



**INDUSTRIAL DEVELOPMENT AND INCUBATION CENTRE  
UNIVERSITY COLLEGE OF ENGINEERING (A)  
OSMANIA UNIVERSITY, HYDERABAD-7, TS.**

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Website: www.osmania.ac.in/uceou.edu



No: IDIC /2019/ GHMC/ 02

Dt: 05.09.2019

To  
The Chief City Planner,  
Town Planning Section (H.O)  
Greater Hyderabad Municipal Corporation  
CC Complex, Tank Bund Road  
Hyderabad.

Sir,

Sub: IDIC – GHMC High Rise Buildings – Release of Proof checked & Approved  
Structural drawings – Reg.

Ref: Lr.No: 1/C27/22157/2018/626, dt. 22-07-2019, from Chief City Planner GHMC,  
Tank Bund, Hyderabad, addressed to The Director, IDIC, OU.

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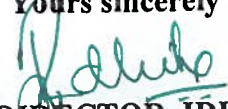
Please find herewith the Proof checked and certified approved drawings (list enclosed) along with the method of proof check, pertaining to the GHMC File No. 1/C27/22157/2018 referred vide ref. 2<sup>nd</sup> cited above, which belongs to Sri Prem Kumar Sanghi .

The Project consists of Multi-Storied Residential Apartment Building permission for proposed construction of 2-Cellars, Ground +6 Upper Floors in sy. No.196 situated at Kowkooor village, Malkajgiri Mandal, Medchal, Malkajgiri District built up area (including parking and amenities area) of 27118.55 sq m (291795.6 sqft.)

This approval is given based on the information and clarifications provided by the structural design consultant in the process of its check. In case of any clarifications you may please contact us.

Thanking you

Yours sincerely

  
DIRECTOR, IDIC  
DIRECTOR  
IDIC, UCE, O.U.



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## CERTIFICATE

This is to certify that the structural designs and drawings of the Proposed Multi-Storied Residential Apartment Building permission for proposed construction of 2-Cellars, Ground +6 Upper Floors in sy. No.196 situated at Kowkoo village, Malkajgiri Mandal, Medchal, Malkajgiri District have been verified and Proof Checked in combination with the Architectural drawings, relevant IS codes & standard Practices. The structural designs and drawings are satisfying the Provisions of all the relevant IS codes, NBC of India with respect to all the Loads, Load combinations, Design procedure, Safety & Serviceability. The structure is safe & stable and recommended to GHMC for approving the Structural designs.

This certificate is invalid if any subsequent modifications are made to the structure in any manner. Further the certificate is invalid in case of misrepresentation of data, suppression of records or willful modifications to the records by the builder or their agents.

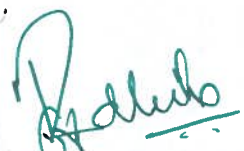
**Proofed Checked by:**

  
1. Mrs. D. Annapurna

  
**ASSOCIATE PROFESSOR**  
Department of Civil Engineering  
University College of Engineering  
(Autonomous)  
Osmania University, Hyderabad 500 007.

  
2. Mrs. P. Anuradha

  
**ASSISTANT PROFESSOR**  
Department of Civil Engineering  
University College of Engineering  
(Autonomous)  
Osmania University, Hyderabad-500 007.

  
**DIRECTOR IDIC**  
**DIRECTOR**  
**IDIC, UCE, O.U.**



## Method of Proof Check

**I** The design basic report is scrutinized and the material, loads and load combinations verified as per existing standards.

**II** ETAB model of the structure has been checked for :

1. Loads coming on the structure is as per IS- 875, IS- 1893, as per the load combination specified in IS 456 and as mentioned in the report submitted by the client.
2. Dimensions of various members, its spans & length of members are cross checked with the values given in Architectural & Structural drawings.
3. Reanalysis of the structures has been carried out.
4. The structures have been checked for behaviour under seismic load with the relevant load combinations.

**III** Structural drawings are verified for:

- 1) The reinforcement details and maximum spacing of bars in slabs, beams, columns and footings as per SP 34 of IS 456 based on actual Bending Moment & Shear Force.
- 2) The client / Consultant has made the necessary changes in designs and drawing and resubmitted them as per the structural safety, stability and detailing requirement of IS codes – specified and based on our comments and discussion.
- 3) Verification of beams, slab, column and footing drawings including reinforcement detailing.
- 4) Specific Stampings and corrections have been made in the respective drawings.

However the following observations have made based on the structural design and drawings given by the structural consultant designer:

1. The structural analysis is revised in compatible with architectural drawings.



*P. M. 5/9/19*  
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*Annapurna 5/9/19*  
ASSOCIATE PROFESSOR  
Department of Civil Engineering  
University College of Engineering  
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*[Signature]*  
DIRECTOR  
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2. The moments are not released in transverse beams.
3. Drawings pertaining to amenities are provided from first to sixth floor.
4. Retaining wall design drawing and detailing is not provided

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2.. Mrs. P. Anuradha

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### List of the Drawing Proof checked

| S. No. | Drawing Title                                                | No. of Drawings |
|--------|--------------------------------------------------------------|-----------------|
| 01     | Structural Drawings                                          | 17              |
| 02     | CAD Drawings                                                 | 8               |
| 03     | STAAD PRO Reports ( Actually ETAB Design files are provided) | 3               |
| 04     | Xerox copy of soil test report                               | 1               |
| 05     | Xerox copy of structural stability certificate               | 1               |
| 06     | Soft copy                                                    | 1               |

#### Proofed Checked by:

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*[Signature]*

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