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 16, 2025                 *
*          Time=    23:39:15                     *
*                                                *
*  Licensed to: only @::LAVteam::®               *
**************************************************
```

```
     1. STAAD SPACE DXF IMPORT OF NEW BLOCK
INPUT FILE: C:\Users\ADMIN\Desktop\20250916_Madison by DAC_T1_STABILITY CERTIFICATE\20250916_Madison b.. .STD
     2. START JOB INFORMATION
     3. ENGINEER DATE 16-SEP-25
     4. END JOB INFORMATION
     5. INPUT WIDTH 79
     6. UNIT METER KN
     7. JOINT COORDINATES
     8. 1 0 0 0; 2 0 0 -1.45; 4 0 -2 0; 5 0 0 2.55001; 6 0 -2 2.55001; 7 0 0 7.40002
     9. 8 0.600001 0 7.40002; 9 0.600001 -2 7.40002; 14 -1.05 0 10.4
    10. 15 -1.05 0 9.10002; 17 -1.05 -2 10.4; 18 -1.05 0 11.7; 19 -1.05 -2 11.7
    11. 20 -1.05 0 13.65; 21 -1.05 -2 13.65; 22 -1.05 0 15.15; 23 0 3.00001 -1.45
    12. 24 0 3.00001 0; 25 0 3.00001 2.55001; 26 0 3.00001 7.40002
    13. 27 0.600001 3.00001 7.40002; 28 -1.05 3.00001 9.10002; 29 -1.05 3.00001 10.4
    14. 30 -1.05 3.00001 11.7; 31 -1.05 3.00001 13.65; 32 -1.05 3.00001 15.15
    15. 33 0 6.00001 -1.45; 34 0 6.00001 0; 35 0 6.00001 2.55001; 36 0 6.00001 7.40002
    16. 37 0.600001 6.00001 7.40002; 38 -1.05 6.00001 9.10002; 39 -1.05 6.00001 10.4
    17. 40 -1.05 6.00001 11.7; 41 -1.05 6.00001 13.65; 42 -1.05 6.00001 15.15
    18. 43 0 9.00002 -1.45; 44 0 9.00002 0; 45 0 9.00002 2.55001; 46 0 9.00002 7.40002
    19. 47 0.600001 9.00002 7.40002; 48 -1.05 9.00002 9.10002; 49 -1.05 9.00002 10.4
    20. 50 -1.05 9.00002 11.7; 51 -1.05 9.00002 13.65; 52 -1.05 9.00002 15.15
    21. 53 0 12 -1.45; 54 0 12 0; 55 0 12 2.55001; 56 0 12 7.40002
    22. 57 0.600001 12 7.40002; 58 -1.05 12 9.10002; 59 -1.05 12 10.4
    23. 60 -1.05 12 11.7; 61 -1.05 12 13.65; 62 -1.05 12 15.15; 63 0 15 -1.45
    24. 64 0 15 0; 65 0 15 2.55001; 66 0 15 7.40002; 67 0.600001 15 7.40002
    25. 68 -1.05 15 9.10002; 69 -1.05 15 10.4; 70 -1.05 15 11.7; 71 -1.05 15 13.65
    26. 72 -1.05 15 15.15
    27. MEMBER INCIDENCES
    28. 1 2 1; 4 1 4; 5 1 5; 6 5 6; 7 5 7; 8 7 8; 9 8 9; 15 15 14; 16 14 17; 17 14 18
    29. 18 18 19; 19 18 20; 20 20 21; 21 20 22; 22 23 24; 23 24 25; 24 25 26; 25 26 27
    30. 26 28 29; 27 29 30; 28 30 31; 29 31 32; 30 1 24; 31 5 25; 32 8 27; 33 14 29
    31. 34 30 18; 35 20 31; 36 33 34; 37 34 35; 38 35 36; 39 36 37; 40 38 39; 41 39 40
    32. 42 40 41; 43 41 42; 44 24 34; 45 25 35; 46 27 37; 47 29 39; 48 40 30; 49 31 41
    33. 50 43 44; 51 44 45; 52 45 46; 53 46 47; 54 48 49; 55 49 50; 56 50 51; 57 51 52
    34. 58 34 44; 59 35 45; 60 37 47; 61 39 49; 62 50 40; 63 41 51; 64 53 54; 65 54 55
    35. 66 55 56; 67 56 57; 68 58 59; 69 59 60; 70 60 61; 71 61 62; 72 44 54; 73 45 55
    36. 74 47 57; 75 49 59; 76 60 50; 77 51 61; 78 63 64; 79 64 65; 80 65 66; 81 66 67
    37. 82 68 69; 83 69 70; 84 70 71; 85 71 72; 86 54 64; 87 55 65; 88 57 67; 89 59 69
    38. 90 70 60; 91 61 71
```



Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com

DXF IMPORT OF NEW BLOCK -- PAGE NO. 2

```
 39. DEFINE MATERIAL START
 40. ISOTROPIC CONCRETE
 41. E 2.17184E+07
 42. POISSON 0.17
 43. DENSITY 23.5615
 44. ALPHA 5.5E-06
 45. DAMP 0.05
 46. G 9.28137E+06
 47. TYPE CONCRETE
 48. STRENGTH FCU 27578.9
 49. END DEFINE MATERIAL
 50. MEMBER PROPERTY
 51. 4 6 9 16 18 20 30 TO 35 44 TO 49 58 TO 63 72 TO 77 86 TO 91 PRIS YD 0.45 ZD 0.2
 52. 1 5 7 8 15 17 19 21 TO 29 36 TO 43 50 TO 57 64 TO 71 78 TO 84 -
 53. 85 PRIS YD 0.5 ZD 0.2
 54. CONSTANTS
 55. BETA 90 MEMB 4 6 16 18 20 30 31 33 TO 35 44 45 47 TO 49 58 59 61 TO 63 72 -
 56. 73 75 TO 77 86 87 89 TO 91
 57. MATERIAL CONCRETE ALL
 58. SUPPORTS
 59. 4 6 9 17 19 21 FIXED
 60. 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.

