

NOTE : ALL DIMENSIONS AREA IN METER

SPECIFICATION :

FOUNDATION : RCC 1:11/2:3 M25 Concrete Column footing Laid Over sand filling and PCC 1:4:8.

RCC WORK : All Column, Beams, Roof Slab, Lintel, & Sunshade are in CC 1:11/2:3(M-25)

BRICKWORK : B.W in Basement & Superstructure are in CM 1:5

JOINERY : Joineries are made with Steel (or) first class teak wood

WEATHERING : 9" x 9" Pressed Tiles laid over the Brick Jelly with
COURSE Lime mortar and sloped with water proofing compound

PLASTERING : Ceiling plastering with CM 1:3 Inside & Outside walls are plastering with CM 1:4.

PAINTING : White washing with two coats over the one coat of primer for Ceiling.Colour washing with two coats over one coat of primer for all Walls.

JOINERY SCHEDULE

D1	1.10 x 2.44	DOOR
D2	1.00 x 2.44	DOOR
D3	0.80 x 2.44	DOOR
MD	2.44 x 2.44	WINDOW
W	3.00 x 1.70	WINDOW
W1	2.44 x 1.70	WINDOW
W2	1.80 x 1.80	WINDOW
W3	1.50 x 1.80	WINDOW
W4	1.20 x 1.80	WINDOW
V1	1.50 x 0.90	VENTILATOR
V2	1.20 x 0.90	VENTILATOR
V3	1.00 x 0.90	VENTILATOR

VS	1.00 x 0.50	0.50 x 0.50
NUMBER OF STUDENTS - EACH CLASS ROOM 25 STUDENTS		

DESCRIPTION	NO.OF CLASS ROOM	BOYS	GIRLS
GROUND FLOOR	10	150	100
FIRST FLOOR	10	150	100
SECOND FLOOR	21	315	210
TOTAL	41	615	410

COLOUR INDEX :

PROPOSED	☐	DATE	11/1/2011
----------	--------------------------	------	-----------

BOUNDARY	☐	DATE	08.5
----------	--------------------------	------	------

DATE	12/15/2011
ROAD	12/15/2011

NAME		

APPLICANT:



Managing Trustee

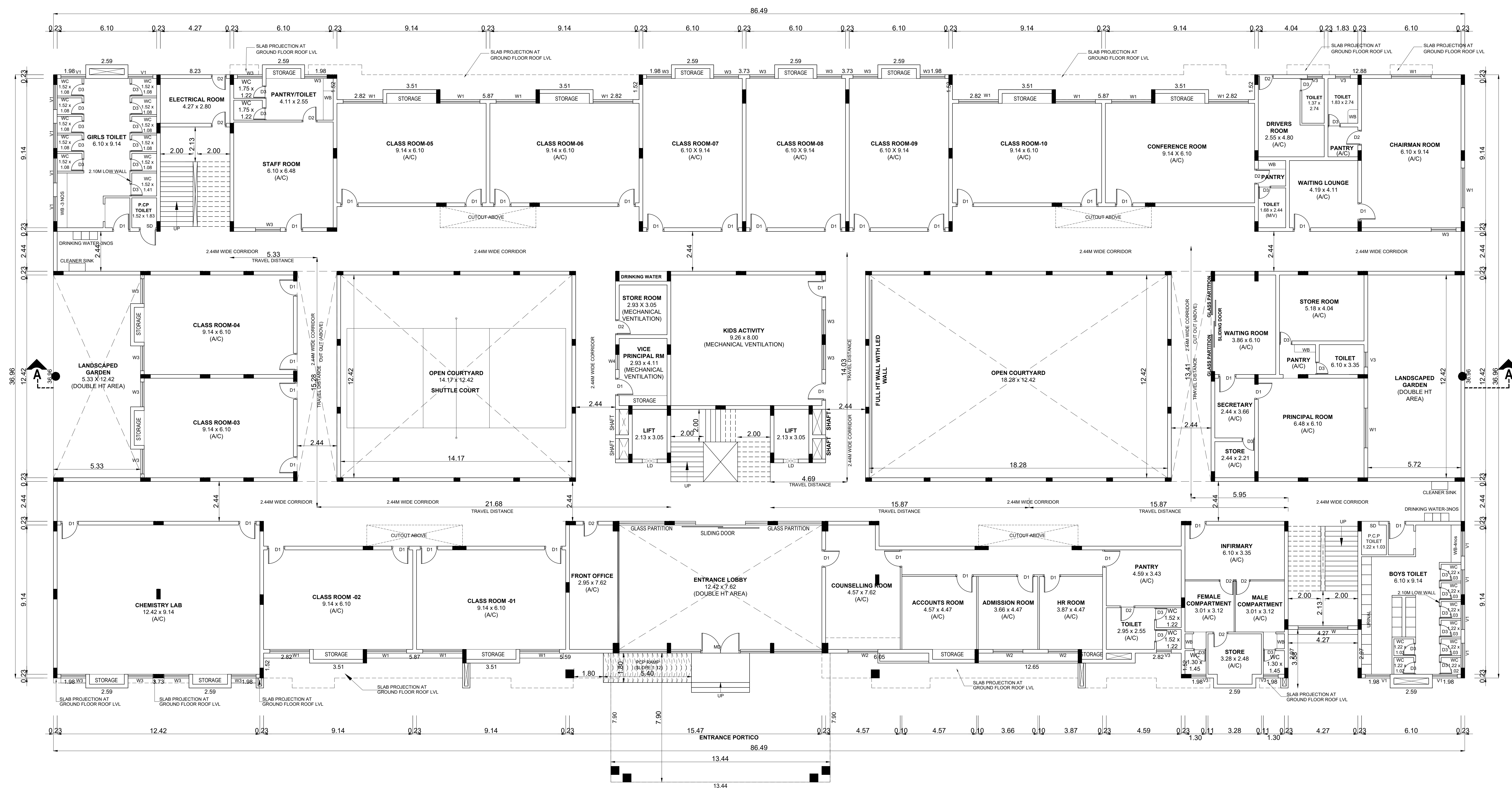
ARCHITECT / REGISTERED ENGINEER :

KARTHIK . H
CA/2009/44439
No.67, Flat 3B, DEVADAYA APTS,
GANDHI NAGAR 1st MAIN ROAD,
ADYAR, CHENNAI - 600 020.

