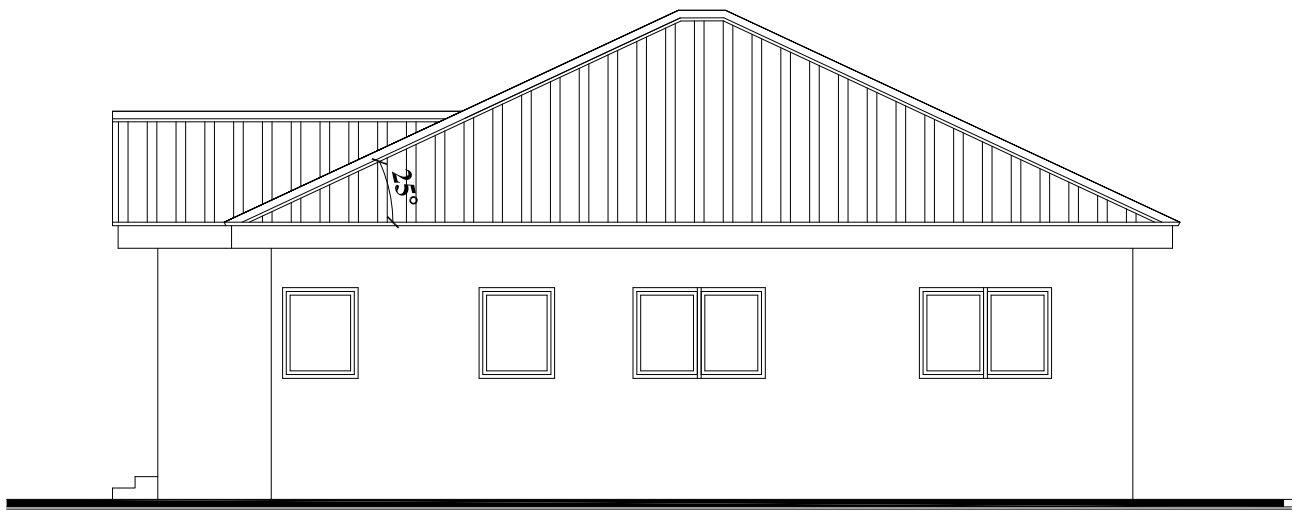
CLIENT: A. N. D. A.

