RM. MAYILERU & Co.,

CONSULTING ENGINEERS (CIVIL & MECH) ☆ CHARTERED ENGINEERS
APPROVED VALUERS ☆ INDUSTRIAL CONSULTANTS
INSURANCE SURVEYORS ☆ CRANE TESTING AUTHORITY

78 (OLD NO. 256), 3RD STREET ☆ GANDHIPURAM ☆ COIMBATORE - 641 012.
E-mail : mayileruandco@gmail.com Visit us at : www.mayileruandco.com
GSTIN : 33ADJPM0983E1ZN

Phone : 0422 - 2494942
0422 - 2497455
Cell : 87783 25799

RMM/54/MI/SY/2023 DATE: 13.10.2023

STATEMENT ACCOMPANYING FORM – A

1)	Door Number of the building	:	D.No.88, Nethaji Road
2)	Location (Street No. Ward No. name of place ie. Corporation / Municipality/ Panchayat / Panchayat Union Township Cantonment	:	MANI SCHOOL, D.No.88, Nethaji Road, TP Scheme No.3, T.S.No.1021, T.S.Ward No.10(J), Block No.67, Pappanaickenpalayam, Coimbatore North Corporation. Coimbatore – 641 037
3)	Year of construction	:	1954, 1955, 1980, 2004, 2012
4)	Approximate cost of construction as per current rates	:	Rs.7,46,03,750/-
5)	Purpose for which the building is being used or proposed to be used	:	Class Rooms, office room, Lab, Auditorium, Dining Hall, Games room, Gym and Toilet.
6)	Purpose for which the building has hither to been used	:	Class Rooms, office room, Lab, Auditorium, Dining Hall, Games room, Gym and Toilet.
7)	Details of construction of the building (particulars) of the Foundation soils specification of the various parts under	:	
	(a) Foundation	:	PCC 1:5:10, Raft 1:2:4, RRM in CM 1:6
	(b) Basement	:	RCC column, PB with 1:2:4, BW in CM 1:6
	(c) Superstructure in CM	:	RCC column, Beam with 1:2:4, BW in CM 1:6, Plastering
	(d) Floor	:	CC Floor with 1:3:6,Vitrified tiles floor in CM 1:4
	(e) Roof	:	RCC roof slab in 1:2:4, AC Sheet roof and M.tiled roof and Aluminium Sheet roof.
	(f) Plinth Area in SFT	:	RCC Roof (GF-28415+FF-22152) : 50567 Sq. Ft. AC Sheet/ CCGI Sheet/ GI Sheet (GF-3478+FF-5423+SF-5150) : 14051 Sq. Ft. Mangalore tiled roof : 2230 Sq. Ft. Total : 66,848 Sq. Ft.
8)	Period for which the licence is required	:	For the period of 3 years from 02.03.2024 to 01.03.2027.
9)	Number of persons to be accommodated	:	2502 persons (Students + Teaching Staff + Non Teaching Staff)

Station : Coimbatore
Dated : 13.10.2023

Signature of the Engineer

RM.MAYILERU, BE.M.I.E., F.I.I., A.F.I.I., C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
CBE/TOR/S.PANEL ENGINEER/Ref No.425/2018/DEC/1 DT.12/01/2018

Certified that no addition or alteration has been made to the existing building or portion of a building for which this application has been made. I undertake to obtain a fresh license in case any addition or alteration is made to the existing building or portion of building. I also undertake obtain a fresh license of the purpose for which the licence was granted for the use of the building or a portion of the building or a portion of the building originally is changed or altered subsequently.

K. Sathiamary

Signature of the owner of the building

CORRESPONDENT
MANI SCHOOL
COIMBATORE - 641 037

Phone : 0422 - 2494942
0422 - 2497455
Cell : 87783 25799

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GSTIN : 33ADJPM0983E1ZN

RMM/54/MI/SY/2023

DATE: 13.10.2023

FORM - B

(Form of Certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu Public Buildings (Licensing) Act, 1965 (Tamilnadu Act 13 of 1965) referred to in rule 4 of the Tamil Nadu Buildings (licensing) Rules 1966.

I certify that I have inspected the building mentioned in the statement and furnish below its salient technical features:-

(1) Foundation :

(i) Depth below ground level	:	2.13 m (7' 0" from GL)	
(ii) Nature of soil met with at Foundation level	:	Hard gravel.	
(iii) Pressure at Foundation	:	20.85 T / m^2	
(iv) Probable safe bearing Capacity of the Starta met with at foundation	:	36 T / m^2	

(2) Super structure :

(i) Maximum stress in the most critical section of masonry and concrete	:	RCC 1:2:4 BW in CM 1:6	0.2057 N/mm^2 0.06329 N/mm^2
(ii) Nature of masonry and Concrete and its safe permissible stress	:	RCC 1:2:4 BW in CM 1:6	5.00 N/mm^2 0.55 N/mm^2

The structural soundness of the building has been verified by me with reference to ISI loading standards 875 (latest version) and other relevant India standards code of practice and declare that the building is structurally sound to be used as a Public Building for the purpose noted in the statement. A licence may be granted for the period from 02.03.2024 to 01.03.2027 inclusive.

Date : 13.10.2023
Place : Coimbatore

Signature of the Engineer
Registration No:

RM.MAYILERU, BE,M.I.E., F.I.I, A.F.I.I, C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

Phone : 0422 - 2494942
0422 - 2497455
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GSTIN : 33ADJPM0983E1ZN

DATE: 13.10.2023

RMM/54/MI/SY/2023

FORM - C

(Form of opinion under sub-section (1) of section 5 of the Tamil Nadu Public Buildings (Licensing) Act, 1965 (Tamil Nadu Act 13 of 1965) referred to in rule 5 of the Tamil Nadu Buildings (licensing) Rules 1966).

I certify that I have inspected the building mentioned in the statement and furnish below its salient technical features:-

(1) Foundation :

(i) Depth below ground level	:	2.13 m (7' 0" from GL)	
(ii) Nature of soil met with at Foundation level	:	Hard gravel.	
(iii) Pressure at Foundation	:	20.85 T / m^2	
(iv) Probable safe bearing Capacity of the Starta met with at foundation	:	36 T / m^2	

(2) Super structure :

(i) Maximum stress in the most critical section of masonry and concrete	:	RCC 1:2:4 BW in CM 1:6	0.2057 N/mm^2 0.06329 N/mm^2
(ii) Nature of masonry and Concrete and its safe permissible stress	:	RCC 1:2:4 BW in CM 1:6	5.00 N/mm^2 0.55 N/mm^2

The structural soundness of the building has been verified by me with reference, to ISI loading standards 875 (latest version) and other relevant India standards code of practice and declare that the building is structurally sound to be used as a Public Building for the purpose noted in the statement. A license may be granted for the period from 02.03.2024 to 01.03.2027 inclusive.

Date : 13.10.2023
Place : Coimbatore

Signature of the Engineer
Registration No.

RM.MAYILERU, BE.M.I.E., F.I.I., A.F.I.I., C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
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GSTIN : 33ADJPM0983E1ZN

RMM/54/MI/SY/2023 DATE: 13.10.2023

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

1)	Location of the building Door No. Street and name place	:	MANI SCHOOL, D.No.88, Nethaji Road, TP Scheme No.3, T.S.No.1021, T.S.Ward No.10(J), Block No.67, Pappanaickenpalayam, Coimbatore North Corporation. Coimbatore – 641 037
2)	Age of the building	:	69, 68, 43, 19 & 11 years.
3)	No of Storeys	:	Ground, 1st Floor & 2nd Floor.
4)	Short Description of structure : Steel structure / R.C.C framed structure / or Load bearing structure	:	RCC Framed structure & load bearing structure.
5)	Purpose for which the building is certified for use	:	Class Rooms, office room, Lab, Auditorium, Dining Hall, Games room, Gym and Toilet.
6)	Period for which the building will be structurally sound	:	For the period of 3 years from 02.03.2024 to 01.03.2027.
7)	No. of persons to be Accommodated	:	2502 persons (Students + Teaching Staff + Non Teaching Staff)

Signature of the Engineer
Registration No.
RM.MAYILERU, BE,M.I.E., F.I.I., A.F.I.I., C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
STRUCTURAL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

DECLARATION

I, RM.Mayileru residing at 78, 3rd Street, Gandhipuram, Coimbatore - 641 012, do hereby declare that, I possess the qualification and experience specified in the table to rule 11, of the Chennai Public Buildings (Licensing) rules, 1966, for issuing the certificate of structural soundness of the building covered by the certificate.

Station : Coimbatore
Date : 13.10.2023

Signature of the certifying Engineer
RM.MAYILERU, BE,M.I.E., F.I.I., A.F.I.I., C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
STRUCTURAL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

(i) Name and Address (in Block letters): RM.MAYILERU
78, 3rd Street, Gandhipuram
Coimbatore - 641 012.
(ii) Engineering qualification: B.E, M.I.E., F.I.V., A.F.I.I., C.ENGN.
(iii) Number of years of experience and nature thereof : 32 Years
: CIVIL, MECHANICAL

PKS /SI.

PROCEEDINGS OF THE DISTRICT COLLECTOR, COIMBATORE
PRESENT : TMT. ARCHANA PATNAIK, I.A.S.,

Ref. No. 42525/2014/C2 Dated : .01.2015

Sub : Tamil Nadu Public Building Licensing Act 1965 – Upgradation of the name of Thiru R.M.Mayileru in the Panel of Private practicing Engineers from Class I (ONE) to Class IA (ONE A) category in Coimbatore District - Approval of the Board of Engineers Orders issued – Regarding.

