Verified RealEstate™

RE REGULATORY RECORD

RERA Document

The document as the regulator published it, reproduced in full behind this page.

Published for reference. The authority's own register is the operative record.

Verified RealEstate™
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India

hello@verified.realestate
+91 9996 12 9996
verified.realestate

DIGITALLY VERIFIED RECORD

23-07-2025

THE PROPOSED CONSTRUCTION OF RESIDENTIAL GROUP HOUSING DEVELOPMENT IN OLD S.F. NO. 170 (PART) & 171 (PART), T.S. NO. 5/2, T.S.WARD NO. AE(31), BLOCK NO. 9, UPPILIPALAYAM VILLAGE, EAST ZONE, COIMBATORE CORPORATION.

GENERAL NOTE ON STRUCTURAL DESIGN.

1.0 GENERAL.

1.1 DESIGN BASIS

The design of this building is carried out based on frame analysis using design software.

1.2 CODES AND STANDARDS

All structural design is carried out conforming to the provisions in National Building Code of India and other relevant Indian Codes and Standards.

1. I.S. 456
2. I.S. 875 - Part I to V
3. I.S.1893
4. I.S.13920

2.0 BASIC CIVIL DESIGN LOADS

2.1 DEAD LOADS & LIVE LOADS

Typical slab dead load is calculated as follows

Self weight of slab	=	3 0kN/m²
Floor finish	=	2.0kN/m²
Live load	=	2.0kN/m²
		7.0kN/m²

Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005

23-07-2025

3.0 SOIL DETAILS

Based on Soil Test Report Isolated Foundation is adopted.

4.0 DESIGN METHODS

General design and detailing of concrete members/elements are done conforming to the provisions of I.S: 456 and other relevant I.S codes. Limit State method is followed for the design.

Seismic Zone III load is taken into account for the analysis. The predominant direction of vibration is horizontal. Relevant combination of forces has been taken into account.

4.1

Load Combination	Ultimate Limit Load	Serviceability Limit State
DL+LL+WL Or DL+LL+EL	1.2DL+1.2LL+1.2WL Or 1.2DL+1.2LL+1.2EL	DL+LL+WL Or DL+LL+EL

4.2.1 MINIMUM COVER

Slab	25 mm
Beam	30 mm
Columns	40 mm
Foundations	50 mm

Structure will be safe and sound when used for the purpose for which it is designed.

Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005

PAGE NO. 1

```
*****************************************************
*                                                   *
*           STAAD.Pro CONNECT Edition               *
*           Version  22.12.00.142                   *
*           Proprietary Program of                  *
*           Bentley Systems, Inc.                   *
*           Date=    JUL 23, 2025                   *
*           Time=    12:59:25                       *
*                                                   *
*  Licensed to:                                     *
*****************************************************
```

```
     1. STAAD SPACE
INPUT FILE: C:\Users\suresh\Desktop\STADD\UC-SRIVARI VILLA\SRIVARI VILLA.std
     2. START JOB INFORMATION
     3. JOB NAME THE PROPOSED CONSTRUCTION OF RESIDENTIAL GROUP HOUSING DEVELOPMENT IN
     4. *OLD S.F. NO. 170 (PART) & 171 (PART), T.S. NO. 5/2, T.S.WARD NO. AE(31), BLOCK
     5. *NO. 9, UPPILIPALAYAM VILLAGE, EAST ZONE, COIMBATORE CORPORATION.
     6. ENGINEER NAME SURESH
     7. CHECKER NAME SURESH
     8. APPROVED NAME SURESH
     9. ENGINEER DATE 7/23/2025
    10. CHECKER DATE 7/23/2025
    11. APPROVED DATE 7/23/2025
    12. END JOB INFORMATION
    13. INPUT WIDTH 79
    14. UNIT METER KN
    15. JOINT COORDINATES
    16. 1 -5 -1 0; 25 -5 -4 0; 26 -1.5 -1 0; 27 -1.5 -4 0; 28 2.2 -1 0; 29 2.2 -4 0
    17. 36 -5 2 0; 37 -1.5 2 0; 38 2.2 2 0; 42 -5 5 0; 43 -1.5 5 0; 44 2.2 5 0
    18. 57 5.9 -1 0; 58 5.9 -4 0; 59 5.9 2 0; 60 5.9 5 0; 63 9.6 -1 0; 64 9.6 -4 0
    19. 65 9.6 2 0; 66 9.6 5 0
    20. MEMBER INCIDENCES
    21. 39 1 25; 40 1 26; 41 25 27; 42 26 27; 43 26 28; 44 27 29; 45 28 29; 55 1 36
    22. 56 26 37; 57 28 38; 61 36 37; 62 37 38; 66 36 42; 67 37 43; 68 38 44; 72 42 43
    23. 73 43 44; 96 28 57; 97 29 58; 98 57 58; 99 57 59; 100 38 59; 101 59 60
    24. 102 44 60; 107 57 63; 108 58 64; 109 63 64; 110 63 65; 111 59 65; 112 65 66
    25. 113 60 66
    26. DEFINE MATERIAL START
    27. ISOTROPIC CONCRETE
    28. E 2.17185E+07
    29. POISSON 0.17
    30. DENSITY 23.5616
    31. ALPHA 1E-05
    32. DAMP 0.05
    33. END DEFINE MATERIAL
    34. MEMBER PROPERTY INDIAN
    35. 39 42 45 55 TO 57 66 TO 68 98 99 101 109 110 112 PRIS YD 0.8 ZD 0.3
    36. 40 41 43 44 61 62 72 73 96 97 100 102 107 108 111 113 PRIS YD 0.6 ZD 0.2
    37. CONSTANTS
    38. MATERIAL CONCRETE ALL
```



Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005

STAAD SPACE -- PAGE NO. 2

```
39. SUPPORTS
40. 25 27 29 58 64 FIXED
41. DEFINE 1893 LOAD
42. ZONE 0.16 RF 3 I 1 SS 2 ST 1 DM 0.5
43. MEMBER WEIGHT
44. 39 TO 45 55 TO 57 61 62 66 TO 68 72 73 96 TO 102 107 TO 113 UNI -14.5
45. DEFINE WIND LOAD

*** NOTE: If any floor diaphragm is present in the model Wind Load definition
          should be defined after Floor Diaphragm definition. Otherwise wind
          load generation may be unsuccessful during analysis.

46. TYPE 1
47. INT 0.673 1.03335 1.3537 1.65375 HEIG  10  30  50  100
48. EXP 1 JOINT 1 25 TO 29 36 TO 38 42 TO 44 57 TO 60 63 TO 66
49. LOAD 1 LOADTYPE NONE  TITLE SLX1
50. 1893 LOAD X 1
51. LOAD 2 LOADTYPE NONE  TITLE SLZ1
52. 1893 LOAD Z 1
53. LOAD 3 LOADTYPE DEAD  TITLE DL
54. SELFWEIGHT Y -1
55. MEMBER LOAD
56. 40 43 61 62 72 73 96 100 102 107 111 113 UNI GY -25
57. LOAD 4 LOADTYPE LIVE  TITLE LL
58. MEMBER LOAD
59. 40 43 61 62 72 73 96 100 102 107 111 113 UNI GY -15
60. LOAD 7 LOADTYPE WIND  TITLE WLZ1
61. WIND LOAD Z 1 TYPE 1
62. LOAD 8 LOADTYPE WIND  TITLE WLZ2
63. WIND LOAD Z -1 TYPE 1
64. LOAD COMB 9 1.5(DL+LL)
65. 3 1.5 4 1.5
66. LOAD COMB 10 1.2(DL+LL+SLX)
67. 3 1.2 4 1.2 1 1.2
68. LOAD COMB 11 1.2(DL+LL+SLZ)
69. 3 1.2 4 1.2 2 1.2
70. LOAD COMB 14 1.2(DL+LL+WLZ1)
71. 3 1.2 4 1.2 7 1.2
72. LOAD COMB 15 1.2(DL+LL+WLZ2)
73. 3 1.2 4 1.2 8 1.2
74. LOAD COMB 16 1.5(DL+SLX)
75. 3 1.5 1 1.5
76. LOAD COMB 17 1.5(DL+SLZ)
77. 3 1.5 2 1.5
```

Dr. J. SURESH, M.E., MIE., Ph:D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005

```
78. LOAD COMB 20 1.5(DL+WLZ1)
79. 3 1.5 7 1.5
80. LOAD COMB 21 1.5(DL+WLZ2)
81. 3 1.5 8 1.5
82. LOAD COMB 22 0.9DL+1.5SLX
83. 3 0.9 1 1.5
84. LOAD COMB 23 0.9DL+1.5SLZ
85. 3 0.9 2 1.5
86. LOAD COMB 26 0.9DL+1.5WLZ1
87. 3 0.9 7 1.5
88. LOAD COMB 27 0.9DL+1.5WLZ2
89. 3 0.9 8 1.5
90. PERFORM ANALYSIS
```

P R O B L E M S T A T I S T I C S

NUMBER OF JOINTS	20	NUMBER OF MEMBERS	31
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	5

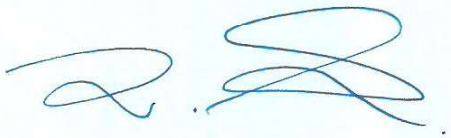
Using 64-bit analysis engine.

