

VIGNESH CONSULTING ENGINEERS

P.K.Chandran, M.E. (Struct)

"VEL AMRUTHA TOWERS"

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STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of. Combined double basement floor for block 1&2 ; block-1 : stilt floor + 19th floor – residential tower with 152 dwelling units ; block-2 ; stilt floor + 19th floor – residential tower with 152 dwelling units (TOTALLY 304 DWELLING UNITS) : BLOCK-3 double basement + ground floor+ 11 floors – COMMERCIAL OFFICE BUILDING AT OLD S.NOS 249/1,2,3,5,250/1,2,3,4,5,6,251,252/2A, T.S.NO.2/1, BLOCK NO.4 OF ARUMBAKKAM VILLAGE, AMINJIKARAI TALUK, POONAMALLEE HIGH ROAD , GREATER CHENNAI CORPORATION, Chennai district 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 - 2057 Dated 03/03/2020 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 for columns is M40, Non PT slab and beams is M30 and PT slab and beam is M35. The structure is also designed for seismic Zone –III as per I.S code

(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.

Yours faithfully,

For VIGNESH CONSULTING ENGINEERS,



P.K.Chandran, M.E., (Struct)

P.K. CHANDRAN, B.E., M.E. (Struct)

STRUCTURAL ENGINEER

SE/GR-1/19/04/092

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