

NOTES:

1. ALL DIMENSIONS ARE IN MM.
2. DRAWINGS NOT BE MEASURED, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

AREA STATEMENT:

PLOT AREA = 33.35 ACRE
= 71991.36 SQ. M.

A. BUILT - UP AREA CALCULATION :

a. GROUND FLOOR AREA = 239.31 SQ.M.
b. FIRST FLOOR AREA = 239.31 SQ.M.

TOTAL = 478.62 SQ.M. (A)

B. COMMON AREA CALCULATION :

COMMON AREA (39.60X2) = 79.20 SQ. M. (B)

TOTAL BUILT - UP AREA (A-B) = 399.42 SQ.M.

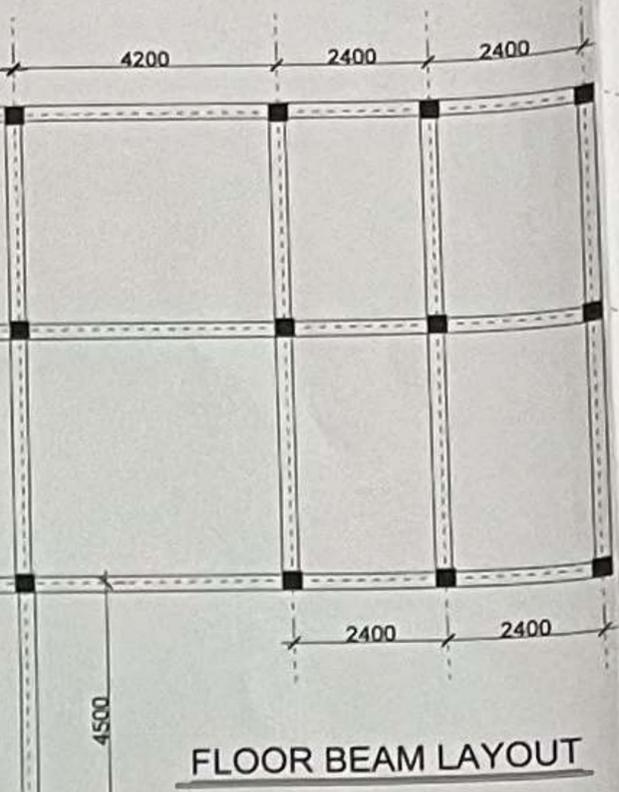
THEREFORE;

$$F. A. R. \text{ ACHIEVED} = \frac{\text{TOTAL BUILT UP AREA}}{\text{PLOT AREA}} \times 100$$

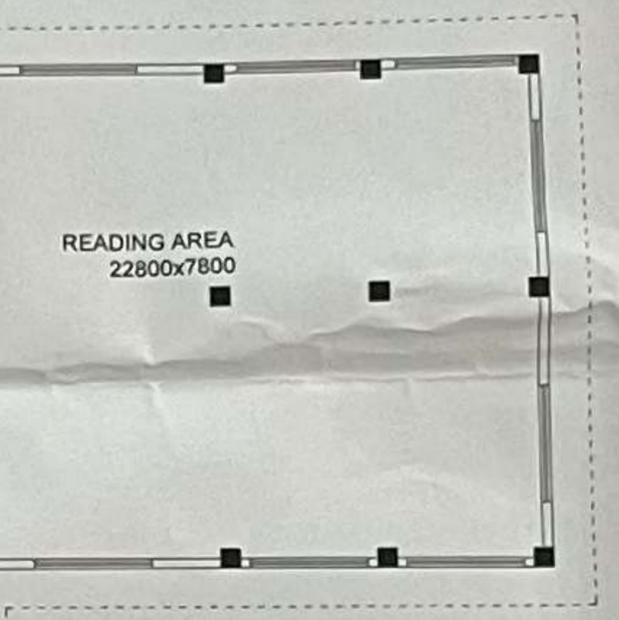
$$= 0.55\%$$

$$\text{GROUND COVERAGE} = \frac{\text{GR. FL. AREA}}{\text{PLOT AREA}} \times 100$$

$$= 0.33\%$$

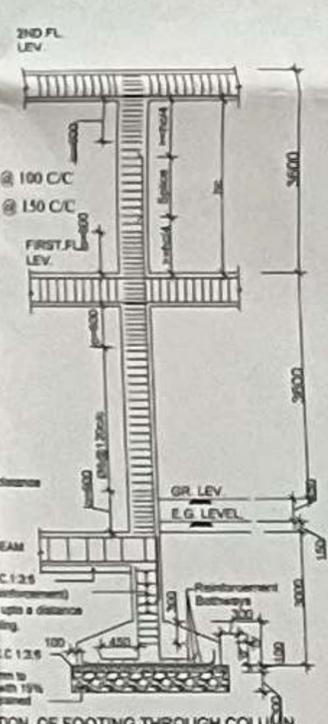


FLOOR BEAM LAYOUT

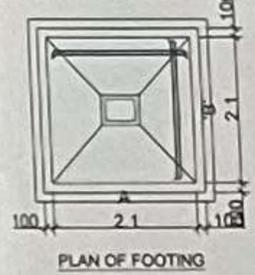


FIRST FLOOR PLAN
SCALE:1:100

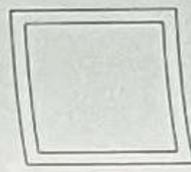
Approved
[Signature]
Chairman
Mangaldai Development Authority
District - Darrang (Assam)



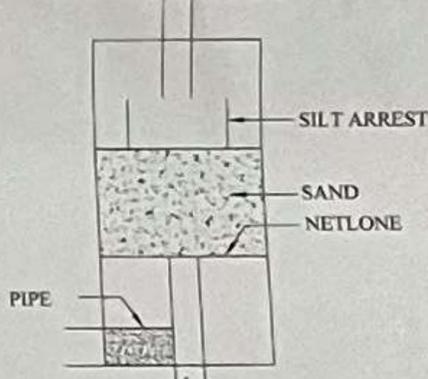
SECTION OF FOOTING THROUGH COLUMN



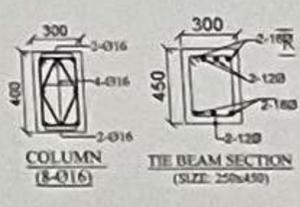
PLAN OF FOOTING



PLAN OF FILTRATION TANK [R.W.H.T.]

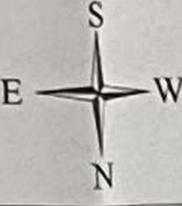
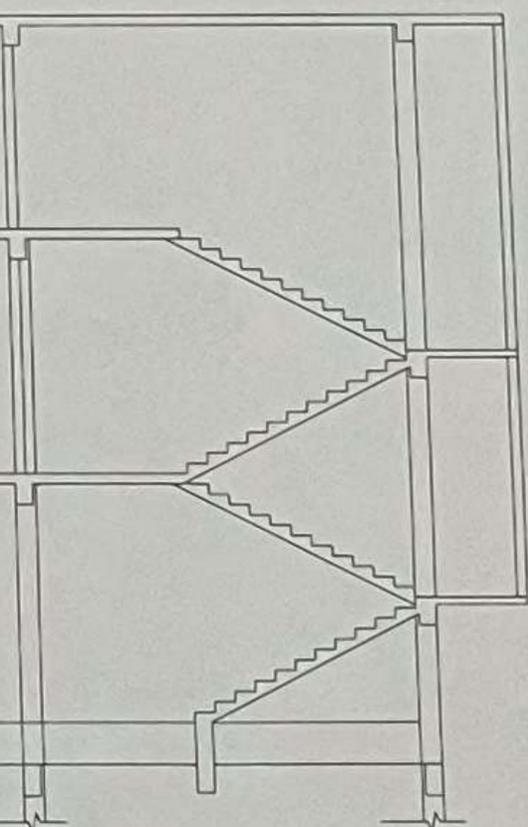


FILTRATION TANK DETAIL [R.W.H.T.] PERCOLATION PIT



COLUMN (8-016) and TIE BEAM SECTION (SIZE: 250x450)

