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™



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

STRUCTURAL STABILITY CERTIFICATE

It is certified that the Proposed Residential Building at Block Nos. S- 17 & S- 18, New Door No. 106, Ponnambalam Salai, K. K. Nagar, Chennai- 600078 Comprised in Old S. No. 248 Part, T. S. No. 324/4, Block No. 49 Of Virugambakkam Village, Mamabalam Taluk, Chennai District Within the limit of Greater Chennai Corporation Zone- 10, New Division- 136. Having Stilt plus Five upper floors is designed to resist earthquake. Check has been made and found safe and I hereby certify that,

1. The minimum column width is 300 in stilt floor areas
2. The minimum grade of concrete is M25.
3. The design analysis using the code of practice for loading Standards as per IS-875 Part I to III and seismic force as per one code IS 1893, is carried out.

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

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.

PROPOSED RESIDENTIAL BUILDING AT BLOCK NOS. S- 17 & S- 18, NEW DOOR NO. 106, PONNAMBALAM SALAI, K. K. NAGAR, CHENNAI- 600078 COMPRISED IN OLD S. NO. 248 PART, T. S. NO. 324/4, BLOCK NO. 49 OF VIRUGAMBAKKAM VILLAGE, MAMABALAM TALUK, CHENNAI DISTRICT WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION ZONE- 10, NEW DIVISION- 136

GENERAL NOTE ON STRUCTURAL DESIGN.

1.0 GENERAL.

1.1 DESIGN BASIS

The proposed residential building consists of Stilt plus Five upper floors.

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

1.2 CODES AND STANDARDS

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

1. I.S. 456 - 2000
2. I.S. 875 - Part I to III
3. I.S.1893 - 2016

2.0 BASIC CIVIL DESIGN LOADS

2.1 DEAD LOADS & LIVE LOADS

Typical slab dead load is calculated as follows

Self weight of slab	=	3.25kN/m²
Floor finish	=	2.0kN/m²
Live load	=	2.0kN/m²
		7.25kN/m²

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.

3.0 SOIL DETAILS

Based on soil test report Shallow Foundation is adopted.

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

4.3 **MINIMUM COVER**

Slab	15 mm
Beam	25 mm
Columns	40 mm
Foundations	50 mm

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

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.

```
**************************************************
*                                                *
*          STAAD.Pro CONNECT Edition             *
*          Version  22.12.00.142                 *
*          Proprietary Program of                *
*          Bentley Systems, Inc.                 *
*          Date=    AUG 29, 2023                 *
*          Time=    16:17:21                     *
*                                                *
*  Licensed to: C.Kannan                         *
**************************************************
```

```
     1. STAAD SPACE
INPUT FILE: D:\LOGESH - 2\LOGESH\STABILITY CERTIFICATE\KCEE PONAMBALAM\.. .STD
     2. START JOB INFORMATION
     3. ENGINEER DATE 29-AUG-23
     4. JOB NAME PROPOSED RESIDENTIAL BUILDING AT BLOCK NOS. S- 17 & S- 18, NEW DOOR -
     5. NO. 106, PONNAMBALAM SALAI, K. K. NAGAR, CHENNAI- 600078
     6. ENGINEER NAME KANNAN
     7. CHECKER NAME KANNAN
     8. APPROVED NAME KANNAN
     9. CHECKER DATE 8/29/2023
    10. APPROVED DATE 8/29/2023
    11. END JOB INFORMATION
    12. INPUT WIDTH 79
    13. UNIT INCHES KN
    14. JOINT COORDINATES
    15. 1 0 0 0; 2 67.5 0 -0.0115608; 3 190.583 0 -0.0115608; 4 319.583 0 -0.011557
    16. 5 445.5 0 -0.0115565; 6 652.583 0 -0.011557; 7 720 0 -0.011557; 8 0 118.11 0
    17. 9 67.5 118.11 -0.0115608; 10 190.583 118.11 -0.0115608
    18. 11 319.583 118.11 -0.011557; 12 445.5 118.11 -0.0115565
    19. 13 652.583 118.11 -0.011557; 14 720 118.11 -0.011557; 15 0 236.22 0
    20. 16 67.5 236.22 -0.0115608; 17 190.583 236.22 -0.0115608
    21. 18 319.583 236.22 -0.011557; 19 445.5 236.22 -0.0115565
    22. 20 652.583 236.22 -0.011557; 21 720 236.22 -0.011557; 22 0 354.331 0
    23. 23 67.5 354.331 -0.0115608; 24 190.583 354.331 -0.0115608
    24. 25 319.583 354.331 -0.011557; 26 445.5 354.331 -0.0115565
    25. 27 652.583 354.331 -0.011557; 28 720 354.331 -0.011557; 29 0 472.441 0
    26. 30 67.5 472.441 -0.0115608; 31 190.583 472.441 -0.0115608
    27. 32 319.583 472.441 -0.011557; 33 445.5 472.441 -0.0115565
    28. 34 652.583 472.441 -0.011557; 35 720 472.441 -0.011557; 36 0 590.551 0
    29. 37 67.5 590.551 -0.0115608; 38 190.583 590.551 -0.0115608
    30. 39 319.583 590.551 -0.011557; 40 445.5 590.551 -0.0115565
    31. 41 652.583 590.551 -0.011557; 42 720 590.551 -0.011557; 43 0 708.661 0
    32. 44 67.5 708.661 -0.0115608; 45 190.583 708.661 -0.0115608
    33. 46 319.583 708.661 -0.011557; 47 445.5 708.661 -0.0115565
    34. 48 652.583 708.661 -0.011557; 49 720 708.661 -0.011557
    35. 50 67.5 -118.11 -0.0115608; 51 190.583 -118.11 -0.0115608
    36. 52 319.583 -118.11 -0.011557; 53 445.5 -118.11 -0.0115565
    37. 54 652.583 -118.11 -0.011557
    38. MEMBER INCIDENCES
```



