

STATEMENT ACCOMPANYING FORM - A

1. Name of the building : AMETHYST INTERNATIONAL SCHOOL
2. Location/ Street No, Name of place : S.No 298/2A1,298/2B, 298/2C,&298/2D1A2
Ottiyambakkam Village, Tambaram Taluk,
Chengalpattu District,, Chennai -600130.
3. Year of construction : 2022
- | Area details | plinth area (Sq ft) | carpet area (Sq ft) |
|----------------------------|---------------------|---------------------|
| 1) Ground floor (RCC ROOF) | 18200 | 15470 |
| 2) First floor (RCC ROOF) | 12185 | 10357 |
| 3) Second floor (RCC ROOF) | 12185 | 10357 |
| | 42570 | 36184 |
- 4) Approximate cost of construction at current rates : Rs 725 Lakhs
- 5) Purpose for which building is used : educational purpose
- 6) Purpose for which building has hitherto been used : educational purpose
- 7) Details of construction of the building
(Particulars of the foundation, soil specification
Of various parts under)
- a) Foundation : Pile Foundation with Pile Cap
- b) Basement/superstructure : Framed structure, brick work in cement ,
: mortar for masonry
- c) Superstructure, floor and roof : brick work in cement mortar, RCC Roof
RCC beam, RCC column and tiles flooring

- 8) Period for which the license is required : 25-12-2022 to 24 -12-2025 (Three years)
9) Number of persons to be accommodated : 1000 Students

Signature

SIGNATURE OF OWNER OF BUILDING

Signature 12/12/2022

SIGNATURE OF ENGINEER

DESIGNATION

V. RAMACHANDRAN

B.E.(Civil), M.E. (Structural Engg.), FIV
Superintending Engineer PWD (Retd)

Government Registered

Panel Engineer, Class - 1A,
Chennai & Kancheepuram District

No: 7 / 8, Moogambigai Street,
Jai Balaji Nagar, Nesapakkam,

Chennai - 600 078.

Mobile: 9486501083

Certified that no thatched roof buildings are used for conducting any classes in school premises. If any thatched buildings are constructed after the issue of this license, we are held responsible for any fire accident that occurs later and that I /We are aware that our license will be cancelled

Signature

SIGNATURE OF THE OWNER OF THE BUILDING

V. RAMACHANDRAN

B.E. (Civil), M.E., (Structures), M.Sc., (REV), F.I.V
Govt. Registered Valuer
Registered Panel Engineer Class 1A
Chennai, Kancheepuram, Thiruvallur &
Chengalpattu Districts.

Superintending Engineer PWD (Retd.)
Govt. of Tamilnadu
No.7/8, Moogambigai Street, Jai Balaji Nagar,
Nesapakkam, Chennai - 600 078.
Cell : 94865 01083.
E-mail : r.chandran47@rediffmail.com

Date :

FORM - B

22-12-2022

**FORM OF CERTIFICATE OF STRUCTURAL SOUNDNESS UNDER SUB SECTION (4)
OF SECTION 4 OF THE TAMILNADU PUBLICBUILDING (LICENSING) ACT
1965(TAMILNADU ACT13OF1965) REFERRED TO IN RULE 4 OF THE TAMILNADU
PUBLIC (LICENSING) RULES 1966**

CERTIFICATE OF STRUCTURAL SOUNDNESS

I certify that I have inspected the school building named AMETHYST INTERNATIONAL SCHOOL. S.No298/2A1, 298/2B, 298/2C&298/2D1A2, Karanai Main Road, Ottiyambakkam Village, Tambaram Taluk, Chengalpattu District, Chennai -600130 on 20-12-2022. I have satisfied myself that the building structurally sound to be used as a public building for the purposes noted in the statement. The structural soundness of the building has been verified taking into account the loading as per the latest Indian Standards IS:875. The scope of this stability certificate is limited only to the structural soundness of the building as per IS:456-2000. This does not include the eventualities caused by natural calamities like Cyclone, Earthquake, High gales & Storms, Lightening, Floods, Fire etc. A license may be granted for period from 25-12-2022 to 24-12-2025 (Three years). Certified that no thatched buildings are there for conducting any classes in the school premises as on date of inspection. This certificate has been issued based on physical inspection of the building.