[Signature]
Zonal Engineer
Mangaldai Dev. Authority



LAND PROFILE
DIST:- DARRANG
ASSAM

PROJECT:-
CONSTRUCTION OF G+1 RCC CENTRAL LIBRARY (L3)
BUILDING FOR
MANGALDAI COLLEGE
DIST:-DARRANG, ASSAM

CLIENT: MANGALDAI COLLEGE

SIGNATURE OF OWNER: *[Signature]*

DRAWING TITLE: APPROVAL DRAWING

JOB NO:	A-12
DRG NO:	AD-01
SCALE:	1:100 & 1:200
DRAWN BY:	LAKHYA JYOTI CHALIHA
DATE:	20-03-2025

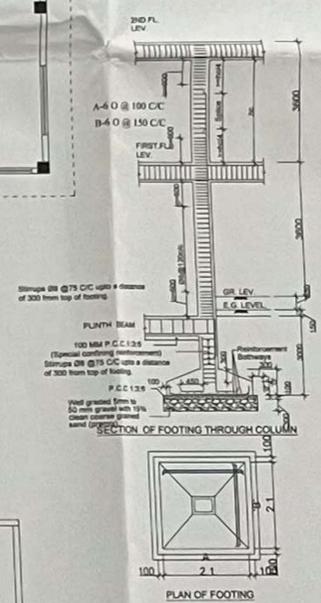
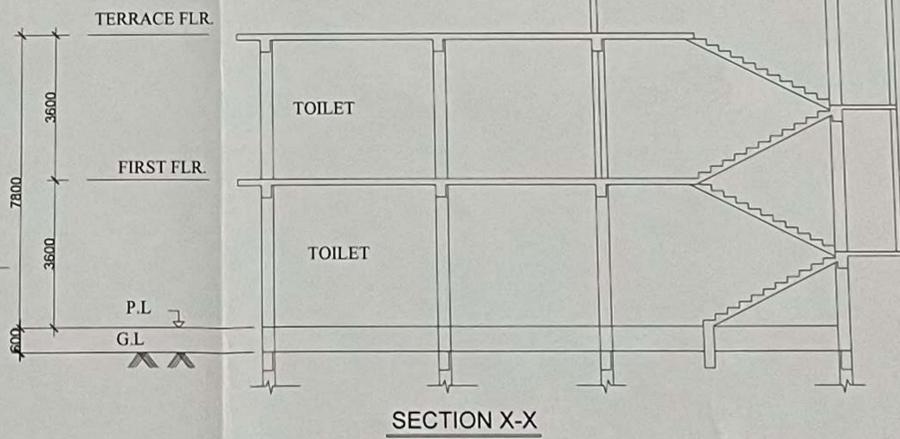
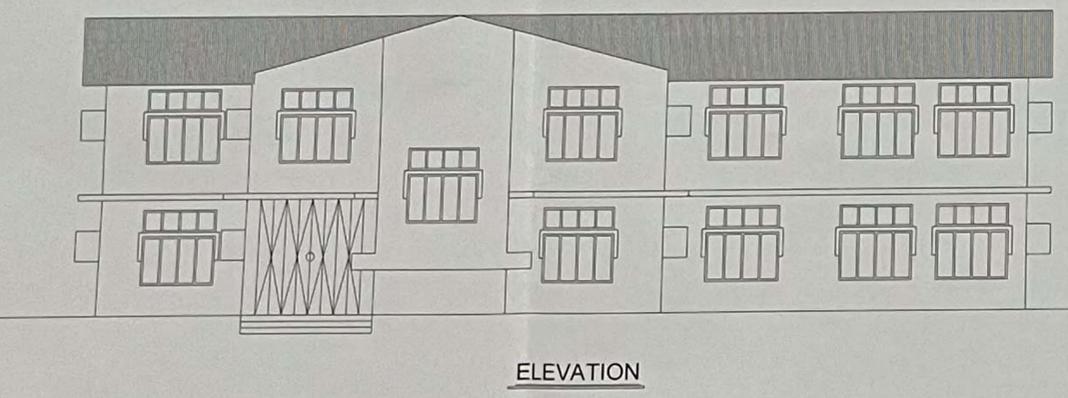
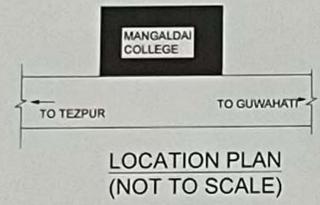
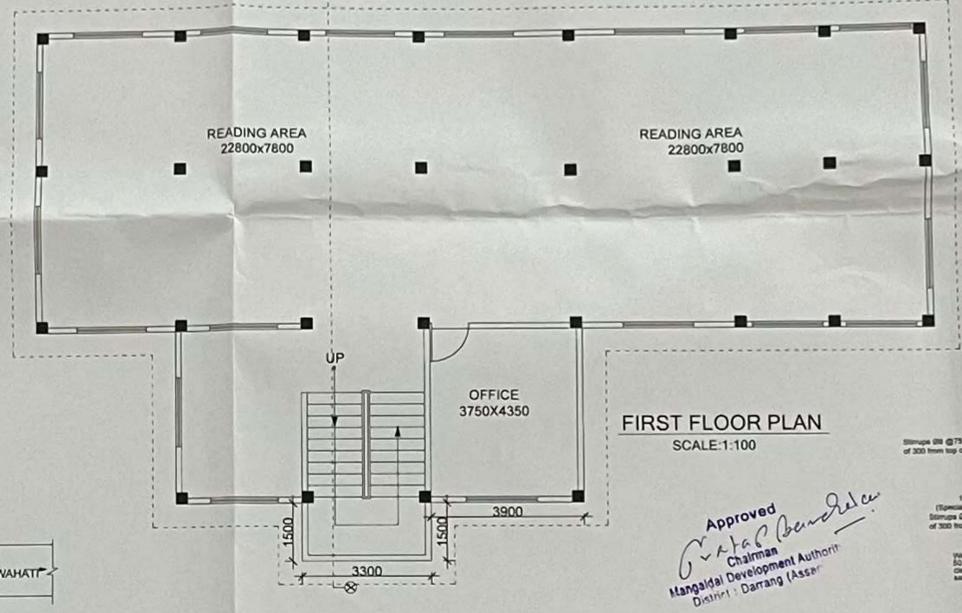
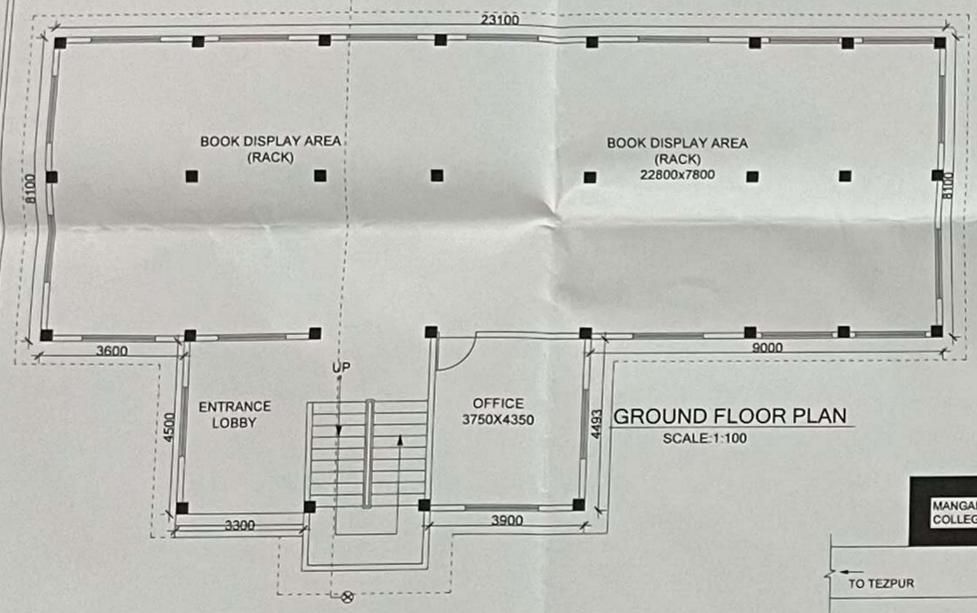
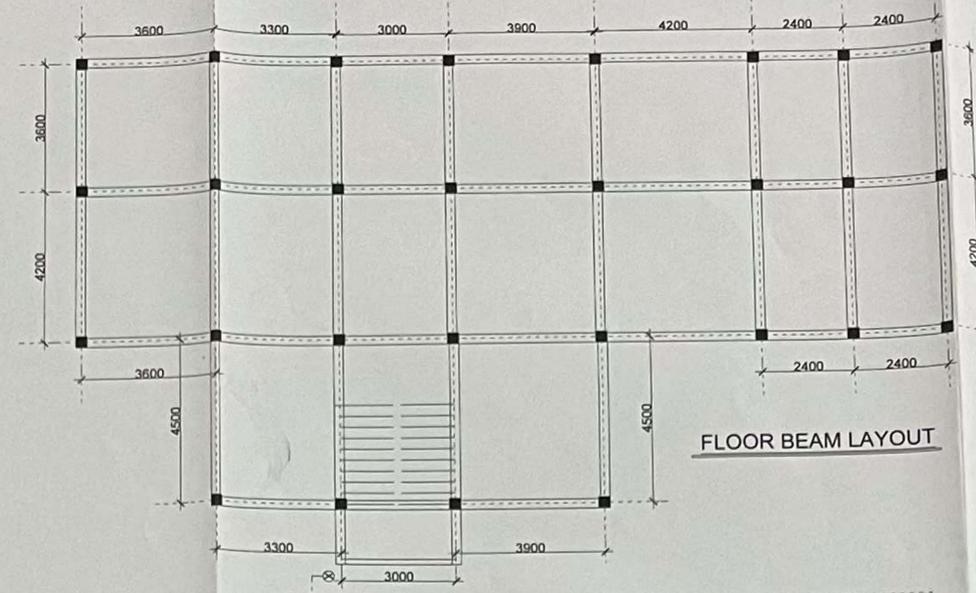
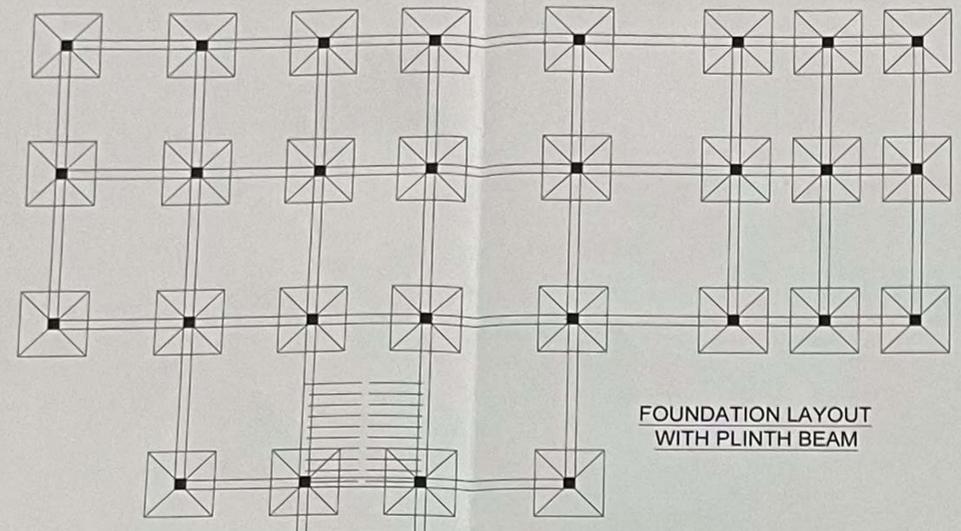
CHKD BY:
[Signature]
Er. Lakhyajoti Chaliha (R.E. Cat)
Regd. No. ZADAREC20_21