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.

```
39. 1 1 2; 2 2 3; 3 3 4; 4 4 5; 5 5 6; 6 6 7; 8 2 9; 9 3 10; 10 4 11; 11 5 12
40. 12 6 13; 14 8 9; 15 9 10; 16 10 11; 17 11 12; 18 12 13; 19 13 14; 21 9 16
41. 22 10 17; 23 11 18; 24 12 19; 25 13 20; 27 15 16; 28 16 17; 29 17 18; 30 18 19
42. 31 19 20; 32 20 21; 34 16 23; 35 17 24; 36 18 25; 37 19 26; 38 20 27; 40 22 23
43. 41 23 24; 42 24 25; 43 25 26; 44 26 27; 45 27 28; 47 23 30; 48 24 31; 49 25 32
44. 50 26 33; 51 27 34; 53 29 30; 54 30 31; 55 31 32; 56 32 33; 57 33 34; 58 34 35
45. 60 30 37; 61 31 38; 62 32 39; 63 33 40; 64 34 41; 66 36 37; 67 37 38; 68 38 39
46. 69 39 40; 70 40 41; 71 41 42; 73 37 44; 74 38 45; 75 39 46; 76 40 47; 77 41 48
47. 79 43 44; 80 44 45; 81 45 46; 82 46 47; 83 47 48; 84 48 49; 85 50 2; 86 51 3
48. 87 52 4; 88 53 5; 89 54 6
49. UNIT METER KN
50. DEFINE MATERIAL START
51. ISOTROPIC CONCRETE
52. E 2.17185E+07
53. POISSON 0.17
54. DENSITY 23.5616
55. ALPHA 1E-05
56. DAMP 0.05
57. G 9.28139E+06
58. TYPE CONCRETE
59. STRENGTH FCU 27579
60. END DEFINE MATERIAL
61. MEMBER PROPERTY
62. 8 TO 12 21 TO 25 34 TO 38 47 TO 51 60 TO 64 73 TO 77 85 TO 88 -
63. 89 PRIS YD 0.45 ZD 0.23
64. 1 TO 6 14 TO 19 27 TO 32 40 TO 45 53 TO 58 66 TO 71 79 TO 83 -
65. 84 PRIS YD 0.45 ZD 0.23
66. CONSTANTS
67. MATERIAL CONCRETE ALL
68. UNIT INCHES KN
69. SUPPORTS
70. 50 TO 54 FIXED
71. UNIT METER KN
72. DEFINE IS1893 2016 LOAD
73. ZONE 0.16 RF 5 I 1.2 SS 1 ST 1 DM 0.05 DT 3
74. SELFWEIGHT 1
75. MEMBER WEIGHT
76. 2 TO 6 15 TO 19 28 TO 32 41 TO 45 54 TO 58 67 TO 71 80 TO 84 UNI 12 0 0
77. 2 TO 6 15 TO 19 28 TO 32 41 TO 45 54 TO 58 67 TO 71 80 TO 84 UNI 35 0 0
78. 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.

79. TYPE 1 WIND 1
80. <! STAAD PRO GENERATED DATA DO NOT MODIFY !!!
81. CUSTOM:PARAMS
82. !> END GENERATED DATA BLOCK
83. INT 1.35 1.54 1.75 HEIG  10  15  18
84. EXP 1 JOINT 1 TO 54
85. LOAD 1 LOADTYPE SEISMIC-H  TITLE EQ +X
86. 1893 LOAD X 1
```

