Verified RealEstate™

Your trusted partner for buying, selling, and managing property, ensuring hassle-free service with 100% transparency.

3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996

Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™



```
**************************************************
*                                                *
*           STAAD.Pro CONNECT Edition            *
*           Version  22.10.00.153                *
*           Proprietary Program of               *
*           Bentley Systems, Inc.                *
*           Date=    MAR 12, 2024                *
*           Time=    18:46:28                    *
*                                                *
*  Licensed to: Universal Consultants            *
**************************************************
```

```
     1. STAAD SPACE
INPUT FILE: C:\Users\suresh\Desktop\New folder (5)\KELAMBAKKAM.STD
     2. START JOB INFORMATION
     3. JOB NAME THE  PROPOSED CONSTRUCTION OF NON HIGH RISE GROUP DEVELOPMENT CONSISTS
     4. *OF 28 BLOCKS , BLOCK 1 TO 27, : GROUND FLOOR + FIRST FLOOR, TOTALLY 221 D/U,
     5. *CLUBHOUSE BLOCK 28 : GROUND FLOOR + FIRST FLOOR + SECOND FLOOR WITH SWIMMING
     6. *POOL, CHANGE ROOM & SHOWER ROOM ON THE GROUND FLOOR COMPRISED IN S.NOS.267/17,
     7. *267/18, 267/19, 267/20, 267/21, & 267/22 OF SATHANKUPPAM VILLAGE (HAMLET OF
     8. *PUDHUPAKKAM), VANDALUR TALUK, CHENGALPET DISTRICT.
     9. ENGINEER NAME SURESH
    10. CHECKER NAME SURESH
    11. APPROVED NAME SURESH
    12. ENGINEER DATE 3/12/2024
    13. CHECKER DATE 3/12/2024
    14. APPROVED DATE 3/12/2024
    15. END JOB INFORMATION
    16. INPUT WIDTH 79
    17. UNIT METER KN
    18. JOINT COORDINATES
    19. 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
    20. 36 -5 2 0; 37 -1.5 2 0; 38 2.2 2 0; 57 5.9 -1 0; 58 5.9 -4 0; 59 5.9 2 0
    21. 63 9.6 -1 0; 64 9.6 -4 0; 65 9.6 2 0; 66 -5 5 0; 67 -1.5 5 0; 68 2.2 5 0
    22. 69 5.9 5 0; 70 9.6 5 0
    23. MEMBER INCIDENCES
    24. 39 1 25; 40 1 26; 41 25 27; 42 26 27; 43 26 28; 44 27 29; 45 28 29; 55 1 36
    25. 56 26 37; 57 28 38; 61 36 37; 62 37 38; 96 28 57; 97 29 58; 98 57 58; 99 57 59
    26. 100 38 59; 107 57 63; 108 58 64; 109 63 64; 110 63 65; 111 59 65; 112 36 66
    27. 113 37 67; 114 38 68; 115 66 67; 116 67 68; 117 59 69; 118 68 69; 119 65 70
    28. 120 69 70
    29. DEFINE MATERIAL START
    30. ISOTROPIC CONCRETE
    31. E 2.17185E+07
    32. POISSON 0.17
    33. DENSITY 23.5616
    34. ALPHA 1E-05
    35. DAMP 0.05
    36. END DEFINE MATERIAL
    37. MEMBER PROPERTY INDIAN
    38. 39 42 45 55 TO 57 98 99 109 110 112 TO 114 117 119 PRIS YD 0.8 ZD 0.2
```

Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/GR-I/19/02/003
Reg. No. RSE100382019
No. CGLBCM/SE/GR-1/2019/06/012

```
39. 40 41 43 44 61 62 96 97 100 107 108 111 115 116 118 120 PRIS YD 0.6 ZD 0.2
40. CONSTANTS
41. MATERIAL CONCRETE MEMB 39 TO 45 55 TO 57 61 62 96 TO 100 107 TO 120
42. SUPPORTS
43. 25 27 29 58 64 FIXED
44. DEFINE 1893 LOAD
45. ZONE 0.16 RF 3 I 1 SS 2 ST 1 DM 0.5
46. MEMBER WEIGHT
47. 39 TO 45 55 TO 57 61 62 96 TO 100 107 TO 120 UNI -14.5
48. 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.