SHEET TITLE: ROOFING PLAN

DWN BY: JONES		JOB No: KKKA-10-26
SCALE : 1 - 100		DATE:OCT,2026



BACK ELEVATION



RIGHT ELEVATION

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

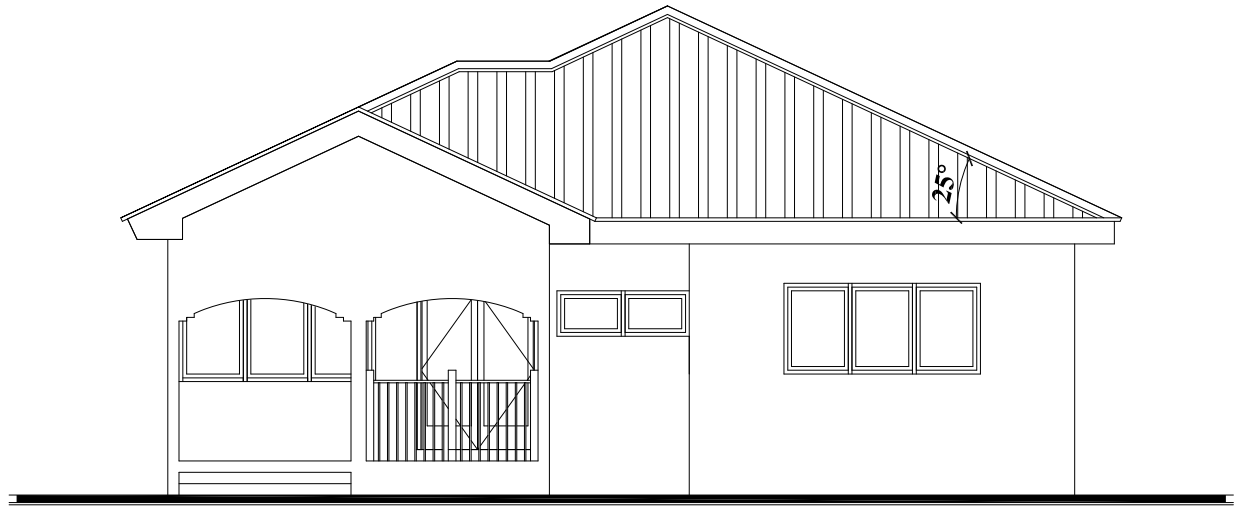
STR. No. 06

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

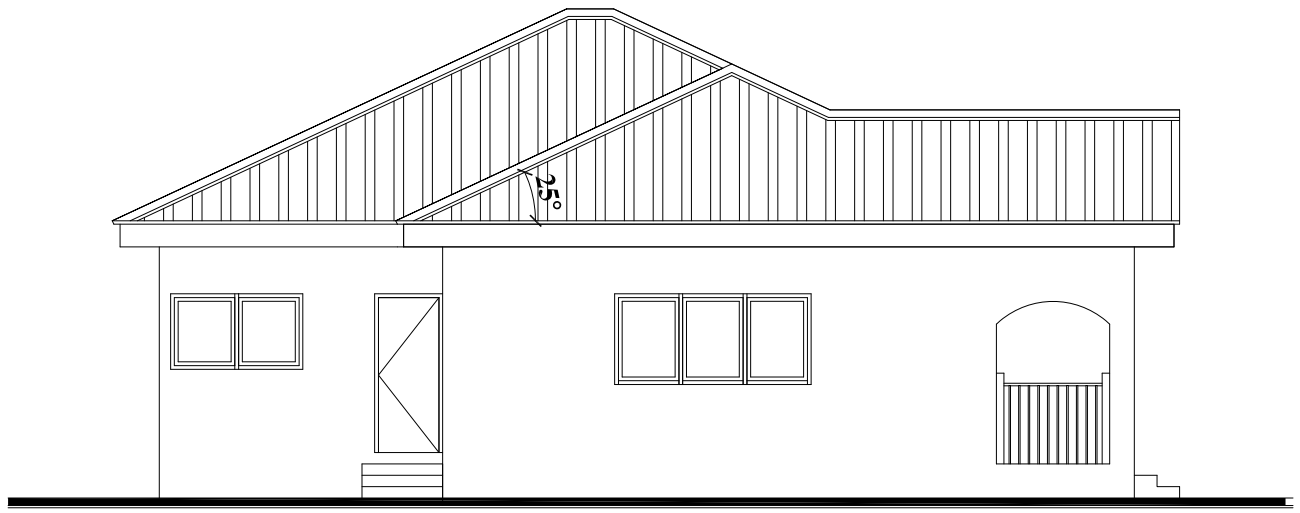
CLIENT: A. N. D. A.

SHEET TITLE:

DWN BY: JONES		JOB No: KKKA-10-26
SCALE : 1 - 100		DATE:OCT,2026



FRONT ELEVATION



LEFT ELEVATION

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

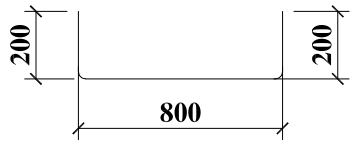
STR. No. 05

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

CLIENT: A. N. D. A.

