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

```
**************************************************
*                                                *
*           STAAD.Pro CONNECT Edition            *
*           Version  22.12.00.142                *
*           Proprietary Program of               *
*           Bentley Systems, Inc.                *
*           Date=    SEP 20, 2024                *
*           Time=    10:21:53                    *
*                                                *
*  Licensed to: C.Kannan                         *
**************************************************
```

```
     1. STAAD SPACE DXF IMPORT OF ARIHANT-VOC KOTTIVAKKAM_T[1]_23.11.2023
INPUT FILE: D:\LOGESH\STABILITY CERTIFICATE\ARIHANT - VOC KOTTIVAKKAM\A.. .STD
     2. START JOB INFORMATION
     3. ENGINEER DATE 9/20/2024
     4. JOB NAME PROPOSED RESIDENTIAL BUILDING IN PLOT NO. 5, BEARING NO. P/606, VOC -
     5. STREET, OLD MAHABALIPURAM ROAD, KOTTIVAKKAM, CHENNAI- 600041
     6. ENGINEER NAME KANNAN
     7. CHECKER NAME KANNAN
     8. APPROVED NAME KANNAN
     9. CHECKER DATE 9/20/2024
    10. APPROVED DATE 9/20/2024
    11. END JOB INFORMATION
    12. INPUT WIDTH 79
    13. UNIT MMS KN
    14. JOINT COORDINATES
    15. 1 0 0 0; 2 4299.9 0 0; 3 8550 0 0; 4 10550 0 0; 5 16750 0 0; 6 18750 0 0
    16. 7 22600 0 0; 8 27300 0 0; 9 0 3000 0; 10 4299.9 3000 0; 11 8550 3000 0
    17. 12 10550 3000 0; 13 16750 3000 0; 14 18750 3000 0; 15 22600 3000 0
    18. 16 27300 3000 0; 17 0 6000 0; 18 4299.9 6000 0; 19 8550 6000 0
    19. 20 10550 6000 0; 21 16750 6000 0; 22 18750 6000 0; 23 22600 6000 0
    20. 24 27300 6000 0; 25 0 9000 0; 26 4299.9 9000 0; 27 8550 9000 0
    21. 28 10550 9000 0; 29 16750 9000 0; 30 18750 9000 0; 31 22600 9000 0
    22. 32 27300 9000 0; 33 0 12000 0; 34 4299.9 12000 0; 35 8550 12000 0
    23. 36 10550 12000 0; 37 16750 12000 0; 38 18750 12000 0; 39 22600 12000 0
    24. 40 27300 12000 0; 41 0 -3000 0; 42 4299.9 -3000 0; 43 8550 -3000 0
    25. 44 10550 -3000 0; 45 16750 -3000 0; 46 18750 -3000 0; 47 22600 -3000 0
    26. 48 27300 -3000 0
    27. MEMBER INCIDENCES
    28. 1 1 2; 2 2 3; 3 3 4; 4 4 5; 5 5 6; 6 6 7; 7 7 8; 8 1 9; 9 2 10; 10 3 11
    29. 11 4 12; 12 5 13; 13 6 14; 14 7 15; 15 8 16; 16 9 10; 17 10 11; 18 11 12
    30. 19 12 13; 20 13 14; 21 14 15; 22 15 16; 23 9 17; 24 10 18; 25 11 19; 26 12 20
    31. 27 13 21; 28 14 22; 29 15 23; 30 16 24; 31 17 18; 32 18 19; 33 19 20; 34 20 21
    32. 35 21 22; 36 22 23; 37 23 24; 38 17 25; 39 18 26; 40 19 27; 41 20 28; 42 21 29
    33. 43 22 30; 44 23 31; 45 24 32; 46 25 26; 47 26 27; 48 27 28; 49 28 29; 50 29 30
    34. 51 30 31; 52 31 32; 53 25 33; 54 26 34; 55 27 35; 56 28 36; 57 29 37; 58 30 38
    35. 59 31 39; 60 32 40; 61 33 34; 62 34 35; 63 35 36; 64 36 37; 65 37 38; 66 38 39
    36. 67 39 40; 68 41 1; 69 42 2; 70 43 3; 71 44 4; 72 45 5; 73 46 6; 74 47 7
    37. 75 48 8
    38. DEFINE MATERIAL START
```