Ref : 1. The District Collector, Coimbatore Lr. No. 42525/ 2014/C2 dt. 26.06.2014
2. The Engineer –in- Chief (WRD) and Chief Engineer (General) PWD, Chepauk, Chennai 600 005 letter No. AEE/T1/AE/21983/2014 dated 19.11.2014.

ORDER : -

The Engineer in Chief, WRD and Chief Engineer (General), Public Works Department, Chennai in the reference 2nd cited has stated that the Board of Engineers, Tamil Nadu Public Works Department in the 511th meeting held on 31.10.2014 have accorded approval for the inclusion of name of Thiru R.M.Mayileru (Date of Birth 3.12.1950) in the panel of private practicing Engineers from Class I (ONE) to Class IA (ONE A) Category (The value of building works cost exceeding of Rs. 50,00,000 (fifty Lakhs only) as per G.O.Ms. No. 43, Municipal Administration. and Water Supply (M.A.4) Dept., dt. 17.02.2011), in Coimbatore District.

Accordingly the name of Thiru R.M.Mayileru, residing at No. 256, 3rd Street, Gandhipuram, Coimbatore 641012 in the panel of Private practicing Engineers from Class I (ONE) to Class IA (ONE – A) Category (The value of building works cost exceeds of Rs. 50,00,000/- (Fifty lakhs only) in Coimbatore District has been entered against Sl.No. 30/2014-15 in the register of panel of Private Practicing Engineer maintained in this office.

Sd/- Archana Patnaik,
District Collector,
Coimbatore.

To
Thiru R.M.Mayileru,
No.256, 3rd Street,
Gandhipuram,
Coimbatore 641012

RM.MAYILERU, B.E.M.I.E., F.I.I./A.F.I.I., C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

Copy to :
1) The Engineer in Chief WRD and Chief Engineer (General) PWD, Chennai.5
2) Superintending Engineer, PWD, Coimbatore
3) Stock File C2.

RM. Mayileru & Co

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Client : MANI SCHOOL, PAPPANAYAKKAN PALAYAM

Doc No : RMM/Mani School/01

File : MANI SCHOOL

Date : 13.10.2023

EARTHQUAKE DESIGN CALCULATION SHEET

Number of Stories 3 (G+2)

Basement (R.C.C)

Items	Length	Breath/Wide	Thick/Ht	Unit Wt.	Weight
P.C.C 1:5:10	1.50 m	1.50 m	0.15 m	2400.00 kg/m³	810 kg
R.C.C RAFT	1.50 m	1.50 m	0.30 m	2500.00 kg/m³	1688 kg
R.C.C COLUMN	0.23 m	0.23 m	1.66 m	2500.00 kg/m³	220 kg
R.C.C PLINTH BEAM	6.57 m	0.23 m	0.45 m	2500.00 kg/m³	1700 kg
BRICK WORK	3.09 m	0.23 m	0.45 m	1930.00 kg/m³	617 kg
BRICK WORK	3.48 m	0.23 m	0.45 m	1930.00 kg/m³	695 kg
				Total Load in Ton	5.73 T

GROUND FLOOR (R.C.C)

Items	Length	Breath/Wide	Thick/Ht	Unit Wt.	Weight
R.C.C COLUMN	0.23 m	0.23 m	3.53 m	2500.00 kg/m³	467 kg
R.C.C BEAM	3.09 m	0.23 m	0.33 m	2500.00 kg/m³	586 kg
R.C.C BEAM	2.94 m	0.23 m	0.18 m	2500.00 kg/m³	304 kg
ROOF SLAB	3.17 m	3.09 m	0.13 m	2500.00 kg/m³	3061 kg
BRICK WORK	3.48 m	0.23 m	3.35 m	1930.00 kg/m³	5175 kg
BRICK WORK	3.09 m	0.23 m	3.20 m	1930.00 kg/m³	4389 kg
BEAM SIDE PLASTERING	6.17 m	0.33 m	—	15.00 kg/m²	31 kg
WALL PLASTERING	4 1.47 m	3.53 m	—	15.00 kg/m²	311 kg
WALL PLASTERING	6.17 m	3.53 m	—	15.00 kg/m²	327 kg
CEILING PLASTERING	2.94 m	3.09 m	—	15.00 kg/m²	136 kg
				Total Load in Ton	14.79 T

FIRST FLOOR (R.C.C)

Items	Length	Breath/Wide	Thick/Ht	Unit Wt.	Weight
R.C.C COLUMN	0.23 m	0.23 m	3.53 m	2500.00 kg/m³	467 kg
R.C.C BEAM	3.09 m	0.23 m	0.33 m	2500.00 kg/m³	586 kg
R.C.C BEAM	2.94 m	0.23 m	0.18 m	2500.00 kg/m³	304 kg
ROOF SLAB	3.17 m	3.09 m	0.13 m	2500.00 kg/m³	3061 kg
BRICK WORK	3.48 m	0.23 m	3.35 m	1930.00 kg/m³	5175 kg
BRICK WORK	3.09 m	0.23 m	3.20 m	1930.00 kg/m³	4389 kg
BEAM SIDE PLASTERING	6.17 m	0.33 m	—	15.00 kg/m²	31 kg
WALL PLASTERING	4 1.47 m	3.53 m	—	15.00 kg/m²	311 kg
WALL PLASTERING	6.17 m	3.53 m	—	15.00 kg/m²	327 kg

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Load Page

RM. Mayileru & Co

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Client : MANI SCHOOL,
PAPPANAYAKKAN PALAYAM

Doc No : RMM/Mani School/01

File : MANI SCHOOL

Date : 13.10.2023

EARTHQUAKE DESIGN CALCULATION SHEET

CEILING PLASTERING	2.94 m	3.09 m	—	15.00 kg/m²	136 kg
FLOOR FINISH	2.94 m	3.09 m	—	65.00 kg/m²	590 kg
LIVE LOAD	2.94 m	3.09 m	—	200.00 kg/m²	1817 kg
				Total Load in Ton	17.20 T

SECOND FLOOR

Items	Length	Breath/Wide	Thick/Ht	Unit Wt.	Weight
COLUMN	0.23 m	0.23 m	0.90 m	2500.00 kg/m³	119 kg
BRICK WORK	5.88 m	0.23 m	0.90 m	1930.00 kg/m³	2349 kg
ROOF TRUSS	5.21 m	6.11 m	—	38.00 kg/m²	1210 kg
SIDE CLADDING	6.11 m	3.02 m	—	28.00 kg/m²	517 kg
FLOOR FINISH	3.09 m	6.11 m	—	65.00 kg/m²	1227 kg
LIVE LOAD	3.09 m	6.11 m	—	200.00 kg/m²	3776 kg
				Total Load in Ton	9.20 T

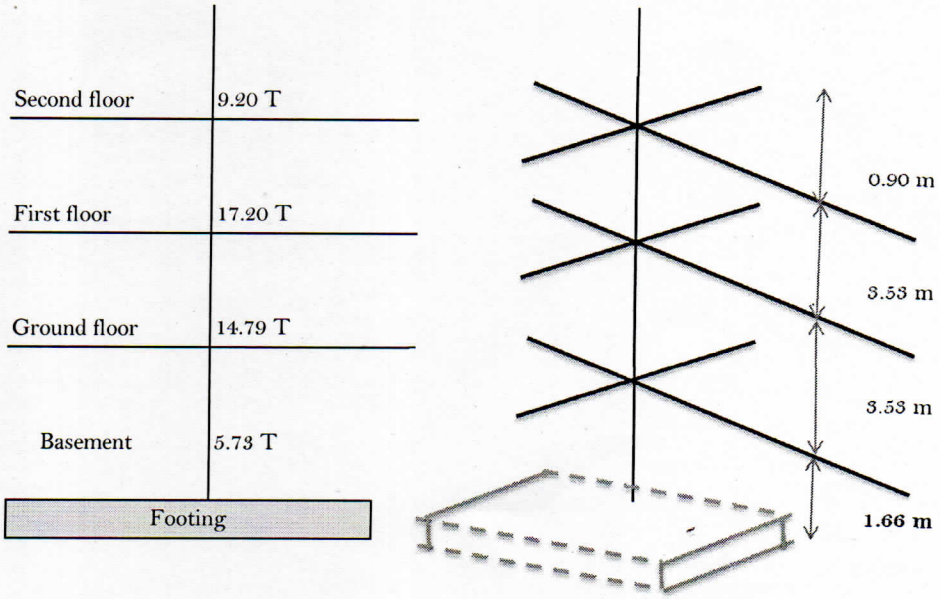
LOAD SUMMARY (R.C.C)

		Total Load	Height
Basement (R.C.C)	=	5.73 T	1.66 m
Ground floor (R.C.C)	=	14.79 T	3.53 m
First floor (R.C.C)	=	17.20 T	3.53 m
Second floor	=	9.20 T	0.90 m

Number of Stories **3** **(G+2)**

So Average Height = 3.21 m

Total Load = 46.91 T



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Client	:	MANI SCHOOL, PAPPANAYAKKAN PALAYAM	Doc No	:	RMM/Mani School/01
File	:	MANI SCHOOL	Date	:	13.10.2023

