



STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building Reconstruction of High Rise Building (HRB) consisting of 2 Blocks with 20.60 m height; Block 1: Stilt Floor + 6 floors with 96 Dwelling units, Block 2: Stilt Floor + 6 Floors with 72 Dwelling units (totally 168 Dwelling units) at Prakasam Salai, Badrikarai, T.Nagar, Chennai – 600 017 comprised in Survey Nos. 4828/3 (Part), 4830/4 (Part) 4830/9 (Part) of Block No 110, T. Nagar village, Chennai district has been done by me/us based on the report of geotechnical investigation (Soil Test) done by Anna University Report number SM&FE 217/consultancy/2022 dated 18.05.2022 and considering functional requirement of the building.

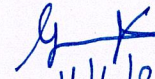
2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I/We have checked various parameters and found that the proposed building would be safe.

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 456:2000, design loads as per IS Codes No IS 875: 1987 Part II, Design of earthquake resistant structure as per IS code no 1893: 2016 and the Structure is detailed as per IS 13920: 2016.

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


16/6/2025

Stamp and Signature

G. MAHENDIRAN, M.E.,

ASSISTANT EXECUTIVE ENGINEER

REGISTRATION No: SE/I/2024/4/0071

Registered Structural Engineer Grade-I (SE-I)

Tamil Nadu Urban Habitat Development Board

No. 5, Kamarajar Salai, Chennai-600 005.

Encl.: Structural Design Calculation