C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Thiruvalluvar Nagar, Chennai-600 020.

```
39. ISOTROPIC CONCRETE
40. E 21.7185
41. POISSON 0.17
42. DENSITY 2.35616E-08
43. ALPHA 1E-05
44. DAMP 0.05
45. G 9.28139
46. TYPE CONCRETE
47. STRENGTH FCU 0.027579
48. END DEFINE MATERIAL
49. MEMBER PROPERTY
50. 1 TO 7 16 TO 22 31 TO 37 46 TO 52 61 TO 67 PRIS YD 600 ZD 200
51. 8 TO 15 23 TO 30 38 TO 45 53 TO 60 68 TO 75 PRIS YD 600 ZD 200
52. CONSTANTS
53. MATERIAL CONCRETE ALL
54. SUPPORTS
55. 41 TO 48 FIXED
56. UNIT METER KN
57. DEFINE IS1893 2016 LOAD
58. ZONE 0.16 RF 5 I 1.2 SS 1 ST 1 DM 0.05 DT 2
59. SELFWEIGHT 1
60. MEMBER WEIGHT
61. 1 TO 7 16 TO 22 31 TO 37 46 TO 52 61 TO 67 UNI 12 0 0
62. 1 TO 7 16 TO 22 31 TO 37 46 TO 52 61 TO 67 UNI 30 0 0
63. 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.

64. TYPE 1 WIND 1
65. <! STAAD PRO GENERATED DATA DO NOT MODIFY !!!
66. CUSTOM:PARAMS
67. !> END GENERATED DATA BLOCK
68. INT 1.35 1.49 HEIG  10  12
69. LOAD 1 LOADTYPE SEISMIC-H  TITLE EQ X+
70. 1893 LOAD X 1
71. LOAD 2 LOADTYPE SEISMIC-H  TITLE EQ -X
72. 1893 LOAD X -1.
73. LOAD 3 LOADTYPE SEISMIC-H  TITLE EQ +Z
74. 1893 LOAD Z 1
75. LOAD 4 LOADTYPE SEISMIC-H  TITLE EQ -Z
76. 1893 LOAD Z -1.
77. LOAD 5 LOADTYPE WIND  TITLE WIND +X
```



C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

DXF IMPORT OF ARIHANT-VOC KOTTIVAKKAM_T[1]_23.11.2023 -- PAGE NO. 3

```
  78. WIND LOAD X 1 TYPE 1
*WARNING- NO MEMBERS LOADED FOR A WIND LOAD GENERATION.
  79. LOAD 6 LOADTYPE WIND  TITLE WIND -X
  80. WIND LOAD -X 1 TYPE 1
*WARNING- NO MEMBERS LOADED FOR A WIND LOAD GENERATION.
  81. LOAD 7 LOADTYPE WIND  TITLE WIND +Z
  82. WIND LOAD Z 1 TYPE 1
  83. LOAD 8 LOADTYPE WIND  TITLE WIND -Z
  84. WIND LOAD -Z 1 TYPE 1
  85. LOAD 9 LOADTYPE LIVE  TITLE LIVE LOAD
  86. MEMBER LOAD
  87. 1 TO 7 16 TO 22 31 TO 37 46 TO 52 61 TO 67 UNI GY -12
  88. LOAD 10 LOADTYPE DEAD  TITLE DEAD LOAD
  89. SELFWEIGHT Y -1
  90. MEMBER LOAD
  91. 1 TO 7 16 TO 22 31 TO 37 46 TO 52 61 TO 67 UNI GY -30
  92. LOAD COMB 11 1.5(DL+IL)
  93. 9 1.5 10 1.5
  94. LOAD COMB 12 1.2(DL+IL+ELX)
  95. 9 1.5 10 1.2 1 1.2
  96. LOAD COMB 13 1.2(DL+IL-ELX)
  97. 9 1.2 10 1.2 2 1.2
  98. LOAD COMB 14 1.2(DL+IL+ELZ)
  99. 9 1.2 10 1.2 3 1.2
 100. LOAD COMB 15 1.2(DL+IL-ELZ)
 101. 9 1.2 10 1.2 4 1.2
 102. LOAD COMB 16 1.2(DL+IL+WLX)
 103. 9 1.2 10 1.2 5 1.2
 104. LOAD COMB 17 1.2(DL+IL-WLX)
 105. 10 1.2 6 1.2
 106. LOAD COMB 18 1.2(DL+IL+WLZ)
 107. 9 1.2 10 1.2 7 1.2
 108. LOAD COMB 19 1.2(DL+IL-WLZ)
 109. 9 1.2 10 1.2 8 1.2
 110. LOAD COMB 20 1.5(DL+ELX)
 111. 9 1.5 10 1.5 1 1.5
 112. LOAD COMB 21 1.5(DL-ELX)
 113. 9 1.5 10 1.5 2 1.5
 114. LOAD COMB 22 1.5(DL+ELZ)
 115. 9 1.5 10 1.5 3 1.5
 116. LOAD COMB 23 1.5(DL-ELZ)
 117. 10 1.5 4 1.5
 118. LOAD COMB 24 1.5(DL+WLX)
 119. 10 1.5 5 1.5
```