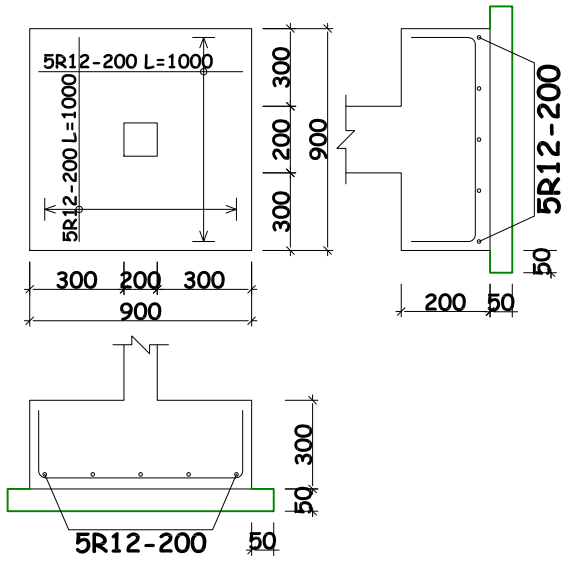
SHEET TITLE: FOUNDATION & FOOTINGS

DWN BY: JONES		JOB No: KKKA-10-26
SCALE : 1 - 100		DATE:OCT,2026

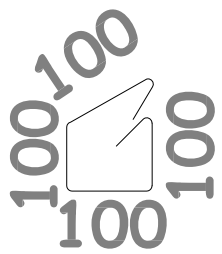


QTY = 130

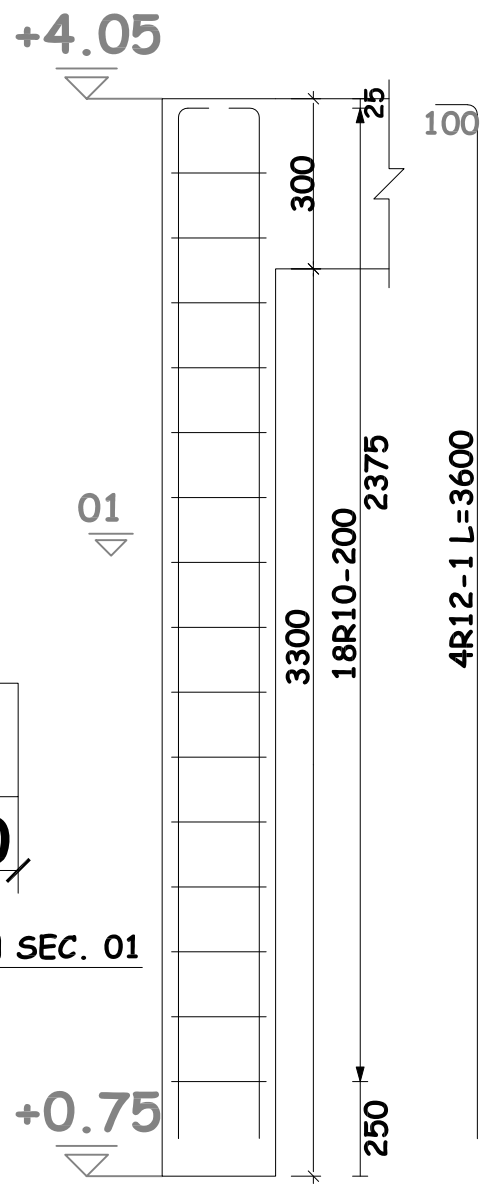
BAR SCHEDULES



R/C. COLUMN BASE TYPE 1
(scale 1:25) 13 No. thus

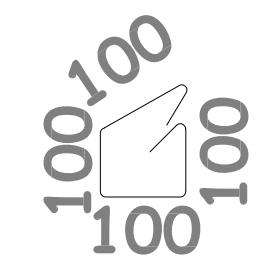


10R10-3-175
L=500

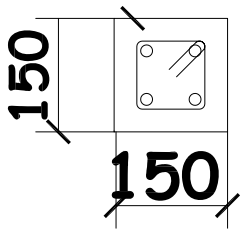


COLUMN SEC. 01

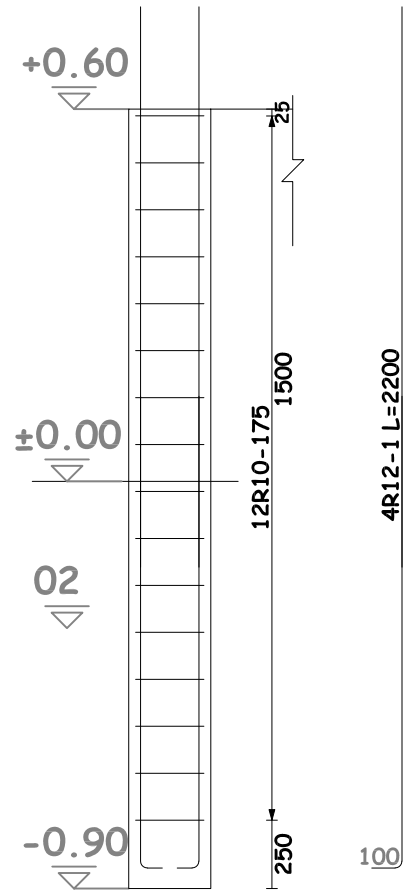
R/C. COLUMN TYPE 1
(scale 1:25) 13 No. thus



10R10-3-175
L=500



COLUMN SEC. 02



R/C. COLUMN TYPE 1
(scale 1:25) 13 No. thus

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

STR. No. 08

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

CLIENT: A. N. D. A.