V. RAMACHANDRAN
B.E.(Civil), M.E.(Structural Engg.), F.I.V
Superintending Engineer PWD (Retd)
Government Registered
Panel Engineer, Class - 1A,
Chennai & Kancheepuram District
No: 7 / 8, Moogambigai Street,
Jai Balaji Nagar, Nesapakkam,
Chennai - 600 078.
Mobile: 9486501083

This certificate is issued based on the site inspection of the building. It will be the responsibility of the school authority to have all statutory approvals. If any alteration or addition is made after issue of this certificate this license will stand cancelled automatically,

FORM – C

West side Block

FORM OF CERTIFICATE OF STRUCTURAL SOUNDNESS UNDER SUB -SECTION (4) OF SECTION 4 OF THE TAMILNADU PUBLIC BUILDINGS (LICENSING) ACT 1965(TAMILNADU ACT 13 OF 1965) REFERRED TO IN RULE 4 OF THE TAMILNADU PUBLIC (LICENSING) RULES 1966

I Certify that I have inspected the building mentioned in the statement and furnished below the salient technical features.

1. Foundation

- | | |
|---|-----------------------|
| i) Depth below ground level | : 10m |
| ii) Nature of soil met in the foundation level | : Clayey sand |
| iii) Pressure at foundation | : 65 tonnes/sq m |
| iv) Probable safe bearing capacity of the strata met with at foundation | : 100.00 tonnes/ Sq m |

2. Superstructure


- | | |
|--|--|
| i) Maximum stress in the most critical section of masonry and concrete | : Masonry 1.0 kg / sq cm Concrete 40 kg/sq cm |
| ii) Nature of masonry and concrete and its safe permissible stress | : Masonry 5 Kg / sq cm Concrete 70 Kg/ Sq cm |

The structural soundness of the building has been verified by me with reference to ISI loading standards 875(latest version) and other relevant Indian standard code of Practice and I 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 a period from 25-12-2022 to 24-12-2025 (Three Years)

Place: Chennai

Date: 22-12-2022


V. RAMACHANDRAN
B.E.(Civil), M.E.(Structural Engg.), FIV
Superintending Engineer PWD (Retd)
Government Registered
Panel Engineer, Class - 1A,
Chennai & Kancheepuram District
No 7 / 8, Moogambigai Street,
K. P. Nagar, Nesapakkam,
Chennai - 600 078.
Mobile: 9483501083

FORM – C

North side Block

FORM OF CERTIFICATE OF STRUCTURAL SOUNDNESS UNDER SUB -SECTION (4) OF SECTION 4 OF THE TAMILNADU PUBLIC BUILDINGS (LICENSING) ACT 1965(TAMILNADU ACT 13 OF 1965) REFERRED TO IN RULE 4 OF THE TAMILNADU PUBLIC (LICENSING) RULES 1966

I Certify that I have inspected the building mentioned in the statement and furnished below the salient technical features.

1. Foundation

- | | | |
|---|---|---------------------|
| i) Depth below ground level | : | 10m |
| ii) Nature of soil met in the foundation level | : | Clayey sand |
| iii) Pressure at foundation | : | 65 tonnes/sq m |
| iv) Probable safe bearing capacity of the strata met with at foundation | : | 100.00 tonnes/ Sq m |

2. Superstructure

- | | | |
|--|---|--|
| i) Maximum stress in the most critical section of masonry and concrete | : | Masonry 1.0 kg / sq cm Concrete 40 kg/sq cm |
| ii) Nature of masonry and concrete and its safe permissible stress | : | Masonry 5 Kg / sq cm Concrete 70 Kg/ Sq cm |

