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C.KANNAN, M.E. (Structure)
STRUCTURAL ENGINEER

Door .21, plot No. 257- W, Flat No. 2B
"Utopia Apartments" 2nd Floor,
4th Main Road, Indira Nagar,
Chennai- 600 020
Mobile: 9841249815
Email: kannankds2007@gmail.com

Date: 11/04/2023

TO WHOM SO EVER IT MAY CONCERN

This is to inform that I am attaching the following sheets, which are required for the submission of drawing to the respective Authority for project Proposed Residential Building at Old S.No. 365/4A2A1A1 New S. No. 365/100, Padur Village, Thiruporur Taluk, Chengalpattu District. **The Structure is safe and sound** when used for the purposed for which it is designed.

1. Statement Accompanying Form – A
2. Form – B
3. Statement Accompanying the Certificate of Structural Soundness.
4. Form – C
5. Certificate for Earthquake Resistance.

C. KANNAN, B.E.,M.E., (Structure)
Structural Engineer,
DTCP Reg. No. CGLRGN/SE/Gr.I/19/05/002
Door No: 21, 4th Main Road,
Indira Nagar, Chennai - 600 020.

C.KANNAN, M.E.,
Flat No.2, Utopia Apartments,
No: 21, Indira Nagar 4th Main Road, Chennai-600020.
Ph: 9841249815

STATEMENT ACCOMPANYING FORM – A

1.	Name and Door No. of the building	:	Spyka Cygnus
2.	Location (Street No./ Ward no. Name of place (Corporation/ Municipality/ Panchayat/ Panchayat Union/ Township / Cantonment)	:	Old S. No. 365/4A2A1A1 New S. No. 365/100, Padur Village, Thiruporur Taluk, Chengalpattu District
3.	Year of Construction	:	To be constructed
4.	Approximate cost of Construction	:	Rs 3.90 crores
5.	Purposed for which the Building is being used or purpose to be used	:	Residential
6.	Details of construction of the building hitherto been used	:	New construction
7.	Details of Construction of the Building (Particulars of the foundation soil, Specifications of the various parts under)		
	1. Foundation	:	Isolated RCC column footing resting on Very dense brownish silty fine sand
	2. Basement	:	0.60 metres above ground level.
	3. Super structure	:	Stilt + 5 floors RCC framed Structure with RCC Columns & Solid blocks
	4. Floor and Roof (are to given)	:	Vitrified tiles over PCC 1:4:8 for flooring and RCC for roof slab
8.	Number of Persons to be accommodated	:	175 nos. (as reported by Client)

Date: 11/04/2023

Signature of the Engineer/Designation

C. KANNAN, B.E.,M.E., (Structure)
Structural Engineer,
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FORM – B

[Form of certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu Public Building (Licensing) Act 1965 (Tamil Nadu Act 13 of 1965) referred to in rule 4 of the Tamil Nadu Building (Licensing) Rules 1966]

I certify that I have designed the building mentioned in the statement and furnish below its salient technical features:

(1) Foundation

(i)	Depth below ground level	: 2.00 metres
(ii)	Nature of soil met with at foundation level	: Very dense brownish silty fine sand
(iii)	Pressure at foundation	: 18.0 t/m²
(iv)	Probable safe bearing capacity of the strata met with at foundation	: 20.0 t/m²

(2) Superstructure

(i)	Maximum stress in the most critical section of masonry and concrete	: As per relevant BIS Codal provision
(ii)	Nature of masonry and concrete and its safe permissible stress	: As per relevant BIS Codal provision

The structural soundness of the building has been verified by me with reference to ISI loading standards 875 (latest version) and other relevant Indian Standards Code of Practice and I declare that the building is **structurally safe and sound** to be used as a Residential building for the purpose noted in the statement. A licence may be granted for the period from

Date: 11/04/2023

Signature of the Engineer/Designation

C. KANNAN, B.E.,M.E., (Structure)
Structural Engineer,
DTCP Reg. No. CGLRGN/SE/Gr.I/19/05/002
Door No: 21, 4th Main Road,
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FORM – C