REGISTERED STRUCTURAL ENGINEER :


Er. P. RAMAN, B.E (Civil), M.C (Struct), M.I.E., C.Engg.
Registered Structural Engineer Grade-I (SE)
DTCP Reg No: CGLRGN/SE/GR-1/2019/07/022
S.S. Manians Apartment,
No.5/13, Thambiah Road Extn.,
West Mambalam, Chennai-600 033.

MECHANICAL VENTILATION AND FIRE PROTECTION SYSTEM
PROVIDED FOR ENTIRE BUILDING



GROUND FLOOR PLAN

PLAN SHOWING PROPOSED CONSTRUCTION OF
SCHOOL BUILDING IN S.F.NOS: 88/8C, 92/7C, 8C, 9A,
10A1, 10B, 10C, 11,12; AT THANDALAM VILLAGE,
THIRUPORUR TALUK, CHENGAPATTU DISTRICT.

NOTE : ALL DIMENSIONS AREA IN METER

SPECIFICATION :

FOUNDATION : RCC 1:11/2:3 M25 Concrete Column footing Laid Over sand filling and PCC 1:4:8.

RCC WORK : All Column, Beams, Roof Slab, Lintel & Sunshade are in CC 1:11/2:3(M-25)

BRICKWORK : B.W in Basement & Superstructure are in CM 1:5.

JOINERY : Joineries are made with Steel (or) first class teak wood.

WEATHERING : 9" x 9" Pressed Tiles laid over the Brick Jally with Lime mortar and sloped with water proofing compound.

PLASTERING : Ceiling plastering with CM 1:3:inside & Outside walls are plastering with CM 1:4.

PAINTING : White washing with two coats over the one coat of primer for Ceiling.Colour washing with two coats over one coat of primer for all Walls.

JOINERY SCHEDULE

D1	1.10 x 2.44	DOOR
D2	1.00 x 2.44	DOOR
D3	0.80 x 2.44	DOOR
MD	2.44 x 2.44	WINDOW
W	3.00 x 1.70	WINDOW
W1	2.44 x 1.70	WINDOW
W2	1.80 x 1.80	WINDOW
W3	1.50 x 1.80	WINDOW
W4	1.20 x 1.80	WINDOW
V1	1.50 x 0.90	VENTILATOR
V2	1.20 x 0.90	VENTILATOR
V3	1.00 x 0.90	VENTILATOR

NUMBER OF STUDENTS - EACH CLASS ROOM 25 STUDENTS

DESCRIPTION	NO.OF CLASS ROOM	BOYS	GIRLS
GROUND FLOOR	10	150	100
FIRST FLOOR	10	150	100
SECOND FLOOR	21	315	210
TOTAL	41	615	410

COLOUR INDEX :

REFERENCE :

PROPOSED	☐	SCALE	: 1:100
BOUNDARY	☐	DATE	: 29 DEC 2023
ROAD	☐		
DRIVEWAY	☐		

APPLICANT :

For CHINNAPONNU AMMAL MEMORIAL TRUST
Managing Trustee

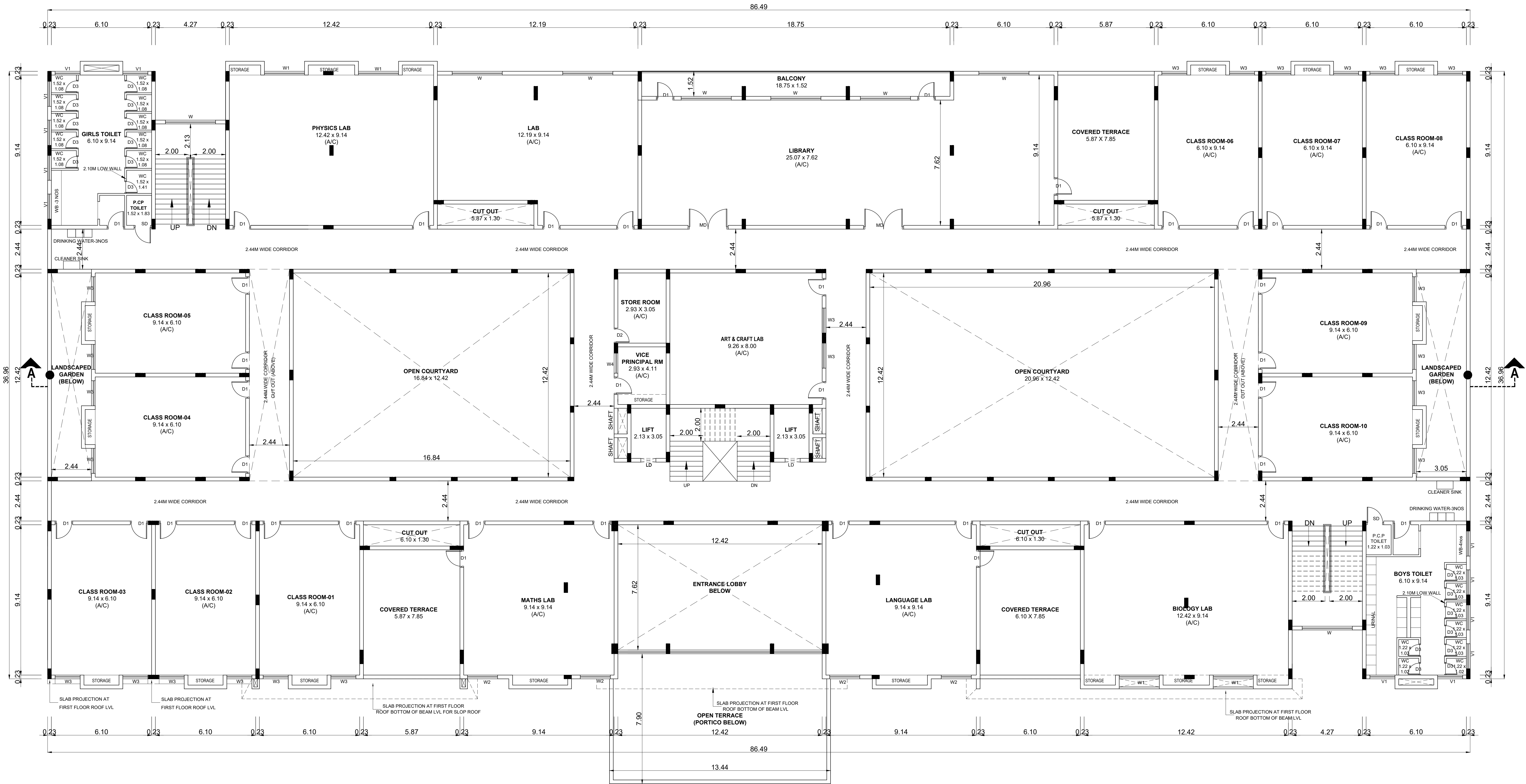
ARCHITECT / REGISTERED ENGINEER :