 61. TYPE 1 WIND 1
 62. <! STAAD PRO GENERATED DATA DO NOT MODIFY !!!
 63. CUSTOM:PARAMS
 64. !> END GENERATED DATA BLOCK
 65. INT 1.75 1.75 1.5 1.5 1.2 1.1 HEIG  18.3  12  9  6  3  0
 66. EXP 1 JOINT 1 2 4 TO 9 14 15 17 TO 72
 67. DEFINE IS1893 2016 LOAD
**WARNING- THIS STRUCTURE IS DISJOINTED. IGNORE IF
          CONTROL/DEPENDENT OR IF UNCONNECTED JOINTS.
 68. ZONE 0.16 RF 3 I 1.2 SS 1 ST 4 DM 0.05
 69. SELFWEIGHT 1

**WARNING: WALL AREA command should be present with ST = 4. Ref Clause 7.6.2b.
 70. MEMBER WEIGHT
 71. 1 5 7 8 15 17 19 21 TO 29 36 TO 43 50 TO 57 64 TO 71 78 TO 85 UNI -10 0 0
 72. 1 5 7 8 15 17 19 21 TO 29 36 TO 43 50 TO 57 64 TO 71 78 TO 85 UNI -10 0 0
 73. LOAD 1 LOADTYPE SEISMIC-H  TITLE EQX
 74. 1893 LOAD X 1
 75. LOAD 2 LOADTYPE SEISMIC-H  TITLE EQX
 76. 1893 LOAD X -1.
 77. LOAD 3 LOADTYPE SEISMIC-V  TITLE EQZ
 78. 1893 LOAD Z 1
```



Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com

DXF IMPORT OF NEW BLOCK -- PAGE NO. 3

```
  79. LOAD 4 LOADTYPE SEISMIC-V  TITLE EQZ
  80. 1893 LOAD Z -1.
  81. LOAD 5 LOADTYPE WIND  TITLE WIND +X
  82. WIND LOAD X 1 TYPE 1
  83. LOAD 6 LOADTYPE WIND  TITLE WIND -X
  84. WIND LOAD -X 1 TYPE 1
  85. LOAD 7 LOADTYPE WIND  TITLE WIND +Z
  86. WIND LOAD Z 1 TYPE 1
*WARNING- NO MEMBERS LOADED FOR A WIND LOAD GENERATION.
  87. LOAD 8 LOADTYPE WIND  TITLE WIND -Z
  88. WIND LOAD -Z 1 TYPE 1
*WARNING- NO MEMBERS LOADED FOR A WIND LOAD GENERATION.
  89. LOAD 9 LOADTYPE DEAD  TITLE DL
  90. SELFWEIGHT Y -1
  91. MEMBER LOAD
  92. 1 5 7 8 15 17 19 21 TO 29 36 TO 43 50 TO 57 64 TO 71 78 TO 85 UNI GY -10
  93. LOAD 10 LOADTYPE LIVE  TITLE LL
  94. MEMBER LOAD
  95. 1 5 7 8 15 17 19 21 TO 29 36 TO 43 50 TO 57 64 TO 71 78 TO 85 UNI GY -10
  96. LOAD COMB 11 1.5(DL+IL)
  97. 9 1.5 10 1.5
  98. LOAD COMB 12 1.2(DL+IL+ELX)
  99. 9 1.5 10 1.2
 100. LOAD COMB 13 1.2(DL+IL-ELX)
 101. 9 1.2 10 1.2
 102. LOAD COMB 14 1.2(DL+IL+ELZ)
 103. 9 1.2 10 1.2
 104. LOAD COMB 15 1.2(DL+IL-ELZ)
 105. 9 1.2 10 1.2
 106. LOAD COMB 16 1.2(DL+IL+WLX)
 107. 9 1.2 10 1.2 5 1.2
 108. LOAD COMB 17 1.2(DL+IL-WLX)
 109. 10 1.2 6 1.2
 110. LOAD COMB 18 1.2(DL+IL+WLZ)
 111. 9 1.2 10 1.2 7 1.2
 112. LOAD COMB 19 1.2(DL+IL-WLZ)
 113. 9 1.2 10 1.2 8 1.2
 114. LOAD COMB 20 1.5(DL+ELX)
```



Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com

```
115. 9 1.5 10 1.5
116. LOAD COMB 21 1.5(DL-ELX)
117. 9 1.5 10 1.5
118. LOAD COMB 22 1.5(DL+ELZ)
119. 9 1.5 10 1.5
120. LOAD COMB 23 1.5(DL-ELZ)
121. 10 1.5
122. LOAD COMB 24 1.5(DL+WLX)
123. 10 1.5 5 1.5
124. LOAD COMB 25 1.5(DL-WLX)
125. 10 1.5 6 1.5
126. LOAD COMB 26 1.5(DL+WLZ)
127. 10 1.5 7 1.5
128. LOAD COMB 27 1.5(DL-WLZ)
129. 10 1.5 8 1.5
130. LOAD COMB 28 0.9 DL+ELX
131. 10 0.9
132. LOAD COMB 29 0.9 DL-ELX
133. 10 0.9
134. LOAD COMB 30 0.9 DL+ELZ
135. 10 0.9
136. LOAD COMB 31 0.9 DL-ELZ
137. 10 0.9
138. LOAD COMB 32 0.9 DL+WLX
139. 10 0.9 5 1.5
140. LOAD COMB 33 0.9 DL-WLX
141. 10 0.9 6 1.5
142. LOAD COMB 34 0.9 DL+WLZ
143. 10 0.9 7 1.5
144. LOAD COMB 35 0.9 DL-WLZ
145. 10 0.9 8 1.5
146. PERFORM ANALYSIS PRINT ALL


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

  NUMBER OF JOINTS          66  NUMBER OF MEMBERS       84
  NUMBER OF PLATES           0  NUMBER OF SOLIDS         0
  NUMBER OF SURFACES         0  NUMBER OF SUPPORTS       6

        Using 64-bit analysis engine.

