

Date- 12/10/2019.

Building Safety Certificate

**Name of School – Mary Memorial International School, of Indian Society For social Action,
Daund, Pune.**

**Address – Mary Memorial International School, of Indian Society For social Action, Gat No 185/1/2,
Daund – Patas Road, Girim, Tal- Daund. Dist Pune - 413801.**

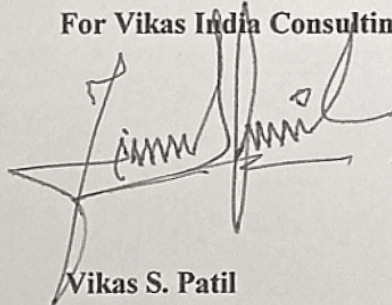
I certify that I have inspected the Building of Mary Memorial International School, of Indian Society For Social Action, Gat No 185/1/2, Daund – Patas Road, Girim, Tal- Daund, Dist Pune, the plans, with its built up area about 31653.22 Sq.Ft. of which have been approved by the Girim Gram Panchayat, Vide their letter.

I have carried out structural Audit based on Technical inspection of the accessible Parts / areas of the building referred above.

Based on the technical observations, visual symptoms & manifestations shown by the structure and the data collected from site and after structural analysis, I am of the opinion that the said structure / building is structurally sound and their stability will not be endangered by using it as school Buildings for which structure / building is intended. A structural Audit report covering details about structures, site observations along with photographic survey is attached with this certificate.

I hereby certify that Mary Memorial International School, of Indian Society For social Action, is found safe structurally for the purpose of utility of this building.

For Vikas India Consulting Pvt. Ltd.



Vikas S. Patil
M. Tech. IIT Mumbai
PWD-PWR/C.E./7/4184/2016.
PWD-CEA2016/D-7/2016
PMC-LIC. No.-113/1998.
MCGM- LIC. No. STR/P/160



**STRUCTURAL SAFETY REPORT FOR
MARY MEMORIAL INTERNATIONAL SCHOOL, OF
INDIAN SOCIETY FOR SOCIAL ACTION. DAUND,
PUNE.**

Submitted by

**Vikas Patil.
M. Tech IIT Mumbai.
Managing Director.**

Vikas India Consulting Pvt. Ltd.

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Submitted to

**Mary Memorial International School,
Gat No 185/1/2, Daund – Patas Road, Girim, Tal- Daund. Dist Pune - 413801.**



Structural Report of Mary Memorial International School, of Indian Society for Social Action. Daund, Pune.

Objective - Structural Assessment for The R.C.C. building with primary loads by detailed structural Analysis. As per the data collected by technical site inspection.

01	Address	Mary Memorial International School, of Indian Society For Social Action, Gat No 185/1/2, Daund – Patas Road, Girim, Tal- Daund. Dist Pune - 413801.
02	Date of Inspection	10-10-2019.
03	Total Built up Area	31653.22 Sq. Ft
04	Approximately Age	04 Years
05	Structural Grading	GRADE – I (Safe & Stable)
06	Building Floors	(G+2).

Basis of this inspection is based on the following guidelines.

- 1) Wind load calculations are as per IS-875 (part-3).
- 2) Live loads are taken from IS- 875 (part-2).
- 3) R.C.C. calculations are as per IS-456.
- 4) Steel calculations are as per IS- 800.
- 5) Earthquake calculations are as per IS-1893.



CONTENTS

Section No.	Title
01	Building Descriptions.
02	Detailed observations of Different component of the buildings.
03	Concluding Remarks
04	Detailed drawing
05	Photographs.



Building Descriptions:**1. The External Look Of The Building :**

- Type of the structure: - RCC
- Building face: - North.
- Building Type: - School Building.
- Building Front: - Symmetrical
- Wall Surface Painted: - Yes
- Condition of Painting: - New
- Material Used for Roof: - RCC Slab
- Building Stands on A Raised Plinth: Yes
- Height of The Plinth Level: 450 mm
- Position of Main Entrance Door: Steps Up to It
- Indications of Blocked Doors or Window: No

2. Location & Surroundings :

- Building Face Directly on to Its Access Road: No
- Status of Access Road: Rare Traffic Road.
- Road Type: Bitumen Road
- Neighboring Building Distance: 16 M.

3. Visible Internal Features :

- Materials Used for Floors: Tiles/Quota.
- Material of the sill, Lintel, Frames: RCC Lintel
- Skirting: Yes
- Wall Thickness: - 230mm
- Staircase Material: RCC.
- Doors: Wooden Material.
- Windows: Glazed framed with Aluminum.



Detailed observations of Different component of the buildings

1. Sub-Structure/ Foundation.

- As per observation & checking Building sub structure and foundation are in good and at Structurally stable condition.

2. Columns & Beams.

- Columns and beams as well as slabs of the entire building at all floors are found to be structurally safe and stable.

3. Walls.

- Wall being the nonstructural members of the building and observed to be in good condition.

4. Flooring.

- Non Structural item and observed to be in good condition and shall be maintained regularly.

5. Ceiling.

- Non structural item and in good condition.

6. Windows & Doors.

- Door and window panels are new and in good and working condition.

7. Sanitary Units.

- All sanitary units in toilets are good and proper working condition. No leakages observed. Frequent maintenance shall be carried out.



8. Plumbing System.

- All plumbing units, pipes, joints etc are in good and operational condition.
Periodic checking shall be carried out.

9. Staircase.

- staircases are found to be structurally stable and safe.

10. Railings.

All railings of the staircases are in good condition, periodic checking shall be carried out.

11. Chajja.

- All the chajja portions are found to be structurally safe and stable.