Karthik . H
KARTHIK . H
CA/2009/44439
No.67, Flat 3B, DEVADAYA APTS
GANDHI NAGAR 1st MAIN ROAD
ADYAR, CHENNAI - 600 020.

REGISTERED STRUCTURAL ENGINEER :

Er. P. RAMAN
Er. P. RAMAN, B.E (Civil), M.T. (Struct), M.I.E., C.Engg.
Registered Structural Engineer Grade-I (SE)
DTCP Reg No. CGLRGN/SEGR-I/2019/07/022
S.S. Manians Apartment
No.5/13, Thambiah Road Extn,
West Mambalam, Chennai-600 033.

MECHANICAL VENTILATION AND FIRE PROTECTION SYSTEM
PROVIDED FOR ENTIRE BUILDING



FIRST FLOOR PLAN

PLAN SHOWING PROPOSED CONSTRUCTION OF
SCHOOL BUILDING IN S.F.NOS; 88/8C, 88/8C, 92/7C, 8C, 9A,
10A1, 10B, 10C, 11,12; AT THANDALAM VILLAGE,
THIRUPORUR TALUK, CHENGAPATTU DISTRICT.

NOTE : ALL DIMENSIONS AREA IN METER

SPECIFICATION :

FOUNDATION : RCC 1:11/2:3 M25 Concrete Column footing Laid Over sand filling and PCC 14:8.

RCC WORK : All Column, Beams, Roof Slab, Lintel.& Sunshade are in CC 1:11/2:3(M-25)

BRICKWORK : B.W in Basement & Superstructure are in CM 1:5.

JOINERY : Joineries are made with Steel (or) first class teak wood.

WEATHERING : 9" x 9" Pressed Tiles laid over the Brick Jolly with Lime mortar and sloped with water proofing compound.

PLASTERING : Ceiling plastering with CM 1:3inside & Outside walls are plastering with CM 1:4.

PAINTING : White washing with two coats over the one coat of primer for Ceiling.Colour washing with two coats over one coat of primer for all Walls.

JOINERY SCHEDULE

D1	1.10 x 2.44	DOOR
D2	1.00 x 2.44	DOOR
D3	0.80 x 2.44	DOOR
MD	2.44 x 2.44	WINDOW
W	3.00 x 1.70	WINDOW
W1	2.44 x 1.70	WINDOW
W2	1.80 x 1.80	WINDOW
W3	1.50 x 1.80	WINDOW
W4	1.20 x 1.80	WINDOW
V1	1.50 x 0.90	VENTILATOR
V2	1.20 x 0.90	VENTILATOR
V3	1.00 x 0.90	VENTILATOR

NUMBER OF STUDENTS - EACH CLASS ROOM 25 STUDENTS

DESCRIPTION	NO.OF CLASS ROOM	BOYS	GIRLS
GROUND FLOOR	10	150	100
FIRST FLOOR	10	150	100
SECOND FLOOR	21	315	210
TOTAL	41	615	410

COLOUR INDEX :	REFERENCE :
PROPOSED ☐	SCALE : 1:100
BOUNDARY ☐	DATE : 29 DEC 2023
ROAD ☐	
DRIVEWAY ☐	

SE

EW

N

APPLICANT :

For CHINNAPONNU AMMAL MEMORIAL TRUST

Managing Trustee

ARCHITECT / REGISTERED ENGINEER :