EARTHQUAKE DESIGN CALCULATION SHEET

EARTHQUAKE ANALYSIS :
Equivalent Static Method - IS 1893 (Part-1) : 2016

ZONE FACTOR **Z** = 0.16

IMPORTANCE FACTOR **I** = 1.5

SPEED ACCELERATION CRITERIA **Sa/g** = 1.225

RESPONSE REDUCTION. FACTOR **R** = 5

$$A_h = \frac{Z \times I \times Sa/g}{2R}$$

$$= \frac{0.16 \times 1.5 \times 1.225}{2 \times 5}$$

$$\mathbf{A_h} = \mathbf{0.029}$$

Base Shear $V_b = A_h . W$

$= 0.029 \times 46.91$

$\mathbf{V_b} = \mathbf{1.36\ T}$

Design Lateral Force

Where

Q_i = *Design lateral force at floor i,*

W = *Seismic weight of floor i,*

h_i = *Height of floor i measured from base,*

n = *Number of storeys in building, that is, number of levels at which masses are located.*

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EARTHQUAKE DESIGN CALCULATION SHEET

$$Q_i = \left(\frac{W_i h_i^2}{\sum_{j=1}^{n} W_j h_j^2} \right) V_B$$

S*	Wi	hi	Wihi²	Wihi²/ ∑Wihi²	V_b	Q_i	Mi
3	9.20 T	7.96 m	582.78 T.m²	0.36	1.36 T	0.49 T	3.88 T.m
2	17.20 T	7.06 m	857.06 T.m²	0.53	1.36 T	0.72 T	5.07 T.m
1	14.79 T	3.53 m	184.27 T.m²	0.11	1.36 T	0.15 T	0.54 T.m
		∑Wihi²	1624.11 T.m²				

Q_1 = 0.49 T
Q_1 = 0.72 T
Q_1 = 0.15 T

Shear at GL 0.49 T
Shear at GL 0.72 T
Shear at GL 0.15 T

Check for Moment capacity

$M_{u,lim}$ = 0.138 f_{ck} bd^2 b = 230 mm
= 0.138x20 x0.23x0.35 d = 350 mm
= 77763000 N.mm = **78 KN.m**

Check for reinforcement

$A_{st, requ}$ = 377.14 mm²
$A_{st, prov}$ = 20 mm Ø 4 Nos **1256.64 mm²**

Hence the column can withstand the earthquake loads

Maximum stress in the most critical section of brick Masonry

Total load to brick work base = Basement B.W

Base area = 6.57 m X 0.23 m = 1.51 m²

Per Sq.m load = $\frac{9564.27}{1.51\ m^2}$ = **6.33 T/m²**

Brick work in C.M 1:6 will take 55 T/m²

HENCE SAFE

Stress at critical point of brick masonry = 0.06329 N/m²

Check For footing

Footing Size 1.50 m x 1.50 m

Now the load transfereing to the soil will be computed as follows

Stress to soil = $\frac{\text{Total Load}}{\text{Area}} = \frac{46.91\ T}{1.5 \times 1.5}$

= 20.85 T/m²

Permissiable SBC of soil is 36.00 T/m² (Tested and given by the client engineer)

HENCE SOIL IS CAPABLE TO CARRY THE LOADS SAFELY

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File : MANI SCHOOL

Date : 13.10.2023

EARTHQUAKE DESIGN CALCULATION SHEET

$$Q_i = \left(\frac{W_i h_i^2}{\sum_{j=1}^{n} W_j h_j^2} \right) V_B$$

S*	Wi	hi	Wihi²	Wihi²/ ∑Wihi²	V_b	Q_i	Mi
3	9.20 T	7.96 m	582.78 T.m²	0.36	1.36 T	0.49 T	3.88 T.m
2	17.20 T	7.06 m	857.06 T.m²	0.53	1.36 T	0.72 T	5.07 T.m
1	14.79 T	3.53 m	184.27 T.m²	0.11	1.36 T	0.15 T	0.54 T.m
		∑Wihi²	1624.11 T.m²				

Q_1 = 0.49 T
Q_1 = 0.72 T
Q_1 = 0.15 T

Shear at GL 0.49 T
Shear at GL 0.72 T
Shear at GL 0.15 T

Check for Moment capacity

$M_{u,lim}$ = 0.138 f_{ck} bd^2 b = 230 mm

= 0.138x20 x0.23x0.35 d = 350 mm

= 77763000 N.mm = **78 KN.m**

Check for reinforcement

$A_{st, requ}$ = 377.14 mm²

$A_{st, prov}$ = 20 mm Ø 4 Nos **1256.64 mm²**

Hence the column can withstand the earthquake loads

Maximum stress in the most critical section of brick Masonry

Total load to brick work base = Basement B.W

Base area = 6.57 m X 0.23 m = 1.51 m²

Per Sq.m load = 9564.27 / 1.51 m² = **6.33 T/m²**

Brick work in C.M 1:6 will take 55 T/m²

HENCE SAFE

Stress at critical point of brick masonry = 0.06329 N/m²

Check For footing

Footing Size 1.50 m x 1.50 m

Now the load transfereing to the soil will be computed as follows

Stress to soil = Total Load / Area = 46.91 T / 1.5 x 1.5

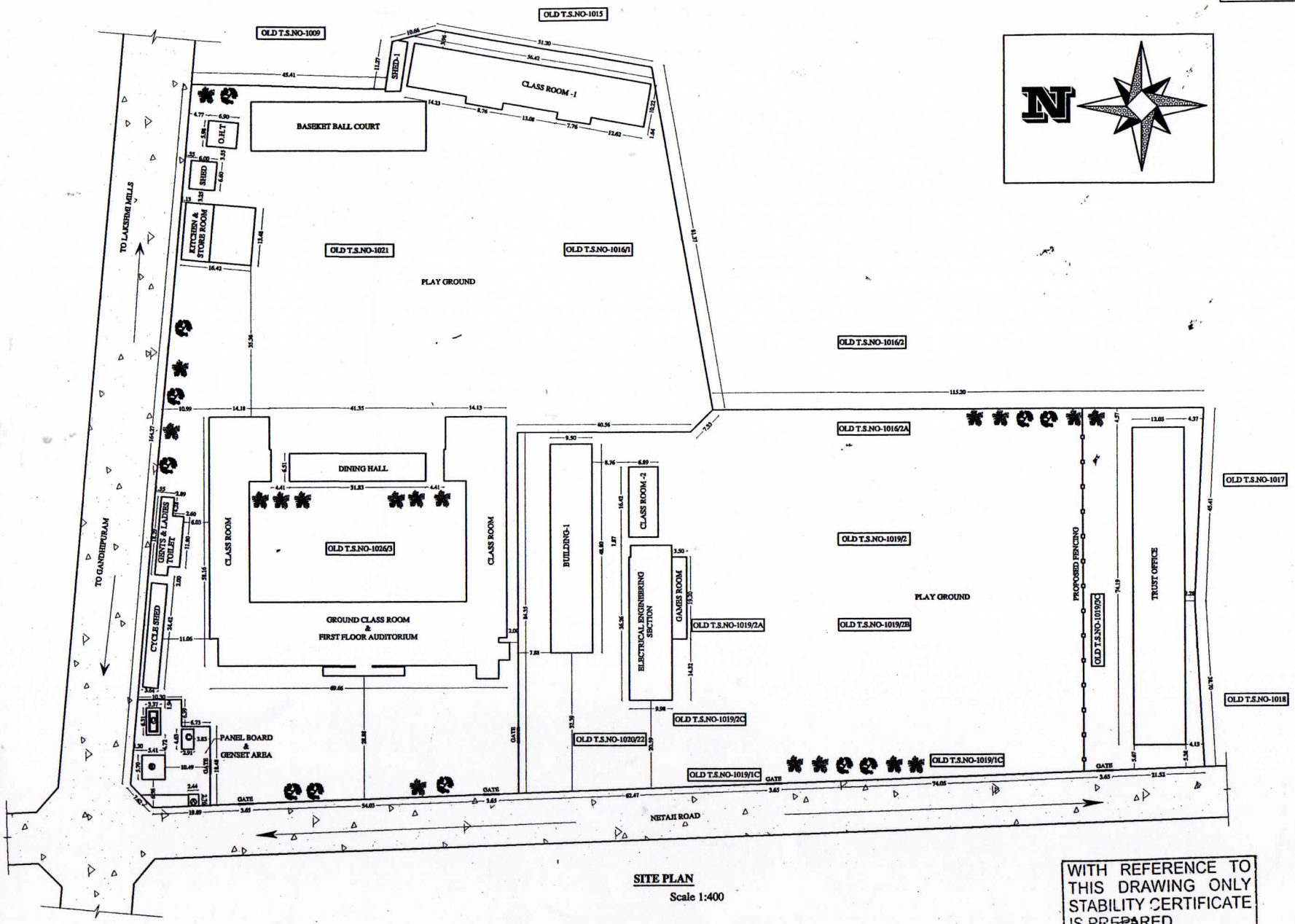
= 20.85 T/m²

Permissiable SBC of soil is 36.00 T/m² (Tested and given by the client engineer)

HENCE SOIL IS CAPABLE TO CARRY THE LOADS SAFELY

RM.MAYILERU, BE.M.I.E., F.I., A.F.I.I. C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
(COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

