

E.r. H.P. Garg

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VATSAL CONSULTANT

CHARTERED ENGINEER-CONSULTANT-ARCHITECT

REGISTERED VALUER SUPERVISOR

(Approved By Govt. Of India, Chief Commissioner Of
Income Tax Kanpur) Regn No .: Cat - 1/163 Of 1997

103, ANSAL, SUMEDHA, RAJ NAGAR, GHAZIABAD.

APPROVED VALUER F.I.V. No. F- 14559 (Cat-I)

Ref. No.

Dated. 3/4/2021

To

STRUCTURAL SAFETY CERTIFICATE

STRUCTURAL SAFETY CERTIFICATE IN RESPECT OF
CONSTRUCTION EXISTING ON LILAWATI SMARAK ADHUNIK
SHIKSHAN SANSTHAN AT PRATAP VIHAR SECTOR-XII,
GHAZIABAD

MANAGED BY : LILAWATI PUBLIC SCHOOL SECTOR-XII,
PRATAP VIHAR, GHAZIABAD.

Owner / Proprietor: TRUST

Certified that the construction in respect of constructed exists for
**LILAWATI SMARAK ADHUNIK SHIKSHAN SANSTHAN AT
PRATAP VIHAR SECTOR-XII, GHAZIABAD**

1. Certified that the building has been analyzed and checked up
with reference to structural safety and stability with adequate
factor of safety as per relevant IS code is **1893, 4326, 13920**,
Building constructed with criteria for earthquake protection
IS - 1893 - 2005.
2. Certified that the building is safe and capable of resisting the
forces and moments of natural hazards.
3. The building is capable of taking load of all services and live
load as prescribed by the standard requirements.

SIGNATURE OF THE OWNER
WITH DATE

[Handwritten Signature]

NAME IN BLOCK LETTERS
AND ADDRESS

SIGNATURE OF STRUCTURAL
ENGINEER WITH DATE

NAME IN BLOCK LETTERS
AND ADDRESS

[Handwritten Signature]
E.R. H.P. GARG M.I.E. (Civil)
Ex. Engg. C.P.W.D. (Retd) 3/4/21

**BRIEF DESCRIPTION OF LILAWATI SMARAK ADHUNIK
SHIKSHAN SANSTHAN AT PRATAP VIHAR SECTOR-XII,
GHAZIABAD**

This is a Three storeyed school building: R.C.C. Frame
Structure, Year of Construction 1990-92.

- I. Basement : Class Room, Passages, Staircase etc.
- II. At ground floor having recreation waiting hall, admn hall, principal / chairman room staff room class room toilets, labs, staircase leading.
- III. At first floor also class rooms, labs library, store, staff toilets and staircase leading above.
- IV. At second floor classrooms and toilets, mumty, room.

2. Total Area of the School Building

I. Plot	9994.70 Sqm.
Total Area of Land =	9994.70 Sqm.

3. Total Covered Area of All Floors

(1) Basement	992.00 Sqm.
(2) Covered Area at G.F.	1582.60 Sqm.
(3) Covered Area at F.F.	1571.60 Sqm.
(4) Covered Area at Second Floor	80.16 Sqm.
Total Covered area of all floors	4226.36 Sqm.

4) Details for Load Bearing Part of the Building

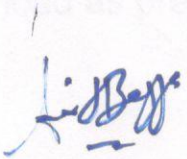
- 5.1 Building Category "A" as per IS 4326.
- 5.2 Brick Walls 9" thick in cement sand mortar.
- 5.3 Flooring : At G.F. Kota Stone, C.C., at First & Second Floor Kota Stone, office marble stone.
- 5.4 Chowkhats & Board Shutters, Doors / Windows Wooden glass panes.
- 5.5 Roofing : R.C. slab, terrace finished with bricks land over mud phaska grouted with cement mortar.
- 5.6 Opening in walls : Used on location strengthening around as per IS 4326, IS 13828.
- 5.7 Bonds : Provided at D.P.C. Level, Doors / Windows level and at Roof Slab Level.
- 5.8 Finishing Cement Plaster, in side OBD and outside cement plaster with painting with cement paint. Steel work is also painted.

5) R.C. Frame Building

- 6.1 Building Shape: Symmetrical
- 6.2 Stability Check: Yes
- 6.3 Ductile detailing of R.C. frame Yes for Beams, columns, beam column joints, shear walls, as per IS : 13920.

Signature of the Owner
With date
Name in Block Letters
Address

Signature of the Structural Engineer
with Date
Name in Block Letters Address


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G.O.I.C.C.I.T. Reg.No.-163/1997(Cat-I)

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3/4/21