The structural soundness of the building has been verified by me with reference to ISI loading standards 875(latest version) and other relevant Indian standard code of Practice and I 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 a period from 25-12-2022 to 24-12-2025 (Three Years)

Place: Chennai

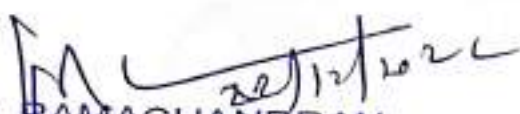
Date: 22-12-2022


V. RAMACHANDRAN
B.E.(Civil), M.E.(Structural Engg.), FIV
Superintending Engineer PWD (Retd)
Government Registered
Panel Engineer, Class - 1A,
Chennai & Kancheepuram District
No. 7/ 8, Moogambigai Street,
Pattajai Nagar, Nesapakkam,
Chennai - 600 078.
Mobile: 9486501083

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

| Location of the building, do or no, street name, & name of the place (1) | Age of building (2) | Value of the building (3) | no of storey (4) | Short description RCC framed, or load bearing masonry (5) |
|---|-------------------------------|-------------------------------------|-------------------------|--|
| AMETHYST INTERNATIONAL SCHOOL S.No 298/2A1, 298/2B,298/2C,&298/2D1A2 Ottiyambakkam village, Tambaram Taluk, Chengalpattu District, Chennai-600130 | New | 725 Lakhs | G+2 | Framed structure Pile foundation, with Pilecap, brick walls, RCC Roof, tiles flooring etc |

| Purpose for which the building is certified for use (6) | The period for which the building will be structurally sound (7) | No of persons to be accommodated (8) | Remarks (9) |
|--|---|---|--------------------------------|
| Educational purpose. | 25-12-2022 to 24-12-2025 (Three years) | 1000 students | Building is structurally sound |