STAAD SPACE -- PAGE NO. 3

```
  87. LOAD 2 LOADTYPE SEISMIC-H  TITLE EQ -X
  88. 1893 LOAD X -1.
  89. LOAD 3 LOADTYPE SEISMIC-H  TITLE EQ +Z
  90. 1893 LOAD Z 1
  91. LOAD 4 LOADTYPE SEISMIC-H  TITLE EQ -Z
  92. 1893 LOAD Z -1.
  93. LOAD 5 LOADTYPE WIND  TITLE WIND +X
  94. WIND LOAD X 1 TYPE 1
*WARNING- NO MEMBERS LOADED FOR A WIND LOAD GENERATION.
  95. LOAD 6 LOADTYPE WIND  TITLE WIND -X
  96. WIND LOAD -X 1 TYPE 1
  97. LOAD 7 LOADTYPE WIND  TITLE WIND +Z
  98. WIND LOAD Z 1 TYPE 1
  99. LOAD 8 LOADTYPE WIND  TITLE WIND -Z
 100. WIND LOAD -Z 1 TYPE 1
 101. LOAD 9 LOADTYPE LIVE  TITLE LIVE LOAD
 102. MEMBER LOAD
 103. 2 TO 6 15 TO 19 28 TO 32 41 TO 45 54 TO 58 67 TO 71 80 TO 84 UNI GY -12
 104. LOAD 10 LOADTYPE DEAD  TITLE DEAD LOAD
 105. SELFWEIGHT Y -1
 106. MEMBER LOAD
 107. 2 TO 6 15 TO 19 28 TO 32 41 TO 45 54 TO 58 67 TO 71 80 TO 84 UNI GY -35
 108. LOAD COMB 11 1.5(DL+IL)
 109. 9 1.5 10 1.5
 110. LOAD COMB 12 1.2(DL+IL+ELX)
 111. 9 1.5 10 1.2 1 1.2
 112. LOAD COMB 13 1.2(DL+IL-ELX)
 113. 9 1.2 10 1.2 2 1.2
 114. LOAD COMB 14 1.2(DL+IL+ELZ)
 115. 9 1.2 10 1.2 3 1.2
 116. LOAD COMB 15 1.2(DL+IL-ELZ)
 117. 9 1.2 10 1.2 4 1.2
 118. LOAD COMB 16 1.2(DL+IL+WLX)
 119. 9 1.2 10 1.2 5 1.2
 120. LOAD COMB 17 1.2(DL+IL-WLX)
```

```
121. 10 1.2 6 1.2
122. LOAD COMB 18 1.2(DL+IL+WLZ)
123. 9 1.2 10 1.2 7 1.2
124. LOAD COMB 19 1.2(DL+IL-WLZ)
125. 9 1.2 10 1.2 8 1.2
126. LOAD COMB 20 1.5(DL+ELX)
127. 9 1.5 10 1.5 1 1.5
128. LOAD COMB 21 1.5(DL-ELX)
129. 9 1.5 10 1.5 2 1.5
130. LOAD COMB 22 1.5(DL+ELZ)
131. 9 1.5 10 1.5 3 1.5
132. LOAD COMB 23 1.5(DL-ELZ)
133. 10 1.5 4 1.5
134. LOAD COMB 24 1.5(DL+WLX)
135. 10 1.5 5 1.5
136. LOAD COMB 25 1.5(DL-WLX)
137. 10 1.5 6 1.5
138. LOAD COMB 26 1.5(DL+WLZ)
139. 10 1.5 7 1.5
140. LOAD COMB 27 1.5(DL-WLZ)
141. 10 1.5 8 1.5
142. LOAD COMB 28 0.9 DL+ELX
143. 10 0.9 1 1.5
144. LOAD COMB 29 0.9 DL-ELX
145. 10 0.9 2 1.5
146. LOAD COMB 30 0.9 DL+ELZ
147. 10 0.9 3 1.5
148. LOAD COMB 31 0.9 DL-ELZ
149. 10 0.9 4 1.5
150. LOAD COMB 32 0.9 DL+WLX
151. 10 0.9 5 1.5
152. LOAD COMB 33 0.9 DL-WLX
153. 10 0.9 6 1.5
154. LOAD COMB 34 0.9 DL+WLZ
155. 10 0.9 7 1.5
156. LOAD COMB 35 0.9 DL-WLZ
157. 10 0.9 8 1.5
158. PERFORM ANALYSIS PRINT ALL
```