49. TYPE 1
50. INT 0.673 1.03335 1.3537 1.65375 HEIG  10  30  50  100
51. EXP 1 JOINT 1 25 TO 29 36 TO 38 57 TO 59 63 TO 70
52. LOAD 1 LOADTYPE NONE  TITLE SLX1
53. 1893 LOAD X 1
54. LOAD 2 LOADTYPE NONE  TITLE SLZ1
55. 1893 LOAD Z 1
56. LOAD 3 LOADTYPE DEAD  TITLE DL
57. SELFWEIGHT Y -1 LIST ALL
58. MEMBER LOAD
59. 40 43 61 62 96 100 107 111 115 116 118 120 UNI GY -25
60. LOAD 4 LOADTYPE LIVE  TITLE LL
61. MEMBER LOAD
62. 40 43 61 62 96 100 107 111 115 116 118 120 UNI GY -15
63. LOAD 7 LOADTYPE WIND  TITLE WLZ1
64. WIND LOAD Z 1 TYPE 1
65. LOAD 8 LOADTYPE WIND  TITLE WLZ2
66. WIND LOAD Z -1 TYPE 1
67. LOAD COMB 9 1.5(DL+LL)
68. 3 1.5 4 1.5
69. LOAD COMB 10 1.2(DL+LL+SLX)
70. 3 1.2 4 1.2 1 1.2
71. LOAD COMB 11 1.2(DL+LL+SLZ)
72. 3 1.2 4 1.2 2 1.2
73. LOAD COMB 14 1.2(DL+LL+WLZ1)
74. 3 1.2 4 1.2 7 1.2
75. LOAD COMB 15 1.2(DL+LL+WLZ2)
76. 3 1.2 4 1.2 8 1.2
77. LOAD COMB 16 1.5(DL+SLX)
```



Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/GR-I/19/02/003
Reg. No. RSE100382019
Reg. No. CGLRGN/SE/GR-1/2019/06/012

```
