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STRUCTURAL STABILITY CERTIFICATE

It is certified that the Proposed construction of Group development of 5 Blocks Residential Building at Padikuppam Road / Puthu Nagar Street, Padi, Comprised in Old.No.251/1, T.S.No.50 Part, Block No.70 of padi village within the limits of greater chennai corporation. have been designed as a RCC structure to withstand the Dead load, Imposed Load and Wind Load / Earthquake loads ensuring Structural Safety and serviceability as per the norms and guidelines prescribed in the following codes of Bureau of Indian Standards. The building is designed for Stilt + 5 upper floors.

IS: 456-2000 Code of Practice for Plain and Reinforced concrete.

1. IS: 875-1987 Code of Practice for Design loads fro Buildings and Structures.
2. IS: 1893-2002 Criteria for Earthquake resistant design of Structures Part-1 general Provisions and Buildings.
3. IS: 4236-1993 Code of Practice for Earthquake resistant design & Construction of Buildings.
4. IS: 13920-1993 Code of Practice for Ductile detailing of concrete structures subjected to seismic forces and
5. National Building code of India - 2005.

It is further certified that the above structures will be constructed from foundation to roof as per structural designs and detailing of reinforcements furnished in our drawings. As pr the design as per above mentioned loads and IS codes the "STRUCTURE IS SAFE AND SOUND". The quality of the material, quality of the construction and furnishing the reinforcement details of all structural elements to be ensured by the contractor/client.

Thanks & With regards



(R. Rajasekaran)

R.RAJASEKARAN, M.E., (Struct)
Structural Engineer (Grade-I), CMDA
Regn.No. SE/GR-I/19/03/059
Plot No.11, Door No.9A, Tansinagar,
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Dr. P. Alagusundaramoorthy
Professor

Ltr. No. IITM/STRUCT/01/TNHB/AND/Chennai

07-06-2023

To

Mr. C. Sidduraju, B.E.,
Executive Engineer & ADO,
Anna Nagar Division,
Tamil Nadu Housing Board,
Thirumangalam,
Chennai – 600101.

Sir,

Sub: Tamil Nadu Housing Board - Anna Nagar Division - Proposed Construction of 80 HIG Flats at S. No. 251/1 of Padikuppam Village Ambattur Taluk Chennai District @ Greater Chennai Corporation Limit under Self-finance Scheme - Structural Drawings Prepared - Vetting Charges - reg.

Ref: TNHB Letter No. AND/Plg/552/2018, dt. 12-05-2023

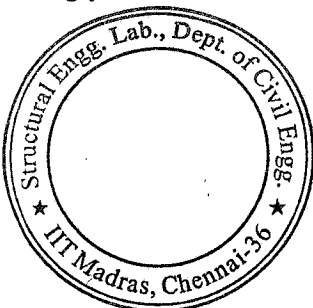
Kindly refer the above reference. IIT Madras will be glad to review the analysis and design and vet the GFC drawings of a typical block (Stilt + 5 floors) and an amenities block (Ground + 2 floors) in the proposed construction of 80 HIG Flats at S. No. 251/1 of Padikuppam Village Ambattur Taluk Chennai district at Greater Chennai Corporation limit under self-finance scheme. The following documents can be submitted to IIT Madras to review the analysis and design and vet the drawings:

1. Soil test report,
2. Foundation details,
3. Architectural drawings,
4. Design basis report (DBR),
5. Soft copy of analysis input file,
6. Design calculations (excel file if any) and
7. All structural drawings.

The technical service charge to review the analysis and design and vet the GFC drawings of a typical block (Stilt + 5 floors) and an amenities block (Ground + 2 floors) is Rs. 1,75,000/- plus 18% applicable GST. The technical service charge can be sent through DD/RTGS in favour of "The Registrar, IIT Madras." Please do not recover TDS as IIT Madras is exempted from Income Tax. IIT Madras will start the subject scope of work upon receiving the work order and payment.

Thanking you

Yours faithfully



Dr. P. ALAGUSUNDARAMOORTHY
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Structural Engineering Laboratory
Civil Engineering Department
Indian Institute of Technology Madras
Chennai - 600 036, India

P. Alagusundaramoorthy
(Dr. P. Alagusundaramoorthy)
07.06.2023



our services doesn't just end there



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We're honored to be part of your
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