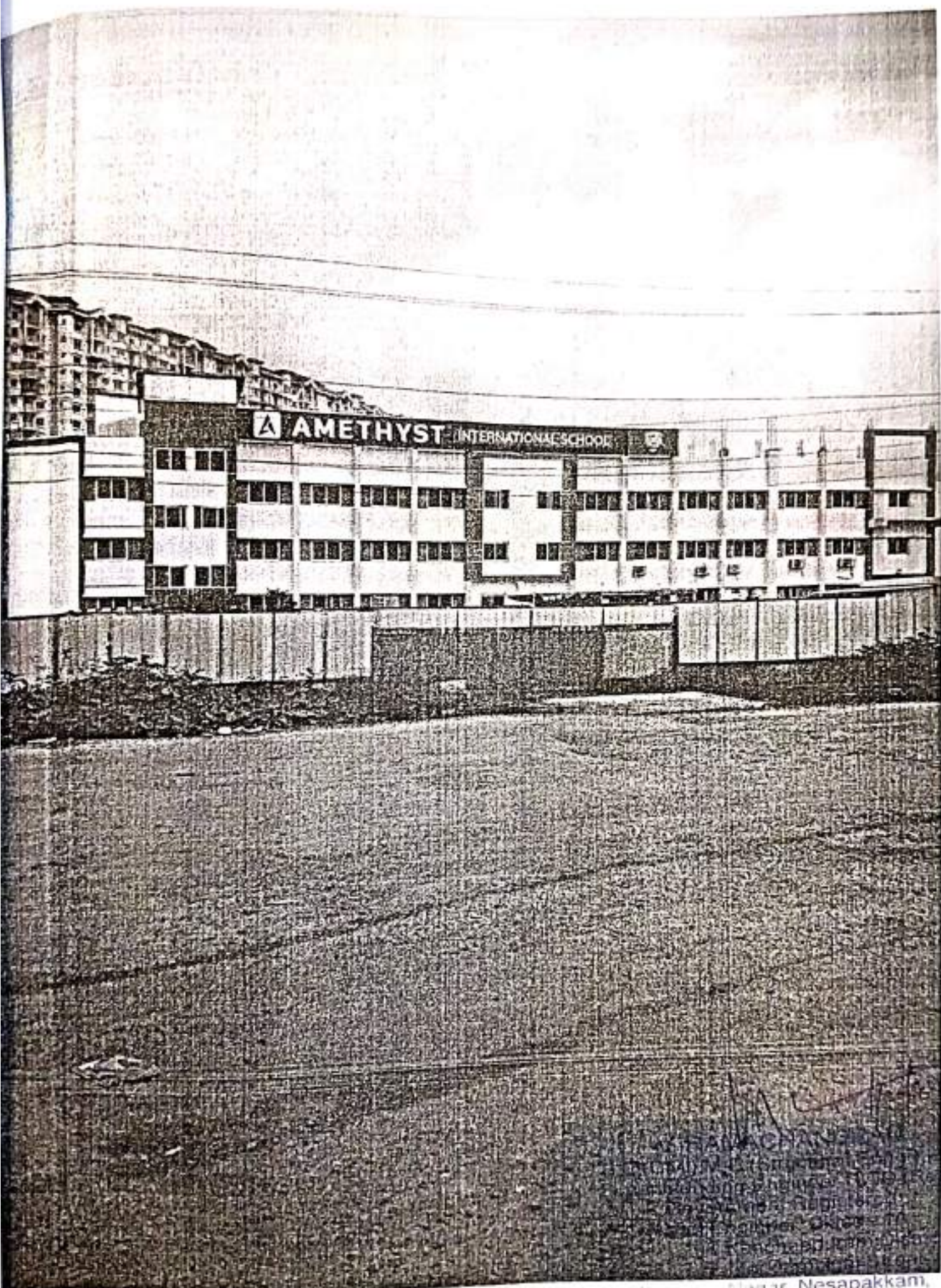

V. RAMACHANDRAN
 B.E.(CIVIL), M.E.(Structural Engg.), FIV
 Superintending Engineer PWD (Retd)
 Government Registered
 Panel Engineer, Class - 1A,
 Chennai & Kancheepuram District
 No: 7 / R, Moogambigai Street,
 Jai Bharathi Nagar, Nesapakkam,
 Chennai - 600 078.
 Mobile: 9466561083

FORM - E

FORM OF REPORT TO BE MADE TO THE COMPETENT AUTHORITY BY THE INSPECTING AUTHORITIES OR OFFICERS APPOINTED UNDER OTHER ACT UNDER SECTION 28 OF TAMILNADU PUBLIC BUILDINGS LICENSING ACT 1965 (TAMILNADU ACT 13 OF 1965) REFERRED TO RULE 7 OF TAMILNADU PUBLIC BUILDINGS LICENSING RULE 1966

