

**E/r. H.P. Garg**

M.I.E. (CIVIL)

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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

Institution Of Valuers,

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

103, ANSAL, SUMEDHA, RAJ NAGAR, GHAZIABAD.

Ref. No. ....

Dated. 18/3/2021

To

## **STRUCTURAL SAFETY CERTIFICATE**

STRUCTURAL SAFETY CERTIFICATE IN RESPECT OF  
CONSTRUCTION EXISTING ON GREEN FIELD PUBLIC  
SCHOOL IN SANJAY NAGAR GHAZIABAD

**MANAGED BY : GREEN FIELD PUBLIC SCHOOL SAMITI**

**Owner / Proprietor: MR. PRITHVI SINGH**

Certified that the construction in respect of constructed exists for  
**GREEN FIELD PUBLIC SCHOOL IN SANJAY NAGAR,  
GHAZIABAD (UP)**

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**

**SIGNATURE OF STRUCTURAL  
ENGINEER WITH DATE**

**NAME IN BLOCK LETTERS  
AND ADDRESS**

**NAME IN BLOCK LETTERS  
AND ADDRESS**



*[Signature]*

**MANAGER  
GREEN FIELD PUBLIC SCHOOL  
SECTOR-23, GHAZIABAD**

**ER. H.P. GARG M.I.E. (CIVIL)**  
Ex. Engg. C.P.W.D. (Retd)  
Approved Valuer  
C.O.I.C.C.I.T. Reg.No.-163/1997(Cat-I)  
F.I.V. No. F-14559 (Cat-I)

18/3/2021



**BRIEF DESCRIPTION OF GREEN FIELD PUBLIC SCHOOL IN  
SANJAY NAGAR GHAZIABAD (UP)**

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

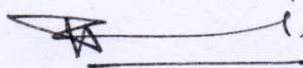
- I. At ground floor having recreation waiting hall, admn hall, principal / chairman room staff room class room toilets, labs, staircase leading above.
- II. At first floor also class rooms, labs library, store, staff toilets and staircase leading above.
- III. At second floor classrooms and toilets.

**2. Total Area of the School Building**

- I. Plot 2922.86 Sqm.  
Total Area of Land = 2922.86 Sqm.

**3. Total Covered Area of All Floors**

- I. Covered area at Ground Floor = 10858 Sqft.
- II. Covered At First Floor= 10858 Sqft.  
Covered At Second Floor= 1354 Sqft.  
Total Covered Area of All Floors= 23071.0 Sqft.

  
ER. H.P. GARG M.I.E. (Civil) 18/3/21  
Ex. Engg. C.P.W.D. (Retd)  
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E.L.V. No. F-14559 (Cat-I)

## **BUILDING INFORMATION SCHEDULE**

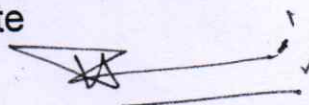
Building Address : **GREEN FIELD PUBLIC SCHOOL IN SANJAY  
NAGAR GHAZIABAD (UP)**

- 1) Building Function & Location:
  - i) School Building
  - ii) Ordinary
  - iii) Seismic Zone IV
- 2) Foundation : Individual columns footing, R.C.C. framed structure, spread wall foundation & filler walls, brick work at all floors with bricks class 75 designation in cement mortar, R.C.C. work with 1:2:4 with Tor Steel reinforcement as per 415 N/mmsq.
- 3) Soil Type at Site : Ordinary, Normal Soil, Bearing Capacity 12.5 MT / Sqm.

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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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.
- 5.4 Aluminium / Steel Section Doors / Windows.
- 5.5 Roofing : R.C. slab, terrace finished with cement concrete finish.
- 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.
- 5.9 All joinery work in entrance / reception aluminium work door panlled, steel windows.

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With date  
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Address

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