Karthik . H

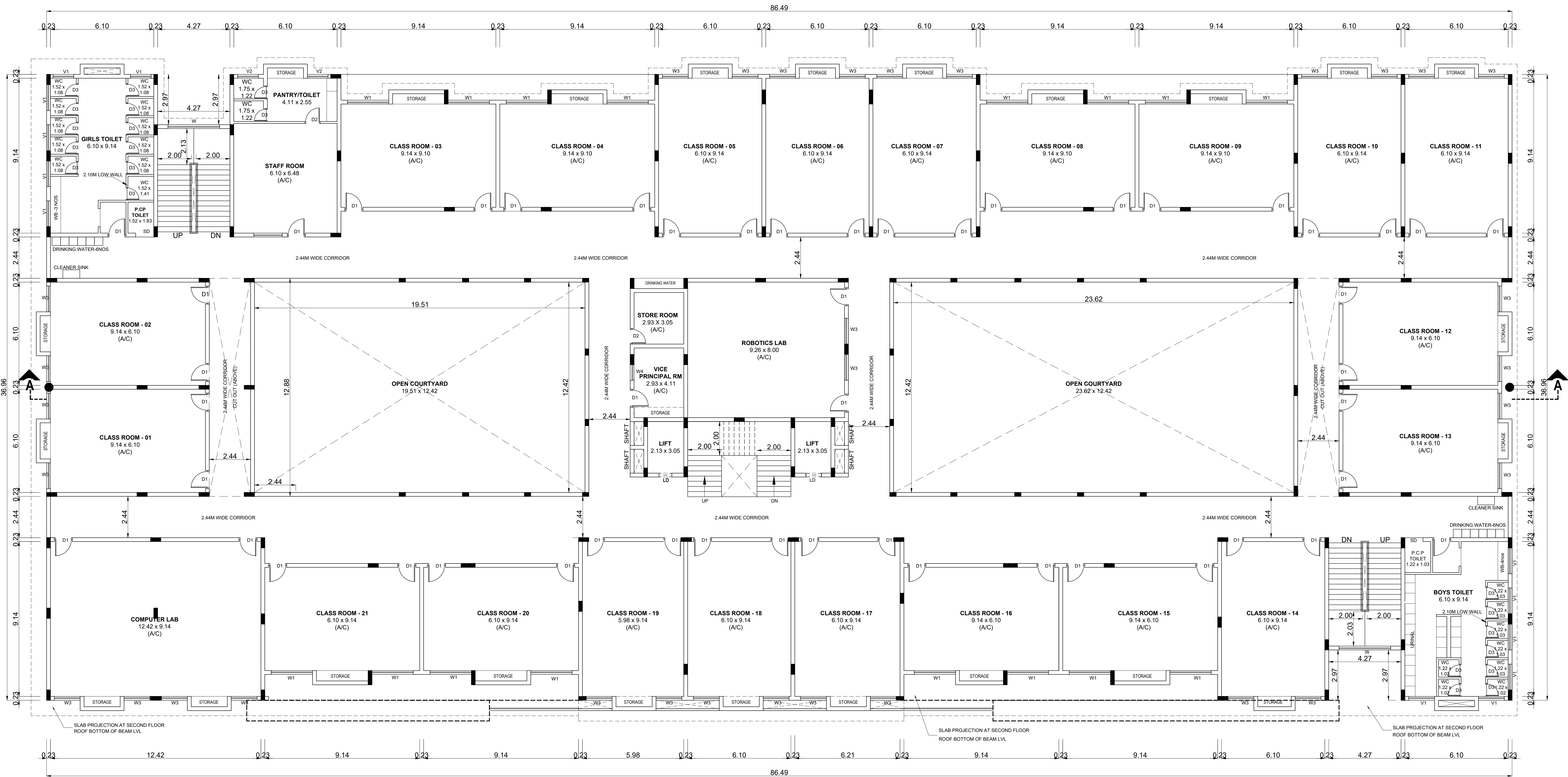
KARTHIK . H
CA/2009/44439
No.67, Flat 38, DEVADAYA APTS
GANDHI NAGAR 1st MAIN ROAD
ADYAR, CHENNAI - 600 020.

REGISTERED STRUCTURAL ENGINEER :

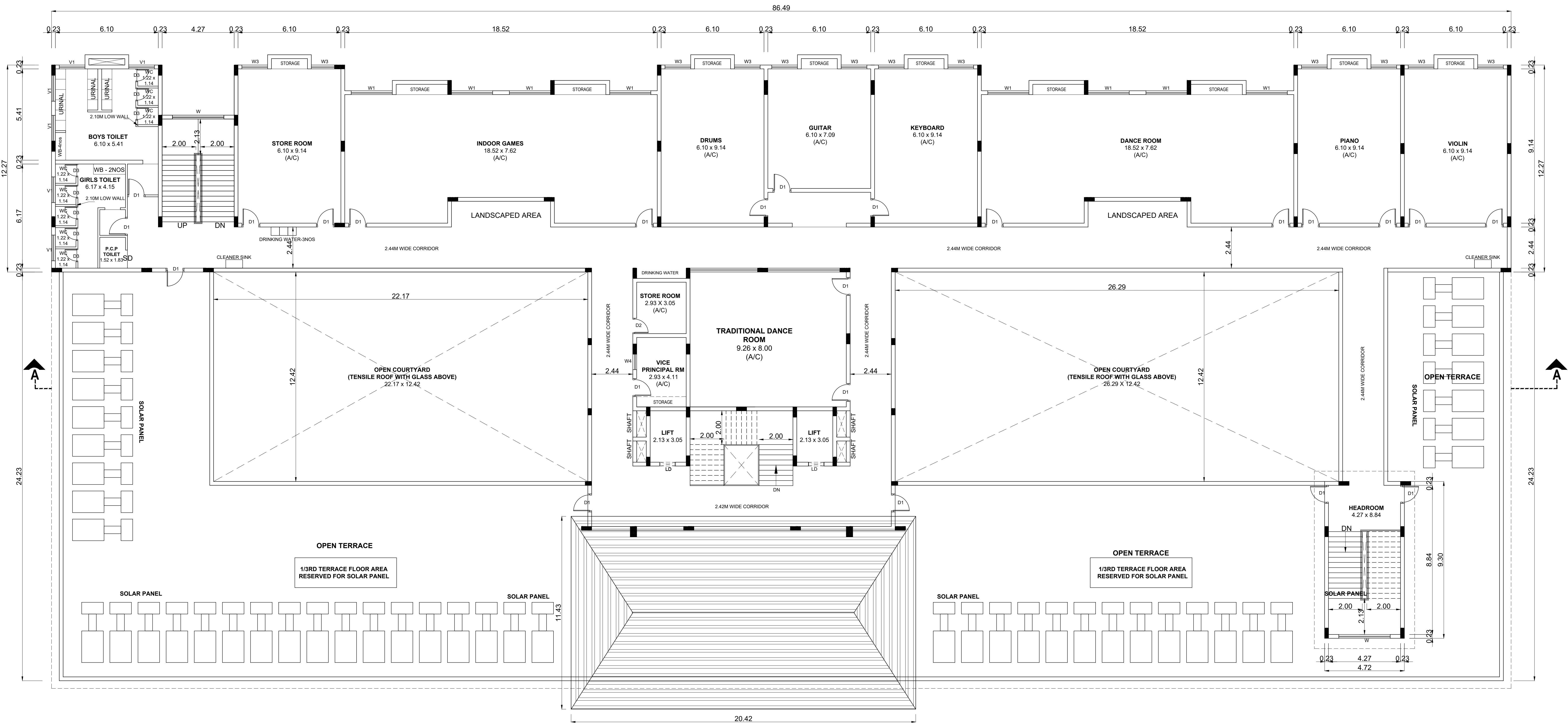
Er. P. RAMAN

Er. P. RAMAN, B.E (Civil), M.C (Struct), M.I.E., C.Engg.
Registered Structural Engineer Grade-I (SE)
DTCP Reg No: CGLRGN/SE/GR-1/2019/07/022
S.S. Manians Apartment
No.5/13, Thambiash Road Extn.
West Mambalam, Chennai-600 033.