NOTES:
 1. ALL DIMENSIONS ARE IN MM.
 2. DRAWINGS NOT BE MEASURED, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

AREA STATEMENT:
 PLOT AREA = 33.35 ACRE = 71991.36 SQ. M.
A. BUILT - UP AREA CALCULATION :
 a. GROUND FLOOR AREA = 239.31 SQ.M.
 b. FIRST FLOOR AREA = 239.31 SQ.M.
TOTAL = 478.62 SQ.M. (A)

B. COMMON AREA CALCULATION :
 COMMON AREA (39.60X2) = 79.20 SQ. M. (B)
TOTAL BUILT - UP AREA (A-B) = 399.42 SQ.M.

THEREFORE:
 F. A. R. ACHIEVED = $\frac{\text{TOTAL BUILT UP AREA}}{\text{PLOT AREA}} \times 100$
 = 0.55%
 GROUND COVERAGE = $\frac{\text{GR. FL. AREA}}{\text{PLOT AREA}} \times 100$
 = 0.33%



Approved
 Chairman
 Mangaldai Development Authority
 District - Darrang (Assam)

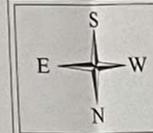
Zonal Engineer
 Mangaldai Dev. Authority

PROJECT:-
 CONSTRUCTION OF G+1 RCC CENTRAL LIBRARY (L3)
 BUILDING FOR
 MANGALDAI COLLEGE
 DIST-DARRANG, ASSAM

CLIENT: MANGALDAI COLLEGE

SIGNATURE OF OWNER: *[Signature]*

DRAWING TITLE: APPROVAL DRAWING		CHKD BY: <i>[Signature]</i>
JOB NO.:	A-12	
DRG NO.:	AD-01	E. Lakshmi Chitra B.E. (C) Regd. No. 2300302025
SCALE:	1:100 & 1:200	
DRAWN BY:	LAKHYA JYOTI CHALHA	
DATE:	20-03-2025	