12. Vegetation Growth.

- Periodic checking and cutting of vegetation growth shall be carried out for all structural components of the building.



Concluding Remarks:

The said G+2 structure is about 04 years old. The building is designed and constructed as RCC building. After technical inspection and analytical checking, all the structural and nonstructural units are found to be structurally safe and stable, periodic checking shall be carried out as mentioned in the observation.

This building shall be structurally audited after every 3 years by the competent structural consultant.

Category: GRADE – I (Structurally safe & stable)

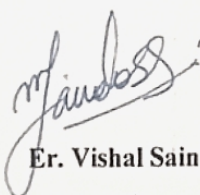
Surveyed By



Er. Shrikant Gambhire.

BE (Civil)

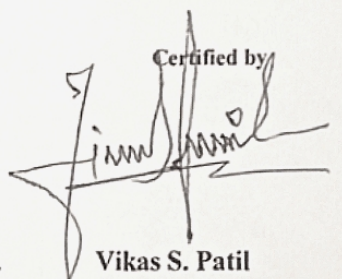
Checked by



Er. Vishal Saindore.

BE (Civil)

Certified by



Vikas S. Patil

M. Tech. IIT Mumbai
PWD- P.W.R/C.E./7/4184/2016.
PWD- CEA2016/D-7.
PMC- PMC.LIC. No.-113/1998.
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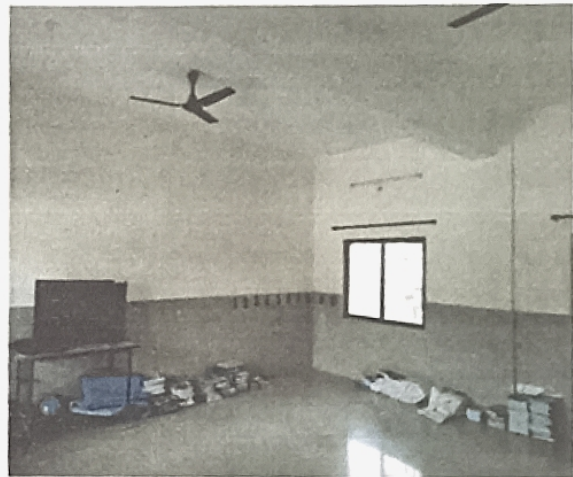
Mary Memorial International School, Daund, Pune.

**STRUCTURAL SAFETY REPORT FOR MARY MEMORIAL INTERNATIONAL SCHOOL, OF INDIAN SOCIETY
FOR SOCIAL ACTION. DAUND, PUNE.**

Inspected Building



Ground Floor



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Frist Floor



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Mary Memorial International School, Daund, Pune.

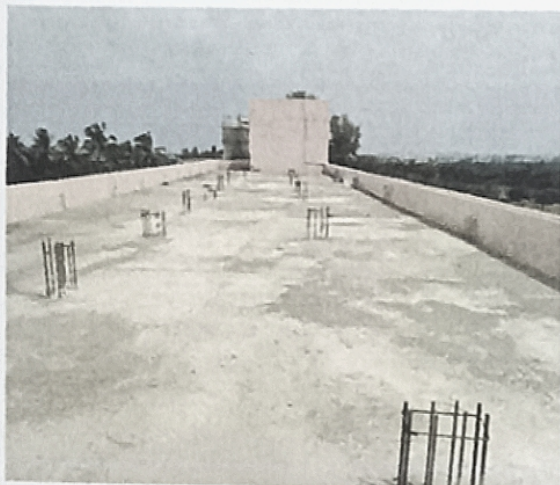
Second Floor



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Terrace



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Mary Memorial International School, Daund, Pune.

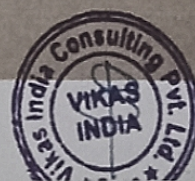
Rear Side



Left Side



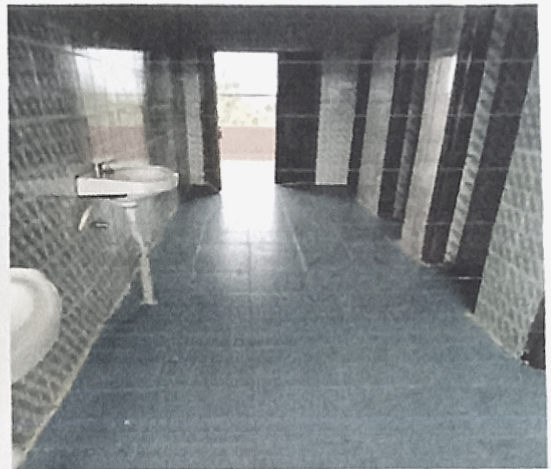
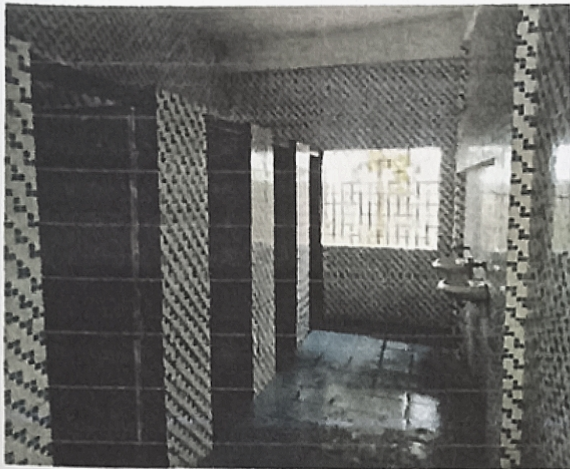
Right Side



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Toilets



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Mary Memorial International School

Daund-Patas Road, Girim, Daund, Pune



School Building



Fire extinguish



Ramp



Drinking Water