C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

DXF IMPORT OF ARIHANT-VOC KOTTIVAKKAM_T[1]_23.11.2023 -- PAGE NO. 4

```
120. LOAD COMB 25 1.5(DL-WLX)
121. 10 1.5 6 1.5
122. LOAD COMB 26 1.5(DL+WLZ)
123. 10 1.5 7 1.5
124. LOAD COMB 27 1.5(DL-WLZ)
125. 10 1.5 8 1.5
126. LOAD COMB 28 0.9 DL+ELX
127. 10 0.9 1 1.5
128. LOAD COMB 29 0.9 DL-ELX
129. 10 0.9 2 1.5
130. LOAD COMB 30 0.9 DL+ELZ
131. 10 0.9 3 1.5
132. LOAD COMB 31 0.9 DL-ELZ
133. 10 0.9 4 1.5
134. LOAD COMB 32 0.9 DL+WLX
135. 10 0.9 5 1.5
136. LOAD COMB 33 0.9 DL-WLX
137. 10 0.9 6 1.5
138. LOAD COMB 34 0.9 DL+WLZ
139. 10 0.9 7 1.5
140. LOAD COMB 35 0.9 DL-WLZ
141. 10 0.9 8 1.5
142. PERFORM ANALYSIS PRINT ALL
```

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

NUMBER OF JOINTS	48	NUMBER OF MEMBERS	75
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	8

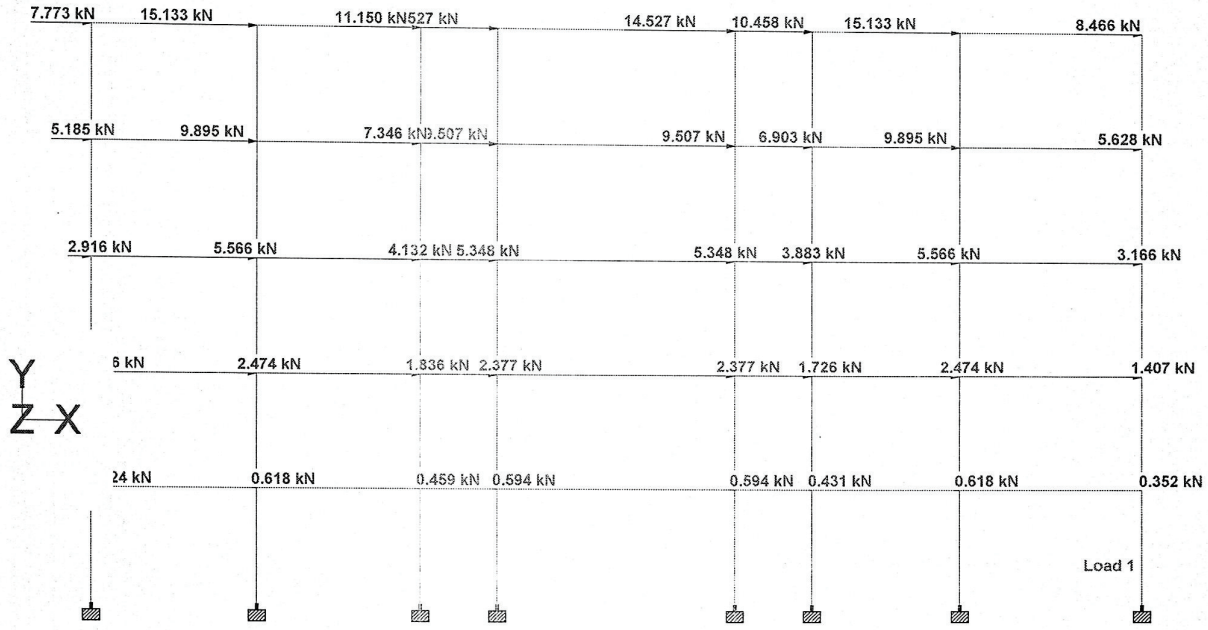
Using 64-bit analysis engine.