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

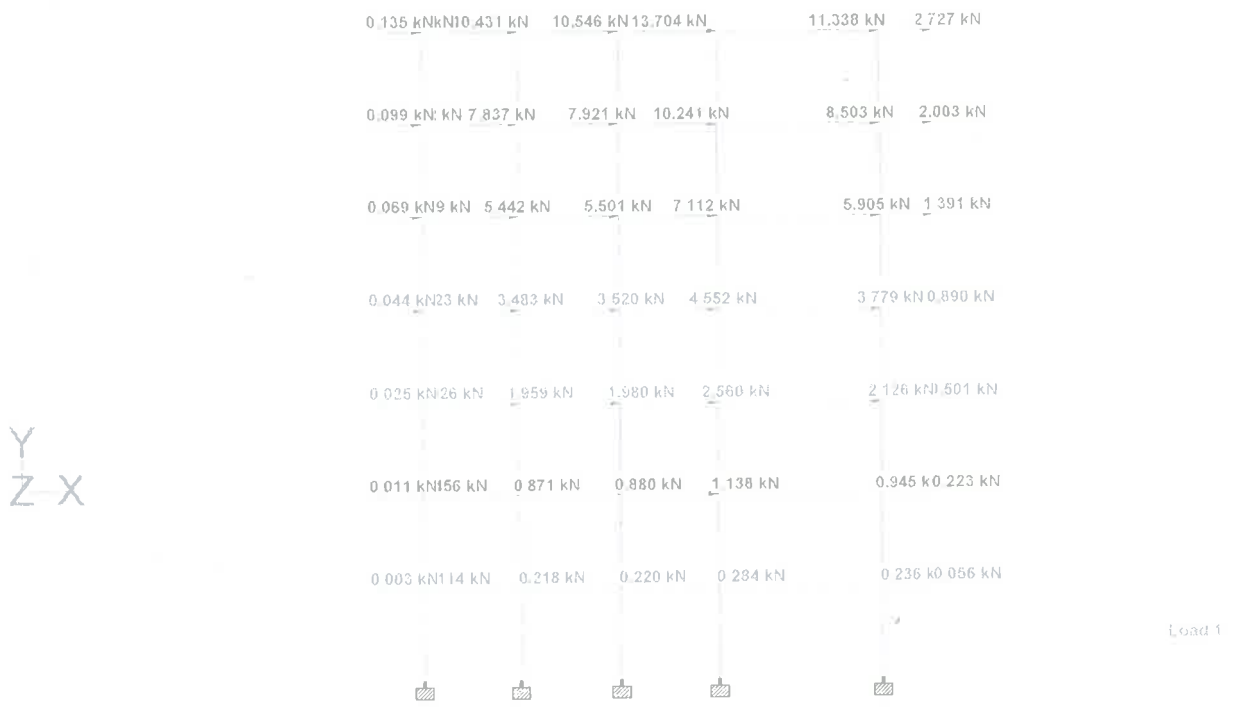
NUMBER OF JOINTS	54	NUMBER OF MEMBERS	77
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	5

Using 64-bit analysis engine.

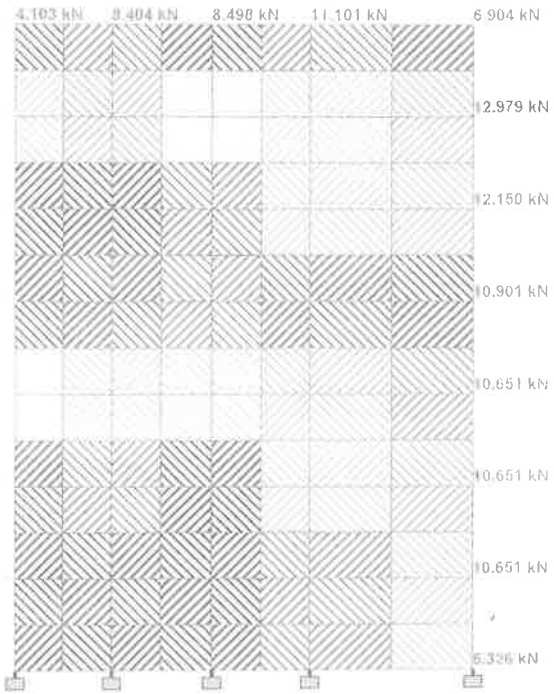
SOLVER USED IS THE IN-CORE ADVANCED MATH SOLVER

TOTAL PRIMARY LOAD CASES = 10, TOTAL DEGREES OF FREEDOM = 294

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.

