



महाराष्ट्र शासन
शासकीय अभियांत्रिकी व संशोधन महाविद्यालय, अवसरी खुर्द
तालुका - आंबेगाव जिल्हा पुणे ४१२४०५

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No. GCOEARA/Civil/T&C/2021

1610

Date 11 JUN 2021

To,
The Chairman,
Glory English Medium School,
Al-Ameen Educational & Medical Foundation
Sharad Campus, Pimple Jagtap Road, Koregaon Bhima, Tal. Shirur, Dist. Pune 412216.

Subject: - Structural Stability Report for the Glory School building

Reference: - Your letter number: Nil, Dated - 01.06.2021

Sir,

With reference to the above mentioned subject, the technical inspection of above mentioned school building in the campus of Al-Ameen Educational & Medical Foundation, Koregaon Bhima, Tal. Shirur, Dist. Pune, Pin-412216 has been carried out by our expert/s. The stability report with the observations is attached herewith for your perusal.



(Dr. A. S. Pant)

Principal,

Government College of Engineering
and Research, Avasari (Kd) Pune

Enclosure: - Structural stability report

TECHNICAL INSPECTION REPORT FOR STRUCTURAL STABILITY

at

**GLORY ENGLISH MEDIUM SCHOOL,
AL-AMEEN EDUCATIONAL & MEDICAL FOUNDATION
KOREGAON BHIMA, TAL-SHIRUR,
DIST-PUNE-412216**

Inspected and report by

Dr. Wasudeo N. Deulkar

Associate Professor and Head, Civil Engineering

and

Dr. Swapnil B. Kharmale

Assistant Professor, Applied Mechanics

Date of inspections: 5th June 2021

Department of Civil Engineering

Government College of Engineering and Research,

Avasari (Kd), Pune, Tal Ambegaon, Dist Pune, Pin 412405

Structural Stability Report/ Certificate

Receipt Number: DUE8949794, Dated 01.06.2021

This is to certify that Glory School under Al-Ameen Educational & Medical Foundation situated at Village-Koregaon Bhima, Tal. Shirur, Dist. Pune-412216 was visited on 5.06.2021 for inspections and observations to issue structural stability certificate. During the visit, following are the observation and recommendations.

- 1) The said school building is visited physically for the visual and detail inspection of structural system of school building. The said school building is located in survey number 175/2, at Koregaon Bhima, Taluka Shirur, District Pune.
- 2) Construction of said building was completed by year 2008-09 as per documents provided.
- 3) The existing building is G + 2 and in the form of "C" shape. It is constructed and situated in a plot area of 4 acre. The built up area for each floor including ground floor is equal to 1114.3 Sqm, totaling to be 3342.9 Sqm
- 4) The said building and its structural systems observed to be intact without any degradation of strength and stiffness.
- 5) Non-destructive tests by Rebound hammer were conducted on various structural elements. Average compressive strength of hardened concrete for different element is between 20 to 24 MPa and structural steel used for the construction observed to be HYSD steel.
- 6) No where the signs of deterioration of structural elements in the form of corrosion of steel reinforcement, exposure of steel reinforcement to the environment and spalling of concrete is observed.
- 7) As report of safe bearing capacity of soil was not available, the trial pits were excavated. It is observed that hard murum is available at a depth of 0.6 m below ground level.
- 8) The utility services such as plumbing, sanitary units for male/female, fire extinguisher as well as compound wall for safety were observed to be functional.
- 9) Sample photographs during inspection are attached.

The said building is found to be safe and structurally stable to be used for school. This certificate of stability is issued based on the observations, documents/drawings, etc, provided.



Dr. W. N. Deulkar

Dr. W. N. Deulkar
Head of Department

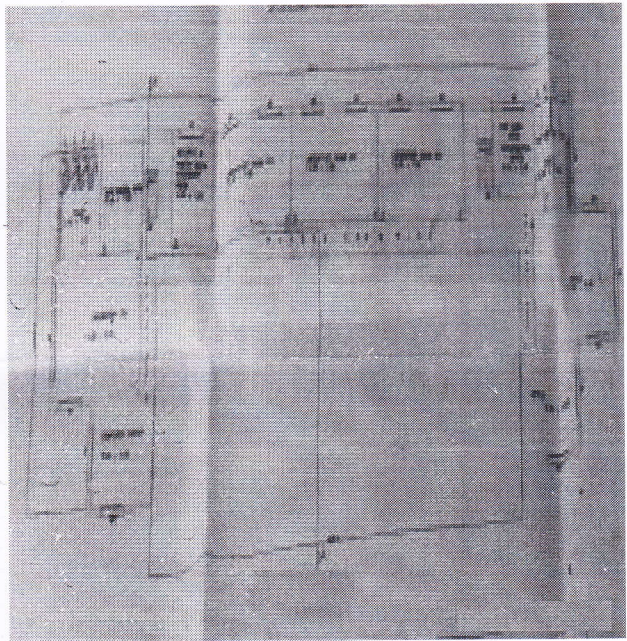
Department of Civil Engineering
Govt.

Awasari Khada, Dist. Pune

Sample Photographs at Glory English Medium School, Sharad Campus, Pimple Jagtap Road, Koregaon Bhima, to support the Structural Audit Report



Front view, Glory English Medium School Building



Plan of Building



NTD Test in veranda



NTD Tests in class room



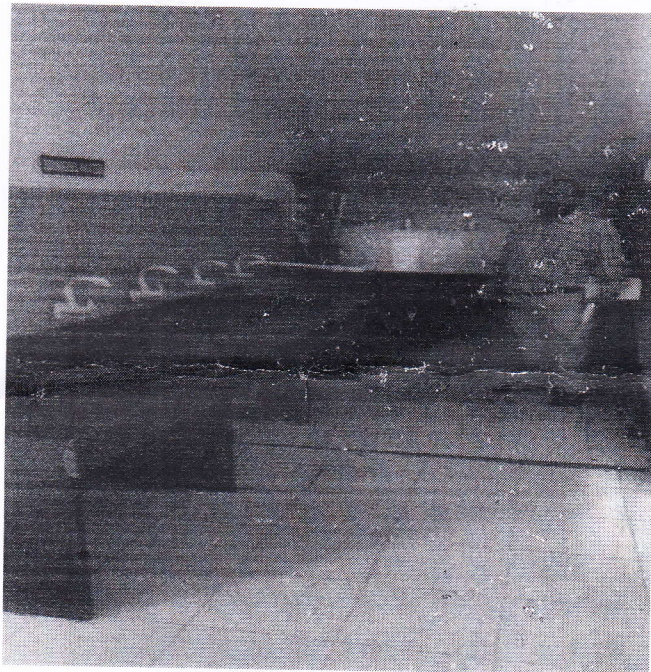
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Soil pit for SBC



Fire extinguisher



Drinking water



Sanitary units



Dr. W. N. Deulkar

(Dr. W. N. Deulkar)

Head of Department

Department of Civil Engineering

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Avasari Khurd, Dist. Pune