

STRUCTURAL STABILITY REPORT FOR BUILDINGS OF RATNAM PRIVATE HOSPITAL

AT

NO:227, UNION PLACE, COLOMBO 02

Prepared by

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Inspection report on building at NO: 227, Union Place, Colombo 02.

1. The premises of Ratnam Private Hospital at NO:227, Union Place Colombo 02 was inspected by me in December 2019 to ascertain the structural safety of the building standing there on.
2. The land is an un-reclaimed natural ground which is not subjected to subsidence. On this premises there is a mix of fairly old single storied buildings two storied buildings of more recent constructions. As per soil investigation data around this premise, the ground is underlain by dense sand layer up to around 6m depth. The total floor area of the buildings on this large extent of land in a commercial area is much below the FAR permitted under UDA Regulations.
3. Single Storied Buildings

Some of the single storied buildings which date back to the colonial period are with very thick plastered cabook walls and roofed with country tiles. Few single storied buildings which have undergone additions and improvements are covered with corrugated asbestos roofing sheets. All there buildings are with flat ceilings. The floors are either laid with ceramic tiles or cement rendered. No signs of termite attack were evidenced in any of those buildings all there single storied buildings have been well maintained and in a sound structural condition suitable to use for several in years in future

4. Two storied Buildings

These buildings with RCC framed structures are of most recent construction. Suspended floor slabs are in RCC, walls are in brick works and corrugated asbestos roofing. All the walls are plastered. Floors are either laid with ceramic tiles or cement rendered. There are no signs of settlement or thermal cracks. Also, no trace of termite attack could be seen. As such even these two storied buildings which are also well maintained are in a sound structural condition suitable to use for several years in future. Few photographs of the buildings taken during the inspection are attached to this report.

5. Area to be renovated

Single storied building which were named as Maternity block, Labour room & Foundation ward & currently nonfunctional are to be renovated for the next five years.

6. As such I certify that all the buildings at the premises of Ratnam Private Hospital at NO 227, Union Place, Colombo 02 are structural safe against all possible loading conditions prevailing in Sri Lanka.


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