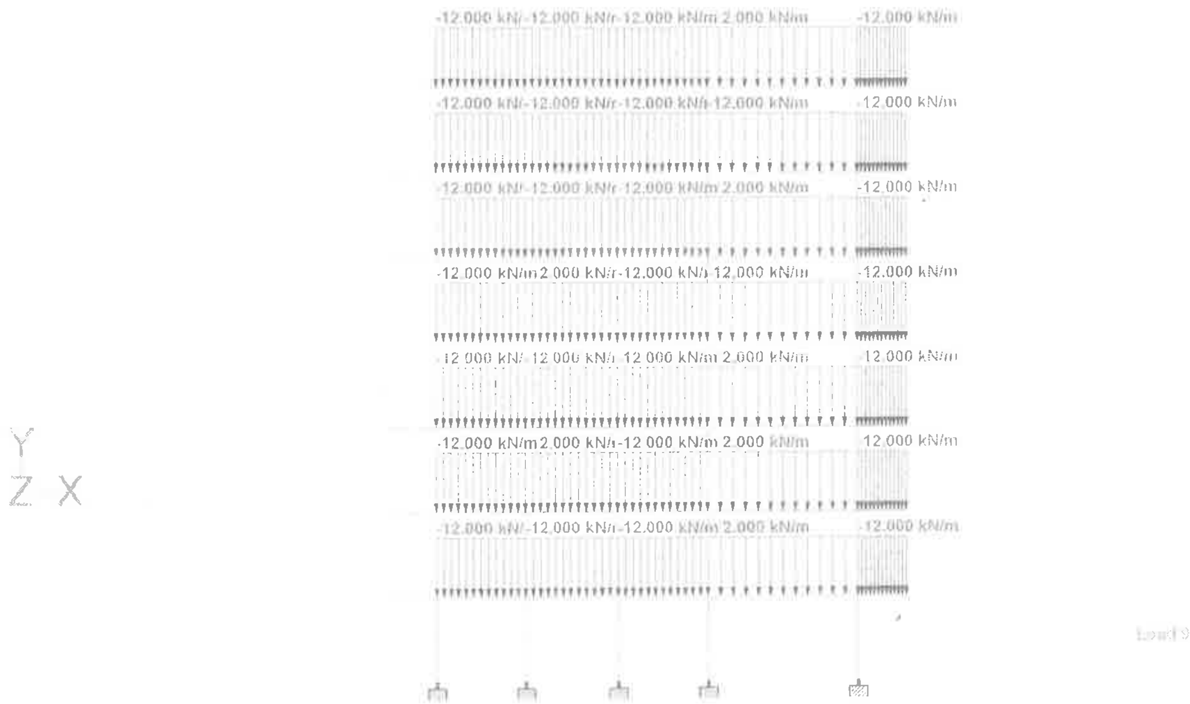


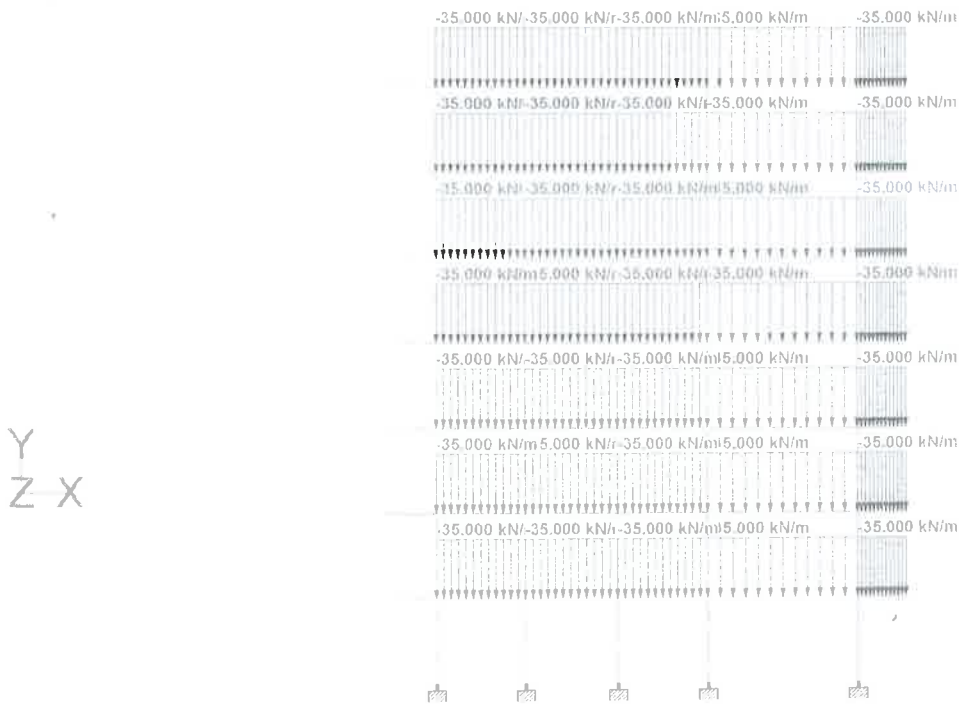
C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.


4.103 kN
9.404 kN
8.498 kN
11.101 kN
6.904 kN
12.979 kN
12.150 kN
10.901 kN
10.651 kN
10.651 kN
10.651 kN
5.326 kN