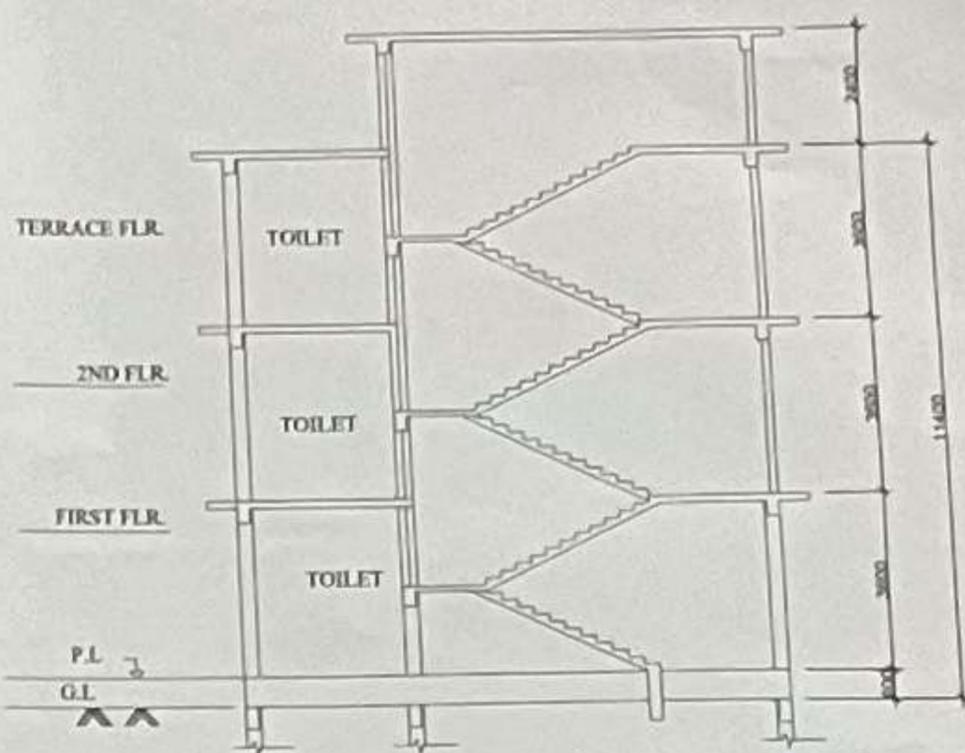
LAND PROFILE
 DIST - DARRANG
 ASSAM

NOTES

1. ALL DIMENSIONS ARE IN MM
2. DRAWINGS NOT BE MEASURED.
ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

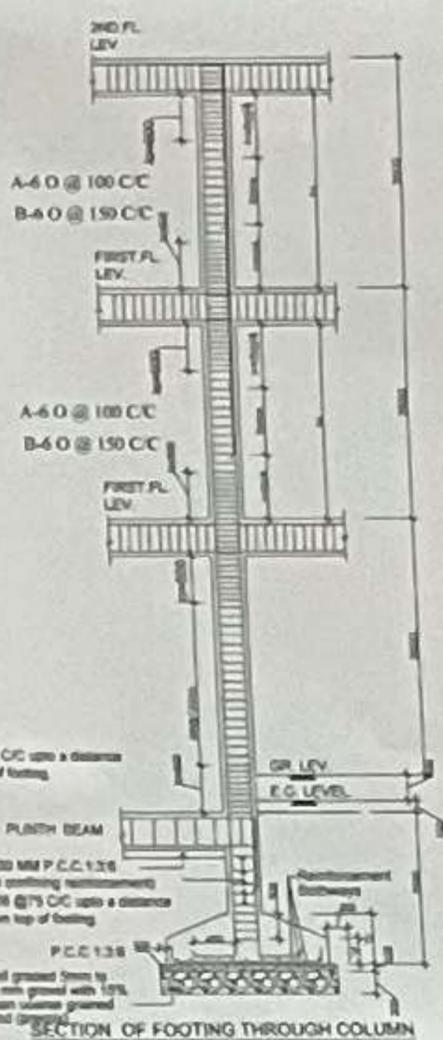
AREA STATEMENT

PLOT AREA	= 33.35 ACRE = 71991.39 SQ. M
A. BUILT - UP AREA CALCULATION	
a. GROUND FLOOR AREA	= 786.24 SQ. M
b. FIRST FLOOR AREA	= 786.24 SQ. M
b. SECOND FLOOR AREA	= 786.24 SQ. M
TOTAL	= 2358.72 SQ. M (A)
B. COMMON AREA CALCULATION	
COMMON AREA (109.79X3)	= 329.37 SQ. M (B)
TOTAL BUILT - UP AREA (A-B)	= 2029.35 SQ. M
THEREFORE,	
F. A. R. ACHIEVED	$= \frac{\text{TOTAL BUILT UP AREA}}{\text{PLOT AREA}} \times 100$ $= 2.81 \%$
GROUND COVERAGE	$= \frac{\text{GR. FL. AREA}}{\text{PLOT AREA}} \times 100$ $= 1.09 \%$

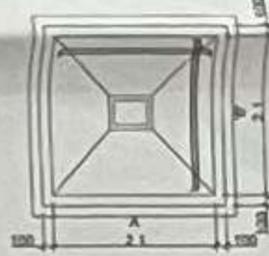


SECTION X-X

Approved
Pratibha Deka
Chairman
Municipal Development Authority
District - Darrang (Assam)



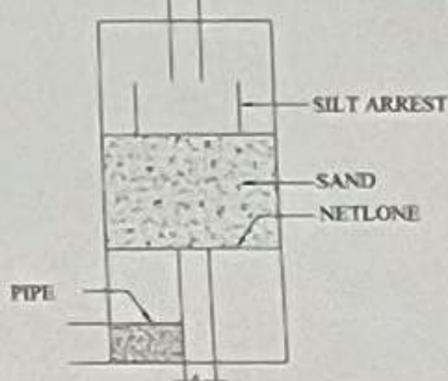
SECTION OF FOOTING THROUGH COLUMN



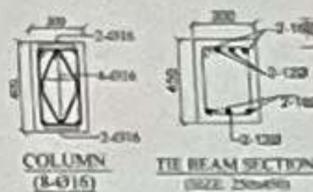
PLAN OF FOOTING



PLAN OF FILTRATION TANK [R.W.H.T.]



FILTRATION TANK DETAIL [R.W.H.T.] PERCOLATION PIT



COLUMN (8-Ø16) TIE BEAM SECTION (SIZE: 250x175)



LOCATION PLAN (NOT TO SCALE)

- R.W.H.T. = RAIN WATER HARVESTING TANK
- CP = CAR PARKING
- S.T. = SEPTIC TANK
- S.P. = SOAK PIT
- D.B. = DIST. BIN

SLAB THICKNESS 150 UNLESS SPECIFIED.
SLAB REINFORCEMENT Ø@120 CC UNLESS SPECIFIED.

AD
Zonal Engineer
Municipal Dev. Authority

PROJECT:-
CONSTRUCTION OF G+2 RCC NEW SCIENCE BLOCK (J BLOCK) BUILDING FOR MANGALDAI COLLEGE DIST-DARRANG, ASSAM

CLIENT: MANGALDAI COLLEGE

SIGNATURE OF OWNER: *K*

DRAWING TITLE: APPROVAL DRAWING

JOB NO.: A-12

DRG NO.: AD-01

SCALE: 1:100 & 1:200

DRAWN BY: LAKHYA JYOTI CHALIHA

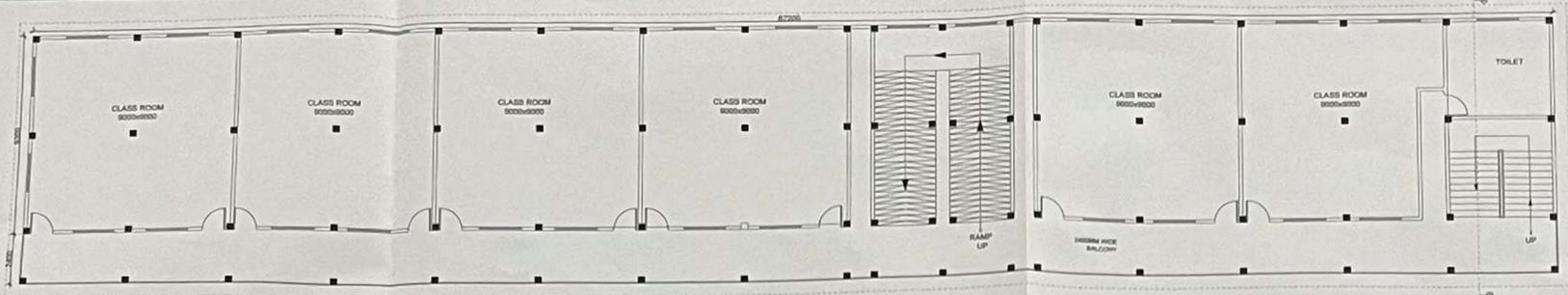
DATE: 20-03-2025

CHKD BY:

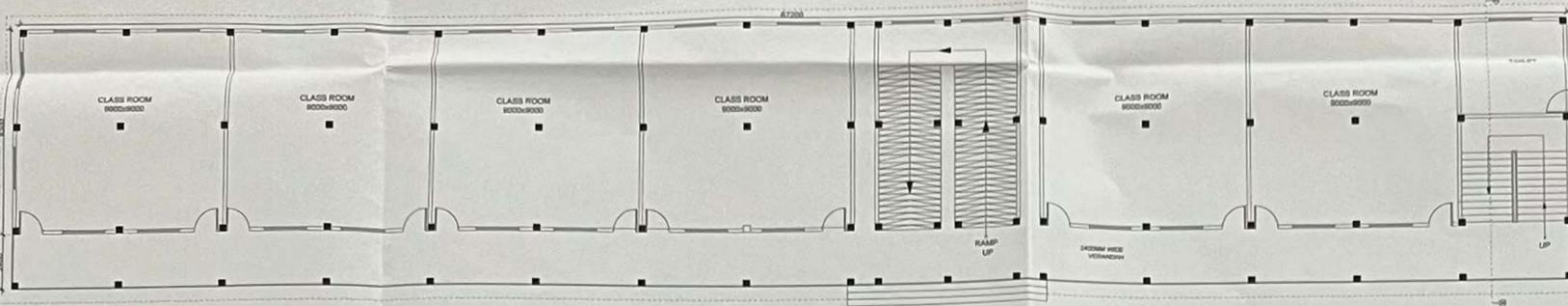
L
B. Lakshmi Chatterjee B.E. Dip
Dist. DARRANG