SOLVER USED IS THE IN-CORE ADVANCED MATH SOLVER

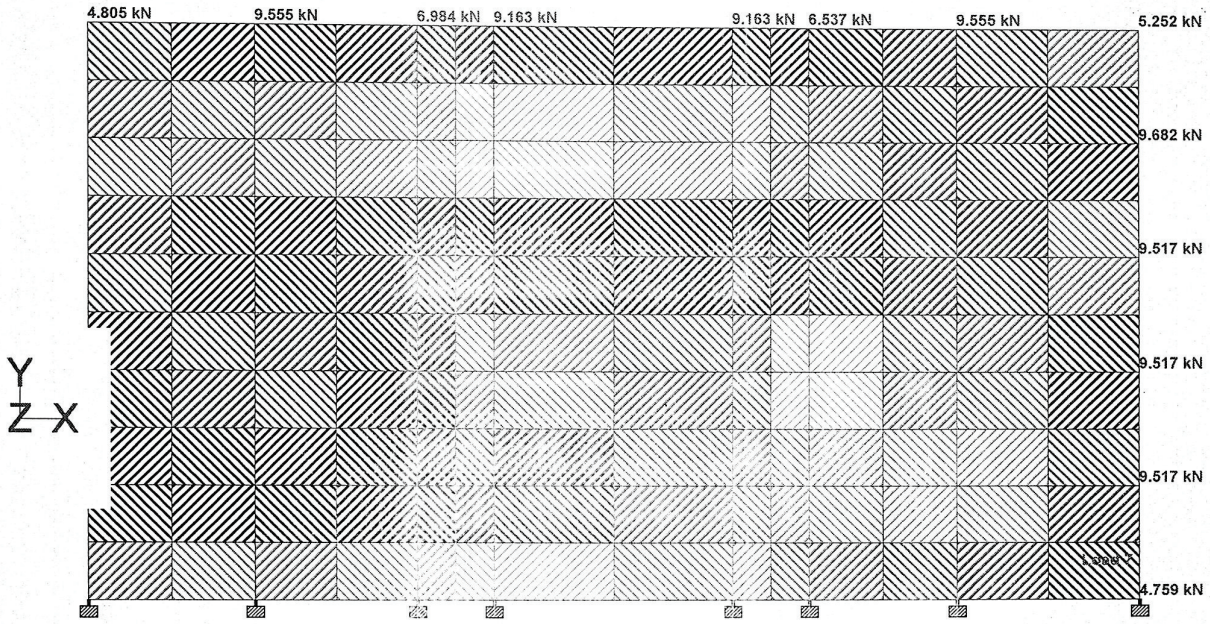
TOTAL PRIMARY LOAD CASES = 10, TOTAL DEGREES OF FREEDOM = 240
TOTAL LOAD COMBINATION CASES = 25 SO FAR.



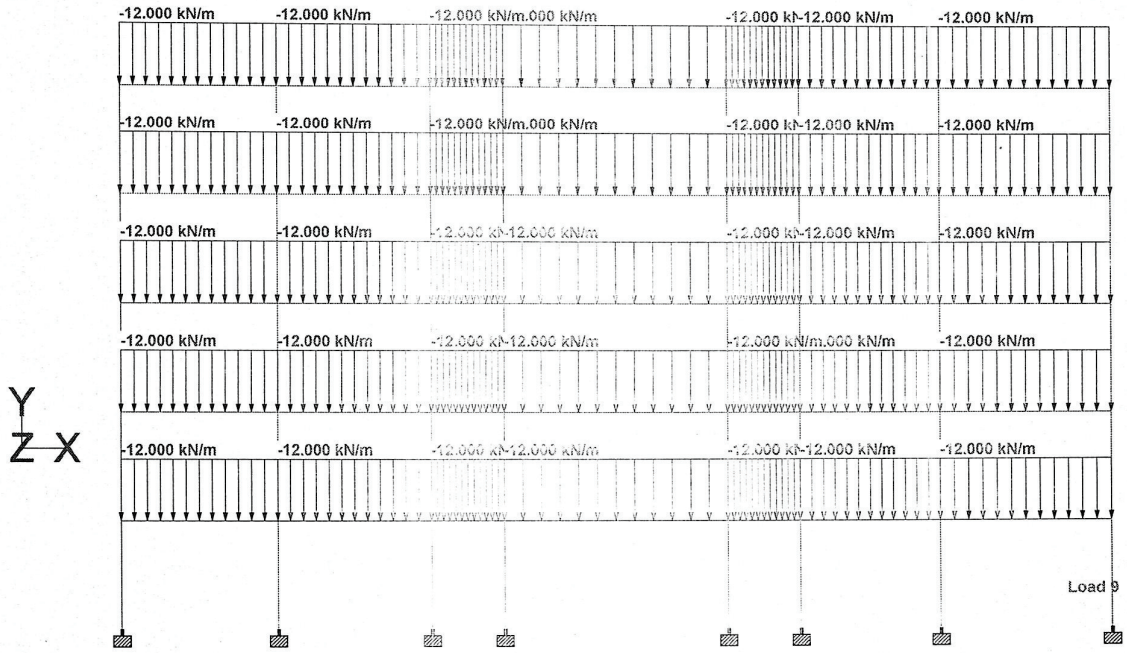
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.