SHEET NO: 01/07



SITE PLAN

Scale 1:400

WITH REFERENCE TO THIS DRAWING ONLY STABILITY CERTIFICATE IS PREPARED

AREA DETAILS

BUILDING COVERED AREA IN MANI SCHOOL

S.NO	DESCRIPTION	AREA (SQ.M)	AREA (SQ.FT)
A	TOTAL SITE AREA	31370.26	337666.70
1	MAIN BLOCK		
	GROUND FLOOR AREA	2037.102	21927.18
	FIRST FLOOR AREA	2037.102	21927.18
2	EASTERN BLOCK		
	GROUND FLOOR AREA	546.12	5878.44
	FIRST FLOOR AREA	524.70	5647.87
	SECOND FLOOR AREA	478.49	5150.46
3	SHED -1	39.6	426.25
4	OVER HEAD WATER TANK	10.31	110.97
5	SHED	29.39	316.35
6	KITCHEN & STORE ROOM	55.335	595.62
7	DINING HALL	207.213	2230.422
8	GENTS & LADIES TOILET	83.55	899.3
9	CYCLE SHED	89.377	962.046
10	PANEL BOARD & GENSET AREA		
	a. PANEL BOARD	6.740	72.540
	b. CLOSED GENSET	30.859	332..160
	c. WATER STORAGE	13.443	144.690
	d. OPEN GENSET	21.249	228.720
B	TOTAL BUILDING AREA		
C	GROUND FLOOR AREA	3170.288	34124.98
	FIRST FLOOR AREA	2561.802	27575.24
	SECOND FLOOR AREA	478.49	5150.46
D	BALANCE OTS	14562.986	156755.98

BUILDING COVERED AREA IN RAJAKONDALAR MATRICULATION HIGHER SECONDARY SCHOOL

E	TOTAL SITE AREA	11344.021	122107.042
I	BUILDING -1 (Ground Floor)	463.600	4990.149
	BUILDING -1 (1st Floor)	463.600	4990.149
	BUILDING -1 (2nd Floor)	463.600	4990.149
	BUILDING -1 (3rd Floor)	463.600	4990.149
II	ELECTRICAL ENGINEERING SECTION	360.831	3883.953
III	CLASS ROOM -2	113.134	1217.764
IV	GAMES ROOM	67.20	723.33
F	TOTAL BUILDING AREA	1004.765	10815.29
G	BALANCE OTS	10339.256	111291.752

TRUST AREA

H	TOTAL SITE AREA	2292.965	24681.475
(i)	TRUST OFFICE	892.484	9606.618
I	BALANCE OTS	1400.481	15074.78

SKETCH SHOWING THE EXISTING & PROPOSED SCHOOL BUILDING FOR M/S. MANI SCHOOL IN NEW T.S NO- 1021 OF WARD NO - 10(J), BLOCK NO - 67 (OLD T.S NO- 1016/2A, 1016/1, 1019/2B, 1019/3C, 1019/4C, 1020/2C, 1020/2A, 1020/1C1, 1020/1C2, & 1026/3B), AT P.N. PALAYAM, COIMBATORE - 641037.

CLIENT:-
M/S. MANI SCHOOL

TITLE:-
SITE PLAN

RM.Mayileru & Co
365, 1st FLOOR, BHARATHIYAR ROAD, NEW SIDDAPUDUR, GANTHIPURAM, COIMBATORE - 641044
E-Mail ID: mayileruandco@gmail.com
Ph.No: 0422-4384942

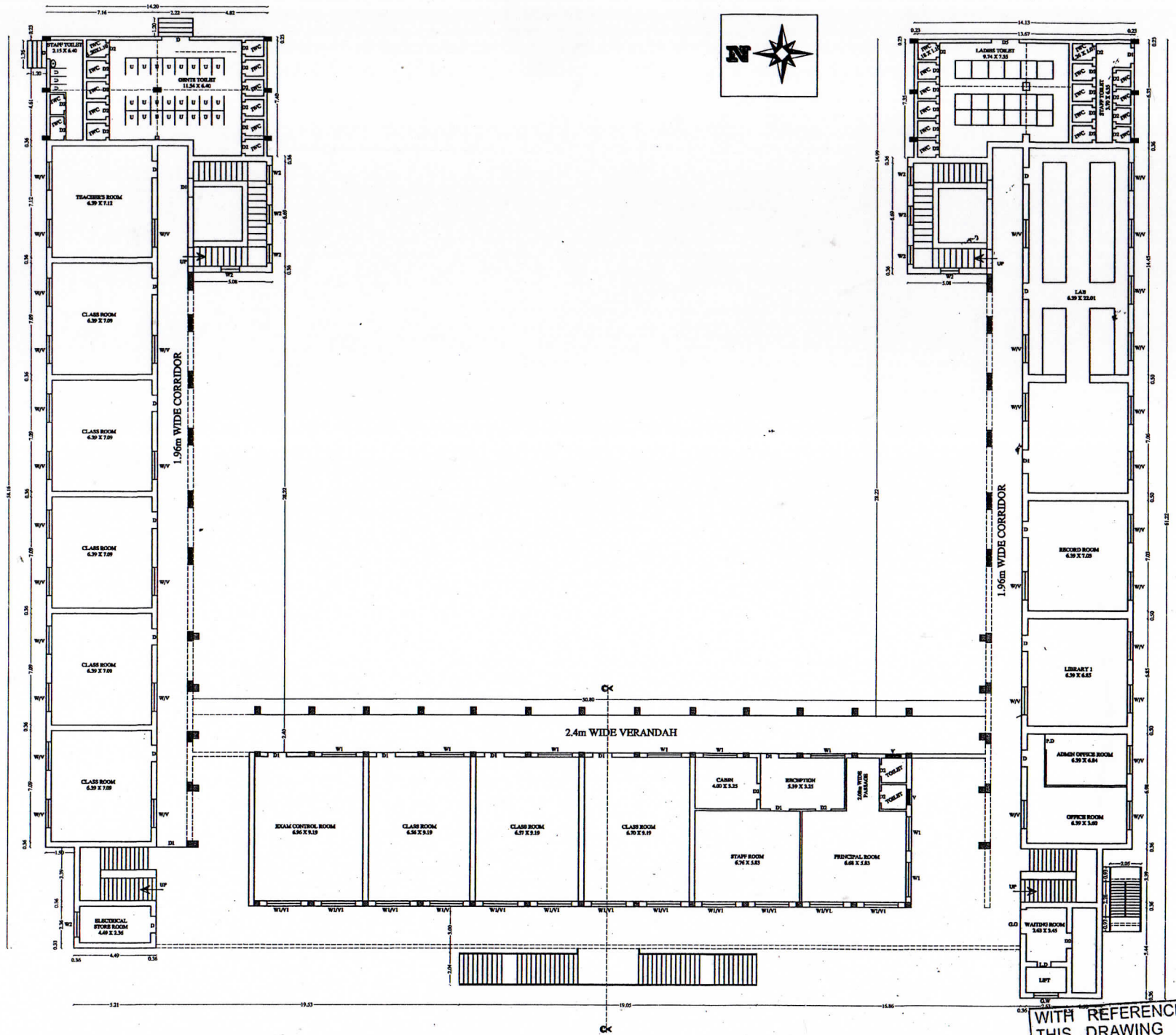
TITLE	SITE PLAN
DATE	30-12-2023
DRAWN BY	R.S
CHECKED BY	P.K.S
APPROVED BY	RMM
SCALE	1:400
DRAWING NO	RMM/MHSS/2023/001

APPLICANT

RM.MAYILERU, BE.M.I.E., F.I.I., A.F.I.I., C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.42[illegible])

ENGINEER

SHEET NO: 02/07



PLAN OF GROUND FLOOR
Scale 1:100

WITH REFERENCE TO THIS DRAWING ONLY STABILITY CERTIFICATE IS PREPARED

SKETCH SHOWING THE EXISTING & PROPOSED SCHOOL BUILDING FOR M/S. MANI SCHOOL IN NEW T.S NO- 1021 OF WARD NO - 10(J), BLOCK NO - 67 (OLD T.S NO- 1016/2A, 1016/1, 1019/2B, 1019/3C, 1019/4C, 1020/2C, 1020/2A, 1020/1C1, 1020/1C2, & 1026/3B), AT P.N. PALAYAM, COIMBATORE - 641037.

CLIENT:-

M/S. MANI SCHOOL

TITLE:-

GROUND FLOOR PLAN OF MAIN BUILDING

AREA DETAILS			
S.NO	DESCRIPTION	AREA (SQ.M)	AREA (SQ.FT)
1	GROUND FLOOR	2037.102	21927.180

JOINERY DETAILS		
DESCRIPTION	SYM	SIZE (m)
DOOR	D	1.05 X 2.44
DOOR	D1	1.20 X 2.44
DOOR	D2	0.75 X 2.13
DOOR	D3	1.00 X 2.13
DOOR	D4	1.5 X 2.44
DOOR	D5	1.8 X 2.44
GLASS DOOR	G.D	1.5 X 2.13
LIFT DOOR	L.D	0.9 X 2.00
STEEL DOOR	S.D	1.20 X 2.1
WINDOW	W	1.80 X 1.52
WINDOW	W1	2.20 X 1.52
WINDOW	W2	1.20 X 1.52
GLASS WINDOW	G.W	1.60 X 6.62
VENTILATOR	V	1.22 X 0.60
VENTILATOR	V1	2.21 X 0.60
VENTILATOR	V2	0.60 X 0.60