        SOLVER USED IS THE IN-CORE ADVANCED MATH SOLVER

TOTAL       PRIMARY LOAD CASES =    10, TOTAL DEGREES OF FREEDOM =     360
TOTAL LOAD COMBINATION  CASES =    25  SO FAR.
```



Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com

Job Information

	Engineer	Checked	Approved
Name:			
Date:	16-Sep-25		

Project ID	
Project Name	

Structure Type	SPACE FRAME

Number of Nodes	66	Highest Node	72
Number of Elements	84	Highest Beam	91

Number of Basic Load Cases	10
Number of Combination Load Cases	25

Included in this printout are data for:

All	The Whole Structure

Included in this printout are results for load cases:

Type	L/C	Name
Primary	1	EQX
Primary	2	EQX
Primary	3	EQZ
Primary	4	EQZ
Primary	5	WIND +X
Primary	6	WIND -X
Primary	7	WIND +Z
Primary	8	WIND -Z
Primary	9	DL
Primary	10	LL
Combination	11	1.5(DL+IL)
Combination	12	1.2(DL+IL+ELX)
Combination	13	1.2(DL+IL-ELX)
Combination	14	1.2(DL+IL+ELZ)
Combination	15	1.2(DL+IL-ELZ)
Combination	16	1.2(DL+IL+WLX)
Combination	17	1.2(DL+IL-WLX)
Combination	18	1.2(DL+IL+WLZ)
Combination	19	1.2(DL+IL-WLZ)
Combination	20	1.5(DL+ELX)
Combination	21	1.5(DL-ELX)
Combination	22	1.5(DL+ELZ)
Combination	23	1.5(DL-ELZ)
Combination	24	1.5(DL+WLX)
Combination	25	1.5(DL-WLX)
Combination	26	1.5(DL+WLZ)
Combination	27	1.5(DL-WLZ)
Combination	28	0.9 DL+ELX
Combination	29	0.9 DL-ELX

Job Information Cont...

Type	L/C	Name
Combination	30	0.9 DL+ELZ
Combination	31	0.9 DL-ELZ
Combination	32	0.9 DL+WLX
Combination	33	0.9 DL-WLX
Combination	34	0.9 DL+WLZ
Combination	35	0.9 DL-WLZ

Nodes

Node	X (m)	Y (m)	Z (m)
1	0	0	0
2	0	0	-1.450
4	0	-2.000	0
5	0	0	2.550
6	0	-2.000	2.550
7	0	0	7.400
8	0.600	0	7.400
9	0.600	-2.000	7.400
14	-1.050	0	10.400
15	-1.050	0	9.100
17	-1.050	-2.000	10.400
18	-1.050	0	11.700
19	-1.050	-2.000	11.700
20	-1.050	0	13.650
21	-1.050	-2.000	13.650
22	-1.050	0	15.150
23	0	3.000	-1.450
24	0	3.000	0
25	0	3.000	2.550
26	0	3.000	7.400
27	0.600	3.000	7.400
28	-1.050	3.000	9.100
29	-1.050	3.000	10.400
30	-1.050	3.000	11.700
31	-1.050	3.000	13.650
32	-1.050	3.000	15.150
33	0	6.000	-1.450
34	0	6.000	0
35	0	6.000	2.550
36	0	6.000	7.400
37	0.600	6.000	7.400
38	-1.050	6.000	9.100
39	-1.050	6.000	10.400
40	-1.050	6.000	11.700
41	-1.050	6.000	13.650
42	-1.050	6.000	15.150
43	0	9.000	-1.450

Nodes Cont...

Node	X (m)	Y (m)	Z (m)
44	0	9.000	0
45	0	9.000	2.550
46	0	9.000	7.400
47	0.600	9.000	7.400
48	-1.050	9.000	9.100
49	-1.050	9.000	10.400
50	-1.050	9.000	11.700
51	-1.050	9.000	13.650
52	-1.050	9.000	15.150
53	0	12.000	-1.450
54	0	12.000	0
55	0	12.000	2.550
56	0	12.000	7.400
57	0.600	12.000	7.400
58	-1.050	12.000	9.100
59	-1.050	12.000	10.400
60	-1.050	12.000	11.700
61	-1.050	12.000	13.650
62	-1.050	12.000	15.150
63	0	15.000	-1.450
64	0	15.000	0
65	0	15.000	2.550
66	0	15.000	7.400
67	0.600	15.000	7.400
68	-1.050	15.000	9.100
69	-1.050	15.000	10.400
70	-1.050	15.000	11.700
71	-1.050	15.000	13.650
72	-1.050	15.000	15.150

Beams

Beam	Node A	Node B	Length (m)	Property	β (degrees)
1	2	1	1.450	2	0
4	1	4	2.000	1	90
5	1	5	2.550	2	0
6	5	6	2.000	1	90
7	5	7	4.850	2	0
8	7	8	0.600	2	0
9	8	9	2.000	1	0
15	15	14	1.300	2	0
16	14	17	2.000	1	90
17	14	18	1.300	2	0
18	18	19	2.000	1	90
19	18	20	1.950	2	0
20	20	21	2.000	1	90
21	20	22	1.500	2	0

Beams Cont...

