

CERTIFICATE

It is hereby certified that the structural and foundation design of the  
Constructed Group Housing Building At Part POCKET D BLOCKA  
HI-TECH TOWN SHIP Lucknow. For which map and plans sanctioned  
from Lucknow Development Authority satisfy the safety requirements as  
stipulated in the relevant Indian Standard Codes-IS:456-2000" CODE OF  
PRACTICE FOR PLAIN AND REINFORCED CONCRETE" ISI institution, September  
2000 &. National Building Code-2005. guide lines and documents specified in  
Annexure-2 of Housing Department of Government of Uttar Pradesh vide  
G.O.No.570/9-A-1 Bhokamp Rodhi/2001(A.B.) Dated February 2, 2001.

- (1) Signature of Owner with date

Name (Block) .....

Address- .....

- (2) Signature of the Structural

*Raman*

**D & R CONSULTANTS**  
100, 3rd Floor, Bharat Nagar  
(New Friends Colony)  
New Delhi-110029

Name (Block) ..... REVATI RAMAN SINGH

Legible Seal (With address)

- (3) Signature of the Arc/Eng.

*Ruchi*

Name (Block) .....

Legible Seal (With address)

**RUCHI MISHRA**  
Reg. No. CA/2008/43324

Address :- Constructed Group Housing Building -

POCKET D BLOCKA, HI-TECH  
TOWN SHIP Lucknow.

APPENDIX—3  
For Structural Stability Certificate


To,  
The Chief Executive Officer,  
Lucknow Development Authority,  
Uttar Pradesh.

Sir,

I hereby certify that the structural design of the Building on Plot No. .... in Estate-----  
-----in Sector-~~HI-TECH TOWN~~ SHIP Lucknow shall be done by me/us and carried out  
in accordance with Part/IV structural design of National Building code of India corrected  
upto date.

POCKET-D  
BLOCKA

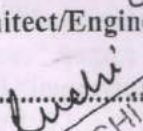
Signature of Architect/Engineer/Group/Town Planner/Draftsman

  
.....  
100, 3rd Floor, Bharat Nagar  
(New Friends Colony)  
New Delhi-110025

Name of the Architect/Engineers/Group/Town Planner/Draftsman

.....  
REVATI RAMAN SINGH

License No. of Architect/Engineer/Group/Town Planner/Draftsman

  
.....  
RUCHI MISHRA  
Reg. No. CA/2008/43324

Address of Architect/Engineer/Group/Town

Planner/Draftsman.....

Dated: 22-07-16



Appendix - 8(A)

Kindly tick the relevant codes that have been followed

## STRUCTURAL SAFETY AND NATURAL HAZARD PROTECTION OF BUILDINGS

Requirements specified in the following Indian Standards, Codes and guidelines and other documents needs to be observed for structural safety and natural hazard protection of buildings etc:-

a) For General Structural Safety

- 1) IS : 1905 - 1987 "Code of practice for structural safety of buildings; masonry walls" Indian Standards Institution, March 1981 ✓
  - 2) IS : 1904 - 1978 "Code of practice for structural safety of buildings; foundation" Indian Standards Institution ✓
  - 3) IS : 456 - 2000 "Code of practice for plain and Reinforced Concrete" Indian Standards Institution, September 2000. ✓
  - 4) IS : 800 - 1984 "Code of practice for general construction in steel" Indian Standards Institution, February 1985 N/A
  - 5) IS : 883 - 1966 "Code of practice for design of structural timbers in buildings;" Indian Standards Institution, March 1967 N/A
- Besides any other relevant Indian Standards will need to be referred to

b) For Earthquake protection

- 1) IS : 1893 - 1984 "Criteria for Earthquake resistant Design of Structures (Fourth Revision)" June 1986 ✓
- 2) IS : 13920 - 1993 "Ductile detailing of reinforced concrete structures subjected to Seismic forces - Code of Practice" November 1993 ✓
- 3) IS : 4326 - 1993 "Earthquake Resistant Design and Construction of Buildings - Code of Practice (Second Revision)" October 1993 ✓
- 4) IS : 13828 - 1993 "Improving Earthquake Resistance of Low Strength Masonary Buildings - Guidelines" August 1993. N/A
- 5) IS : 13827 - 1993 "Improving Earthquake Resistance of Earthen Building Guidelines" October 1993 N/A
- 6) IS : 13935 - 1993 "Repair and Seismic Strengthening of Buildings - Guidelines" November 1993. N/A
- 7) "Improving Earthquake Resistance of Building - Guidelines" by expert group, Government of India, Ministry of Urban Affairs and Employment, published by BMTPC 1998. N/A
- 8) The National Building Code of India 1983 ✓

For location of the building in hazard prone area of earthquakes, cyclone or wind storms and floods, reference

may be made to the following:

- 1) "Vulnerability Atlas of India" by expert group, Government of India, Ministry of Urban Affairs and Employment, published by BMTPC 1997.

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No. CA/2008/43324

*Baner*  
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**NOTE :**

1. As and when anyone of the above referred standards and documents is revised, the design and construction of Buildings thereafter must satisfy the latest version for approval of building plans by the Authority.  
The above information is factually correct.

**Signature of owner with date**

Name (Block) .....  
Address: .....