78. 3 1.5 1 1.5
79. LOAD COMB 17 1.5(DL+SLZ)
80. 3 1.5 2 1.5
81. LOAD COMB 20 1.5(DL+WLZ1)
82. 3 1.5 7 1.5
83. LOAD COMB 21 1.5(DL+WLZ2)
84. 3 1.5 8 1.5
85. LOAD COMB 22 0.9DL+1.5SLX
86. 3 0.9 1 1.5
87. LOAD COMB 23 0.9DL+1.5SLZ
88. 3 0.9 2 1.5
89. LOAD COMB 26 0.9DL+1.5WLZ1
90. 3 0.9 7 1.5
91. LOAD COMB 27 0.9DL+1.5WLZ2
92. 3 0.9 8 1.5
93. 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/GR-I/19/02/003
Reg. No. RSE100382019
Reg. No. CGLRGN/SE/GR-1/2019/06/012

```
*********************************************************
* 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   *
*                                                       *
*********************************************************
```

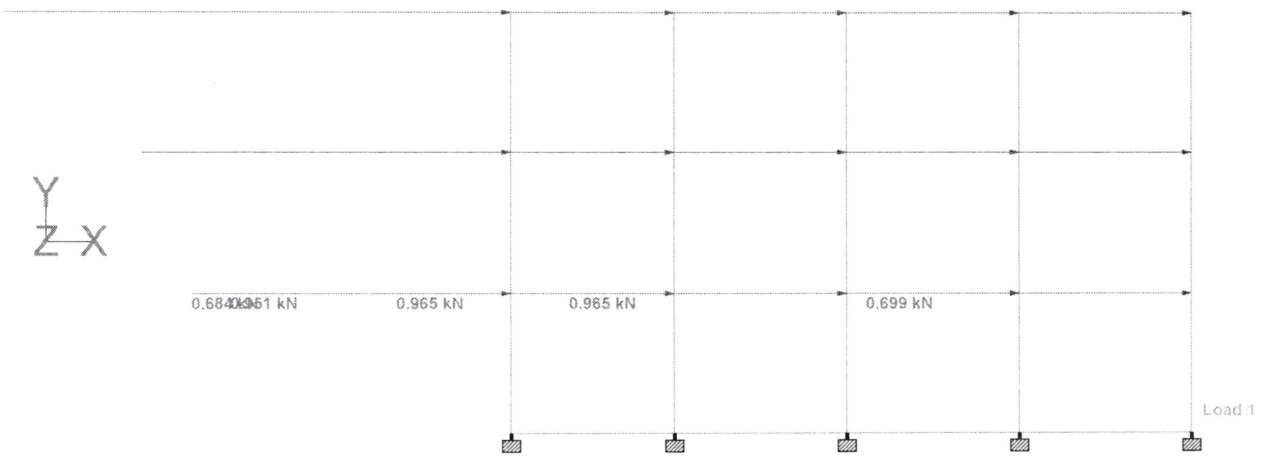
94. FINISH

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

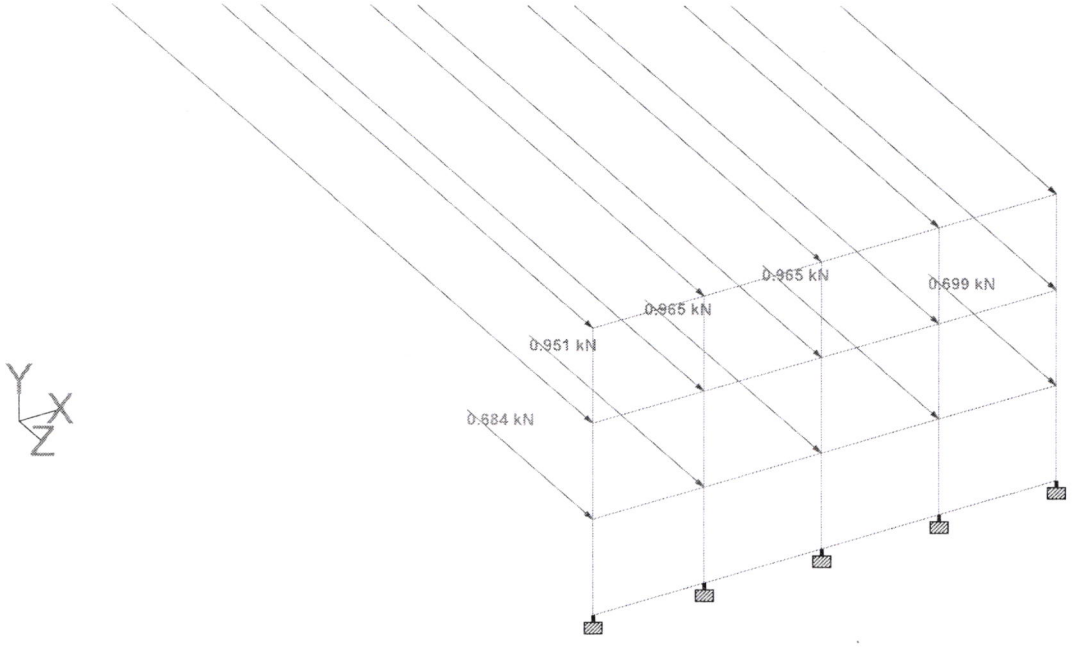
            **** DATE= MAR 12,2024   TIME= 18:46:30 ****

      ************************************************************
      *   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/GR-I/19/02/003