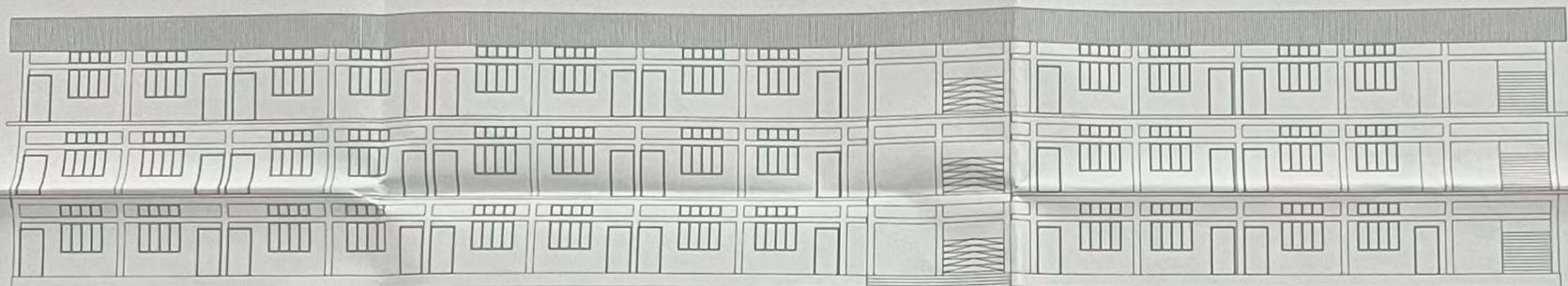
LAND PROFILE
DIST - DARRANG
ASSAM



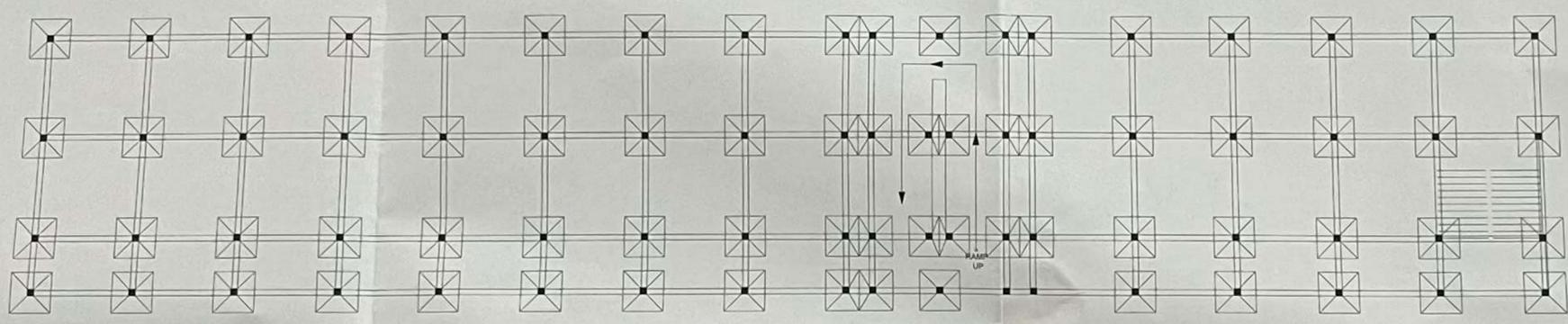
TYPICAL FIRST & SECOND FLOOR PLAN
SCALE: 1:100



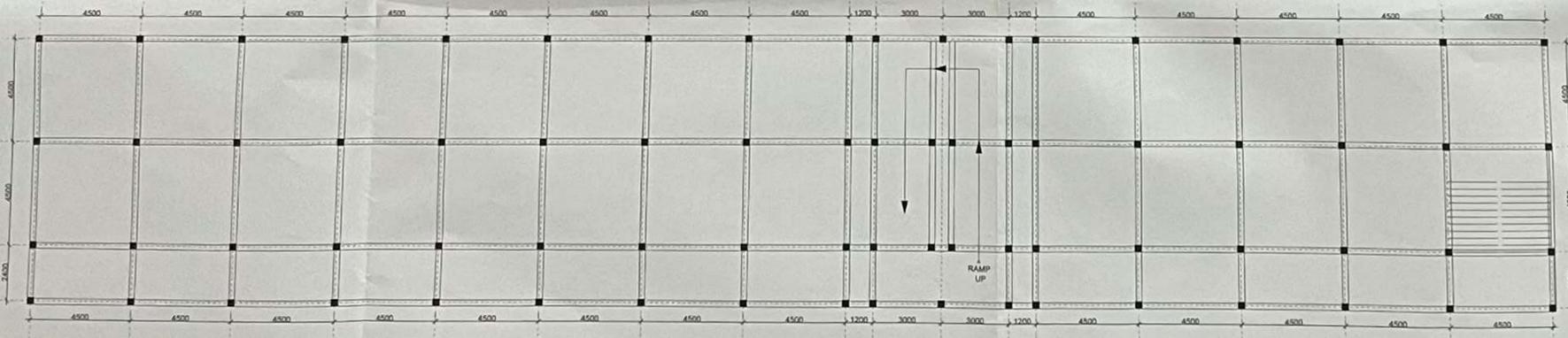
GROUND FLOOR PLAN
SCALE: 1:100



ELEVATION



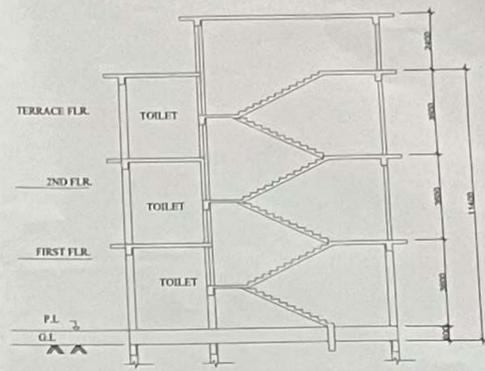
FOUNDATION LAYOUT WITH PLINTH BEAM



FLOOR BEAM LAYOUT

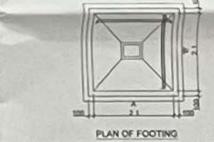
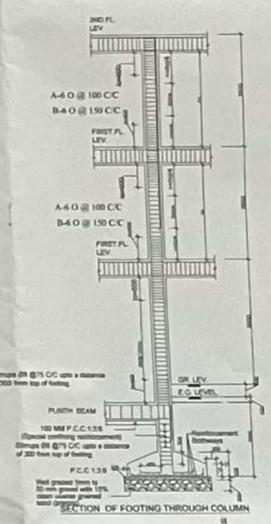
NOTES
 1. ALL DIMENSIONS ARE IN MM
 2. DRAWINGS NOT BE MEASURED.
 ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

AREA STATEMENT
 PLOT AREA = 33.35 ACRE = 71991.36 SQ. M
A. BUILT - UP AREA CALCULATION
 a. GROUND FLOOR AREA = 786.24 SQ. M
 b. FIRST FLOOR AREA = 786.24 SQ. M
 c. SECOND FLOOR AREA = 786.24 SQ. M
 TOTAL = 2358.72 SQ. M (A)
B. COMMON AREA CALCULATION
 COMMON AREA (109.79X3) = 329.37 SQ. M (B)
 TOTAL BUILT - UP AREA (A+B) = 2629.35 SQ. M
 THEREFORE:
 F. A. R. ACHIEVED = $\frac{\text{TOTAL BUILT UP AREA}}{\text{PLOT AREA}} \times 100$
 = 2.81 %
 GROUND COVERAGE = $\frac{\text{GR. FL. AREA}}{\text{PLOT AREA}} \times 100$
 = 1.09 %

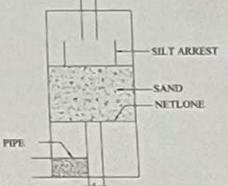


SECTION X-X

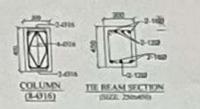
Approved
[Signature]
 Chairman
 Municipal Development Authority
 District - Darrang (Assam)



PLAN OF FILTRATION TANK [R.W.H.T.]