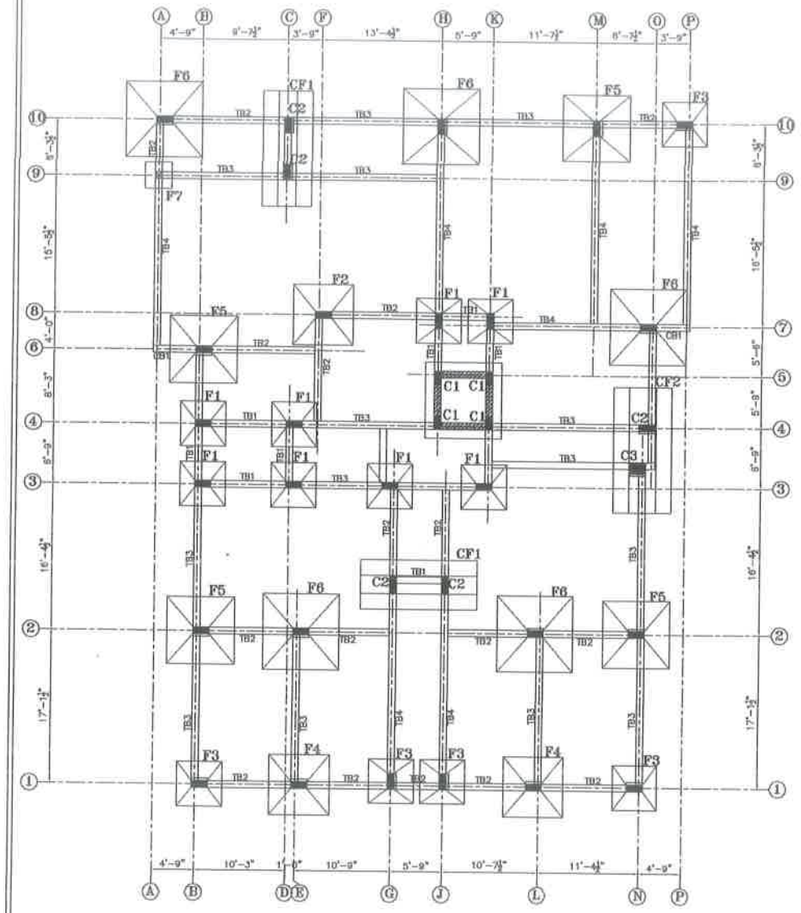
Y
Z X

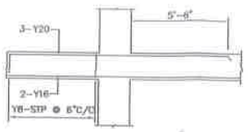
Bentley Software licensed to C Kannan CONNECTED User: Kannan Chinnasamy	Job No	Sheet No 1	Rev
	Part		
Job Title: Proposed Residential Building at Block Nos. S- 17 & S- 18, New Door No. 106, Ponnambalam Salai, K. K. Nagar, Chennai- 600078	Ref		
	By: Kannan	Date: 29-Aug-23	Chd: Kannan
Client	File: KCEE-PONAMBALALM_	Date/Time: 29-Aug-2023 16:16	



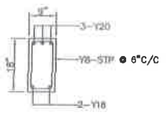


C. KANNAN, B.E., M.E, (Structure)
Structural Engineer,
CMDA Reg. No: SE/I/2024/2/0047
Door No: 21, 4th Main Road,
Indira Nagar, Chennai-600 020.

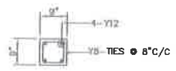




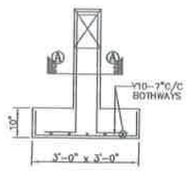
L.S OF CB1



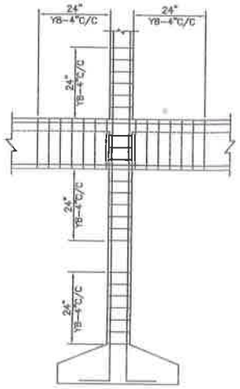
C.S OF CB1



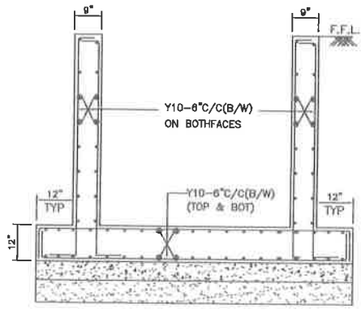
COL-F7
(SECTION A A)



