



DEPARTMENT OF CIVIL ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING (A)
OSMANIA UNIVERSITY, HYDERABAD-7, (T.S.)
Phone No. 040-27097125, Mobile: +91-9949638885
Web site: www.osmania.ac.in/uceou.edu



No: CEDOU/2018/GHMC/30

Date: 28-01-2019

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:- 1) Discussions held on 16-09-2008 in the chambers of Commissioner &
Special Officers, GHMC.

2) Lr.No: **1/C1/03199/2018**, Dt: 22-12-2018, of the Chief City Planner
GHMC, Tank Bund, Hyderabad, addressed to the Head of Civil
Engineering Department, OU.

Please find herewith the Proof checked and approved drawings (list enclosed),
certificate and methodology of proof checking pertains to the GHMC File No.
1/C1/03199/2018 referred vide ref. 2nd cited above, belongs to **Bhavesh**
V.Mehta&Mehul V.Mehta The Project consists of

Multi-Storied Residential building with a total built up area of
35,609.53 m² (3,83,298 sqft.)

This approval is given in good faith and is based on the information and
clarifications provided by the consultant. This approval does not absolve the original
designer and the consultants and the Contractor of their responsibility.

In case of any clarifications you may please contact us.

Thanking you,

Yours sincerely,

 28/01/2019

Head Civil Engineering, OU



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CERTIFICATE

This is to certify that the structural designs and drawings of the Proposed Multi-storied Residential Building consisting of two basements, ground +9 Upper floors & Amenities Block with Ground + 9 Upper floors in Sy.no: 82/1 situated at Mallapur Village ,GHMC, Kapra Circle Uppal Mandal, Medchal Malkajgiri Dist have been verified and Proof Checked in conjunction 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.


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Methodology of Proof Checking

I – Firstly the Design Basis Report is scrutinized and the material, loads and load combinations verified as per existing standards.

II – Later The **STAAD** model of the structure has been checked for :

- 1). Loads coming on the structure is as per IS 875, and IS 1893 and as per the load combination specified in IS 456 and as mentioned in the report submitted by the client.
- 2). Dimensions of members. 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 structure has been checked for behavior under seismic load with the relevant load Combinations.

III – The Structural drawings are verified for :

- 1). The reinforcement details of slabs, beams, columns & footings, max space of bars as per SP 34 of IS 456 and on actual Bending Moment & Shear Force.
- 2). The client / Consultant has made the necessary changes in drawings & designs 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.


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List of the Drawings Proof Checked

1. General notes and structural details 1-3 sheets
2. Footing details
3. Plinth beam layout
4. Beam layouts
5. Typical beam layouts
6. Slab lay outs
7. Typical floor beam layouts


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