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STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of 6 towers (Total no. of floors = floors 2B + Stilt+ 19 floors) at Sy. No: - 151,148/1 152/1, 153/1B2, 153/2 in Padur Village, Tiruporur Taluk, in Chengalpattu District, Tamil Nadu has been done by M/s VISDION STRUCTURAL DESIGN AID, Bangalore, based on the report of geotechnical investigation (soil test) done by FALCON INDUSTRIAL TESTING LAB.Pvt Ltd. Report No.TR2305003 Dated: -14.06.2023 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: - M-30

(ii) The grade of Steel is: -Fe-550D

(iii) Following software used

a) ETABS 22.6.0 = Analysis and design of superstructure

b) SAFE 22.6.0 = Foundation design

(iv)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 IS.875 Part 1 and 2 and design of earthquake resistant structure as per IS Code 1893:2016 and Detailing is done as per IS13920:2016 for Ductile design and detailing of reinforced concrete structures subjected to seismic forces and IS 16700:2023 for structural safety of tall concrete Building.

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

Encl.: Structural Design Calculation


Stamp and Signature M.Tech
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