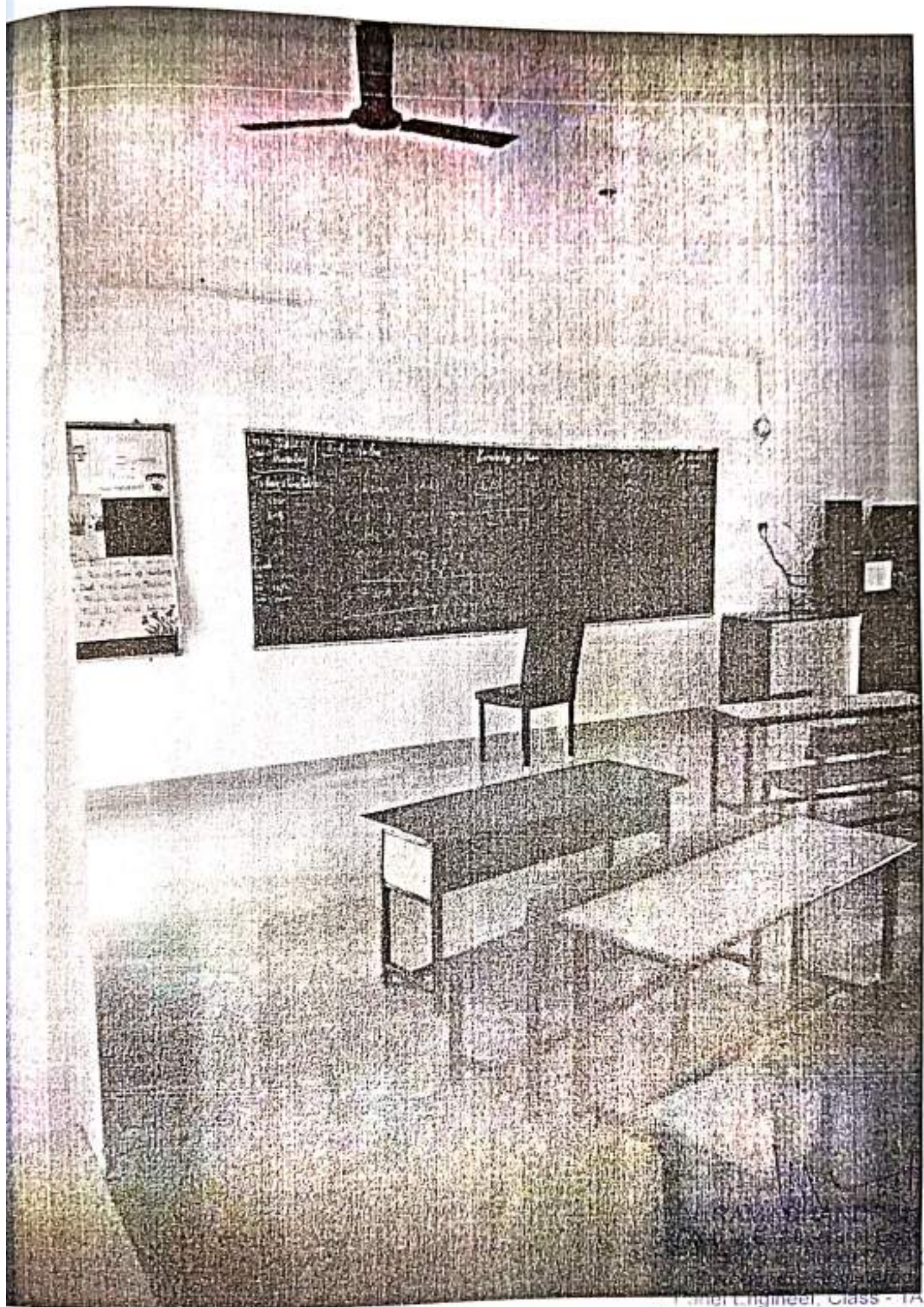
1. Name and designation of inspecting Authority : V.RAMACHANDRAN
or officer appointed or having jurisdiction under : B.E (CIVIL), M.E(STRUCTURALENGG)
any other act or law : F.I.V
: Superintending Engineer PWD(Retd)
: Government Registered
: Panel Engineer Class-1A
: CHENGALPATTU DISTRICT
: NO7/8 Moogambigai street,
: Jai Balaji Nagar, Nesapakkam,
: Chennai -600078,
: Mobile no - 9486501083
2. Location of the building inspected : AMETHYST INTERNATIONAL SCHOOL
D.No. Street No. Name of the place : S.No 298/2A1, 298/2B, 298/2C, 298/2D1A2
i.e Municipal corporation/Municipality/panchayat/ : Ottiyambakkam Village, Tambaram Taluk,
Panchayat union/ township/ cantonment : Chengalpattu District, Chennai -600119
3. Date of inspection : 20-12-2022
4. Purpose for which the building is used : Educational Purpose
5. Nature of defects noticed : Nil
6. Suggestion for rectifying defect : Does not arise
7. If in a dangerous condition, immediate action : Nil
- Recommended to be taken


V.RAMACHANDRAN
B.E.(Civil), M.E.(Structural Engg.), FIV
Superintending Engineer PWD (Retd)
Government Registered
Panel Engineer, Class - 1A,
Chennai & Kancheepuram District
No. 7 / 8, Moogambigai Street,
Jai Balaji Nagar, Nesapakkam,
Chennai - 600 078.
Mobile 9486501083





No. 7 / 8, Moogambigai Street,
Palai Nagar, Nesapakkam,
Tamil Nadu - 600 078,
Mob: 9486501083



Interior Engineer, Class - TA,
Chennai & Kancheepuram District
No. 7/8, Moogambigai Street,
Jai Bhawan, Nesapakkam,
Chennai - 600 078.