MECHANICAL VENTILATION AND FIRE PROTECTION SYSTEM
PROVIDED FOR ENTIRE BUILDING



SECOND FLOOR PLAN



THIRD FLOOR PLAN

MECHANICAL VENTILATION AND FIRE PROTECTION SYSTEM
PROVIDED FOR ENTIRE BUILDING

BLOCK - 1

SHEET NO: 04 / 07

PLAN SHOWING PROPOSED CONSTRUCTION OF
SCHOOL BUILDING IN S.F.NOS; 88/8C, 92/7C, 8C, 9A,
10A1, 10B, 10C, 11,12; AT THANDALAM VILLAGE,
THIRUPORUR TALUK, CHENGAPATTU DISTRICT.

NOTE : ALL DIMENSIONS AREA IN METER

SPECIFICATION :

FOUNDATION

RCC 1:11/2:3 M25 Concrete Column footing Laid Over sand filling and PCC 1:4:8.

RCC WORK

: All Column, Beams, Roof Slab, Lintel.& Sunshade are in CC 1:11/2:3(M-25)

BRICKWORK

: B.W in Basement & Superstructure are in CM 1:5.

JOINERY

: Joineries are made with Steel (or) first class teak wood.

WEATHERING

: 9" x 9" Pressed Tiles laid over the Brick Jelly with Lime mortar and sloped with water proofing compound.

PLASTERING

: Ceiling plastering with CM 1:3inside & Outside walls are plastering with CM 1:4.

PAINTING

: White washing with two coats over the one coat of primer for Ceiling.Colour washing with two coats over one coat of primer for all Walls.

JOINERY SCHEDULE

D1	1.10 x 2.44	DOOR
D2	1.00 x 2.44	DOOR
D3	0.80 x 2.44	DOOR
MD	2.44 x 2.44	WINDOW
W	3.00 x 1.70	WINDOW
W1	2.44 x 1.70	WINDOW
W2	1.80 x 1.80	WINDOW
W3	1.50 x 1.80	WINDOW
W4	1.20 x 1.80	WINDOW
V1	1.50 x 0.90	VENTILATOR
V2	1.20 x 0.90	VENTILATOR
V3	1.00 x 0.90	VENTILATOR

NUMBER OF STUDENTS - EACH CLASS ROOM 25 STUDENTS

DESCRIPTION	NO.OF CLASS ROOM	BOYS	GIRLS
GROUND FLOOR	10	150	100
FIRST FLOOR	10	150	100
SECOND FLOOR	21	315	210
TOTAL	41	615	410

COLOUR INDEX :

PROPOSED ☐

BOUNDARY ☐

ROAD ☐

DRIVEWAY ☐

REFERENCE :

SCALE : 1:100

DATE : 29 DEC 2023

APPLICANT :

For CHINNAPONNU AMMAL MEMORIAL TRUST

Managing Trustee

ARCHITECT / REGISTERED ENGINEER :

KARTHIK . H

CA/2009/44439

No.67, Flat 3B, DEVADAYA APTS

GANDHI NAGAR 1st MAIN ROAD

ADYAR, CHENNAI - 600 020.

REGISTERED STRUCTURAL ENGINEER :

Er. P. RAMAN, a.e (Civil, M.E (Struct), M.I.E, C.Engg.

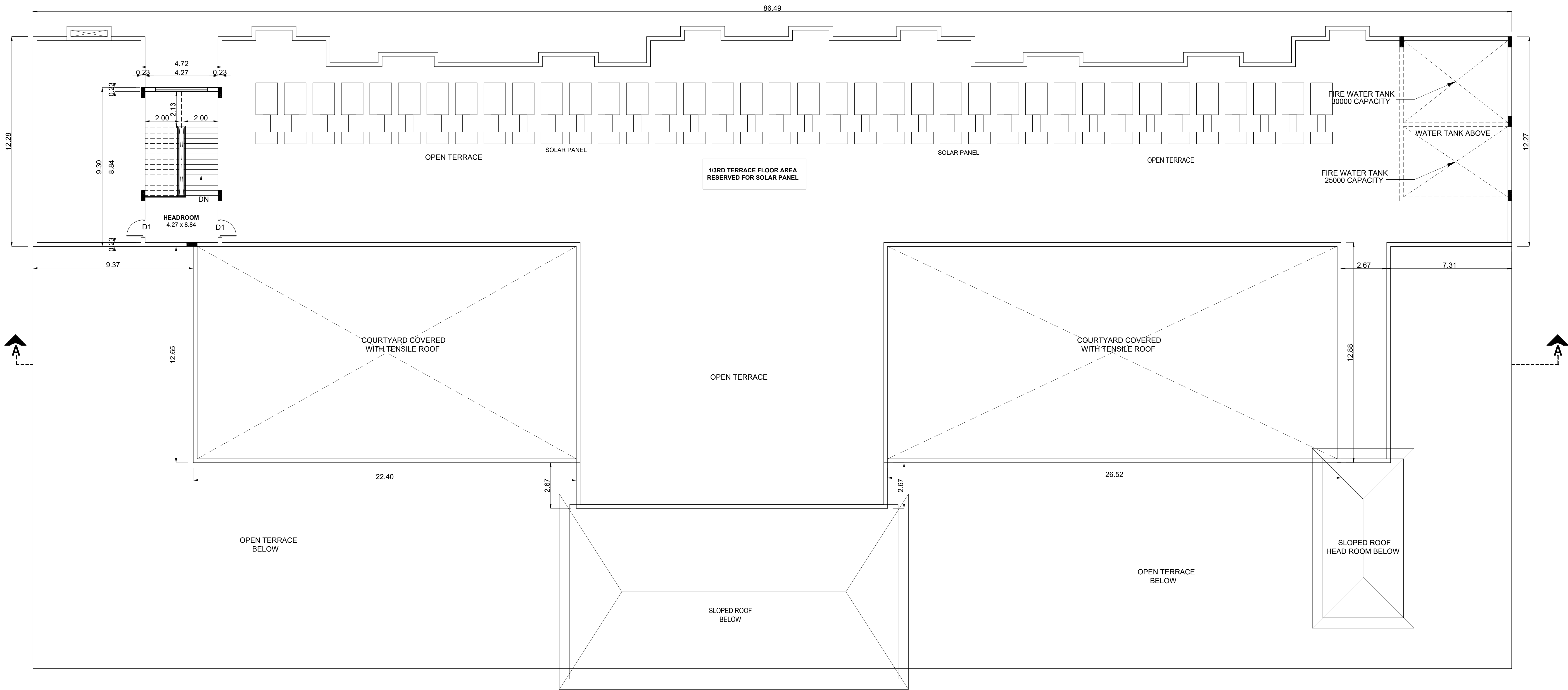
Registered Structural Engineer Grade-I (SE)