Beam	Node A	Node B	Length (m)	Property	β (degrees)
22	23	24	1.450	2	0
23	24	25	2.550	2	0
24	25	26	4.850	2	0
25	26	27	0.600	2	0
26	28	29	1.300	2	0
27	29	30	1.300	2	0
28	30	31	1.950	2	0
29	31	32	1.500	2	0
30	1	24	3.000	1	90
31	5	25	3.000	1	90
32	8	27	3.000	1	0
33	14	29	3.000	1	90
34	30	18	3.000	1	90
35	20	31	3.000	1	90
36	33	34	1.450	2	0
37	34	35	2.550	2	0
38	35	36	4.850	2	0
39	36	37	0.600	2	0
40	38	39	1.300	2	0
41	39	40	1.300	2	0
42	40	41	1.950	2	0
43	41	42	1.500	2	0
44	24	34	3.000	1	90
45	25	35	3.000	1	90
46	27	37	3.000	1	0
47	29	39	3.000	1	90
48	40	30	3.000	1	90
49	31	41	3.000	1	90
50	43	44	1.450	2	0
51	44	45	2.550	2	0
52	45	46	4.850	2	0
53	46	47	0.600	2	0
54	48	49	1.300	2	0
55	49	50	1.300	2	0
56	50	51	1.950	2	0
57	51	52	1.500	2	0
58	34	44	3.000	1	90
59	35	45	3.000	1	90
60	37	47	3.000	1	0
61	39	49	3.000	1	90
62	50	40	3.000	1	90
63	41	51	3.000	1	90
64	53	54	1.450	2	0
65	54	55	2.550	2	0
66	55	56	4.850	2	0
67	56	57	0.600	2	0
68	58	59	1.300	2	0
69	59	60	1.300	2	0
70	60	61	1.950	2	0

Beams Cont...

Beam	Node A	Node B	Length (m)	Property	β (degrees)
71	61	62	1.500	2	0
72	44	54	3.000	1	90
73	45	55	3.000	1	90
74	47	57	3.000	1	0
75	49	59	3.000	1	90
76	60	50	3.000	1	90
77	51	61	3.000	1	90
78	63	64	1.450	2	0
79	64	65	2.550	2	0
80	65	66	4.850	2	0
81	66	67	0.600	2	0
82	68	69	1.300	2	0
83	69	70	1.300	2	0
84	70	71	1.950	2	0
85	71	72	1.500	2	0
86	54	64	3.000	1	90
87	55	65	3.000	1	90
88	57	67	3.000	1	0
89	59	69	3.000	1	90
90	70	60	3.000	1	90
91	61	71	3.000	1	90

Section Properties

Prop	Section	Area (in^2)	I_{yy} (in^4)	I_{zz} (in^4)	J (in^4)	Material
1	Rect 17.72x7.87	139.500	720.747	3.65E+3	2.08E+3	CONCRETE
2	Rect 19.68x7.87	155.000	800.830	5.01E+3	2.4E+3	CONCRETE

Materials

Mat	Name	E (kip/in^2)	v	Density (kip/in^3)	α (/°F)
1	STEEL	29E+3	0.300	0.000	6.5E -6
2	CONCRETE	3.15E+3	0.170	0.000	5.5E -6
3	ALUMINUM	10E+3	0.330	9.8e-05	12.8E -6
4	STAINLESSSTEEL	28E+3	0.300	0.000	9.9E -6
5	STEEL_36_KSI	29E+3	0.300	0.000	6.5E -6
6	STEEL_50_KSI	29E+3	0.300	0.000	6.5E -6
7	STEEL_275_NMM2	29.7E+3	0.300	0.000	6.67E -6
8	STEEL_355_NMM2	29.7E+3	0.300	0.000	6.67E -6
9	Q235	29.9E+3	0.300	0.000	6.67E -6
10	Q345	29.9E+3	0.300	0.000	6.67E -6
11	Q355	29.9E+3	0.300	0.000	6.67E -6
12	Q390	29.9E+3	0.300	0.000	6.67E -6
13	Q420	29.9E+3	0.300	0.000	6.67E -6
14	Q460	29.9E+3	0.300	0.000	6.67E -6
15	TIMBER	1.5E+3	0.150	0.000	3E -6

Supports

Node	X (kip/in)	Y (kip/in)	Z (kip/in)	rX (kip-ft/deg)	rY (kip-ft/deg)	rZ (kip-ft/deg)
4	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
6	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
9	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
17	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
19	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
21	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed

Releases

There is no data of this type.

Primary Load Cases

Number	Name	Type
1	EQX	Seismic-H
2	EQX	Seismic-H
3	EQZ	Seismic-V
4	EQZ	Seismic-V
5	WIND +X	Wind
6	WIND -X	Wind
7	WIND +Z	Wind
8	WIND -Z	Wind
9	DL	Dead
10	LL	Live

Combination Load Cases

Comb.	Combination L/C Name	Primary	Primary L/C Name	Factor
11	1.5(DL+IL)	9	DL	1.50
		10	LL	1.50
12	1.2(DL+IL+ELX)	9	DL	1.50
		10	LL	1.20
13	1.2(DL+IL-ELX)	9	DL	1.20
		10	LL	1.20
14	1.2(DL+IL+ELZ)	9	DL	1.20
		10	LL	1.20
15	1.2(DL+IL-ELZ)	9	DL	1.20
		10	LL	1.20
16	1.2(DL+IL+WLX)	9	DL	1.20
		10	LL	1.20
		5	WIND +X	1.20
17	1.2(DL+IL-WLX)	10	LL	1.20
		6	WIND -X	1.20
18	1.2(DL+IL+WLZ)	9	DL	1.20
		10	LL	1.20

Combination Load Cases Cont...