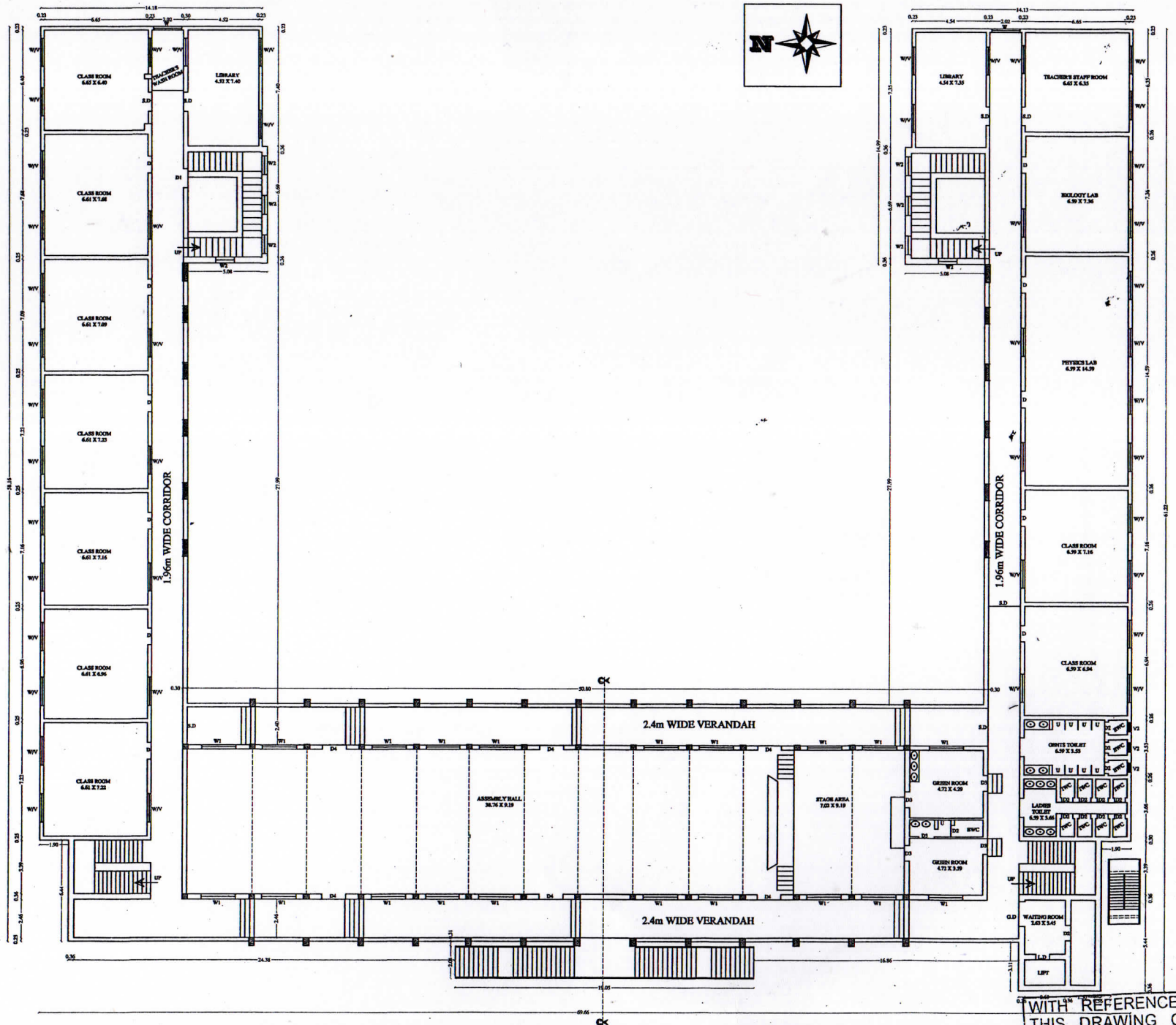
TITLE	GROUND FLOOR
DATE	30-12-2023
DRAWN BY	R.S
CHECKED BY	P.K.S
APPROVED BY	RMM
SCALE	1:100, 1:50
DRAWING NO	RMM/MHSS/2023/001

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APPLICANT

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APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

ENGINEER



PLAN OF FIRST FLOOR
Scale 1:100

WITH REFERENCE TO THIS DRAWING ONLY STABILITY CERTIFICATE IS PREPARED

SKETCH SHOWING THE EXISTING & PROPOSED SCHOOL BUILDING FOR M/S. MANI SCHOOL IN NEW T.S NO- 1021 OF WARD NO - 10(J), BLOCK NO - 67 (OLD T.S NO- 1016/2A, 1016/1, 1019/2B, 1019/3C, 1019/4C, 1020/2C, 1020/2A, 1020/1C1, 1020/1C2, & 1026/3B), AT P.N. PALAYAM, COIMBATORE - 641037.

CLIENT:-

M/S. MANI SCHOOL

TITLE:-

GROUND FLOOR PLAN OF MAIN BUILDING

AREA DETAILS			
S.NO	DESCRIPTION	AREA (SQ.M)	AREA (SQ.FT)
1	GROUND FLOOR	2037.102	21927.180

JOINERY DETAILS		
DESCRIPTION	SYM	SIZE (m)
DOOR	D	1.05 X 2.44
DOOR	D1	1.20 X 2.44
DOOR	D2	0.75 X 2.13
DOOR	D3	1.00 X 2.13
DOOR	D4	1.5 X 2.44
DOOR	D5	1.8 X 2.44
GLASS DOOR	G.D	1.5 X 2.13
LIFT DOOR	L.D	0.9 X 2.00
STEEL DOOR	S.D	1.20 X 2.1
WINDOW	W	1.80 X 1.52
WINDOW	W1	2.20 X 1.52
WINDOW	W2	1.20 X 1.52
GLASS WINDOW	G.W	1.60 X 6.62
VENTILATOR	V	1.22 X 0.60
VENTILATOR	V1	2.21 X 0.60
VENTILATOR	V2	0.60 X 0.60

TITLE	FIRST FLOOR
DATE	30-12-2023
DRAWN BY	R.S
CHECKED BY	P.K.S
APPROVED BY	RMM
SCALE	1:100, 1:50
DRAWING NO	RMM/MHSS/2023/001

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APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

ENGINEER

SHEET NO: 03/07

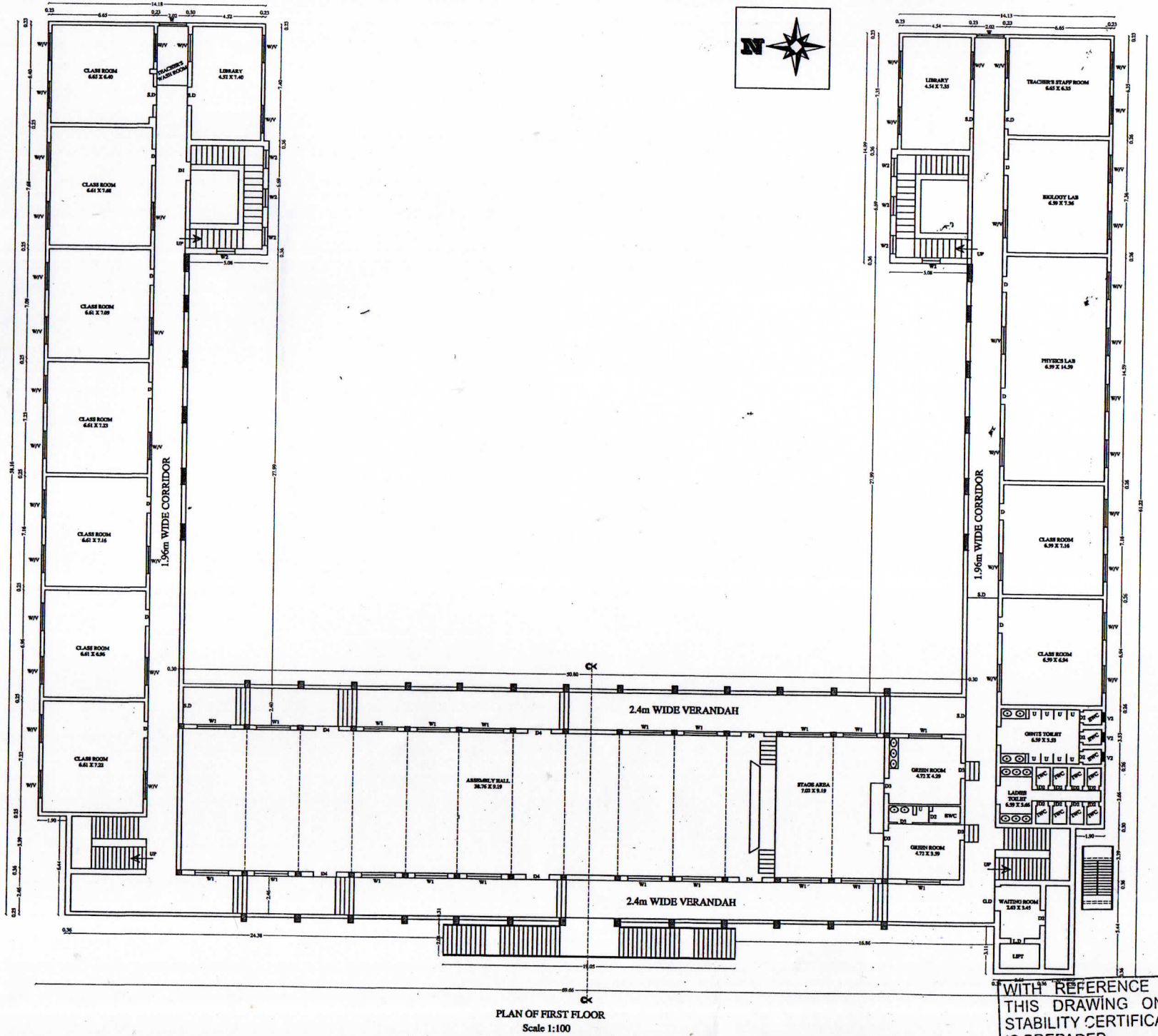
SKETCH SHOWING THE EXISTING & PROPOSED SCHOOL BUILDING FOR M/S. MANI SCHOOL IN NEW T.S NO- 1021 OF WARD NO - 10(J), BLOCK NO - 67 (OLD T.S NO- 1016/2A, 1016/1, 1019/2B, 1019/3C, 1019/4C, 1020/2C, 1020/2A, 1020/1C1, 1020/1C2, & 1026/3B), AT P.N. PALAYAM, COIMBATORE - 641037.