**Signature of the Engineer who had/will  
Supervised the construction**

Name (Block) .....  
Legible Seal:  
(with address)

*Raman*

**REVATI RAMANSINGH**

**D & R CONSULTANTS**  
100, 3rd Floor Bharat Nagar  
(New Friends Colony)  
New Delhi-110025

**Signature of the Licensed Technical Person who had/will  
Supervised the construction**

Name (Block) .....  
Registration No. ....  
Legible Seal : .....  
With address

*Ruchi*

**RUCHI MISHRA**  
Reg. No. CA/2008/43324



## Appendix -8 (B)

**BUILDING INFORMATION SCHEDULE**

1. Building Address	Plot No.	Scheme/Colony	Town	District
POCKET-D BUCKA HI-TECH TOWNSHIP LUCKNOW				
2. Building function & Locations				
2.1 Use	Institutional	Commercial	Industrial	*
2.2 Importance	Ordinary ✓	Important	Hazardous	* IS:1893
2.3 Seismic Zone (Design Intensity Used)	V(IX)	IV(VIII)	✓ III(VII)	II(VI) IS:1893
3. Design EQ Factor	$\alpha_0 = \dots$	$I = \dots$	$\beta = \dots$	$\alpha_h = \dots$ IS:1893
4. Foundation				
4.1 Soil type at site (Note 2)	Rock/stiff ✓	Medium # Soft	Liquefiable	Expensive(B.C.) IS:1904
4.2 Type of Foundation	Strip	Indiv.Col.	Fottings/Raft	✓ Bearing Piles Friction Piles IS:1893
5. Load Bearing Wall Buildings	N/A			
5.1 Building Category	A(a h < .05) B(a h = .05 to .06) C(a h .06 to < .08) D(a h .08 to a < 9.12) E(a h > 0.12) IS:4326			
5.2 Bearing Walls	Brick	Stone	Solid Block	Hollow Block Abode
5.3 Mortar (Note 4)	C : S=1:.....	C:L:S=1 .....	L:S=1: ...	Clay Mud *
5.4 Floors	R.C. slabs	Stone slabs on joists	Prefab flooring elements *	
5.5 Roof structure	Flat like floors/pitched Trussed/Raftered/A Frame/Slopping R.C. Slab			
5.6 Roof covering	CGI Sheeting	AC Sheeting	Clay tiles/Slate	Wood shingle *
5.7 Opening in walls	Control used on sizes? Control used on location? Strengthening around? IS:4326			
	Yes/No/NA	Yes/No/NA	Yes/No/NA	IS:13828
5.8 Bands Provided	Plinth Band Lintel Band Roof/Eave Band Gable Band Ridge Band -do-			
5.9 Vertical Bars	At corners of rooms At jambs of openings * -do-			
5.10 Stiffening of Prefab Floors/Roofs	R.C. screed & Band Peripheral band and Diagonal planks & IS:4326 connectors around band			

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**6. Steel/R.C. frame buildings**

**6.1 Building shape** Both axes near symmetrical One axis near symmetrical/Unsymmetrical (torsion considered)

**6.2 Infills/partitions** Out of plane stability check? Yes/No In Plane stiffness considered?

Yes/No IS:1893, IS:4326

**6.3 Ductile Detailing of** Beams? Columns? Beam/column Joint? Sheer Walls? IS:13920  
RC Frames

Yes/No

Yes/No

Yes/No

Yes/No

**6.4 Ductile Detailing of** Beams? Columns? Beam/column Joint?  
Steel Frames Yes/No Yes/No Yes/No

SP6(6)

N/A

**Notes**

1. Encircle the applicable Data point or insert information.

2. Stiff.N>30:Medium.N=10.3:Soft.N<10:Liquefiable,poorly graded sands with N<15 under Water Table (see

Note 5 of Table 1 in IS:1893)

Where N: Standard Penetration (I:2131 - 1981)

3. \* Means my other. Specify.

C = Cement, S=Sand, L= Lime

The above information is factually correct.

*Raman*

**Signature of owner with date**

Name (Block) .....

Address:.....

**Signature of the Engineer who had/will**

**Supervised the construction**

Name (Block) ....REVAJI RAMAN SINGH

Legible Seal: .....

(with address)

**Signature of the Licensed Technical Person who had/will**  
**Supervised the construction**

Name (Block) .....

Registration No. ....

Legible Seal : .....

With address

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**CERTIFICATE**  
(Sub-clause 13.4)

(To be submitted with the application for obtaining completion certificate)

1. Certified that the Building for which completion plan has been submitted for approval, conforms to the requirements of relevant Indian Standard Codes and National Building Code as referred in Annexure-1 of Building Bye-Laws in respect of Structural Safety in general and National hazards including earthquake in particular.
2. It is also certified that the Building has been constructed as per approved foundation and structural designs provided by the Structural Engineer which are certified to be based on relevant Indian Standard Code and National Building Code as referred above and the building is safe for occupancy.

**3. Location/Address of Building**

Plot No ..... POCKET-D, BLOCKA  
 Scheme/Colony ..... HI-TECH TOWNSHIP  
 Town ..... LUCKNOW  
 District ..... LUCKNOW

**4. Particulars of Building**

1. Ground Coverage (sq mt)
2. Total covered area(sq mt)
3. Maximum Numbers of Floors above ground.

**Signature of Owner with date**

Name (Block) .....  
 Address:.....  
 .....  
 .....

**Signature of the Engineer who had  
Supervised the construction**

Name (Block) REVATI RAMAN SIN  
 Legible Seal: (with address)

**Signature of the Architect who had  
Supervised the construction**

Name (Block) .....  
 COA Registration No.  
 Legible Seal  
 (with address)

*Ruchi*  
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