FILTRATION TANK DETAIL [R.W.H.T.] PERCOLATION PIT



PLAN OF COLUMN



LOCATION PLAN (NOT TO SCALE)

R.W.H.T. = RAIN WATER HARVESTING TANK
 C.P. = CASH PASSING
 S.T. = SEPTIC TANK
 S.P. = SOAK PIT
 D.B. = DUST BIN

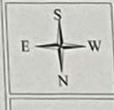
SLAB THICKNESS 150 UNLESS SPECIFIED.
 SLAB REINFORCEMENT @ 120 CC UNLESS SPECIFIED.

[Signature]
 Jyoti Chalaha
 Mangaldai College

PROJECT:-
 CONSTRUCTION OF G+2 RCC NEW SCIENCE BLOCK
 (J BLOCK) BUILDING FOR MANGALDAI COLLEGE
 DIST.-DARRANG, ASSAM

CLIENT: MANGALDAI COLLEGE

SIGNATURE OF OWNER: *[Signature]*



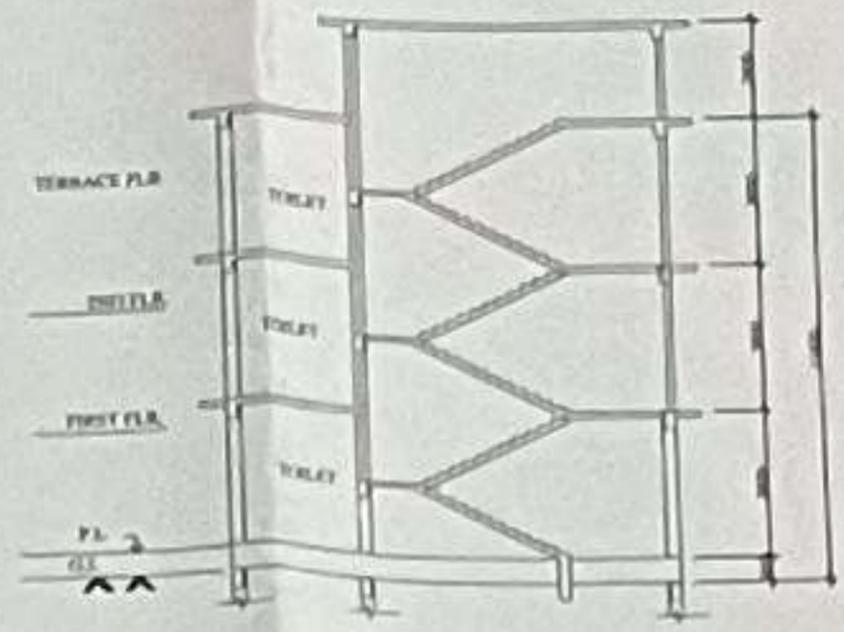
DRAWING TITLE: APPROVAL DRAWING
 JOB NO: A-12
 DRG NO: AD-01
 SCALE: 1:100 & 1:200
 DRAWN BY: LAKHYA JYOTI CHALHA
 DATE: 20-03-2025

LAND PROFILE:
 DIST.-DARRANG
 ASSAM

CHKD BY: *[Signature]*
 Dr. Lakhyajyoti Chalaha
 Dist. Darrang, Assam

NOTES

1. ALL DIMENSIONS ARE IN MM
2. DRAWINGS NOT BE MEASURED
ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED



SECTION X-X

AREA STATEMENT

PLOT AREA	= 23.35 ACRE	
	= 71991.28 SQ. M.	
A. BUILT - UP AREA CALCULATION		
a. GROUND FLOOR AREA	= 1591.51 SQ.M.	
b. FIRST FLOOR AREA	= 1591.51 SQ.M.	
c. SECOND FLOOR AREA	= 1591.51 SQ.M.	
TOTAL	= 4744.53 SQ. M.	(%)
B. COMMON AREA CALCULATION		
COMMON AREA (GAS STG.)	= 322.80 SQ. M.	(%)
TOTAL BUILT - UP AREA (A+B)	= 4421.73 SQ.M.	
THEREFORE		
F. A. R. ACHIEVED	= $\frac{\text{TOTAL BUILT UP AREA}}{\text{PLOT AREA}} \times 100$	
	= 6.14%	
GROUND COVERAGE	= $\frac{\text{GR. FL. AREA}}{\text{PLOT AREA}} \times 100$	
	= 2.19%	



ELEVATION

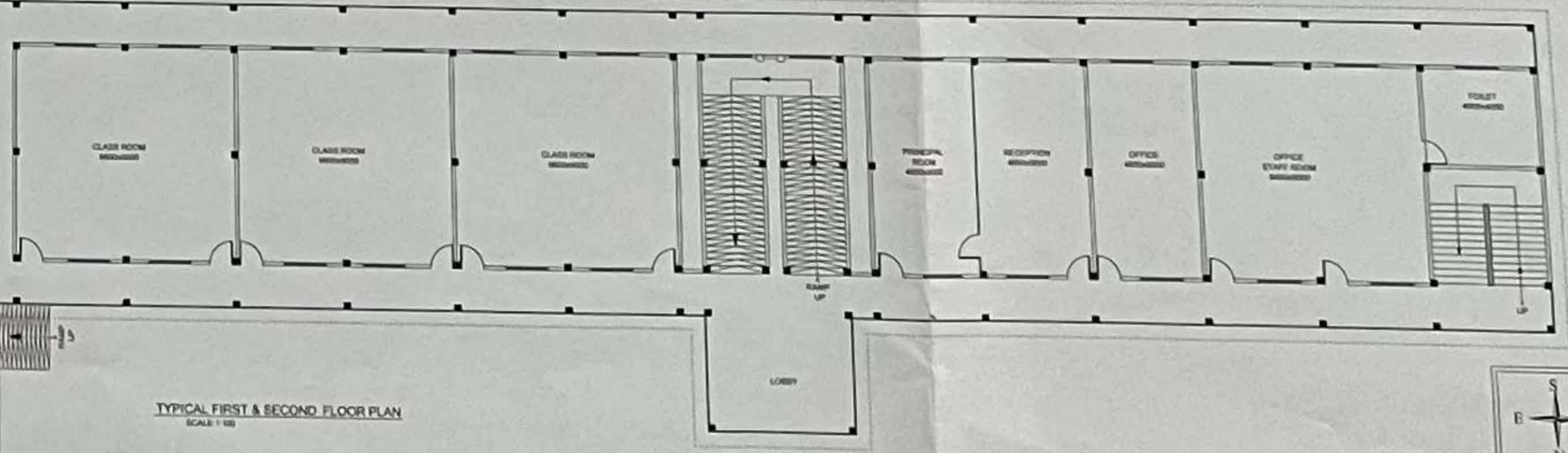


R.W.P. = RAIN WATER HARVESTING TANK
 C.P. = CAR PARKING
 S.T. = SEPTIC TANK
 S.P. = SUMP PIT
 D.S. = DUST BIN

SLAB THICKNESS 150 UNLESS SPECIFIED
 SLAB REINFORCEMENT AS @ 120 C/C UNLESS SPECIFIED

Approved
Crystal Banerjee
 Chairman
 Mangaldai Development Authority
 District - Darrang (Assam)

[Signature]
 Zonal Engineer
 Mangaldai Dev. Authority



TYPICAL FIRST & SECOND FLOOR PLAN
SCALE 1:100

PROJECT -
 CONSTRUCTION OF G+2 RCC ADMINISTRATIVE BUILDING
 (BLOCK A & B) FOR
 MANGALDAI COLLEGE
 DIST -DARRANG, ASSAM

CLIENT: MANGALDAI COLLEGE

SIGNATURE OF OWNER: *[Signature]*

DRAWING TITLE: APPROVAL DRAWING

JOB NO: A-12

DRG NO: AD-01

SCALE: 1:100 & 1:200

DRAWN BY: LAKHYA JYOTI CHALHA

DATE: 20-03-2025



LAND PROFILE:
 DIST - DARRANG
 ASSAM

CHKD BY:

[Signature]
 Sr. Lecturer in Civil Engg
 Dept. of Engineering

NOTES

1. ALL DIMENSIONS ARE IN MM
2. DIMENSIONS NOT BE MEASURED ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

AREA STATEMENT

PLOT AREA = 7190.38 SQ. M

A. BUILT UP AREA CALCULATION

1. GROUND FLOOR AREA = 1881.51 SQ.M

2. FIRST FLOOR AREA = 1881.51 SQ.M

3. SECOND FLOOR AREA = 1881.51 SQ.M

TOTAL = 4744.53 SQ.M

B. COMMON AREA CALCULATION

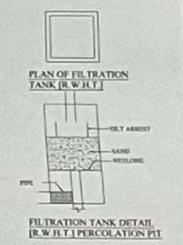
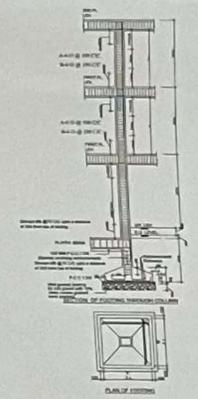
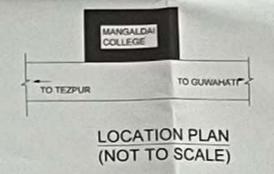
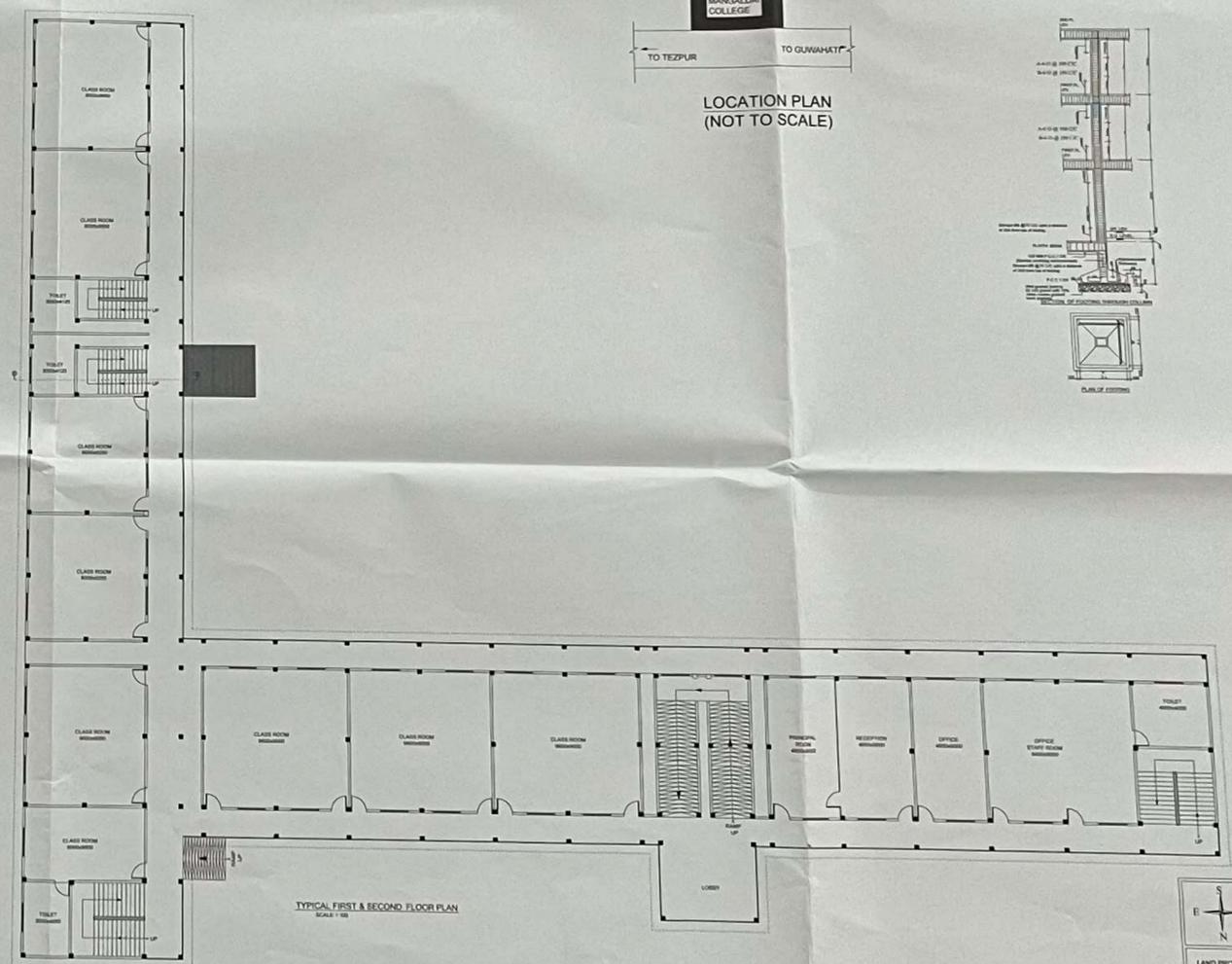
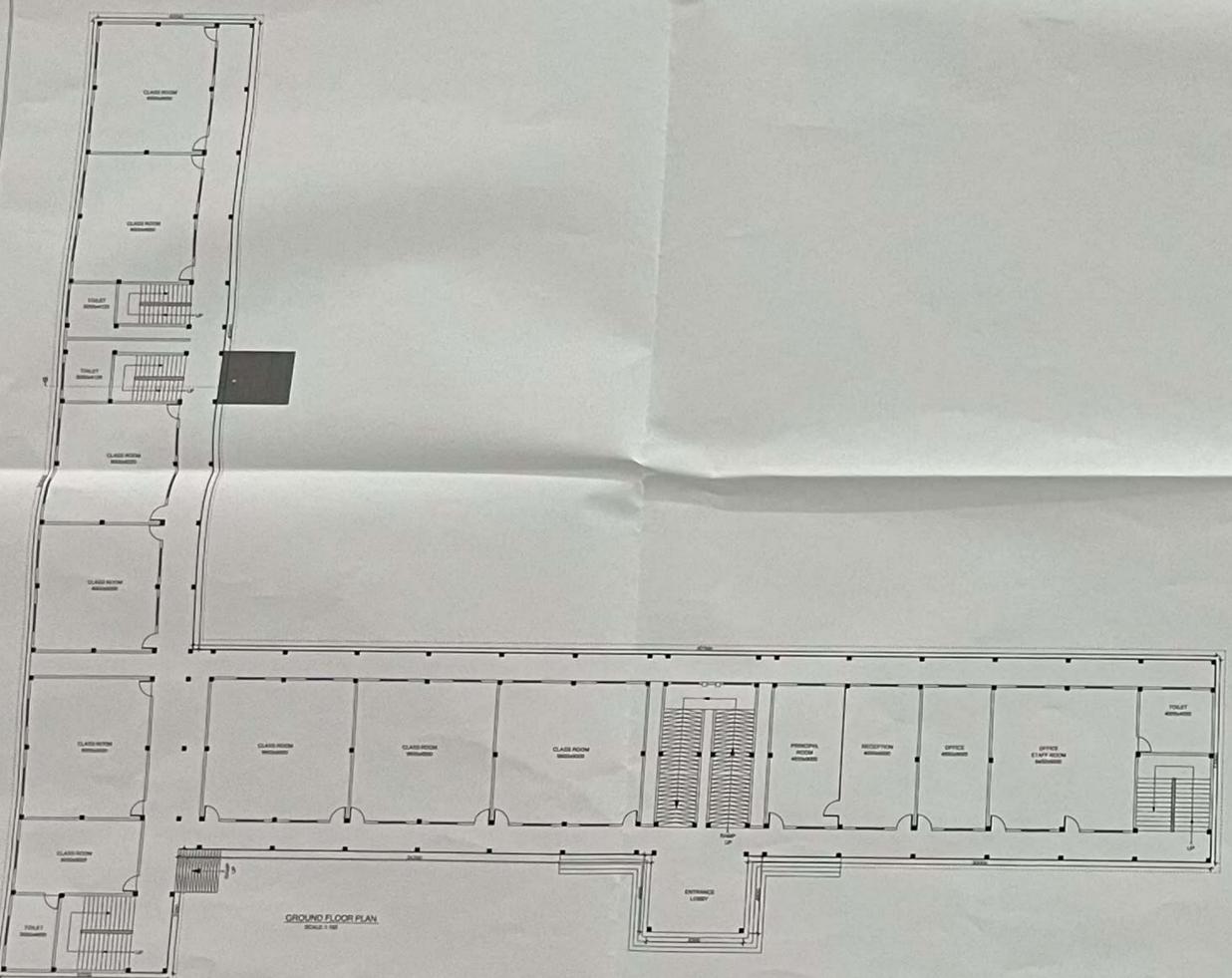
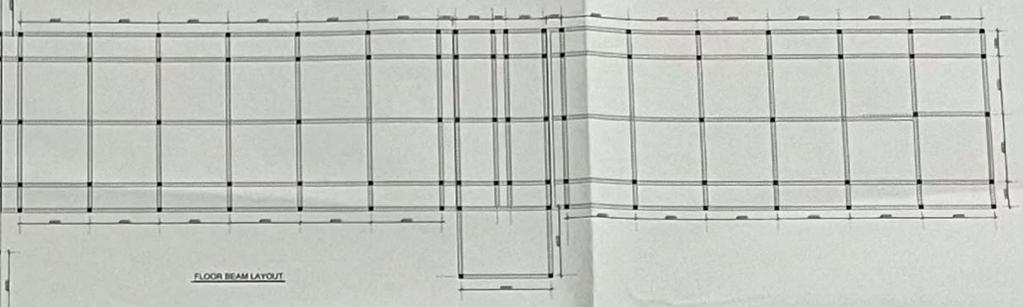
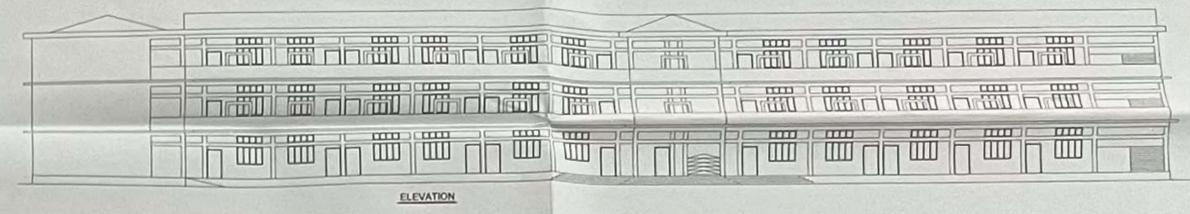
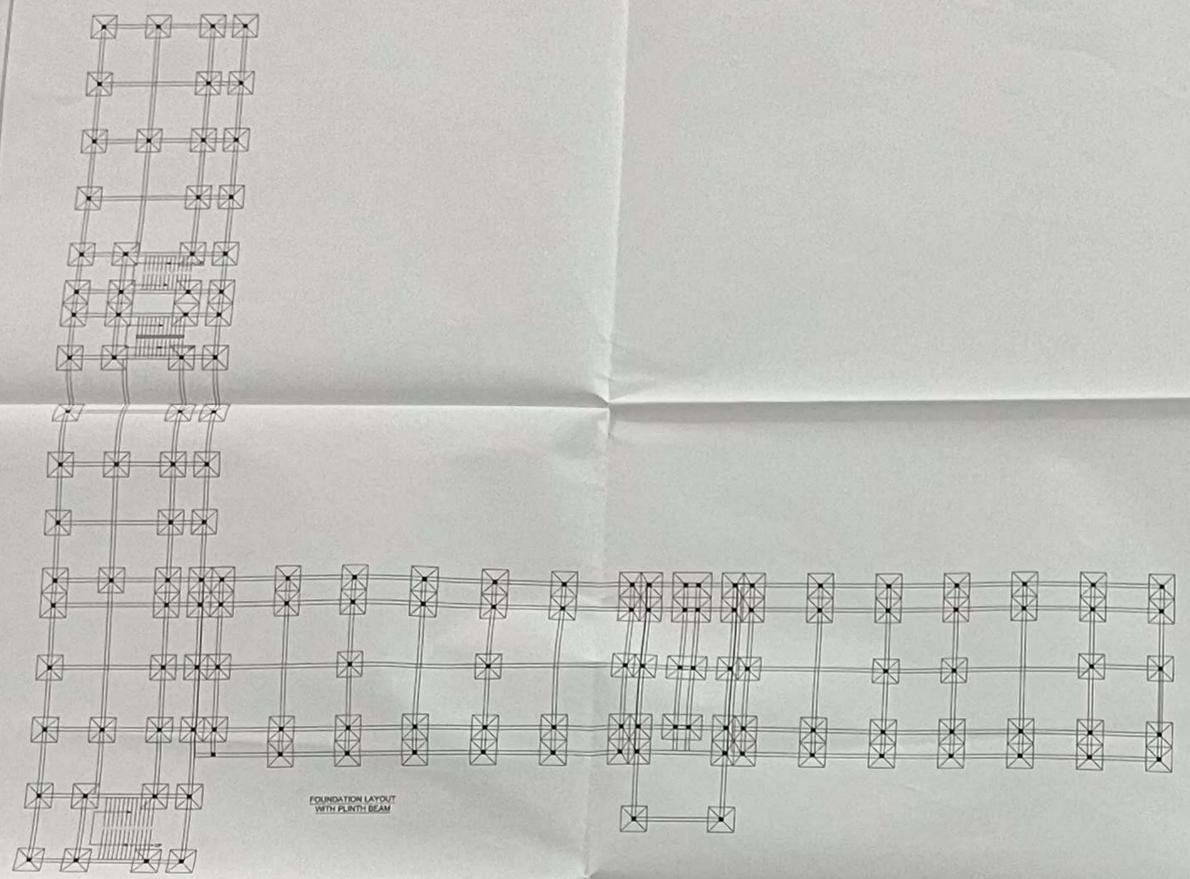
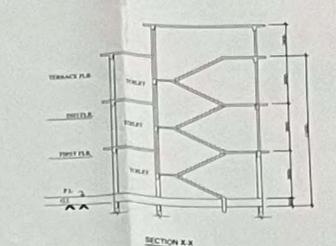
COMMON AREA (G.M.S.K.) = 522.80 SQ. M