[Signature]
(FIV
Reid)



V. K. CHANDRAN

Structural Engg. FIV
Society of Engineers F.V.D. (Retd)
Registered Professional Engineer
Chennai - 600 078

Chennai & Kancheepuram District

11/11, Moogambigai Street,


Chennai - 600 078.

Phone: 440511083



V. Ramachandran
V. RAMACHANDRAN
B.E. (Civil), M.E. (Structural Engg.), FIV
Superintending Engineer PWD (Field)
Government Registered
Professional Engineer, Class - 16
Chennai & Kanchipuram District
No. 7/8, Moogambigai Street,
Jai Bharati Nagar, Nesapakkam,
Chennai - 600 078.
Mobile: 9486501083




V. KAMACHANDRAN
B.E. (Civil), M.E. (Structural Engg), F.V.
Superintending Engineer PWD (Reid)
Government Registered
Panel Engineer, Class - 1A
Chennai & Kanchi District
No. 10, Moogambigal Street,
Jai Bharat Nagar, Nesapakkam,
Chennai - 600 078.
Mobile: 94466501083

IDENTIFICATION NUMBER



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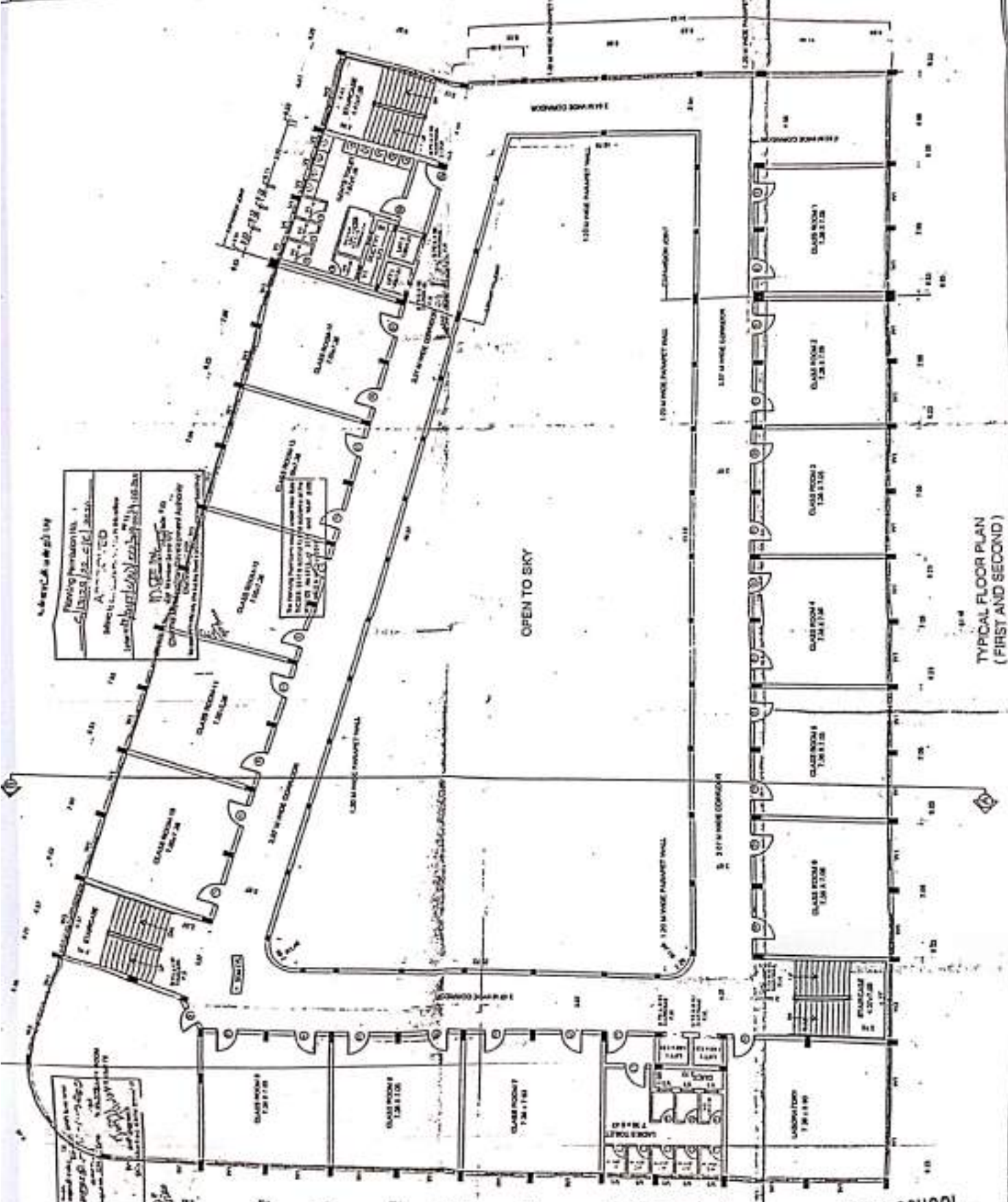
| Age | Sex | Height (cm) | Weight (kg) | Body Mass Index (kg/m ²) |
|-----|------|-------------|-------------|--------------------------------------|
| 25 | Male | 175 | 75 | 24.2 |
| 28 | Male | 180 | 80 | 24.7 |
| 30 | Male | 185 | 85 | 24.2 |
| 32 | Male | 190 | 90 | 24.7 |
| 35 | Male | 195 | 95 | 24.2 |
