

STABILITY CERTIFICATE

The detailed engineering and structure design of The Proposed Project is “**Brigade Stellaris**” - High Rise Residential Group Development Building consisting of Combined Extended 1st Basement Floor (for Parking, Fire Pump Room, STP & OWC) + 2nd Basement Floor (for Parking & STP Pump Room) + Combined Stilt Floor Part (for Parking) + Combined Ground Floor Part with Lobby, Badminton Court, Pickle Ball, Association Room, Kids Play Area, Amenities Lobby, Indoor Games, Multipurpose Hall, Reception Lobby, Care Taker Room + Combined 1st Floor (for Parking), Pump Room for Swimming Pool and Lobby, Toilet + Combined Podium at 2nd Floor Level with Open Swimming Pool; **Tower1:** 2nd Floor + 13th Floors + 14th Floor Part Residential Building with 66 Dwelling Units, SPA & Business Centre at 2nd Floor Level; **Tower 2:** 2nd floor + 13th Floors + 14th Floor Part Residential Building with 68 Dwelling Units, Yoga & Indoor Games at 2nd Floor Level; **Tower 3:** 2nd Floor + 13th Floors + 14th Floor (Part) Residential building with 82 Dwelling Units, Kids Play Area & Laundry at 2nd Floor Level; **Tower 4:** 2nd Floor + 13th Floors + 14th Floor Part Residential Building with 68 Dwelling Units Gym, Amenities, Association Room, Change Room & Shower Room at 2nd Floor Level; with Connecting Seel Bridge (at 46.40m height at 14th Floor Level), Totally 284 Dwelling Units and Gas Bank Situated at Old Door No.66, New Door No.142, Velachery Main Road, Chennai 600042, comprised in T.S. No. 6/1, Block No.20, Velachery (Part 1) Village, Velachery Taluk, within the limit of Greater Chennai Corporation has been done by us based on the report of geotechnical investigation (soil test) done by M/s. Geo Marine Consultants (P) Ltd 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. We have checked various parameters and found that the proposed building would be safe.

3. 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 IS Code No IS: 875 (Part 1, 2, 3) and design of earthquake resistant structure as per No IS: 1893 Part 1 and IS: 16700 – 2023 & 13920 -2016.

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

for DesignTree Service Consultants (P) Ltd.,

N.Arun Karannth

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