SOLVER USED IS THE IN-CORE ADVANCED MATH SOLVER

TOTAL PRIMARY LOAD CASES = 6, TOTAL DEGREES OF FREEDOM = 90
TOTAL LOAD COMBINATION CASES = 13 SO FAR.

**WARNING: IF THIS UBC/IBC ANALYSIS HAS TENSION/COMPRESSION
OR REPEAT LOAD OR RE-ANALYSIS OR SELECT OPTIMIZE, THEN EACH
UBC/IBC CASE SHOULD BE FOLLOWED BY PERFORM ANALYSIS & CHANGE.

```
*******************************************************
* UNITS - KN    METE                                  *
* TIME PERIOD FOR X 1893 LOADING =    0.38971 SEC     *
* SA/G PER 1893=    1.250, LOAD FACTOR= 1.000         *
* VB PER 1893=    0.0333 X     1499.30=      49.98 KN  *
*                                                     *
*******************************************************
```



Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005

```
*******************************************************
* UNITS - KN    METE                                  *
* TIME PERIOD FOR Z 1893 LOADING =    0.38971 SEC     *
* SA/G PER 1893=    1.250, LOAD FACTOR= 1.000         *
* VB PER 1893=    0.0333 X     1499.30=      49.98 KN  *
*                                                     *
*******************************************************
```

91. FINISH

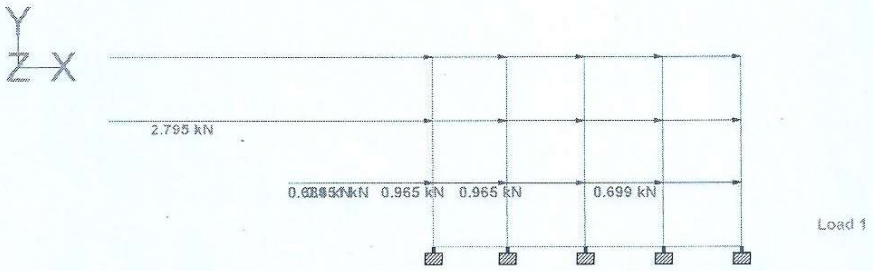
```
          *********** END OF THE STAAD.Pro RUN ***********

            **** DATE= JUL 23,2025   TIME= 12:59:27 ****

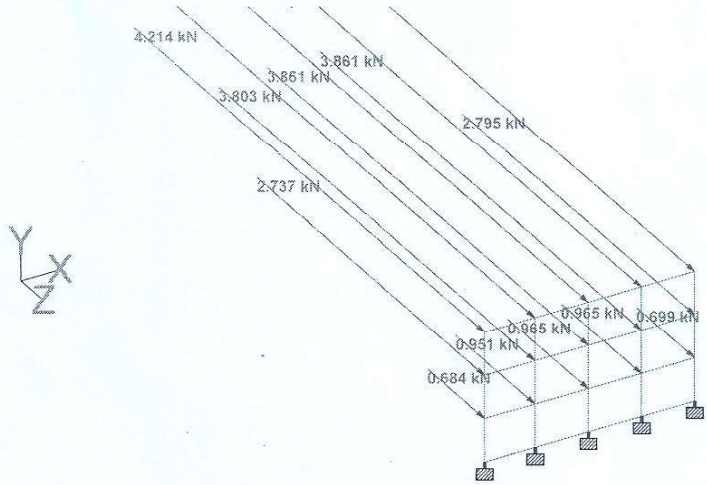
     ************************************************************
     *   For technical assistance on STAAD.Pro, please visit    *
     *   http://www.bentley.com/en/support/                     *
     *                                                          *
     *   Details about additional assistance from               *
     *   Bentley and Partners can be found at program menu      *
     *   Help->Technical Support                                *
     *                                                          *
     *           Copyright (c) Bentley Systems, Inc.            *
     *                http://www.bentley.com                    *
     ************************************************************
```



Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005



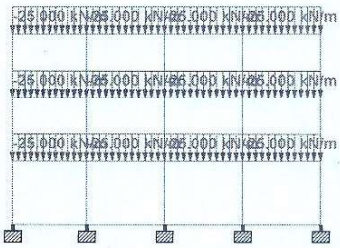
Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005