| 38 | Male | 200 | 100 | 25.0 |
| 40 | Male | 205 | 105 | 25.0 |
| 42 | Male | 210 | 110 | 25.0 |
| 45 | Male | 215 | 115 | 25.0 |
| 48 | Male | 220 | 120 | 25.0 |
| 50 | Male | 225 | 125 | 25.0 |
| 52 | Male | 230 | 130 | 25.0 |
| 55 | Male | 235 | 135 | 25.0 |
| 58 | Male | 240 | 140 | 25.0 |
| 60 | Male | 245 | 145 | 25.0 |
| 62 | Male | 250 | 150 | 25.0 |
| 65 | Male | 255 | 155 | 25.0 |
| 68 | Male | 260 | 160 | 25.0 |
| 70 | Male | 265 | 165 | 25.0 |
| 72 | Male | 270 | 170 | 25.0 |
| 75 | Male | 275 | 175 | 25.0 |
| 78 | Male | 280 | 180 | 25.0 |
| 80 | Male | 285 | 185 | 25.0 |
| 82 | Male | 290 | 190 | 25.0 |
| 85 | Male | 295 | 195 | 25.0 |
| 88 | Male | 300 | 200 | 25.0 |
| 90 | Male | 305 | 205 | 25.0 |
| 92 | Male | 310 | 210 | 25.0 |
| 95 | Male | 315 | 215 | 25.0 |
| 98 | Male | 320 | 220 | 25.0 |
| 100 | Male | 325 | 225 | 25.0 |



with
still

STRUCTURAL THERAPY

1. **What is the purpose of the study?**
 2. **What are the research objectives?**
 3. **What is the research design?**
 4. **What are the variables?**
 5. **What are the hypotheses?**
 6. **What are the results?**
 7. **What are the conclusions?**
 8. **What are the implications?**
 9. **What are the limitations?**
 10. **What are the future directions?**