Comb.	Combination L/C Name	Primary	Primary L/C Name	Factor
19	1.2(DL+IL-WLZ)	9	DL	1.20
		10	LL	1.20
		8	WIND -Z	1.20
20	1.5(DL+ELX)	9	DL	1.50
		10	LL	1.50
21	1.5(DL-ELX)	9	DL	1.50
		10	LL	1.50
22	1.5(DL+ELZ)	9	DL	1.50
		10	LL	1.50
23	1.5(DL-ELZ)	10	LL	1.50
24	1.5(DL+WLX)	10	LL	1.50
		5	WIND +X	1.50
25	1.5(DL-WLX)	10	LL	1.50
		6	WIND -X	1.50
26	1.5(DL+WLZ)	10	LL	1.50
		7	WIND +Z	1.50
27	1.5(DL-WLZ)	10	LL	1.50
		8	WIND -Z	1.50
28	0.9 DL+ELX	10	LL	0.90
29	0.9 DL-ELX	10	LL	0.90
30	0.9 DL+ELZ	10	LL	0.90
31	0.9 DL-ELZ	10	LL	0.90
32	0.9 DL+WLX	10	LL	0.90
		5	WIND +X	1.50
33	0.9 DL-WLX	10	LL	0.90
		6	WIND -X	1.50
34	0.9 DL+WLZ	10	LL	0.90
		7	WIND +Z	1.50
35	0.9 DL-WLZ	10	LL	0.90
		8	WIND -Z	1.50

Wind Load Definition : Type 1

Intensity (psi)	Height (m)
0.254	18.300
0.254	12.000
0.218	9.000
0.218	6.000
0.174	3.000
0.160	0

Exposure Factor	Range	Nodes / Height Range (m)
1.000	Nodes	1, 2, 4 - 9, 14, 15, 17 - 72

1 EQX : Seismic Loading

Code	Direction	Factor
	X	1.000

2 EQX : Seismic Loading

Code	Direction	Factor
	X	-1.000

3 EQZ : Seismic Loading

Code	Direction	Factor
	Z	1.000

4 EQZ : Seismic Loading

Code	Direction	Factor
	Z	-1.000

5 WIND +X : Wind Loading

Direction	Type	Factor
X	1	1.000

6 WIND -X : Wind Loading

Direction	Type	Factor
-X	1	1.000

7 WIND +Z : Wind Loading

Direction	Type	Factor