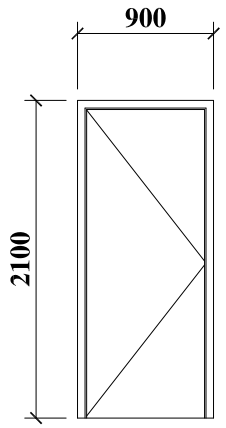
SHEET TITLE: FOUNDATION FOOTINGS & COLUMN DETAILS

DWN BY: JONES

SCALE : 1 - 100
1 - 25

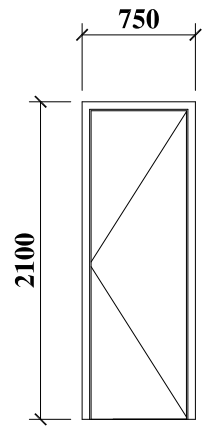
JOB No: KKKA-10-26

DATE:OCT,2026



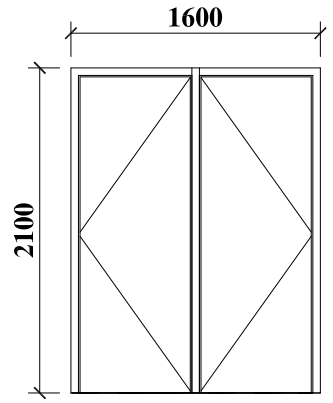
D1

QTY = 07



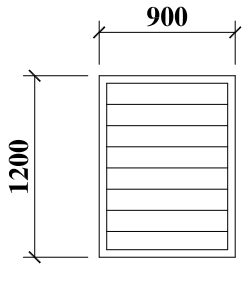
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QTY = 03