Load 2

Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005



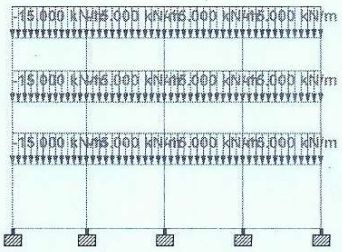


Load 3

Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005

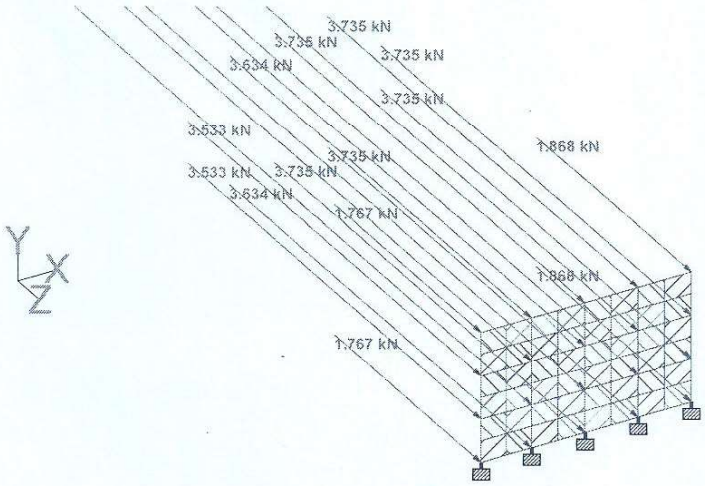
Software licensed to STAAD.Pro CONNECTED User: Not signed in	Job No	Sheet No 1	Rev
	Part		
Job Title THE PROPOSED CONSTRUCTION OF RESIDENTIAL GROUP HOUSING DEVELOPMENT IN	Ref		
	By Suresh	Date 7/23/2025	Chd Suresh
Client	File SRIVARI VILLA.std	Date/Time	23-Jul-2025 12:38





Load 4

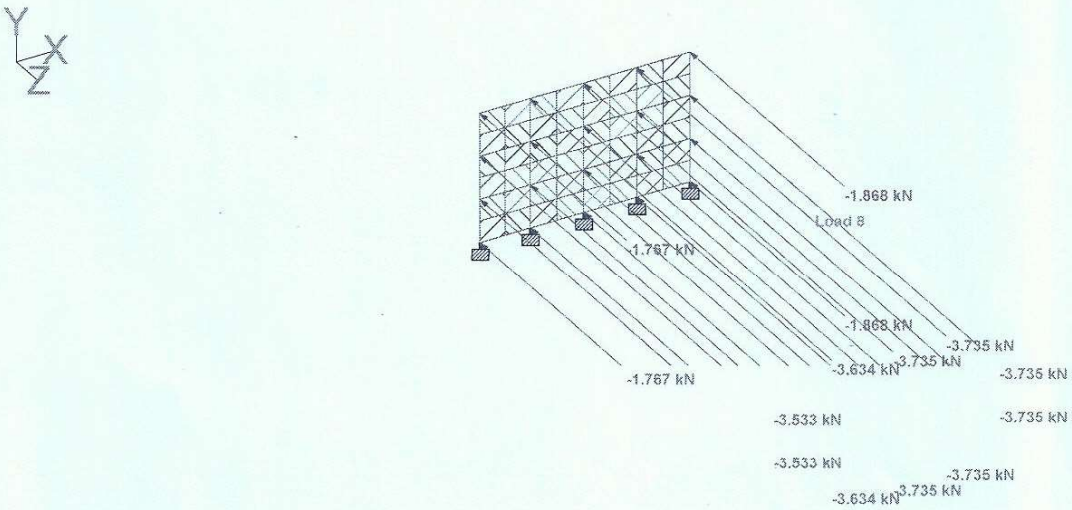
Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005



Load 7

Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/1/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005

Software licensed to STAAD.Pro CONNECTED User: Not signed in	Job No	Sheet No 1	Rev
	Part		
Job Title THE PROPOSED CONSTRUCTION OF RESIDENTIAL GROUP HOUSING DEVELOPMENT IN	Ref		
	By Suresh	Date 7/23/2025	Chd Suresh
Client	File SRIVARI VILLA.std	Date/Time	23-Jul-2025 12:38



Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005

THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

Verified RealEstate
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India
hello@verified.realestate
+91 9996 12 9996

Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.