Vastu/Mumbai/09/2024/011198/ 2308165

13/18-171 -PABS

Date: 13.09.2024

**Structural Stability Report**

Structural Observation Report of Residential Flat No. 002, Ground Floor, Building No 31-B, LIG Scheme Code No. 91/A, **"Chandivali Deogiri Co-op. Hsg. Soc. Ltd."**, Plot No. 18 to 21 (Part), Village - Chandivali, Powai, Taluka - Kurla, District - Mumbai Suburban District, Mumbai, PIN Code - 400 072, State - Maharashtra, India

Name of Owner: **Shri. Sanjay Kalsekar**

This is to certify that on visual inspection, it appears that the structure of the at **"Chandivali Deogiri Co-op. Hsg. Soc. Ltd."** is in normal condition and the future life can be reasonably taken under good condition and with proper periodic repairs & maintenance is about 28 years.

**General Information**:

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| **A.** | **Introduction** | |
| 1 | Name of Building | **"Chandivali Deogiri Co-op. Hsg. Soc. Ltd."** |
| 2 | Property Address | Residential Flat No. 002, Ground Floor, Building No 31-B, LIG Scheme Code No. 91/A, **"Chandivali Deogiri Co-op. Hsg. Soc. Ltd."**, Plot No. 18 to 21 (Part), Village - Chandivali, Powai, Taluka - Kurla, District - Mumbai Suburban District, Mumbai, PIN Code - 400 072, State - Maharashtra, India |
| 3 | Type of Building | Residential used |
| 4 | No. of Floors | Ground + 4 Upper Floors |
| 5 | Whether stilt / podium / open parking provided | Open Car Parking |
| 6 | Type of Construction | R.C.C. Framed Structure |
| 7 | Type of Foundation | R.C.C. Footing |
| 8 | Thickness of the External Walls | 9” thick brick walls both sides plastered |
| 9 | Type of Compound | Brick Masonry Walls |
| 10 | Year of Construction | 1992 (As per agreement) |
| 11 | Present age of building | 32 Years |
| 12 | Residual age of the building | 28 Years Subject to proper, preventive periodic maintenance & structural repairs |
| 13 | No. of flats (Per Floor) | Ground Floor is having 8 Residential Flats |
| 14 | Methodology adopted | As per visual site inspection |

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| **B.** | **External Observation of the Building** | |
| 1 | Plaster | Normal Condition |
| 2 | Chajjas | Normal Condition |
| 3 | Plumbing | Normal Condition |
| 4 | Cracks on the external walls | Found |
| 5 | Filling cracks on the external walls | Found |
| 6 | Cracks on columns & beams | Not Found |
| 7 | Vegetation | Found at external wall of the building |
| 8 | Leakages of water in the drainage pipes or water pipes | Not Found |
| 9 | Dampness external in the wall due to leakages | Not Found |
| 10 | Any other observation about the condition of external side of the building | The external condition of the building is in normal condition |
| **C** | **Internal Observation of the common areas of the building and captioned premises** | |
| 1 | Beams (Cracks & Leakages) | Normal Condition |
| 2 | Columns (Cracks & Leakages) | Normal Condition |
| 3 | Ceiling (Cracks & Leakages) | Normal Condition |
| 4 | Leakages inside the property | Not Found |
| 5 | Painting inside the property | Normal |
| 6 | Maintenance of staircase & cracks | Normal |

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| --- | --- | --- |
| **D** | **Common Observation** | |
| 1 | Structural Audit of the Building Under Bye – Laws No. 77 of the Model Bye Laws (Co-Operative Societies Act / Rules) | As per bye Laws No. 77 of Co-Op. Societies bye Laws under the Act the society shall conduct a Structural Audit of the building of the society as follows |
| 2 | Remark | No Structural Audit Report is furnished for the perusal |

|  |  |
| --- | --- |
| **E** | **Conclusion** |
| The captioned building is having Ground + 4 Upper Floors which are constructed in year 1992 (As per agreement). Estimated future life under present circumstances is about 28 years’ subject to proper, preventive periodic maintenance & structural repairs.  The inspection dated 17.07.2024 reveals no structural damage or deterioration to the building. The building is well as the property is maintained in normal condition & will stand future life subject to proper, preventive periodic maintenance & Good structural repairs.  Our Observations about the structure are given above.  The above assessment is based on visual inspection only. | |

## Sharadkumar B. Chalikwar

Structural Engineer Licence No. STATE/R/2022/APL/01785

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Chartered Engineer (India)

Reg. No. (N) CCIT/1-14/52/2008-09

Cosmos Emp. No. H.O./Credit/67/2019-20

**Actual Site Photographs**