CLIENT:-

M/S. MANI SCHOOL

TITLE:-

GROUND FLOOR PLAN OF MAIN BUILDING



PLAN OF FIRST FLOOR
Scale 1:100

AREA DETAILS			
S.NO	DESCRIPTION	AREA (SQ.M)	AREA (SQ.FT)
1	GROUND FLOOR	2037.102	21927.180

JOINERY DETAILS		
DESCRIPTION	SYM	SIZE (m)
DOOR	D	1.05 X 2.44
DOOR	D1	1.20 X 2.44
DOOR	D2	0.75 X 2.13
DOOR	D3	1.00 X 2.13
DOOR	D4	1.5 X 2.44
DOOR	D5	1.8 X 2.44
GLASS DOOR	G.D	1.5 X 2.13
LIFT DOOR	L.D	0.9 X 2.00
STEEL DOOR	S.D	1.20 X 2.1
WINDOW	W	1.80 X 1.52
WINDOW	W1	2.20 X 1.52
WINDOW	W2	1.20 X 1.52
GLASS WINDOW	G.W	1.60 X 6.62
VENTILATOR	V	1.22 X 0.60
VENTILATOR	V1	2.21 X 0.60
VENTILATOR	V2	0.60 X 0.60

TITLE	FIRST FLOOR
DATE	30-12-2023
DRAWN BY	R.S
CHECKED BY	P.K.S
APPROVED BY	RMM
SCALE	1:100, 1:50
DRAWING NO	RMM/MHSS/2023/001

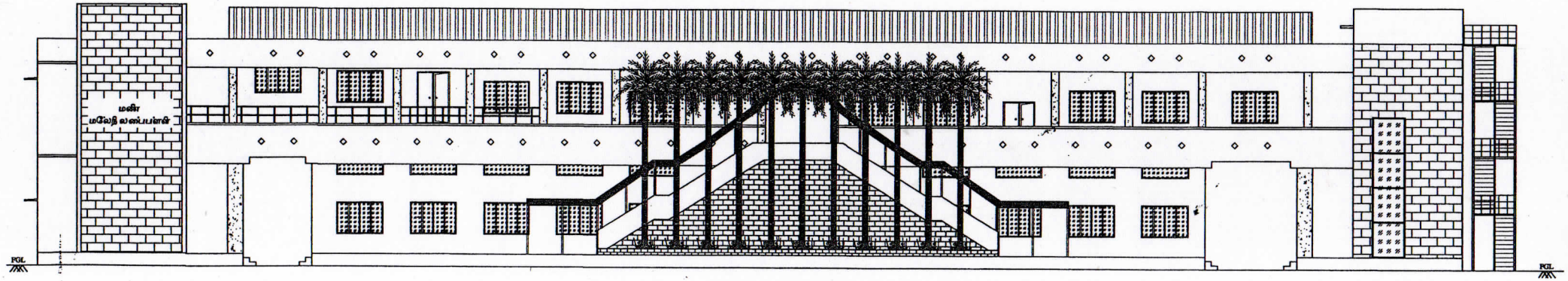
RM.Mayileru & Co
365, 1st FLOOR, BHARATHIYAR ROAD,
NEW SIDDAPUDUR, GANTHIPURAM,
COIMBATORE - 641044
E-Mail ID: mayileruandco@gmail.com
Ph.No. 0422-4394942

APPLICANT

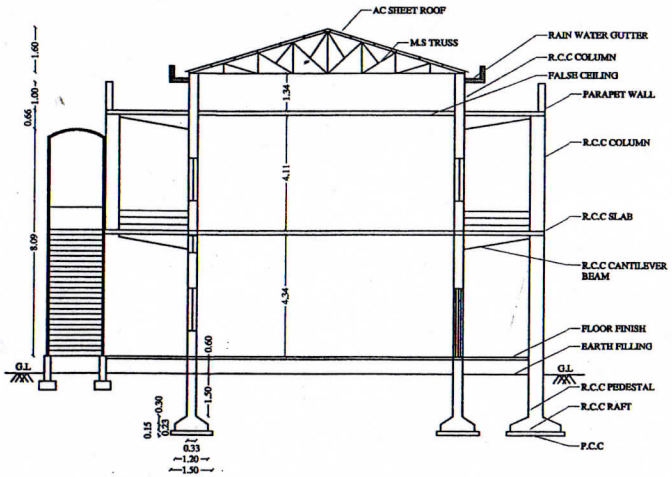
WITH REFERENCE TO THIS DRAWING ONLY STABILITY CERTIFICATE IS PREPARED

RM.MAYILERU, BE.M.I.E., F.I.I., A.F.I.I., C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 DL12/01/2015)

ENGINEER



ELEVATION OF MAIN BUILDING
Scale 1:100



SECTION "C-C" OF MAIN BUILDING
Scale 1:100

WITH REFERENCE TO THIS DRAWING ONLY STABILITY CERTIFICATE IS PREPARED

SKETCH SHOWING THE EXISTING & PROPOSED SCHOOL BUILDING FOR M/S. MANI SCHOOL IN NEW T.S NO- 1021 OF WARD NO - 10(J), BLOCK NO - 67 (OLD T.S NO- 1016/2A, 1016/1, 1019/2B, 1019/3C, 1019/4C, 1020/2C, 1020/2A, 1020/1C1, 1020/1C2, & 1026/3B), AT P.N. PALAYAM, COIMBATORE - 641037.

CLIENT:-

M/S. MANI SCHOOL

TITLE:-

SECTION & ELEVATION OF MAIN BUILDING

TITLE	SECTION & ELEVATION
DATE	30-12-2023
DRAWN BY	R.S
CHECKED BY	P.K.S
APPROVED BY	RMM
SCALE	1:100, 1:50
DRAWING NO	RMM/MHSS/2023/001

RM.Mayileru & Co
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CONSULTING ENGINEER
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COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

ENGINEER

SHEET NO: 05/07

SKETCH SHOWING THE EXISTING & PROPOSED SCHOOL BUILDING FOR M/S. MANI SCHOOL IN NEW T.S NO- 1021 OF WARD NO - 10(J), BLOCK NO - 67 (OLD T.S NO- 1016/2A, 1016/1, 1019/2B, 1019/3C, 1019/4C, 1020/2C, 1020/2A, 1020/1C1, 1020/1C2, & 1026/3B), AT P.N. PALAYAM, COIMBATORE - 641037.

CLIENT:-

M/S. MANI SCHOOL

TITLE:-

PLAN, SECTION & ELEVATION OF THE ANCILLARY BUILDING

AREA DETAILS:-

AREA DETAILS			
S.NO	DESCRIPTION	AREA (SQ.M)	AREA (SQ.FT)
1	DINING HALL	207.213	2230.422
2	SHED	39.600	426.251
3	WATER TANK	10.310	110.970

JOINERY DETAILS		
DESCRIPTION	SYM	SIZE (m)
DOOR	D	1.5 X 2.22
DOOR	D1	0.69 X 1.55
WINDOW	W	1.78 X 1.30
WINDOW	W1	0.75 X 1.20
VENTILATOR	V	1.00 X 0.6

PLAN OF DINING
Scale 1:100

ELEVATION OF DINING
Scale 1:100

PLAN OF SHED
Scale 1:100

PLAN OF WATER TANK
Scale 1:50

PLAN OF GENTS TOILET
Scale 1:100

SECTION "B-B" OF GENTS TOILET
Scale 1:100

ELEVATION OF GENTS TOILET
Scale 1:100

SECTION "E-E" OF DINING
Scale 1:100

ELEVATION OF WATER TANK
Scale 1:50

PLAN OF KITCHEN & STORE ROOM
Scale 1:50

SECTION "D-D" OF KITCHEN & STORE ROOM
Scale 1:50

ELEVATION OF KITCHEN & STORE ROOM
Scale 1:50

SECTION "F-F" OF SHED
Scale 1:100

ELEVATION OF GENTS & LADIES TOILET
Scale 1:100

ELEVATION OF SHED
Scale 1:100

SECTION "C-C"OF GENTS & LADIES TOILET
Scale 1:50

SECTION "G-G" OF WATER TANK
Scale 1:50

ELEVATION OF CYCLE SHED
Scale 1:100

PLAN OF CYCLE SHED
Scale 1:100

SECTION "A-A" OF CYCLE SHED
Scale 1:50

PLAN OF GENTS & LADIES TOILET
Scale 1:100

WITH REFERENCE TO THIS DRAWING ONLY STABILITY CERTIFICATE IS PREPARED

TITLE	ANCILLARY BUILDING
DATE	30-12-2023
DRAWN BY	R.S
CHECKED BY	P.K.S
APPROVED BY	RMM
SCALE	1:100, 1:50
DRAWING NO	RMM/MHSS/2023/001

RM.Mayileru & Co
365, 1st FLOOR, BHARATHIYAR ROAD,
NEW SIDDAPUDUR, GANTHIPURAM,
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APPLICANT

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APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 Dt.12/01/2015)

ENGINEER

SHEET NO: 06/07

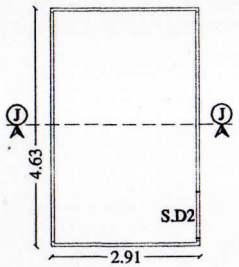
SKETCH SHOWING THE EXISTING & PROPOSED SCHOOL BUILDING FOR M/S. MANI SCHOOL IN NEW T.S NO- 1021 OF WARD NO - 10(J), BLOCK NO - 67 (OLD T.S NO- 1016/2A, 1016/1, 1019/2B, 1019/3C, 1019/4C, 1020/2C, 1020/2A, 1020/1C1, 1020/1C2, & 1026/3B), AT P.N. PALAYAM, COIMBATORE - 641037.