Z	1	1.000

8 WIND -Z : Wind Loading

Direction	Type	Factor
-Z	1	1.000

9 DL : Beam Loads

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
1	UNI lbf/ft	GY	-685.219	-	-	-	-
5	UNI lbf/ft	GY	-685.219	-	-	-	-
7	UNI lbf/ft	GY	-685.219	-	-	-	-
8	UNI lbf/ft	GY	-685.219	-	-	-	-
15	UNI lbf/ft	GY	-685.219	-	-	-	-
17	UNI lbf/ft	GY	-685.219	-	-	-	-
19	UNI lbf/ft	GY	-685.219	-	-	-	-
21	UNI lbf/ft	GY	-685.219	-	-	-	-
22	UNI lbf/ft	GY	-685.219	-	-	-	-
23	UNI lbf/ft	GY	-685.219	-	-	-	-
24	UNI lbf/ft	GY	-685.219	-	-	-	-
25	UNI lbf/ft	GY	-685.219	-	-	-	-
26	UNI lbf/ft	GY	-685.219	-	-	-	-
27	UNI lbf/ft	GY	-685.219	-	-	-	-
28	UNI lbf/ft	GY	-685.219	-	-	-	-
29	UNI lbf/ft	GY	-685.219	-	-	-	-
36	UNI lbf/ft	GY	-685.219	-	-	-	-
37	UNI lbf/ft	GY	-685.219	-	-	-	-
38	UNI lbf/ft	GY	-685.219	-	-	-	-
39	UNI lbf/ft	GY	-685.219	-	-	-	-
40	UNI lbf/ft	GY	-685.219	-	-	-	-
41	UNI lbf/ft	GY	-685.219	-	-	-	-
42	UNI lbf/ft	GY	-685.219	-	-	-	-
43	UNI lbf/ft	GY	-685.219	-	-	-	-
50	UNI lbf/ft	GY	-685.219	-	-	-	-
51	UNI lbf/ft	GY	-685.219	-	-	-	-
52	UNI lbf/ft	GY	-685.219	-	-	-	-
53	UNI lbf/ft	GY	-685.219	-	-	-	-
54	UNI lbf/ft	GY	-685.219	-	-	-	-
55	UNI lbf/ft	GY	-685.219	-	-	-	-
56	UNI lbf/ft	GY	-685.219	-	-	-	-
57	UNI lbf/ft	GY	-685.219	-	-	-	-
64	UNI lbf/ft	GY	-685.219	-	-	-	-
65	UNI lbf/ft	GY	-685.219	-	-	-	-