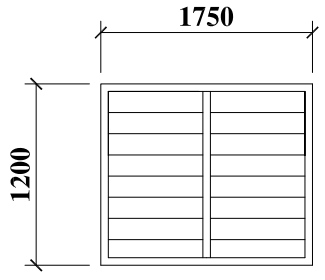
D3

QTY = 01



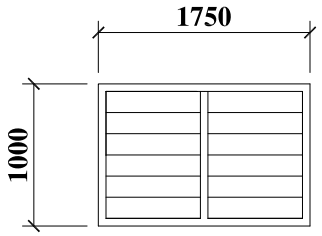
W1

QTY = 02



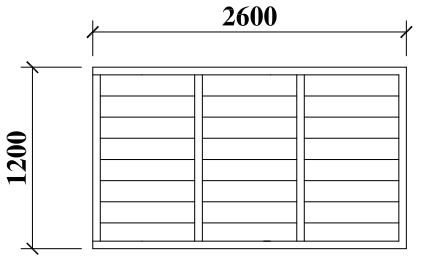
W2

QTY = 04



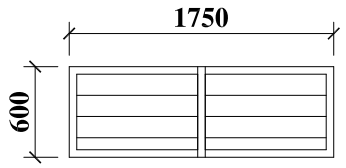
W3

QTY = 02



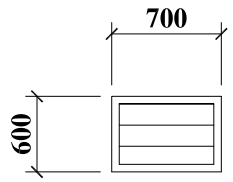
W4

QTY = 03



W5

QTY = 01



W6

QTY = 2

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

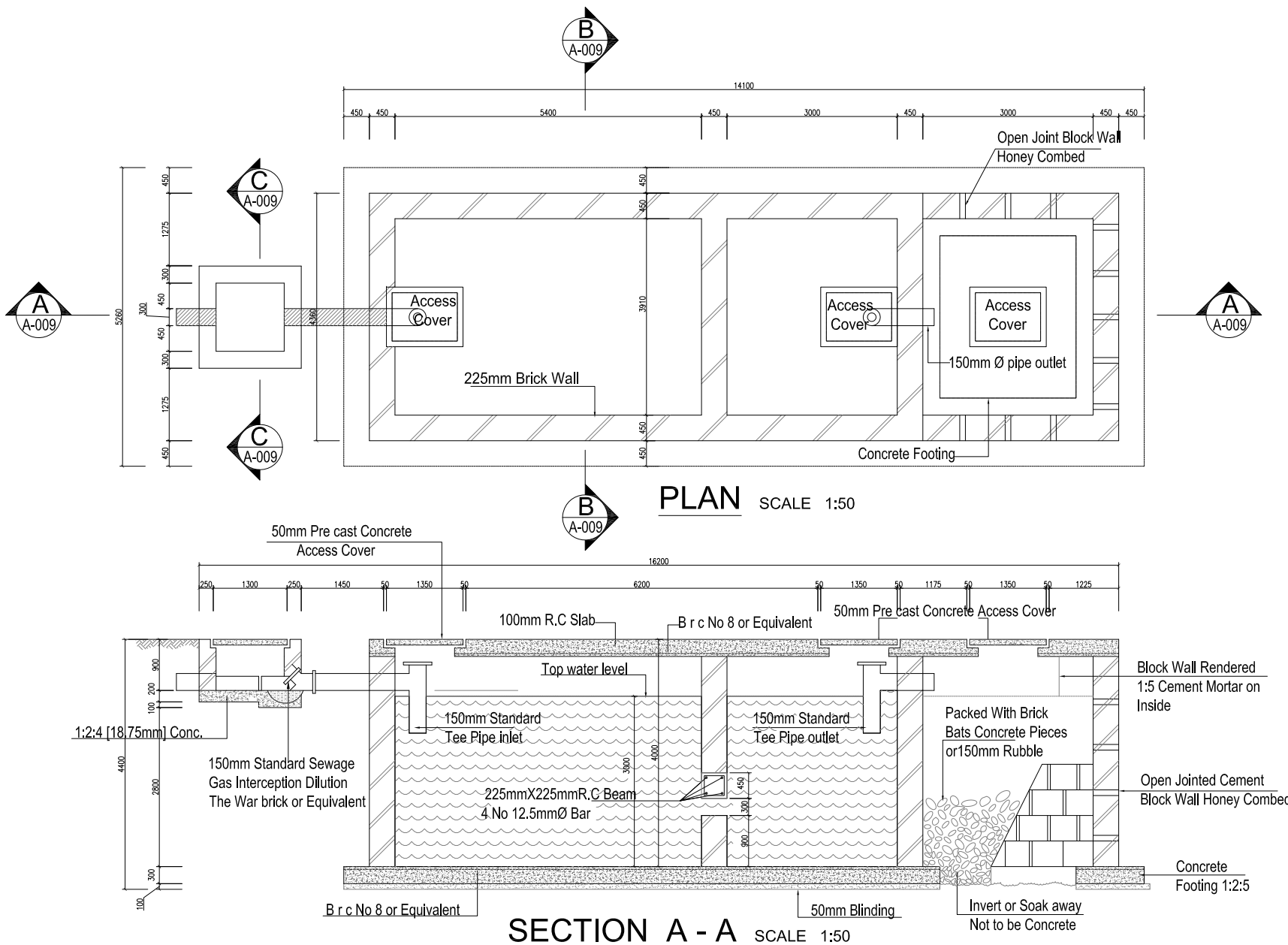
STR. No. 07

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

CLIENT: LAMNA D. A.

