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DATE: 27/01/2024

STABILITY CERTIFICATE

The detailed engineering and structure design of lanning Permission for the proposed construction of Stilt floor + 5 floors (Height – 18.30m) Residential Building with 20 dwelling units For Affordable Housing at Plot No.2, New Door No.38, Old Door No.6, Raman Street, Maragatham Chandrasekar Nagar (M.C. Nagar), Hasthinapuram, Chennai 600064, Comprised in S.No.23/1A1A3 (Document), and T.S.No.23, Block No.37, WardF of Hasthinapuram Village within the limit of Tambaram Municipal Corporation has been done by me based on the report of geotechnical investigation (soil test) done by M AMMAIAPPAN Report No: GTC/298/30/01/2024 ,DATE 27/01/2024 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

(i) The minimum grade of concrete is M25.

(ii) The design and analysis has been done using the code of practice for plain and reinforced concrete as per IS 456, design loads as per IS Codes No **IS:875** and design of earthquake resistant structure as per IS Code No **IS:1893**

4. The building will be safe and sound when used for the purpose for which it is designed.

Encl.: Structural Design Calculation

R. MANIKANDAN, M.Tech, (Structures)
Registered Structural Engineer Grade I
SE/GR-I/19/06/154 (CMDA), RSE 100692025(GCC)
CGLRGN/SE/Gr-I/2019/09/036(DTCP)
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CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY
'Thalamuthu Natarajan Building', No.1, Gandhi Irwin Road,
Egmore, Chennai-600 008.

PROFESSIONAL REGISTRATION CERTIFICATE

This is to certify that the **Thiru. R. MANIKANDAN** has enrolled as **Registered Structural Engineer Grade-I (SE)** with Chennai Metropolitan Development Authority (CMDA) who has the qualification of **M.Tech., (Structural Engg.)** and experience in the relevant field for **5 years**.

He has been given the Registration No.**SE/GR-I/2019/06/154 Renewed** on **10.06.2024.** He shall be required to comply with the duties and responsibilities prescribed by the Government of Tamil Nadu in Part-V, "Registration of Professionals", Tamil Nadu Combined Development and Building Rules, 2019 approved vide G.O.(Ms) No.18 MAWS (MA1) Dept. dated 04.02.2019.

This Registration is valid upto **09.06.2029**.



18/6/24

(A. MEGANATHAN)
Superintendent

R. Manikandan

R. MANIKANDAN, M.Tech.(Structures)
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