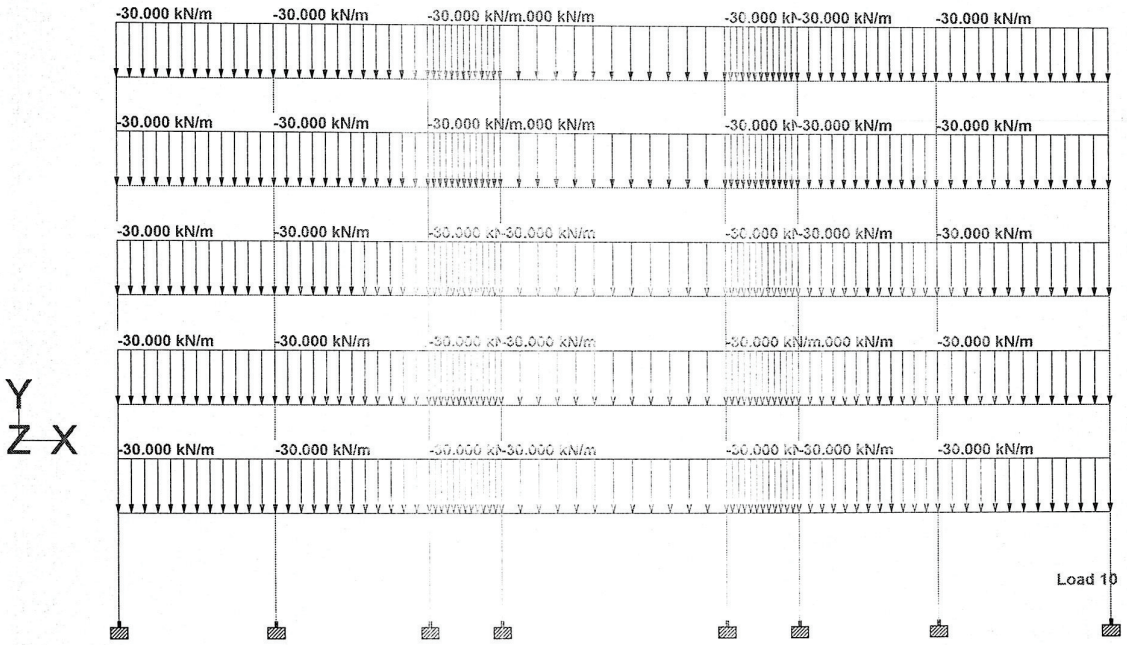
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.



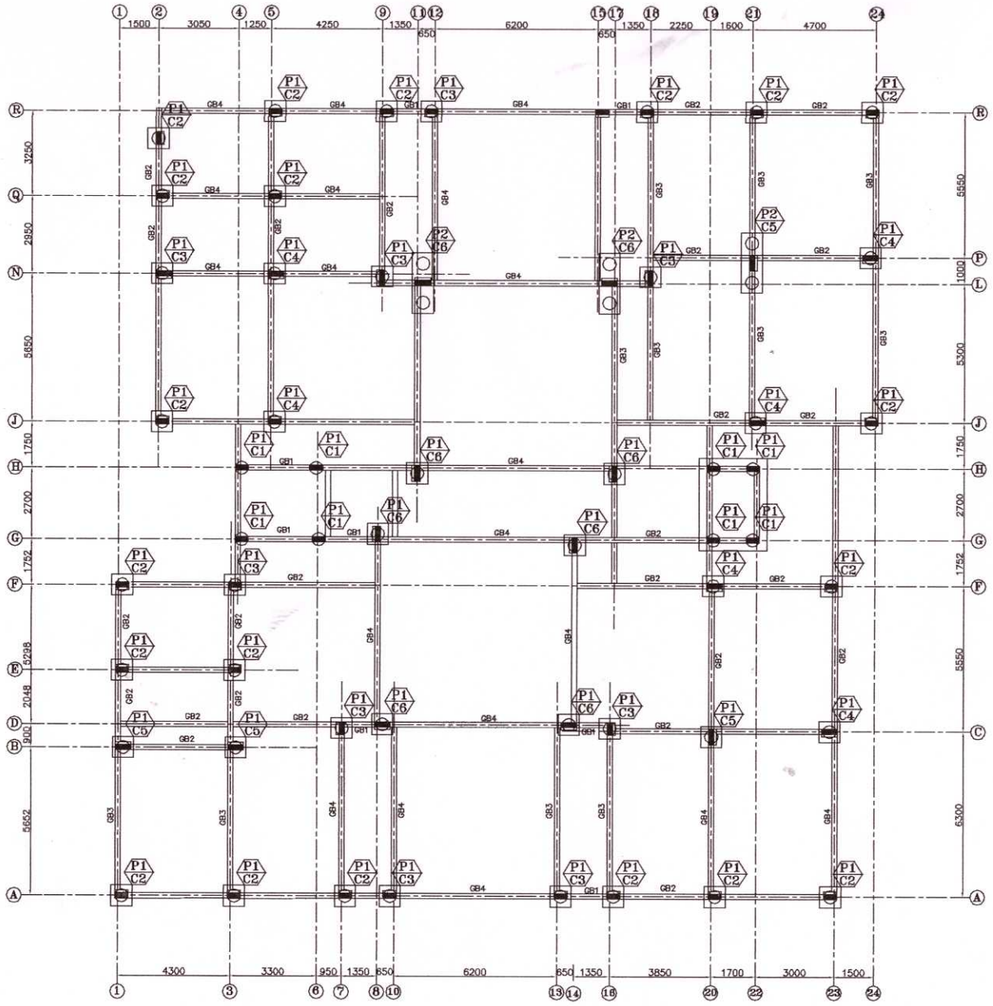
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