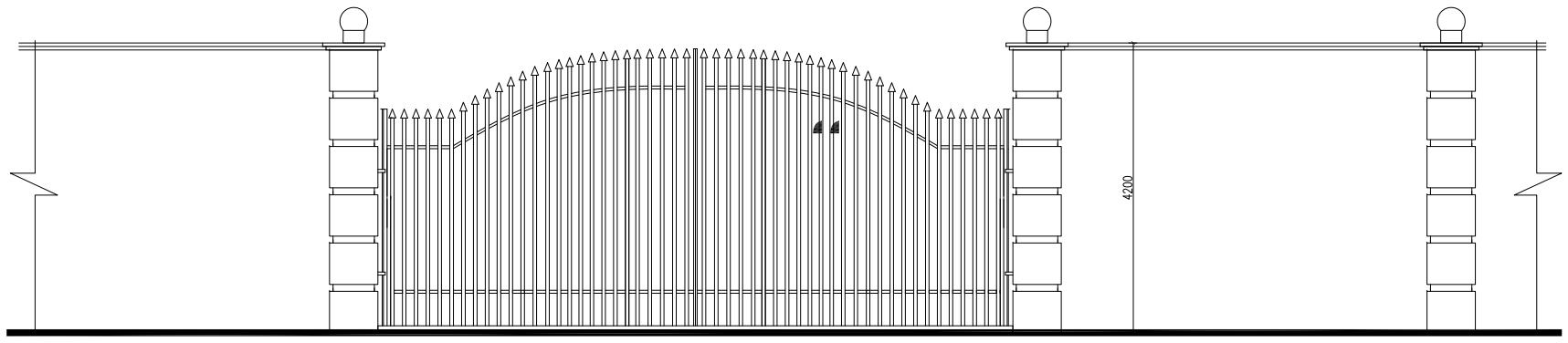
SHEET TITLE: DOORS & WINDOWS SCHEDULE

DWN BY: JONES		JOB No: KKKA-10-26
SCALE : 1 - 50		DATE:OCT,2026

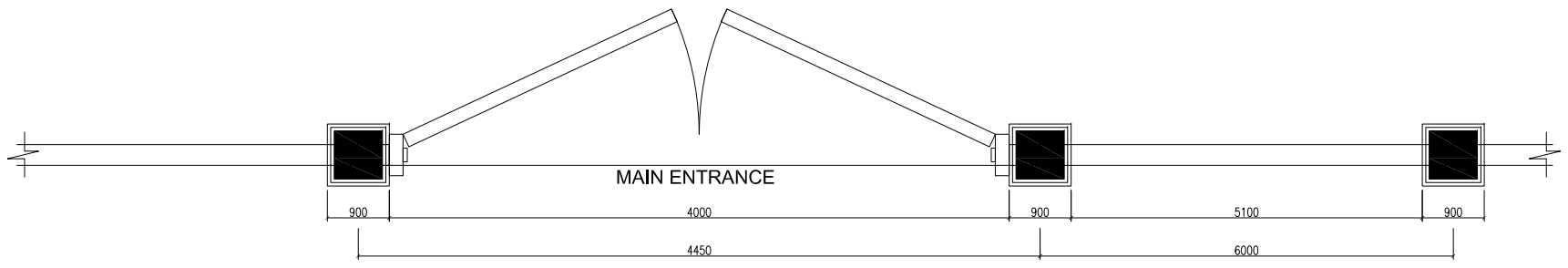


PLAN SCALE 1:50

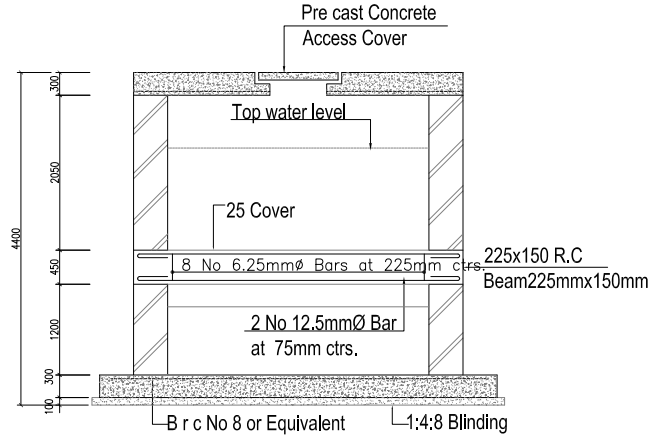
SECTION A - A SCALE 1:50



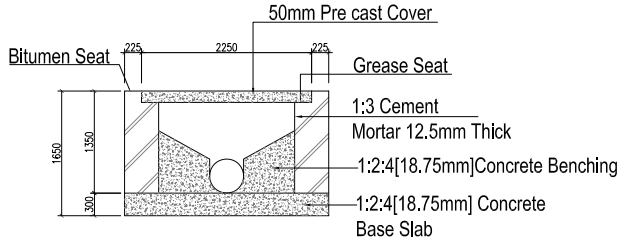
ELEVATION SCALE 1:50



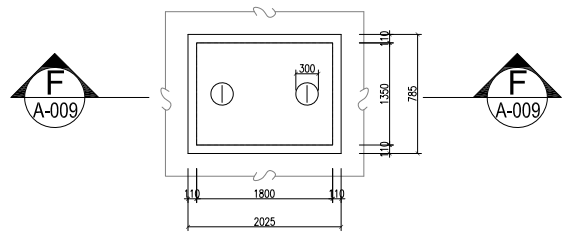
FENCE WALL PLAN SCALE 1:50



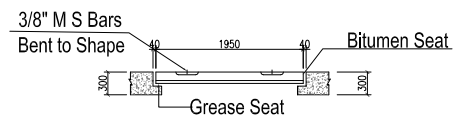
SECTION B - B SCALE 1:50
(DETAIL OF MANHOLE)



SECTION C - C SCALE 1:50
(DETAIL OF EFFLUENT MANHOLE)



PLAN SCALE 1:50



SECTION F - F SCALE 1:50
(DETAIL OF PRECAST R.C. ACCESS COVER)

STANDARD DIMENSIONS FOR SEPTIC TANK				
USER CAPACITY	DIGESTION CHAMBER		LEACHING CHAMBER	
No OF PERSONS	LENGTH	WIDTH	LENGTH	WIDTH
10 - 14	2.1m	1.05m	1.05m	1.05m
15 - 20	2.4m	1.2m	1.2m	1.2m
21 - 25	2.7m	1.2m	1.35m	1.35m
26 - 30	2.85m	1.35m	1.43m	1.4m
31 - 35	3.0m	1.5m	1.5m	1.5m
36 - 40	3.15m	1.58m	1.58m	1.58m

NOTES

1. air should be excluded from tank to encourage growth of anaerobic bacteria required to liquefy the sludge and facilitate flow of effluent

2. accumulated gases are expected to be expelled through vent at least 600mm above eaves with open ends protected against nesting birds

3. drain should be giving sufficient fall (e.g 1 in 40 for 100mm Ø pipe)

4. joints should be properly made to prevent blocking of the aperture

5. septic tank must be constructed in concrete with the top at least 150mm above ground level