Reg. No. RSE100382019
Reg. No. CGLRGN/SE/GR-1/2019/06/012

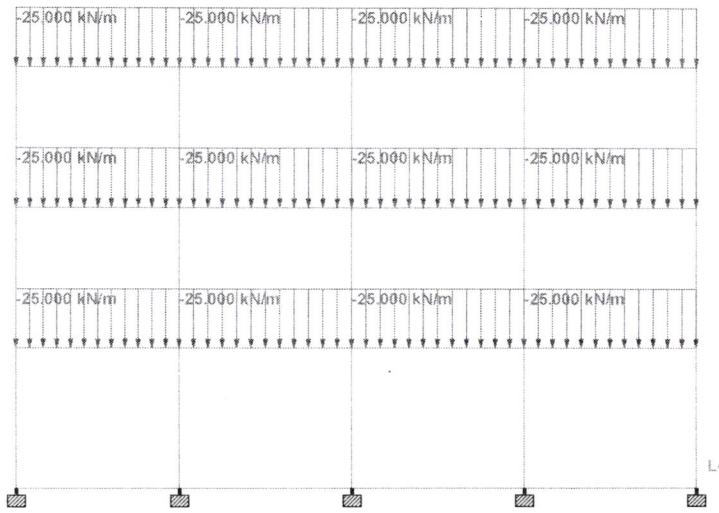


Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/GR-I/19/02/003
Reg. No. RSE100382019
No. CC[illegible]/2019/06/012



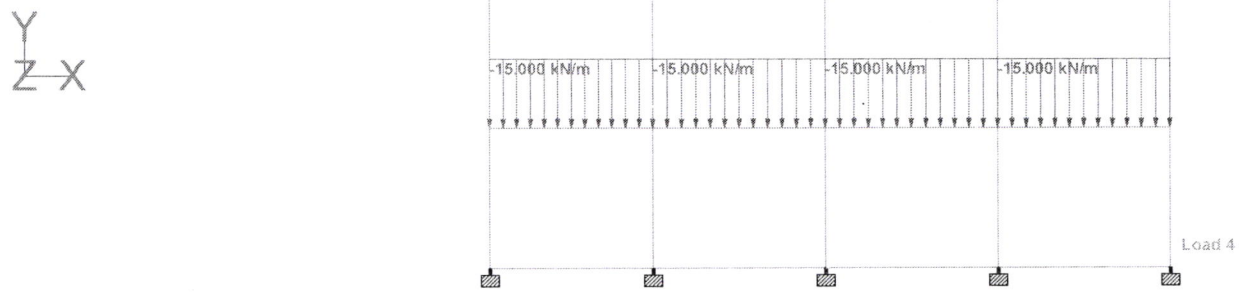
Load 2

Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/GR-I/19/02/003
Reg. No. RSE100382019
Reg. No. CGLRGN/SE/GR-1/2019/06/012

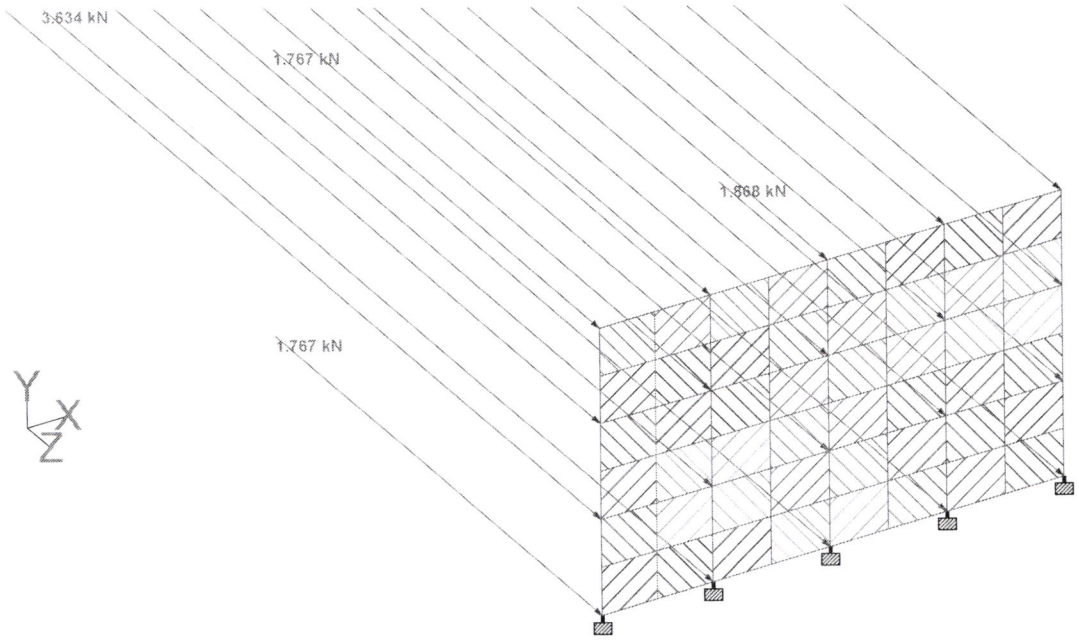




Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/GR-I/19/02/003
Reg. No. RSE100382019
Reg. No. CGLRGN/SE/GR-1/2019/06/012

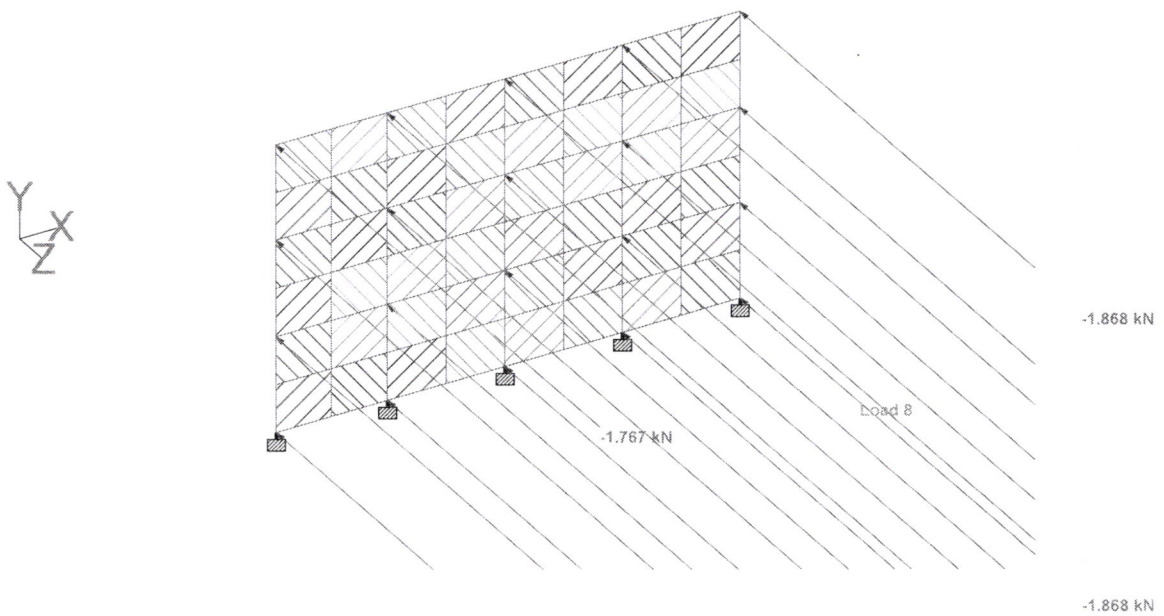


Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/GR-I/19/02/003
Reg. No. RSE100382019
Reg. No. CGLRGN/SE/GR-1/2019/06/012



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/GR-I/19/02/003
Reg. No. RSE100382019
Reg. No. CGLRGN/SE/GR-1/2019/06/012



Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
Uthandi, Chennai - 600 119.
Reg. No. SE/GR-I/19/02/003
Reg. No. RSE100382019
Reg. No. CGLRGN/SE/GR-1/2019/06/012



our services doesn't just end there

Buying & Selling Services

Property Buying Assistance, Property Selling Support, Market Price Analysis, Owner Outreach and Negotiation.

Legal & Documentation Services

Certified EC, Patta, legal opinions, property verification, due diligence, litigation solutions, and legal heir certificates.

Property Development & Approvals

Building plan approvals, construction, layout and sub-division approvals, zone conversion, and occupancy certification.

NRI & Investment Services

Escrow Services, Rentals, Litigation Solutions, Property Valuation and Property Management

Compliance & Special Services

Demolition, Vaasthu checks, regularization of unauthorized buildings, and office space solutions.



empowering your real estate decisions with smart tools

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

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

3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

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