

## Public Works Department

From

**Er.A. Thinakaran, B.E.,**  
Superintending Engineer, (i/c), PWD.,  
Buildings (C & M) Circle,  
Madurai - 625 002.

To

The Secretary,  
Delhi World Public School,  
Paravai,  
Madurai.

**Lr. No. DB/DO/ 2020 / C-Stability / Dt. 10-02-2020.**

Sir,

Sub : Buildings – Madurai District - Madurai North Taluk, – Paravai  
Town Panchayat – Paravai village I bit – R.S.Nos. 172/2 (pt),  
173/2&3 - Delhi World Public School - Issue of Structural Stability  
Certificate - Reg.

Ref : 1. The Executive Engineer, PWD, B(C&M) Division,  
Madurai DB/JDO-1/F.124/2019/Dt.19.12.2019.

2. The Chief Engineer, (Buildings), PWD, Madurai Region,  
Madurai Lr.AEE – III/ C-6 / 2019 / dt:07.02.2020.

With reference to your letter in the reference cited I enclose  
herewith the Structural Stability Certificate for Delhi World Public School, Paravai  
Town Panchayat, Madurai North Taluk, Madurai District in Form.C for a period  
of three years from 12.12.2019 to 11.12.2020.

Encl : Certificate – 1 No.

  
**Superintending Engineer, (i/c), PWD.,**  
Buildings (Constn. & Mtce.) Circle,  
Madurai – 625 002.

  
10/02/2020


**FORM C**

**STATEMENT TO ACCOMPANY CERTIFICATE OF STRUCTURAL SOUNDNESS**

Name of the building	Age of the Building	No. of Stories	Short description structures steel RCC framed of load bearing masonry	Purpose for which the building is being used	Period for which building is certified for use	Number of persons to be accommodated	Remarks
Delhi World Public School, R.S.Nos. 172/2 (pt), 173/2&3 of Paravai village I bit, Paravai Town Panchayat, Madurai North Taluk, Madurai District.	1 year	Ground Floor, First Floor & Second Floor only	RCC plinth beam, RCC columns, panel walls. Brick work in cement mortar for panel walls.	Education purpose only.	12.12.2019 to 11.12.2022.	500Nos.	

Place : Madurai

Date : 10-02-2020

  
Signature of the Engineer  
SuperIntending Engineer, P.W.D.  
Buildings (Constn. & Maint.) Circle  
Madurai-2.

## FORM C

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

**Stability Certificate No. 4SE / Buildings (C&M) Circle, Madurai / 2019 – 2020.**

**Name of Work :** Delhi World Public School, R.S.Nos. 172/2 (pt), 173/2&3 of Paravai village I bit, Paravai Town Panchayat, Madurai North Taluk, Madurai District.

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                                             | – | <b>3.00 M</b>                |
| (ii) Nature of soil met with at foundation level                         | – | <b>Sand clay</b>             |
| (iii) Pressure at foundation                                             | – | <b>165 KN/ m<sup>2</sup></b> |
| (iv) Probable safe bearing capacity of the strata met with at foundation | – | <b>26 MT / m<sup>2</sup></b> |

**(2) Superstructure :**

- |                                                                                      |  |                                                                                                                                  |
|--------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|
| I). Maximum stress in the most critical section of masonry concrete                  |  | <b>- Brick masonry 3.23 N/MM<sup>2</sup></b><br><b>- Cement Concrete 11.41 N/MM<sup>2</sup></b>                                  |
| II). Nature of masonry and concrete and Its safe permissible stress masonry concrete |  | <b>- Brick masonry safe permissible stress its 35 Kg /Sq.cm.</b><br><b>- Concrete safe permissible stress is 200 Kg / sq.cm.</b> |

The actual stress is within the permissible limit.

The Structural soundness of the building has been verified by me with reference to I.S.I. loading standards 875 (latest version) and other relevant Indian Standards Code of practice and declare that the building (GF, FF, & SF only) is structurally sound to be used as a public building for the purpose noted in the statement. Hence stability certificate issued for the period from **12.12.2019** to **11.12.2022.**

Date : **10-02-2020.**

Signature of the Engineer

Designation

SuperIntending Engineer, P.W.D.  
Buildings (Constn. & Maint.) Circle  
Madurai-2.