[Form of certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu Public Building (Licensing) Act 1965 (Tamil Nadu Act 13 of 1965) referred to in rule 4 of the Tamil Nadu Building (Licensing) Rules 1966]

I certify that I have designed the building mentioned in the statement and furnish below its salient technical features:

(1) Foundation

(i)	Depth below ground level	: 2.00 metres
(v)	Nature of soil met with at foundation level	: Very dense brownish silty fine sand
(ii)	Pressure at foundation	: 18.0 t/m²
(iii)	Probable safe bearing capacity of the strata met with at foundation	: 20.0 t/m²

(2) Superstructure

(i)	Maximum stress in the most critical section of masonry and concrete	: As per relevant BIS Codal provision
(ii)	Nature of masonry and concrete and its safe permissible stress	: As per relevant BIS Codal provision

The structural soundness of the building has been verified by me with reference to ISI loading standards 875 (latest version) and other relevant Indian Standards Code of Practice and I declare that the building is **structurally safe and sound** to be used as a Residential building for the purpose noted in the statement. A licence may be granted for the period from

Date: 11/04/2023

Signature of the Engineer/Designation

C. KANNAN, B.E.,M.E., (Structure)
Structural Engineer,
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STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the building, door no, street name &. Name of place (1)	Age of the Building (2)	Value of the building at current rates (3)	No. of Stories (4)	Short description of the structure Steel-RCC Framed or Load bearing masonry. (5)
Proposed Residential Building at Old S.No. 365/4A2A1A1, New S. No. 365/100, Padur Village, Thiruporur Taluk Chengalpattu District	New Building	Rs.3.90 crores	Stilt + 5 floors	Stilt+ 5 floors RCC Framed Structure with Solid blocks, RCC Columns, beams, slabs, Flooring-Ceramic, Joinery-Teak Wood / UPVC

Purposed for which the Building is certified for use. (6)	The period for which the building will be structurally sound (7)	No. of Persons to be accommodated (8)	Remarks (9)
Residential	50 years	175 nos.	

Date: 11/04/2023

Signature of the Engineer/Designation

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Ph: 9841249815

CERTIFICATE FOR EARTHQUAKE RESISTANCE

1.	Name and Door No. of the building	:	Spyka Cygnus
2.	Location (Street No./ Ward no. Name of place (Corporation/ Municipality/ Panchayat/ Panchayat Union/ Township / Cantonment)	:	Old S. No. 365/ 4A2A1A1, New S. No. 365/100, Padur Village, Thiruporur Taluk, Chengalpattu District.
3.	Year of Construction	:	To be constructed
4.	Purposed for which the Building is being used or purpose to be used	:	Residential
5.	Details of Construction of the Building (Particulars of the foundation soil, Specifications of the various parts under)		
	1. Foundation	:	Isolated RCC column footing resting on Very dense brownish silty fine sand
	2. Basement	:	0.60 metres above ground level.
	3. Super structure	:	Stilt + 5 floors RCC framed Structure with RCC Columns & Solid blocks
	4. Floor and Roof (are to given)	:	Vitrified tiles over PCC 1:4:8 for flooring and RCC for roof slab

This is to certify that the superstructure design of the proposed Residential building at above said site has been DESIGNED on the basis of EARTHQUAKE RESISTANCE DESIGN OF STRUCTURES IS:1893 (PART): 2002 General provisions & Buildings, with latest declaration of seismic Zone III, Zone factor 0.16 and according to IS Loading standards IS – 875. All precautions have been taken as per the CONTENTS OF REPORT. Recommendations for effect of seismic condition for this soil have been followed.

Date: 11/04/2023

Signature of the Engineer/Designation

C. KANNAN, B.E.,M.E., (Structural)
Structural Engineer,
DTCP Reg. No. CGLRGN/SE/Gr.I/19/05/002
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Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

Verified RealEstate™

We're honored to be part of your real estate journey

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