66	UNI lbf/ft	GY	-685.219	-	-	-	-
67	UNI lbf/ft	GY	-685.219	-	-	-	-
68	UNI lbf/ft	GY	-685.219	-	-	-	-
69	UNI lbf/ft	GY	-685.219	-	-	-	-
70	UNI lbf/ft	GY	-685.219	-	-	-	-
71	UNI lbf/ft	GY	-685.219	-	-	-	-
78	UNI lbf/ft	GY	-685.219	-	-	-	-
79	UNI lbf/ft	GY	-685.219	-	-	-	-
80	UNI lbf/ft	GY	-685.219	-	-	-	-
81	UNI lbf/ft	GY	-685.219	-	-	-	-
82	UNI lbf/ft	GY	-685.219	-	-	-	-
83	UNI lbf/ft	GY	-685.219	-	-	-	-
84	UNI lbf/ft	GY	-685.219	-	-	-	-
85	UNI lbf/ft	GY	-685.219	-	-	-	-

9 DL : Selfweight

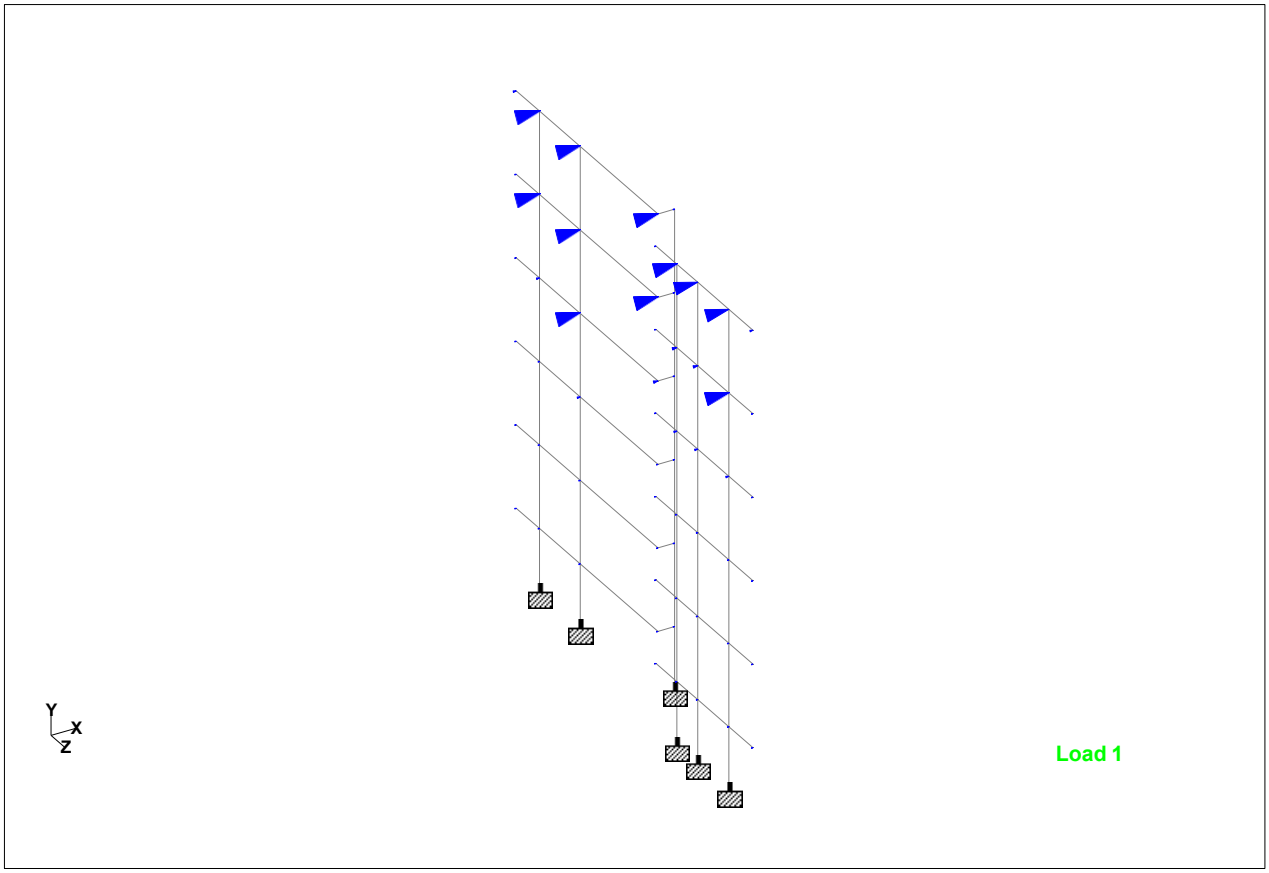
Direction	Factor	Assigned Geometry
Y	-1.000	ALL

10 LL : Beam Loads

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
1	UNI lbf/ft	GY	-685.219	-	-	-	-
5	UNI lbf/ft	GY	-685.219	-	-	-	-
7	UNI lbf/ft	GY	-685.219	-	-	-	-
8	UNI lbf/ft	GY	-685.219	-	-	-	-
15	UNI lbf/ft	GY	-685.219	-	-	-	-
17	UNI lbf/ft	GY	-685.219	-	-	-	-
19	UNI lbf/ft	GY	-685.219	-	-	-	-
21	UNI lbf/ft	GY	-685.219	-	-	-	-
22	UNI lbf/ft	GY	-685.219	-	-	-	-
23	UNI lbf/ft	GY	-685.219	-	-	-	-
24	UNI lbf/ft	GY	-685.219	-	-	-	-
25	UNI lbf/ft	GY	-685.219	-	-	-	-
26	UNI lbf/ft	GY	-685.219	-	-	-	-
27	UNI lbf/ft	GY	-685.219	-	-	-	-
28	UNI lbf/ft	GY	-685.219	-	-	-	-
29	UNI lbf/ft	GY	-685.219	-	-	-	-
36	UNI lbf/ft	GY	-685.219	-	-	-	-
37	UNI lbf/ft	GY	-685.219	-	-	-	-
38	UNI lbf/ft	GY	-685.219	-	-	-	-
39	UNI lbf/ft	GY	-685.219	-	-	-	-