TYPICAL FLOOR PLAN
(FIRST AND SECOND)

FOR AMETHYST INTERNATIONAL SCHOOL

Signature
INDEPENDENT



CHENGALPATTU
DISTRICT GAZETTE
PUBLISHED BY AUTHORITY

CHENGALPATTU, OCTOBER 3, 2021
Purattasi 17, Pirava Thiruvalluvar Aandu-2052

[No. 5]

NOTIFICATION BY THE COLLECTOR

PROCEEDINGS OF THE DISTRICT COLLECTOR, CHENGALPATTU DISTRICT
PRESENT: Thiru A.R. RAHUL NADH, I.A.S.,

(RC.No.1029/2020/M1, Dt. 14.07.2021)

SUB: Tamil Nadu Public Building (Licensing) Act 1955 and rules 1966-Chengalpattu District - Inclusion of Thiru V.Ramachandran in the panel of private practicing Engineers under Class IA in Chengalpattu district- Orders issued.

READ:

1. Representation from Thiru V.Ramachandran Superintending Engineer (retd), No.7/8, Moogambikal Street, Jaibalaji Nagar, Nesapakkam, Chennai-78, Dated 14.07.2021.
2. This office Letter Rc No. 1029/2020/M1 Dated 18.3.2019.
3. Superintending Engineer, P.W.D., Buildings (Construction and Maintenance) Circle, Chennai-5 Letter No. DB/DO/F.A-Panel of Engineers 63M/2019 Dated 8.7.2020.
4. This office Letter Rc No.1029/2020/M1 Dated 04.09.2020.
5. Engineer - in - Chief (Buildings) & Chief Engineer (Buildings), Public Works Department letter No. AEE/T/O/003943/2020, Dated: 04.03.2021.

ER:

the reference 1st cited, one Er. (Thiru) V.Ramachandran residing at Plot No.7/8, Moogambikal, Jaibalaji Nagar, Nesapakkam, Chennai-78 has applied for inclusion of his name in the panel of Private Practicing Engineer under Class IA category in Chengalpattu district in the prescribed format. The same was forwarded to the Superintending Engineer, P.W.D., Buildings (Construction and Maintenance) Circle, Chennai-5 for taking appropriate action vide this office reference 2nd cited.

the reference 2nd cited, the Superintending Engineer, P.W.D., Buildings (Construction and Maintenance) Circle, Chennai-5 has recommended for inclusion of the name of Er. V.Ramachandran in the Panel of Private Practicing Engineers under Class IA in Chengalpattu district and the same was forwarded to the Engineer-in- Chief (Buildings) and Chief Engineer (Buildings), P.W.D., Chennai-5 vide this office reference 4th cited, for taking further action.

In the reference 5th cited, the Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Public Works Department, Chennai-5 has informed that the Board of Engineers in their 537th meeting held on 26.02.2021 have discussed the proposal of the petitioner and after elaborate deliberations, the Board has resolved to recommend the name of Thiru V.Ramechandran (D.O.B. 18.08.1955) residing at New No. 7, Old No.8, Moogambigai Street, Jaibalaji Nagar, Nesapakkam, Chennai-78 for inclusion in the panel of private practicing Engineers under Class 1A Category (Buildings, the cost of which exceeds Rs.50.00 lakhs as per G.O. Ms. No. 43, Municipal Administration and Water Supply (MA4), Department, dated 17.2.2011) in Chengalpattu district.

Based on the recommendation of the Engineer-in-Chief, (Buildings) and Chief Engineer (Buildings), Public Works Department, Chennai-5, it is hereby ordered that the name of Thiru V. Ramachandran be included in the panel of private practicing Engineers under Class 1A Category (Buildings, the cost of which exceeds Rs.50.00 lakhs as per G.O. Ms. No. 43, Municipal Administration and Water Supply (MA4), Department, dated 17-2-2011) in Chengalpattu district.

Chengalpattu,
14th July 2021.

A.R. RAHUL NADH
District Collector