TOTAL BUILT UP AREA (A+B) = 4421.73 SQ.M

THEREFORE:

F.A.R. ACHIEVED = $\frac{\text{TOTAL BUILT UP AREA}}{\text{PLOT AREA}} \times 100$ = 6.14%

GROUND COVERAGE = $\frac{\text{GR. FL. AREA}}{\text{PLOT AREA}} \times 100$ = 2.19%



SLAB THICKNESS FOR UNLESS SPECIFIED
SLAB REINFORCEMENT AS @125 C/C UNLESS SPECIFIED

Approved
Chaitanya Choudhary
Chairman
Mangaldai Development Authority
District - Darrang (Assam)

Checked by
[Signature]
Mangaldai Development Authority

PROJECT: CONSTRUCTION OF G-1000 ADMINISTRATIVE BUILDING (BLOCK A & B) FOR MANGALDAI COLLEGE DIST-DARRANG, ASSAM

CLIENT: MANGALDAI COLLEGE

SIGNATURE OF OWNER: *[Signature]*

DRAWING TITLE: APPROVAL DRAWING

CHECKED BY: *[Signature]*

JOB NO: A-12

DWG NO: AD-01

LAND PROFILE: SCALE: 1:100 & 1:200

DRAWN BY: LAKHYA JYOTI CHALHA

DATE: 20-03-2025

Dist. - DARRANG ASSAM