6. overall depth of septic tank below ground level is determined by the inlet and shall not be less than 1800mm the depth below inlet level shall also be 1400 - 1500mm and any case not less than 1200mm

7. baffle screens must be provided to prevent direct flow between inlet and outlet

8. septic tank should be open every six months and depth of top crust ascertained if this exceeds 30cm surplus should be removed and buried

9. septic tank must be at least 30 metres from any water body which be used for domestic purposes and at sufficient height not to allow for any pollution through the soil to such a body.

11. 139 10.The walls of a septic tank shall be of concrete,plain or reinforced of at least 150mm thick or concrete mix C or of burnt brick work of at least 150mm thick set in mortar mix D

12. The floor of a septic tank shall be of concrete mix D
at least 150mm thick and slope to a gradient of not less than one in twenty downwards towards the inlet pipe.

13. All inside surfaces of a septic tank shall be made smooth with mortar mix C

10. The dimensions of one compartment of a septic tank shall be such that the total length is at least four times the width and where the tank is divided into two compartments,the length of
the first compartment shall be more than half of the total length of the septic tank.

NO	REVISION		DATE	BY

PROJECT: CONSTRUCTION OF PROPOSED THREE BEDROOM RESIDENCE

STR. No. 09

LOCATION: ON PLOT No. .....BLOCK ..... AT NTOTROSO AHAFO REGION

CLIENT: A. N. D. A.

SHEET TITLE: SEPTIC TANK, SOAKAWAY DETAILS & FENCE WALL DETAILS

DWN BY: JONES

JOB No: KKKA-10-26

SCALE : 1 - 50, 1 - 25

DATE:OCT,2026