DTCP Reg No. CGLRGN/SE/GR-1/2019/07/022

S.S. Manians Apartment

No.5/13, Thambiah Road Extn.,

West Mambalam, Chennai-600 033.



TERRACE FLOOR PLAN

MECHANICAL VENTILATION AND FIRE PROTECTION SYSTEM PROVIDED FOR ENTIRE BUILDING

BLOCK - 1

SHEET NO: 05 / 07

PLAN SHOWING PROPOSED CONSTRUCTION OF SCHOOL BUILDING IN S.F.NOS; 88/8C, 92/7C, 8C, 9A, 10A1, 10B, 10C, 11,12; AT THANDALAM VILLAGE, THIRUPORUR TALUK, CHENGAPATTU DISTRICT.

NOTE : ALL DIMENSIONS AREA IN METER

SPECIFICATION :

FOUNDATION

: RCC 1:11/2:3 M25 Concrete Column footing Laid Over sand filling and PCC 1:4:8.

RCC WORK

: All Column, Beams, Roof Slab, Lintel & Sunshade are in CC 1:11/2:3(M-25)

BRICKWORK

: B.W in Basement & Superstructure are in CM 1:5.

JOINERY

: Joineries are made with Steel (or) first class teak wood.

WEATHERING

: 9" x 9" Pressed Tiles laid over the Brick Jelly with Lime mortar and slopes with water proofing compound.

PLASTERING

: Ceiling plastering with CM 1:3inside & Outside walls are plastering with CM 1:4.

PAINTING

: White washing with two coats over the one coat of primer for Ceiling Colour washing with two coats over one coat of primer for all Walls.

JOINERY SCHEDULE

D1	1.10 x 2.44	DOOR
D2	1.00 x 2.44	DOOR
D3	0.80 x 2.44	DOOR
MD	2.44 x 2.44	WINDOW
W	3.00 x 1.70	WINDOW
W1	2.44 x 1.70	WINDOW
W2	1.80 x 1.80	WINDOW
W3	1.50 x 1.80	WINDOW
W4	1.20 x 1.80	WINDOW
V1	1.50 x 0.90	VENTILATOR
V2	1.20 x 0.90	VENTILATOR
V3	1.00 x 0.90	VENTILATOR

NUMBER OF STUDENTS - EACH CLASS ROOM 25 STUDENTS

DESCRIPTION	NO.OF CLASS ROOM	BOYS	GIRLS
GROUND FLOOR	10	150	100
FIRST FLOOR	10	150	100
SECOND FLOOR	21	315	210
TOTAL	41	615	410

COLOUR INDEX :

PROPOSED

BOUNDARY

ROAD

DRIVEWAY

REFERENCE :

SCALE : 1:100

DATE : 29 DEC 2023

S

E

N

W

APPLICANT :

For CHINNAPONNU AMMAL MEMORIAL TRUST

Managing Trustee

ARCHITECT / REGISTERED ENGINEER :

KARTHIK . H

CA/2009/44439

No.67, Flat 3B, DEVADAYA APTS

GANDHI NAGAR 1st MAIN ROAD

ADYAR, CHENNAI - 600 020.

REGISTERED STRUCTURAL ENGINEER :

Er. P. RAMAN, B.E (Civil), M.C (Struct), M.I.E., C.Engg.

Registered Structural Engineer Grade-I (SE)

DTCP Reg No: CGLRGN/SE/GR-I/2019/07/022

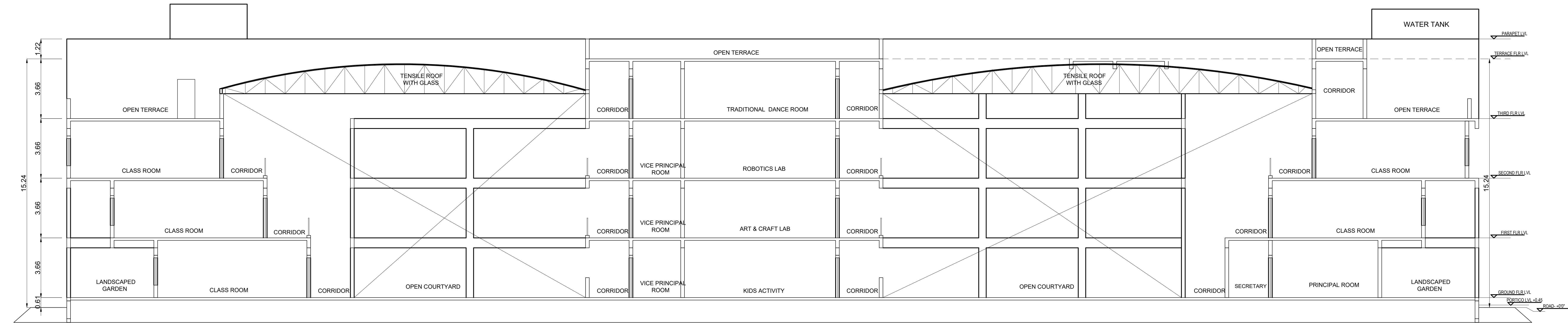
S.S. Manians Apartment,

No.5/13, Thambiah Road Extn.,

West Mambalam, Chennai-600 033.