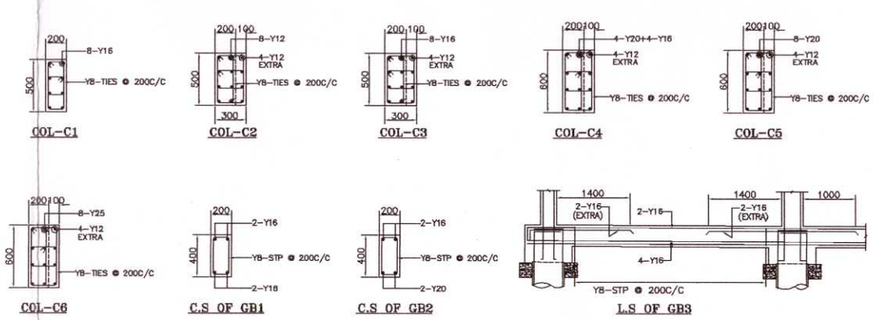


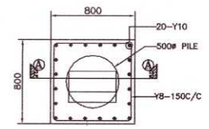
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

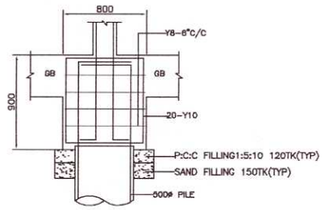


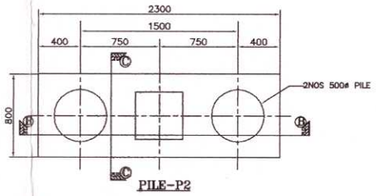
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