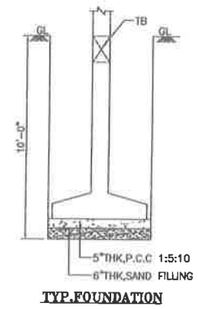
FOOTING-F7



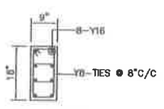
TYP. SEC. FOR
STP. DETAILS



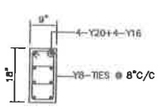
LIFTWELL SECTION



TYP.FOUNDATION



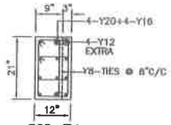
COL-C1&F1



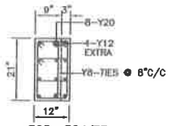
COL-F2



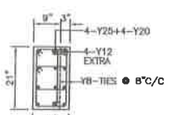
COL-F3



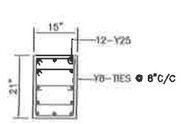
COL-F4



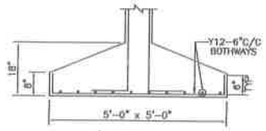
COL-C2&F5



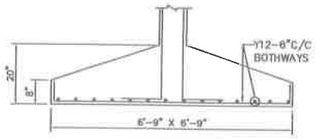
COL-F6



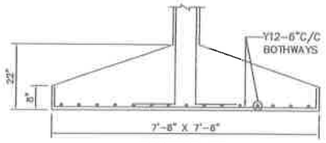
COL-C3



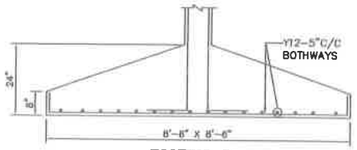
FOOTING-F1&F3



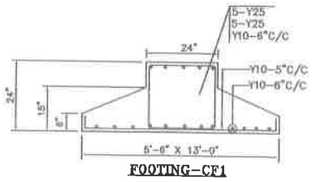
FOOTING-F2&F4



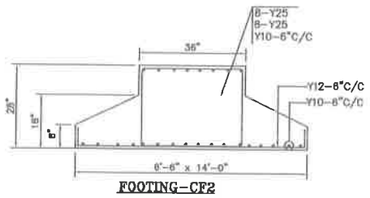
FOOTING-F5



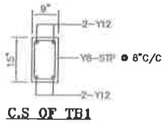
FOOTING-F6



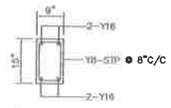
FOOTING-CF1



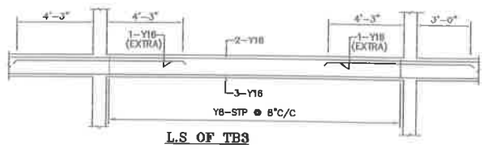
FOOTING-CF2



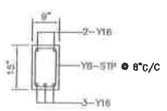
C.S OF TB1



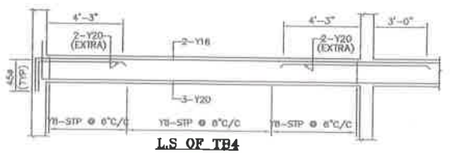
C.S OF TB2



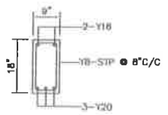
L.S OF TB3



C.S OF TB3



L.S OF TB4



C.S OF TB4

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.
   - 20 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 five upper floor
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

NO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK NOS. S-17& S-18,NEW DOOR NO.106,PONNAMBALAM SALAI K.K NAGAR, CHENNAI-600078 COMPRISED IN OLD S.NO.248 PART, T.S.NO 324/4, BLOCK NO .49 OF VIRUGAMPAKAM VILLAGE, MAMBALAM TALUK CHENNAI DISTRICT WITHIN THE LIMIT OF GREATER CHENNAI COPORATION ZONE-10 NEW DIVISION 136

FOUNDATION DETAIL

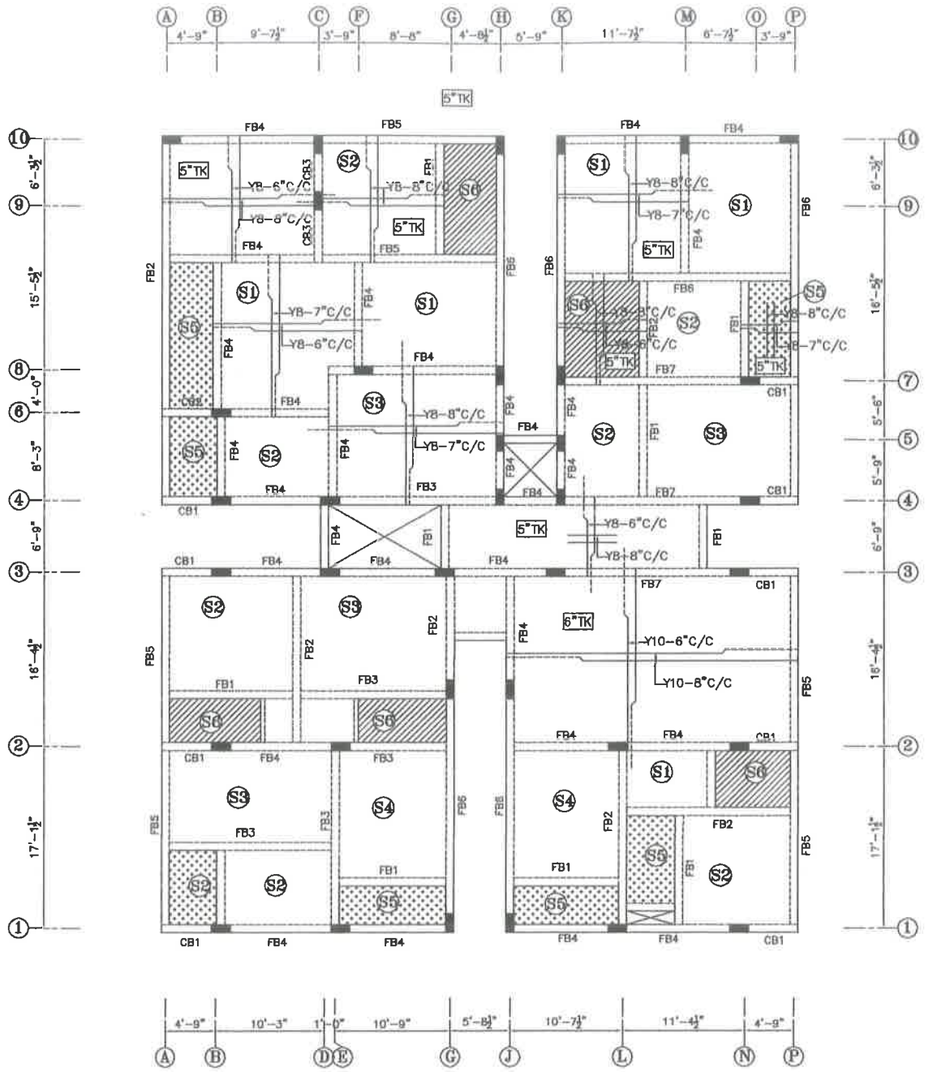
DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	SWAMI		DATE	29-05-2023

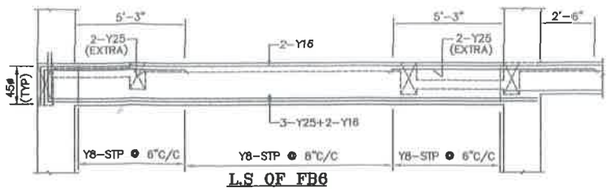
STRUCTURAL CONSULTANTS:

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.