FRONT ELEVATION



SECTION - AA

MECHANICAL VENTILATION AND FIRE PROTECTION SYSTEM
PROVIDED FOR ENTIRE BUILDING

BLOCK - 1

SHEET NO: 06 / 07

PLAN SHOWING PROPOSED CONSTRUCTION OF
SCHOOL BUILDING IN S.F.NOS; 88/8C, 92/7C, 8C, 9A,
10A1, 10B, 10C, 11,12; AT THANDALAM VILLAGE,
THIRUPORUR TALUK, CHENGAPATTU DISTRICT.

NOTE : ALL DIMENSIONS AREA IN METER

SPECIFICATION :

FOUNDATION

: RCC 1:11/2:3 M25 Concrete Column footing Laid Over sand filling and PCC 1:4:8.

RCC WORK

: All Column, Beams, Roof Slab, Lintel,& Sunshade are in CC 1:11/2:3(M-25)

BRICKWORK

: B.W in Basement & Superstructure are in CM 1:5.

JOINERY

: Joineries are made with Steel (or) first class teak wood.

WEATHERING COURSE

: 9" x 9" Pressed Tiles laid over the Brick Jelly with Lime mortar and sloped with water proofing compound.

PLASTERING

: Ceiling plastering with CM 1:3inside & Outside walls are plastering with CM 1:4.

PAINTING

: White washing with two coats over the one coat of primer for Ceiling.Colour washing with two coats over one coat of primer for all Walls.

JOINERY SCHEDULE

D1	1.10 x 2.44	DOOR
D2	1.00 x 2.44	DOOR
D3	0.80 x 2.44	DOOR
MD	2.44 x 2.44	WINDOW
W	3.00 x 1.70	WINDOW
W1	2.44 x 1.70	WINDOW
W2	1.80 x 1.80	WINDOW
W3	1.50 x 1.80	WINDOW
W4	1.20 x 1.80	WINDOW
V1	1.50 x 0.90	VENTILATOR
V2	1.20 x 0.90	VENTILATOR
V3	1.00 x 0.90	VENTILATOR

NUMBER OF STUDENTS - EACH CLASS ROOM 25 STUDENTS

DESCRIPTION	NO OF CLASS ROOM	BOYS	GIRLS
GROUND FLOOR	10	150	100
FIRST FLOOR	10	150	100
SECOND FLOOR	21	315	210
TOTAL	41	615	410

COLOUR INDEX :

PROPOSED ☐

BOUNDARY ☐

ROAD ☐

DRIVEWAY ☐

REFERENCE :

SCALE : 1:100

DATE : 29 DEC 2023

S

E

N

W

APPLICANT :

For CHINNAPONNU AMMAL MEMORIAL TRUST

Managing Trustee

ARCHITECT / REGISTERED ENGINEER :

KARTHIK . H

CA/2009/44439

No.67, Flat 3B, DEVADAYA APTS

GANDHI NAGAR 1st MAIN ROAD

ADYAR, CHENNAI - 600 020.

REGISTERED STRUCTURAL ENGINEER :

E. P. RAMAN, B.E (Civil), M.C (Struct), M.I.E., C.Engg.

Registered Structural Engineer Grade-I (SE)

DTCP Reg No: CGLRGN/SE/GR-I/2019/07/022

S.S. Manians Apartment

No.5/13, Thambiah Road Extn.,

West Mambalam, Chennai-600 033.

SITE PLAN SHOWING PROPOSED CONSTRUCTION
OF SCHOOL BUILDING IN S.F.NOS: 88/8C, 92/7C,
8C, 9A, 10A1, 10B, 10C, 11,12; AT THANDALAM
VILLAGE, THIRUPORUR TALUK, CHENGAPATTU
DISTRICT.

NOTE : ALL DIMENSIONS AREA IN METRE

AREA STATEMENT DETAILS

SITE AREA AS PER DOCUMENT : 10057.00 SQ.M

SITE AREA AS PER PATTÀ : 10057.00 SQ.M

SUPER IMPOSED SITE AREA : 10057.00 SQ.M

PROPOSED BUILDING AREA

S.NO	DESCRIPTION	FSI (SQ.M)	NON-FSI (SQ.M)	TOTAL (SQ.M)
	BLOCK - 1 (SCHOOL BUILDING)			
	GROUND FLOOR	2969.58	-	2969.58
	FIRST FLOOR	2558.25	-	2558.25
	SECOND FLOOR	2788.10	-	2788.10
	THIRD FLOOR	1290.47		1290.47
	TERRACE FLOOR	-	87.84	87.84
	TOTAL	9606.40	87.84	9694.24

TOTAL FSI AREA = 9606.40 SQ.M

$$\text{FLOOR SPACE INDEX} = \frac{9606.40}{10057.00} = 0.955$$

PARKING DETAILS :

CLASS ROOM AREA : 2285.41 SQ.M

1 CAR PARKING SPACE FOR EVERY 300.00 SQ.M

1 CYCLE PARKING FOR EVERY 5.00 SQ. M.

DESCRIPTION	REQUIRED	PROVIDED
CAR PARKING	(06+ 2(PCP)) = 8NOS	(06+ 2(PCP)) = 8NOS
TWO WHEELER PARKING	46 NOS	46 NOS
CYCLE PARKING	458 NOS	458 NOS

PARKING SLOT SIZE :

06 CARS WITH DIMENSION 2.50 x 5.0M

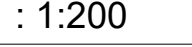
46 BIKE WITH DIMENSION 1.00 x 1.80M

OSR DETAILS:

O.S.R REQUIRED = 1005.07 SQ.M

O.S.R PROVIDED = 1006.26 SQ.M

COLOUR INDEX :	REFERENCE
----------------	-----------

EXISTING		SCALE : 1:200	
PROPOSED		DATE : 08 JAN 2024	
BOUNDARY			
ROAD			
DRIVEWAY			

APPLICANT :

For CHINNAPONNU AMMAL MEMORIAL TRUST

[Signature]
Managing Trustee

ARCHITECT / REGISTERED ENGINEER :