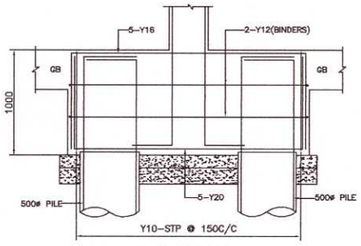


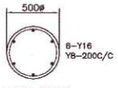


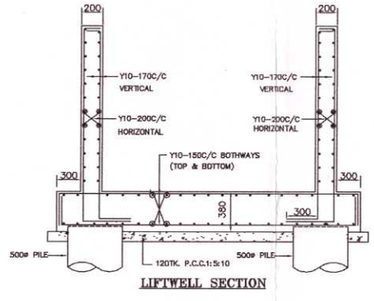


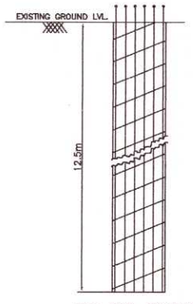


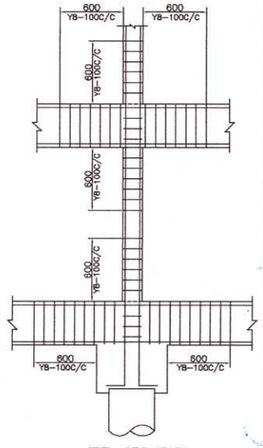












Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TOR40 Steel confirming to I.S. 1786 – 2008. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ----- Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for SBR plus three upper floor only.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    - i) For Slabs :
    - a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    - b. Slabs spanning over 4.5 m (15'-0") – 14 days
    - ii) For Beams and Arches :
    - c. Beams and Arches spanning upto 6 m (20'-0") –14days
    - d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL APARTMENTS IN PLOT No.5, BEARING No.P/606, VOC STREET,OLD MAHABALIPURAM ROAD, IN PLOT No.5, BEARING No.P/606, KOTTIVAKKAM, CHENNAI -600041; COMPRISED IN OLD SURVEY Nos.278/10A & 278/10B,THEN SURVEY Nos.278/10A3 &278/10B3, AS PER PATTA PRESENT SURVEY Nos.278/10A3A,278/10A3B1, 278/10A3B2,278/10B3A,278/10B3B1 AND 278/10B3B2,SITUATED AT KOTTIVAKKAM VILLAGE,SHOLINGANALLUR TALUK,CHENNAI DISTRICT; LIES WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.
ZONE: XIV; DIVISION:183

PILE FOUNDATION DETAIL

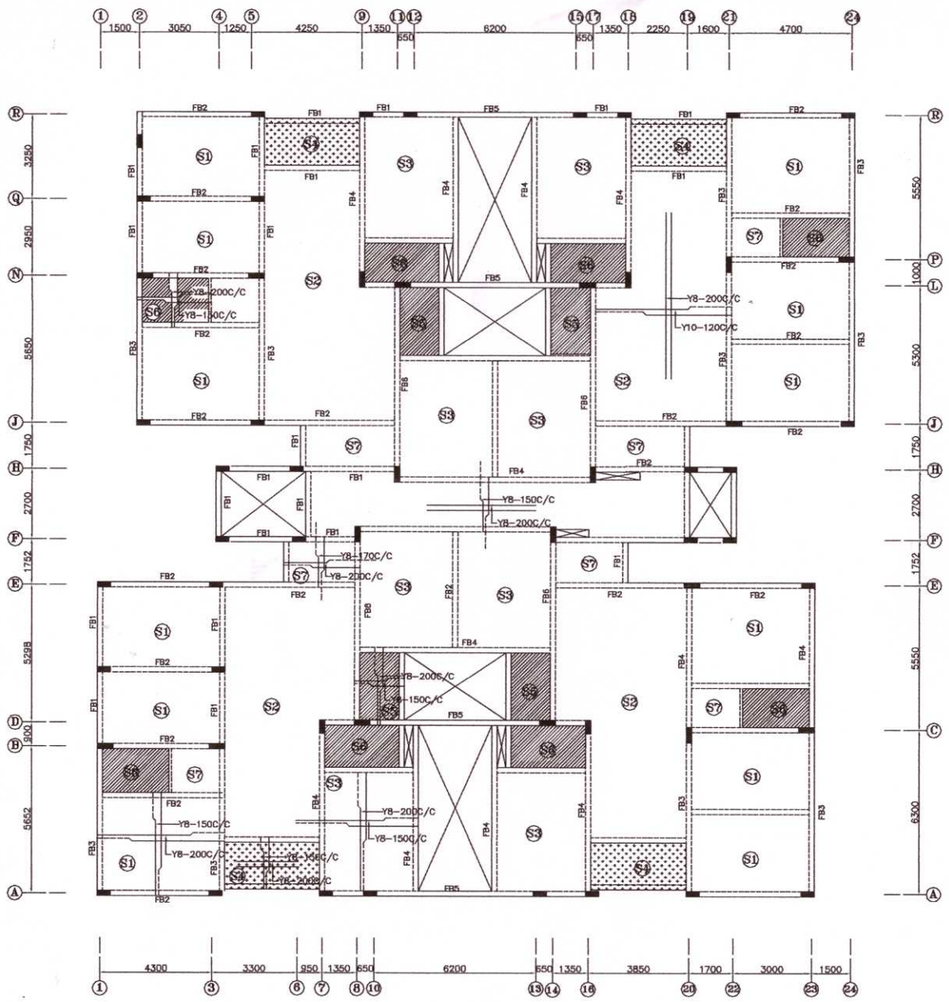
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	SWATHI		DATE	23-11-2023

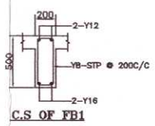
STRUCTURAL CONSULTANTS:

C. KANNAN, B.E., M.E., (Structure)
Structural Engineer,
CMDA Reg. No: SE/GR-1/19/02/002.
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

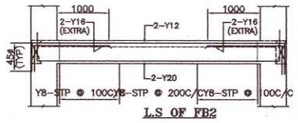
C.KANNAN, B.E., M.E.(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 09841249815.
E-MAIL:kannanks2007@gmail.com