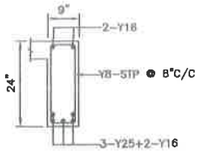
C.KANNAN B.E., M.E(STRUCTURE)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS",
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098413 49815.
E-MAIL:kannanbls2007@gmail.com

FILE NAME : D/SWATHI/AUG/KCEE-PONNAMBALAM SALAI

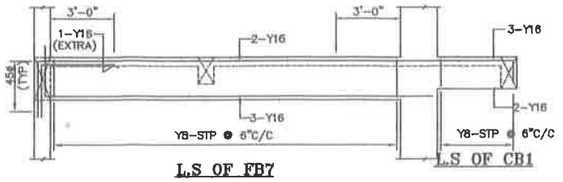




L.S OF FB6

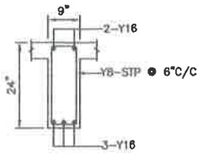


C.S OF FB6

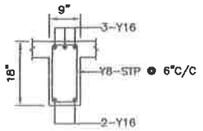


L.S OF FB7

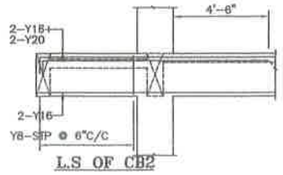
L.S OF CB1



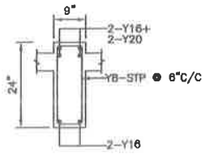
C.S OF FB7



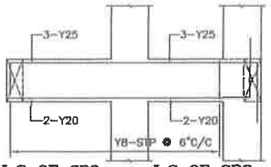
C.S OF CB1



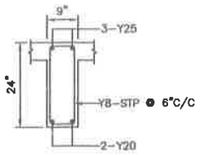
L.S OF CB2



C.S OF CB2



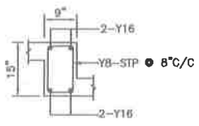
L.S OF CB3 L.S OF CB3



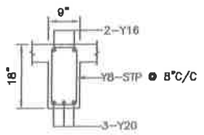
C.S OF CB1

= 10" SUNK

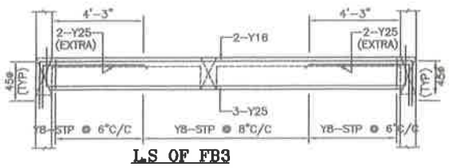
= 3" SUNK



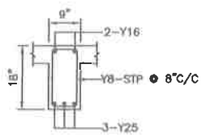
C.S OF FB1



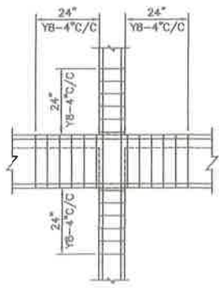
C.S OF FB2



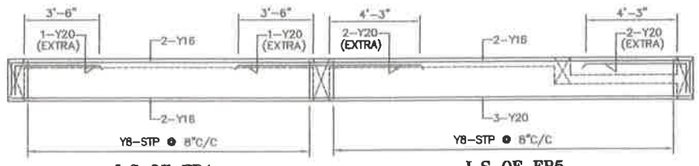
L.S OF FB3



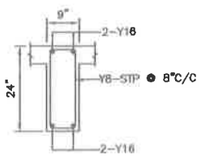
C.S OF FB3



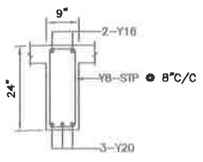
TYP. SEC. FOR STP. DETAILS



L.S OF FB4 L.S OF FB5



C.S OF FB4



C.S OF FB5

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 TOR50 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.
   - 20 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 Stilt plus five 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

RJNO	DATE	DESCRIPTION

PROJECT

PROPOSED RESIDENTIAL BUILDING AT BLOCK NOS. S-17& S-18,NEW DOOR NO.106,PONNAMBALAM SALAI K.K NAGAR, CHENNAI-600078 COMPRISED IN OLD S.NO.248 PART, T.S.NO 324/4, BLOCK NO .49 OF VIRUGAMPAKAM VILLAGE, MAMBALAM TALUK CHENNAI DISTRICT WITHIN THE LIMIT OF GREATER CHENNAI COPORATION ZONE-10 NEW DIVISION 136

TYPICAL FLOOR SLAB DETAIL

DESIGNED	KANNAN		SCALE	1 : 100
DRAWN	SEETHA		DATE	29-08-2023

STRUCTURAL CONSULTANTS:

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)
DOOR NO:21, PLOT NO:257-W,
FLAT NO:2B, "UTOPIA APARTMENTS".
2nd FLOOR, 4th MAIN ROAD,
INDIRA NAGAR, CHENNAI-20.
MOBILE NO: 098412 49815.
E-MAIL:kannanka2007@gmail.com

FILE NAME : D/SEETHA/AUG/KCEE-PONNAMBALAM SALAI



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