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Dated – 28.05.2025

Structural Stability Certificate

The detailed engineering and structure design of the proposed building comprising Revised Planning Permission for construction of Stilt Floor (Parking) + 4 Floors (Height – 16.00 M)Residential Building with 16 dwelling units availing Premium FSI with TOD Benefit Plot no 2, Door no 4, Balaram Street, Adyar, Chennai – 600020 comprised in Old S.No.16/5 part and T.S.No. 55/9, Block no 16 of Pallipattu village within the limits of Greater Chennai Corporation has been done by me/us based on the report of geotechnical investigation (soil test) done by Geo Marine Consultant (P) Ltd Report No. GT-2516 Dated – 28.02.2023 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 M25

(ii) The design and analysis have 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 part III 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 100692019 (GCC)
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