FILE NAME : D/SWATHI/NOV/ARIHANT-KOTTIVAKKAM

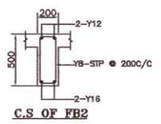




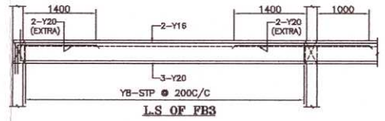
C.S OF FB1



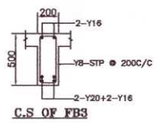
L.S OF FB2



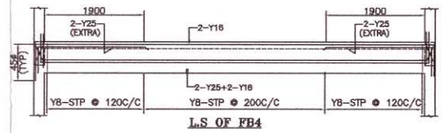
C.S OF FB2



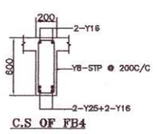
L.S OF FB3



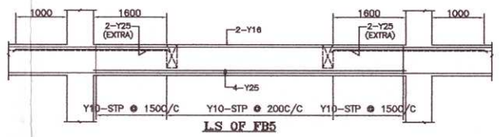
C.S OF FB3



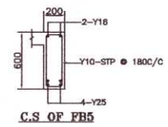
L.S OF FB4



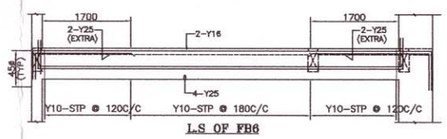
C.S OF FB4



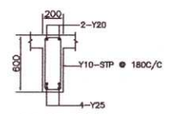
L.S OF FB5



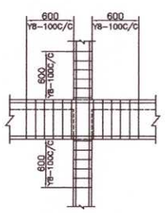
C.S OF FB5



L.S OF FB6



C.S OF FB6



TYP. SEC. FOB

STP. DETAILS

= 260 SUNKEN

= 75 SUNKEN

Notes:-

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for columns & M25 for all other R.C.C works
3. Y Denotes TOR40 Steel confirming to I.S. 1786 – 2008. Grade – Fe 500
4. Clear cover to the main steel
   50 for Footings , Raft Slabs & Raft Beams.
   40 for Columns.
   25 for Lintel & Beams.
   15 for Sunshade & Slab.
5. Lap length shall be 50 d (Max. dia) for all bars.
6. —— Bottom Reinforcement
7. ------ Top Reinforcement
8. Provide Continuous Chairs to keep the top Reinforcement in position
9. Provide Y 8 at 200 as Distribution steel for all top Reinforcement.
10. Spacer Bar to be Provided In Between Two Layers Of Reinforcement of Same Dia at Every 1000 C/ C.
11. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
12. Cantilever props should not be released until the roof is concreted.
13. Foundation is designed for Safe bearing pressure of 20 T/Sq.m at 1.5m below NGL.
14. For Earthquake analysis Zone III is taken as per IS : 1893-2016 code.
15. Removal of formworks :
    i) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") – 7 days
    b. Slabs spanning over 4.5 m (15'-0") – 14 days
    ii) For Beams and Arches :
    c. Beams and Arches spanning upto 6 m (20'-0") –14days
    d. Beams and Arches spanning over 6 m (20'-0") –21days

R.NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING IN PLOT No.5, BEARING No.P/606, VOC STREET,OLD MAHABALIPURAM ROAD, IN PLOT No.5, BEARING No.P/606, KOTTIVAKKAM, CHENNAI –600041; COMPRISED IN OLD SURVEY Nos.278/10A & 278/10B,THEN SURVEY Nos.278/10A3 &278/10B3, AS PER PATTA PRESENT SURVEY Nos.278/10A3A,278/10A3B1, 278/10A3B2,278/10B3A,278/10B3B1 AND 278/10B3B2,SITUATED AT KOTTIVAKKAM VILLAGE,SHOLINGANALLUR TALUK,CHENNAI DISTRICT,LIES WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION. ZONE–XIV, DIVISION–183

TYPICAL FLOOR ROOF DETAIL

DESIGNED	KANNAN	SCALE	1 : 100
DRAWN	SWATHI	DATE	23-11-2023

STRUCTURAL CONSULTANTS:

C. KANNAN, B.E., M.E., (Structure)
Structural Engineer,
CMDA Reg. No: SE/GR-I/19/02/002.
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:277 &
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI–20.
MOBILE NO: 098412 49815.
E–MAIL:kannanids2007@gmail.com

FILE NAME : D/SWATHI/NOV/ARIHANT–KOTTIVAKAM

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.