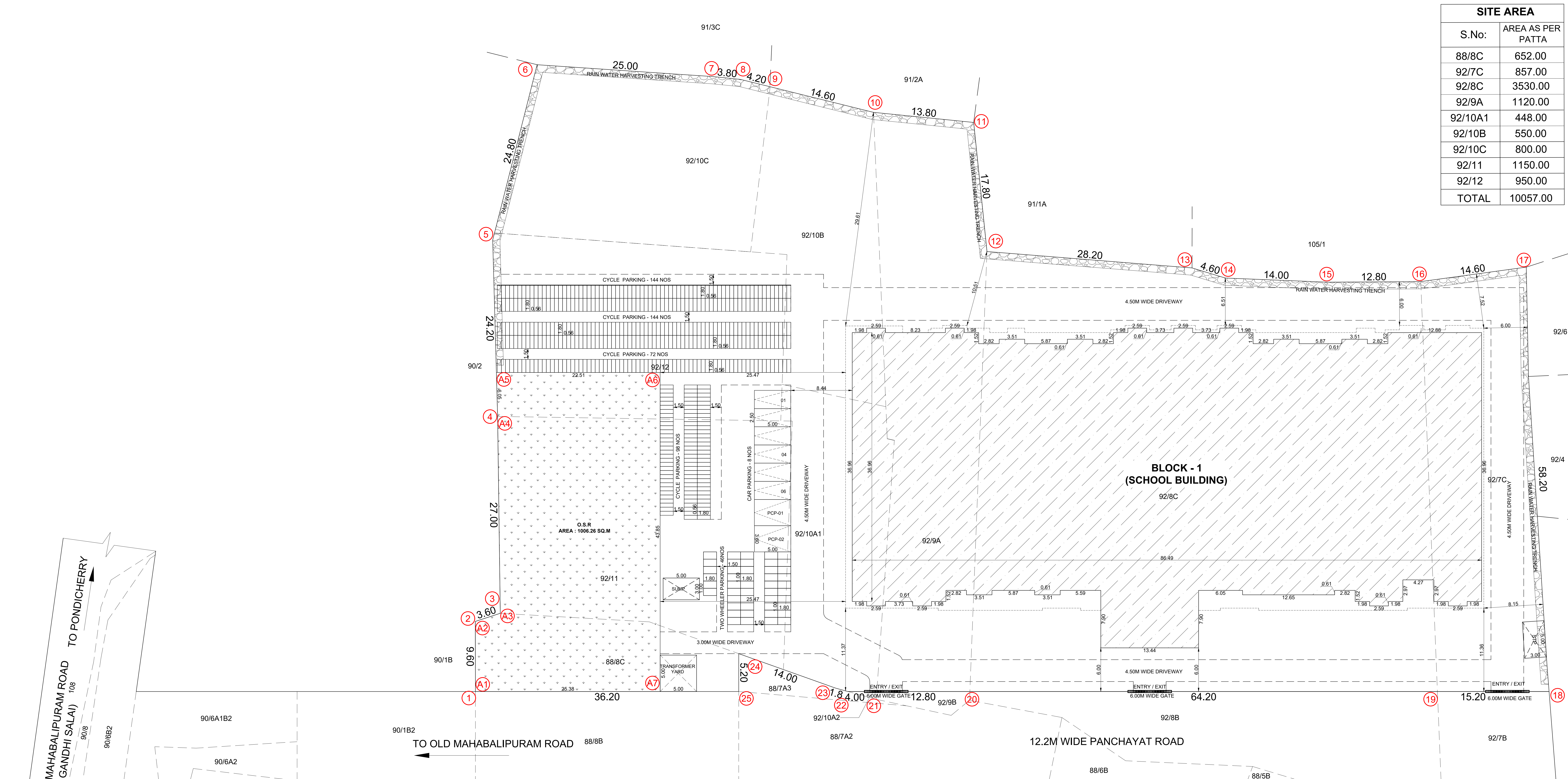
Hu?

KARTHIK . H
CA/2009/44439
No.67, Flat 3B, DEVADAYA APTS
GANDHI NAGAR 1st MAIN ROAD
ADYAR, CHENNAI - 600 020.

REGISTERED STRUCTURAL ENGINEER :

[Signature]

Er. P. RAMAN, B.E (Civil), M.C (Struct), M.I.E., C.Engg.
Registered Structural Engineer Grade-I (SE)
DTCP Reg No: CGLRGN/SE/GR-1/2019/07/022
S.S. Manians Apartment,
No.5/13, Thambiah Road Extn.,
West Mambalam, Chennai-600 033.



SITE PLAN
SCALE = 1 : 200

SANITATION REQUIREMENTS FOR EDUCATIONAL OCCUPANCY							
NUMBER OF STUDENTS - EACH CLASS ROOM 25 STUDENTS							
TOTAL NUMBER OF CLASS ROOMS = 41 NOS							
TOTAL NUMBER OF BOYS IN CLASS ROOM = 615 NOS							
TOTAL NUMBER OF GIRLS IN CLASS ROOM = 410 NOS							
S.NO	SANITARY UNIT	FOR BOYS	REQUIRED FOR BOYS	PROVIDED FOR BOYS	FOR GIRLS	REQUIRED FOR GIRLS	PROVIDED FOR GIRLS
1	WATER CLOSET(W.C)	ONE FOR 40nos	16	27	ONE FOR 25nos	17	38
2	ABLUTION TAPS	ONE IN EACH W.C	16	27	ONE IN EACH W.C	17	38
3	URINALS	ONE PER EVERY 20 PUPILS	31	74	-	-	-
4	WASH BASINS	ONE FOR EVERY 40 PUPILS	16	16	ONE FOR EVERY 40 PUPILS	11	11
5	BATHS	-	-	-	-	-	-
6	DRINKING WATER FOUNTAINS	ONE FOR EVERY 50 PUPILS	13	14	ONE FOR EVERY 50 PUPILS	09	13
7	CLEANER'S SINK	ONE PER FLOOR MINIMUM	01	01 TOTAL -04nos	ONE PER FLOOR MINIMUM	01	01 TOTAL -04nos

NUMBER OF STUDENTS - EACH CLASS ROOM 25 STUDENTS			
DESCRIPTION	NO.OF CLASS ROOM	BOYS	GIRLS
GROUND FLOOR	10	150	100
FIRST FLOOR	10	150	100
SECOND FLOOR	21	315	210
TOTAL	41	615	410