CLIENT:-

M/S. MANI SCHOOL

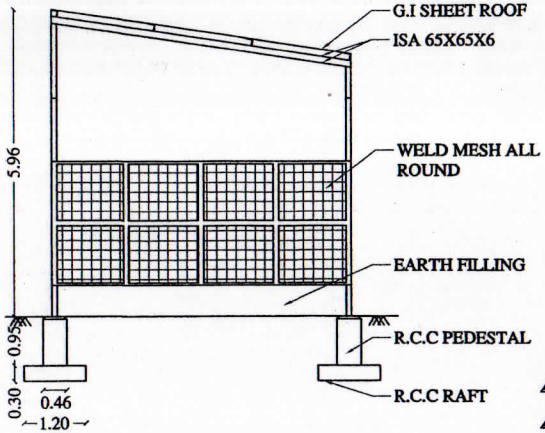
TITLE:-

PLAN, SECTION & ELEVATION OF THE ANCILLARY BUILDING



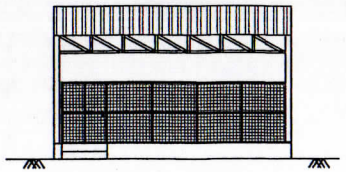
PLAN OF WATER STORAGE

Scale 1:100



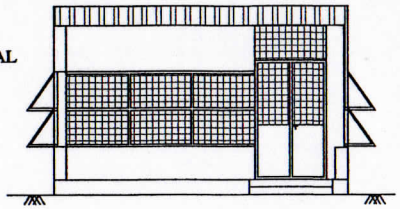
SECTION "J-J" OF WATER STORAGE

Scale 1:100



ELEVATION OF WATER STORAGE

Scale 1:100



ELEVATION OF CLOSED GENSET

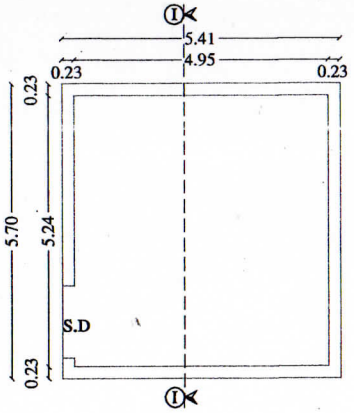
Scale 1:100

TITLE	ANCILLARY BUILDING
DATE	30-12-2023
DRAWN BY	R.S
CHECKED BY	P.K.S
APPROVED BY	RMM
SCALE	1:100, 1:50
DRAWING NO	RMM/MHSS/2023/001

AREA DETAILS:-

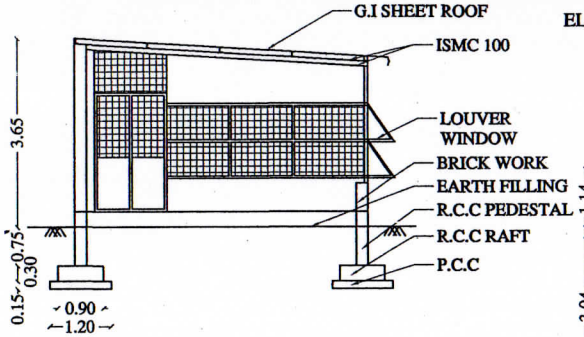
AREA DETAILS			
S.NO	DESCRIPTION	AREA (SQ.M)	AREA (SQ.FT)
1	PANEL BOARD	6.740	72.540
2	OPEN GENSET	21.249	228.720
3	CLOSED GENSET	30.859	332.160
4	WATER STORAGE	13.443	144.690

JOINERY DETAILS		
DESCRIPTION	SYM	SIZE (m)
STEEL DOOR	S.D	1.40 X 2.30
STEEL DOOR	S.D 1	0.75 X 1.97
STEEL DOOR	S.D 2	0.9 X 1.20



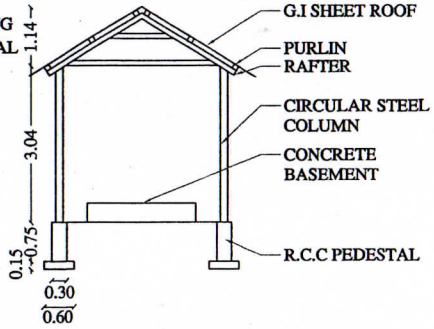
PLAN OF CLOSED GENSET

Scale 1:100



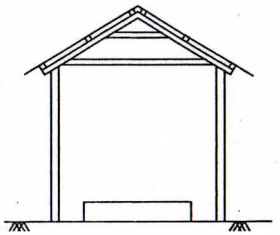
SECTION "I-I" OF CLOSED GENSET

Scale 1:100



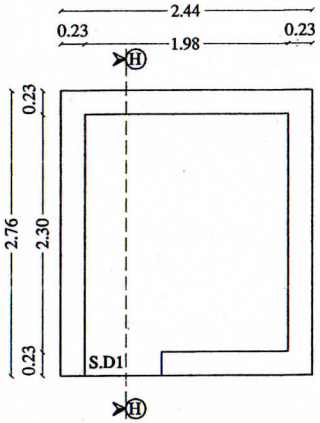
SECTION "K-K" OF OPEN GENSET

Scale 1:50



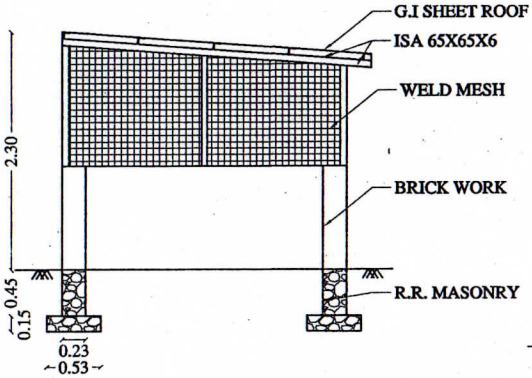
SECTION OF OPEN GENSET

Scale 1:100



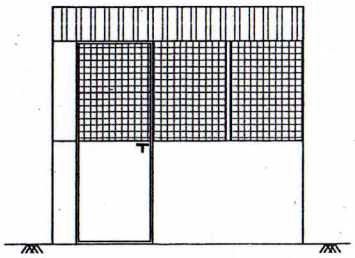
PLAN OF PANEL BOARD

Scale 1:50



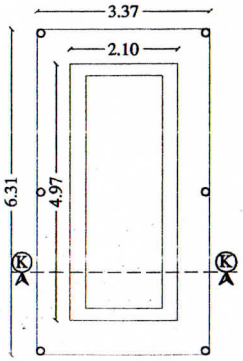
SECTION "H-H"OF PANEL BOARD

Scale 1:50



ELEVATION OF PANEL BOARD

Scale 1:50



PLAN OF OPEN GENSET

Scale 1:100

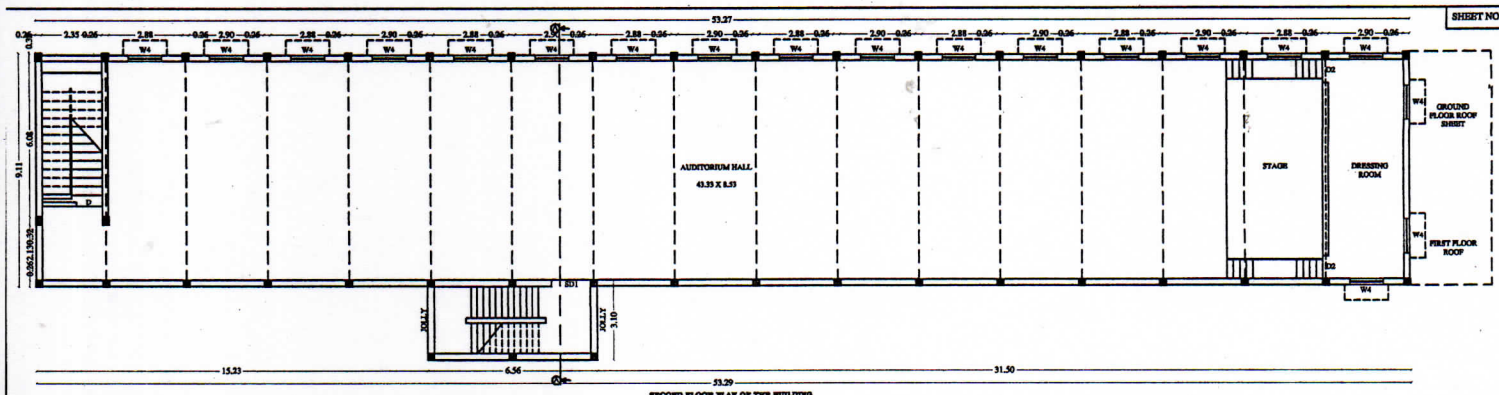
RM.Mayileru & Co
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COIMBATORE - 641044
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APPLICANT

