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STABILITY CERTIFICATE

1. The detailed engineering and structure design of the proposed building Construction of a Stilt floor (Part) / Ground floor (Part) + 2 floors + (Height - 10.20m) Residential Building with 11 dwelling units (Duplex Type) at Plot No.4 (CMDA approved subdivision) comprised in Old S.No.199/6B, New S.No.199/6B1 (Pt), 199/6B2 (Pt) & 199/6B3 (Pt) of Nanmangalam Village within the limit of St.Thomas Mount Panchayat Union has been done by me/us based on the report of geotechnical investigation (soil test) done by T.J. Engineers, Chennai. Report No. TJE/002938/B/2023 dated 06th October 2023 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/We have checked various parameters and found that the proposed building would be safe.

3. I/We further certify that:

(i) The minimum grade of concrete is M30

(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 & Is-13920

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

Stamp and Signature

Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
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Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/ 2024/07/005

Encl.: Structural Design Calculation



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