

Dated 29.06.2022

### **STRUCTURE STABILITY**

Structural Analysis of residential building under construction at J.Bhangipura Sy. No. 29, Jigani Hobli, Anekal Taluk under "1 Lakh Multi-Storey Bengaluru Housing Programme" and RAJIV GANDHI HOUSING CORPORATION LIMITED as Nodal Agency nominated by Government of Karnataka has been reviewed by us. Structure is designed with RCC Shear walls (Single stage and single pour using Mivan technology) having G+3 upper floors resting on Structural walls. Strip foundation is being adopted for the foundation system. Appropriate Dead Loads, Live Loads, Wind Loads, Seismic Loads and Load combinations as per IS-456 are considered in the analysis and structural designs. Structural Analysis & designs have been performed conforming to relevant Indian standards.

Hence, Structure can sustain the design loads, deformations of normal construction & use. The structure is SAFE and DURABLE.

For ACS Design Consulting Pvt. Ltd.,



C. Ravishankar M.E. (Structures), M.I.E

BCC/BL-3.6/SE-0318/2019-20

AEC- Consultant, Rajiv Gandhi Housing Corporation Limited