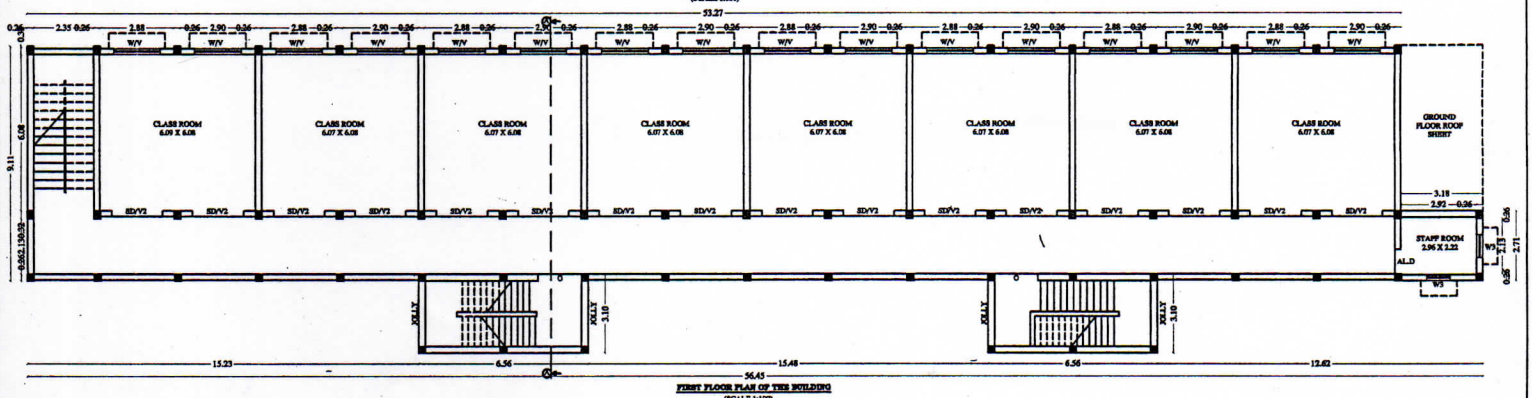
RM.MAYILERU, BE.M.I.E., F.I.I., A.F.I.I., C.Engr
CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.42525/2014/C2 Dt.12/6/2015)

ENGINEER

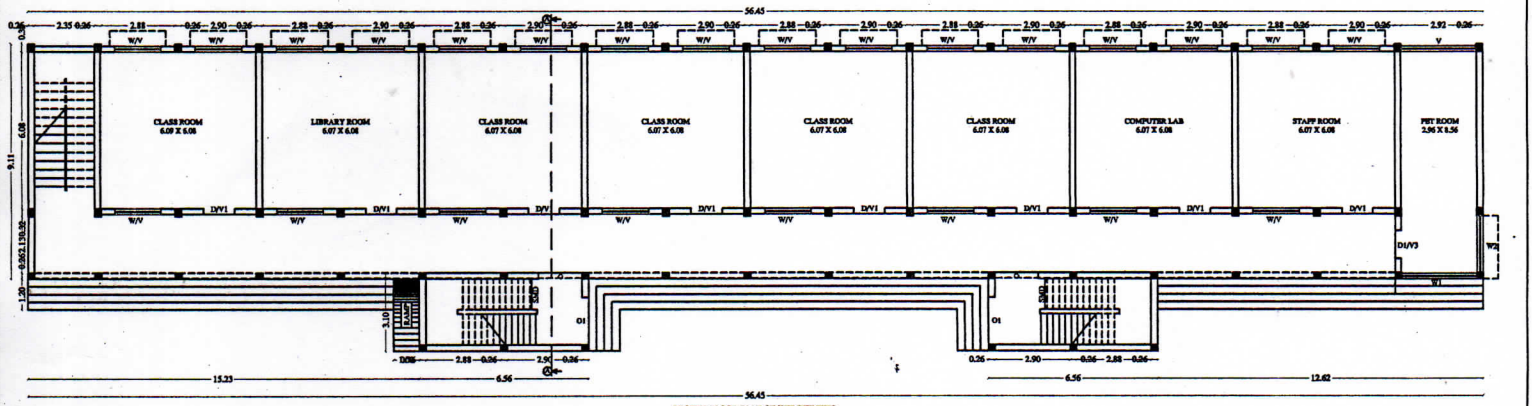
WITH REFERENCE TO THIS DRAWING ONLY STABILITY CERTIFICATE IS PREPARED



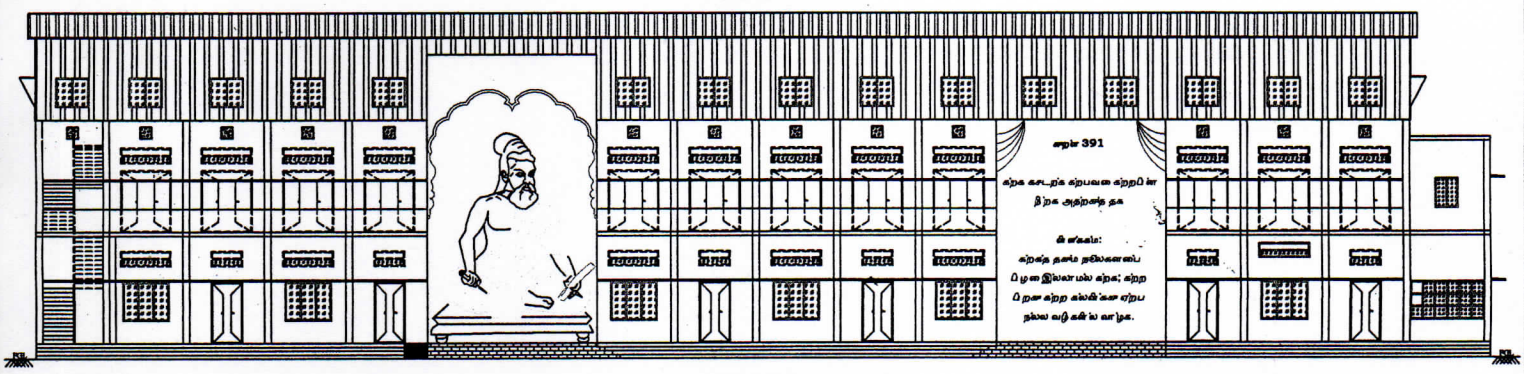
SECOND FLOOR PLAN OF THE BUILDING
(SCALE 1:100)



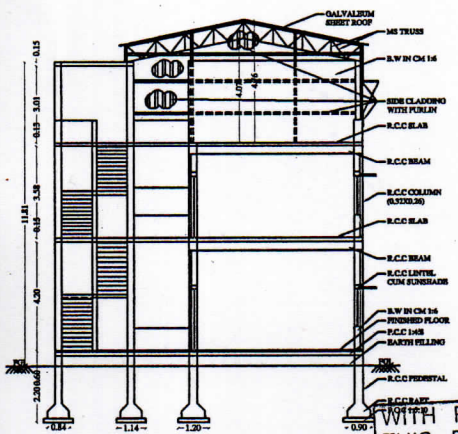
FIRST FLOOR PLAN OF THE BUILDING
(SCALE 1:100)



GROUND FLOOR PLAN OF THE BUILDING
(SCALE 1:100)



ELEVATION OF THE BUILDING
(SCALE 1:100)



SECTION 'A-A' OF THE BUILDING
(SCALE 1:100)

SKETCH SHOWING THE EXISTING & PROPOSED SCHOOL BUILDING FOR MANI SCHOOL IN NEW TS.No: 1021 OF WARD NO-10(J) & BLOCK NO-67, (OLD TS.No: 1016/2A, 1016/1, 1019/2B, 1019/3C, 1019/4C, 1020/2C, 1020/2A, 1020/1C1, 1020/1C2, 1026/3B) AT P.N. PALAYAM, COIMBATORE - 641037.

CLIENT:-
M/s. MANI SCHOOL

TITLE:-
EXISTING GROUND & FIRST FLOOR AND PROPOSED SECOND FLOOR

AREA DETAILS

SL.NO	NAME OF THE FLOOR	In Sq.Mt	In Sq.Ft
1	(GROUND FLOOR (R.C.C)	546.12	5878.44
2	FIRST FLOOR (R.C.C)	524.70	5647.87
3	SECOND FLOOR (GI SHEET)	478.49	5150.46

DATE	30.12.2023
DRAWN BY	P.MAHES
CHECKED BY	P.E.S
APPROVED BY	RM.M
DRAWING NO	RM&M/MISS/2023/031
SCALE	1:100

JOINERY DETAILS

SYM	DESCRIPTION	SIZE IN Mt
D	DOOR	1.18 X 2.40
D1	DOOR	1.05 X 2.40
D2	DOOR	0.80 X 2.10
SD	STEEL DOOR	1.97 X 2.07
SD1	STEEL DOOR	1.50 X 2.10
ALD	ALUMINIUM DOOR	0.95 X 2.10
W	WINDOW	1.80 X 1.50
W1	WINDOW	2.90 X 1.50
W2	WINDOW	2.17 X 1.50
W3	WINDOW	0.90 X 1.25
W4	WINDOW	1.30 X 1.15
V	VENTILATOR	1.80 X 0.60
V1	VENTILATOR	1.18 X 0.60
V2	VENTILATOR	1.97 X 0.60
V3	VENTILATOR	1.05 X 0.60
O	OPEN	1.68 X 2.40
O1	OPEN	1.85 X 2.40

WITH REFERENCE TO THIS DRAWING ONLY STABILITY CERTIFICATE IS PREPARED

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CONSULTING ENGINEER
APPROVED VALUER & CHARTERED ENGINEER
COLLECTOR'S PANEL ENGINEER (Ref. No.4252/S/2014/C2 Dt.12/01/2015)

ENGINEER