40	UNI lbf/ft	GY	-685.219	-	-	-	-
41	UNI lbf/ft	GY	-685.219	-	-	-	-
42	UNI lbf/ft	GY	-685.219	-	-	-	-
43	UNI lbf/ft	GY	-685.219	-	-	-	-
50	UNI lbf/ft	GY	-685.219	-	-	-	-
51	UNI lbf/ft	GY	-685.219	-	-	-	-
52	UNI lbf/ft	GY	-685.219	-	-	-	-
53	UNI lbf/ft	GY	-685.219	-	-	-	-
54	UNI lbf/ft	GY	-685.219	-	-	-	-
55	UNI lbf/ft	GY	-685.219	-	-	-	-
56	UNI lbf/ft	GY	-685.219	-	-	-	-
57	UNI lbf/ft	GY	-685.219	-	-	-	-
64	UNI lbf/ft	GY	-685.219	-	-	-	-
65	UNI lbf/ft	GY	-685.219	-	-	-	-
66	UNI lbf/ft	GY	-685.219	-	-	-	-
67	UNI lbf/ft	GY	-685.219	-	-	-	-
68	UNI lbf/ft	GY	-685.219	-	-	-	-
69	UNI lbf/ft	GY	-685.219	-	-	-	-
70	UNI lbf/ft	GY	-685.219	-	-	-	-
71	UNI lbf/ft	GY	-685.219	-	-	-	-
78	UNI lbf/ft	GY	-685.219	-	-	-	-
79	UNI lbf/ft	GY	-685.219	-	-	-	-

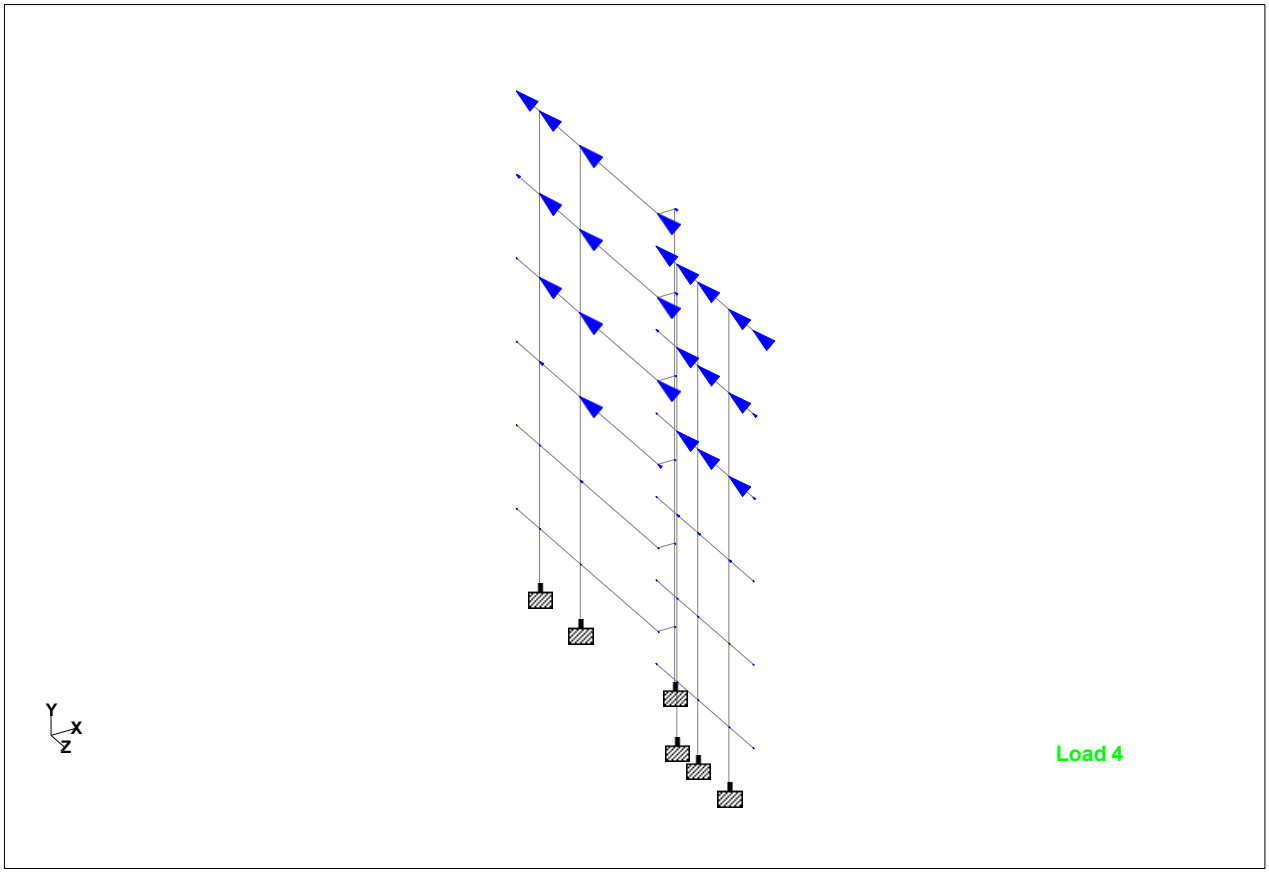
10 LL : Beam Loads Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
80	UNI lbf/ft	GY	-685.219	-	-	-	-
81	UNI lbf/ft	GY	-685.219	-	-	-	-
82	UNI lbf/ft	GY	-685.219	-	-	-	-
83	UNI lbf/ft	GY	-685.219	-	-	-	-
84	UNI lbf/ft	GY	-685.219	-	-	-	-
85	UNI lbf/ft	GY	-685.219	-	-	-	-



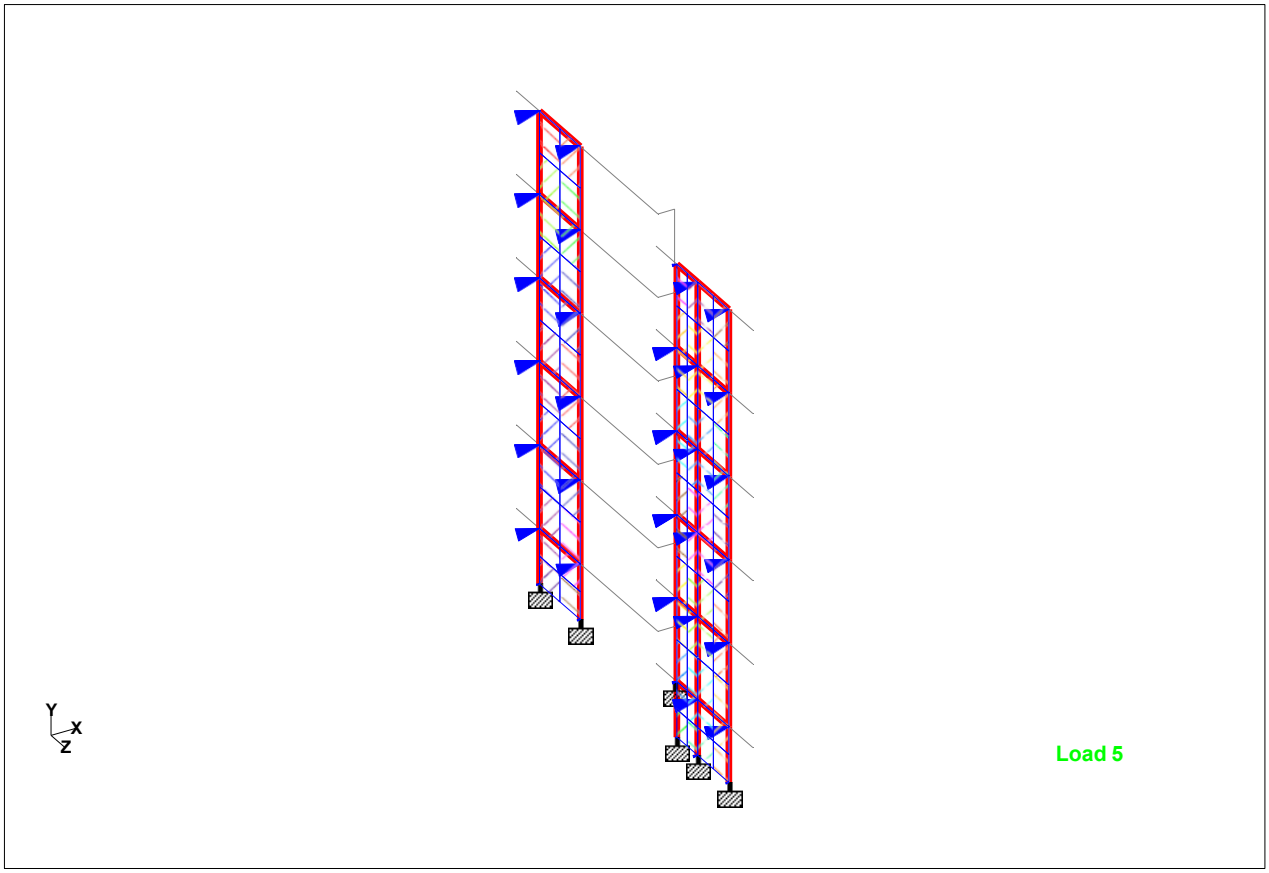
Whole Structure

Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com



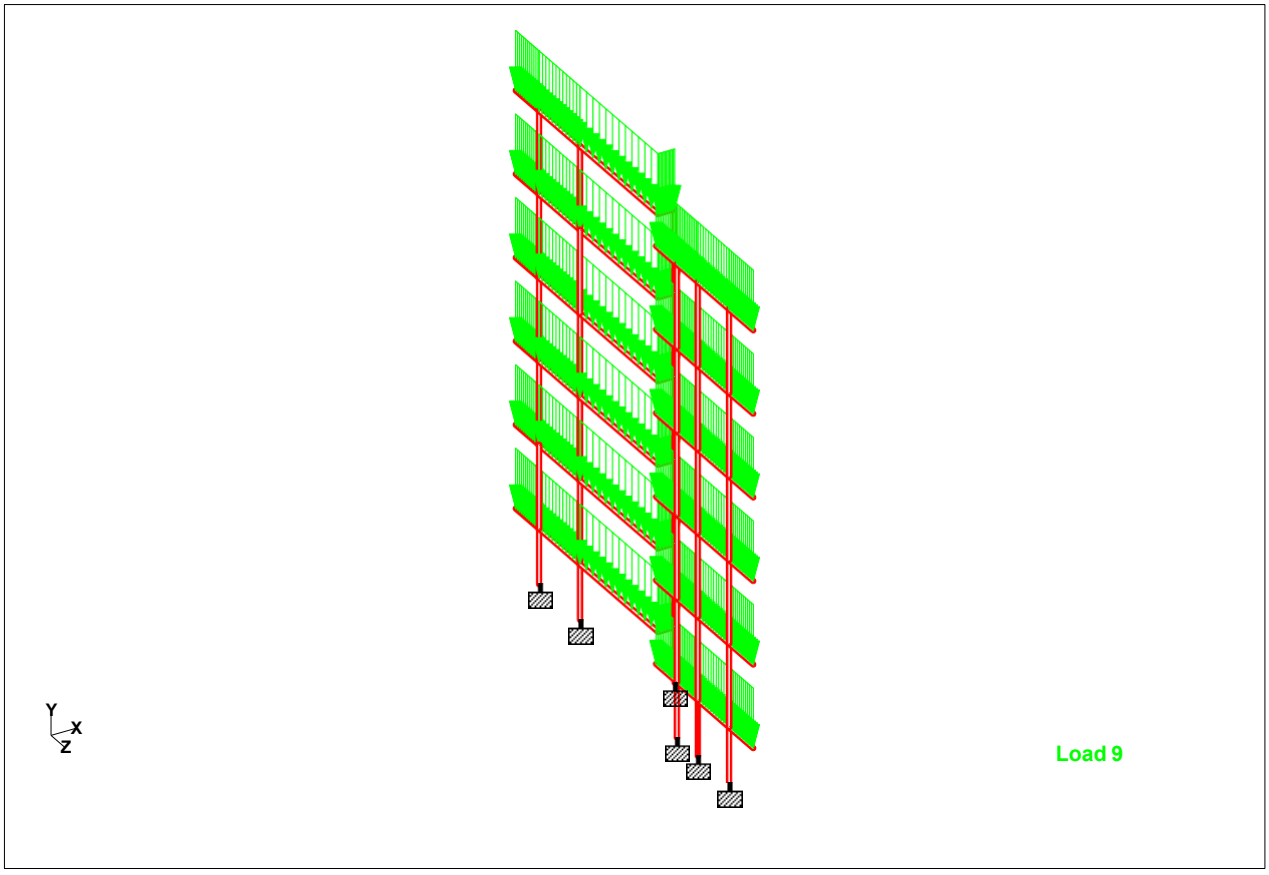
Whole Structure

Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com



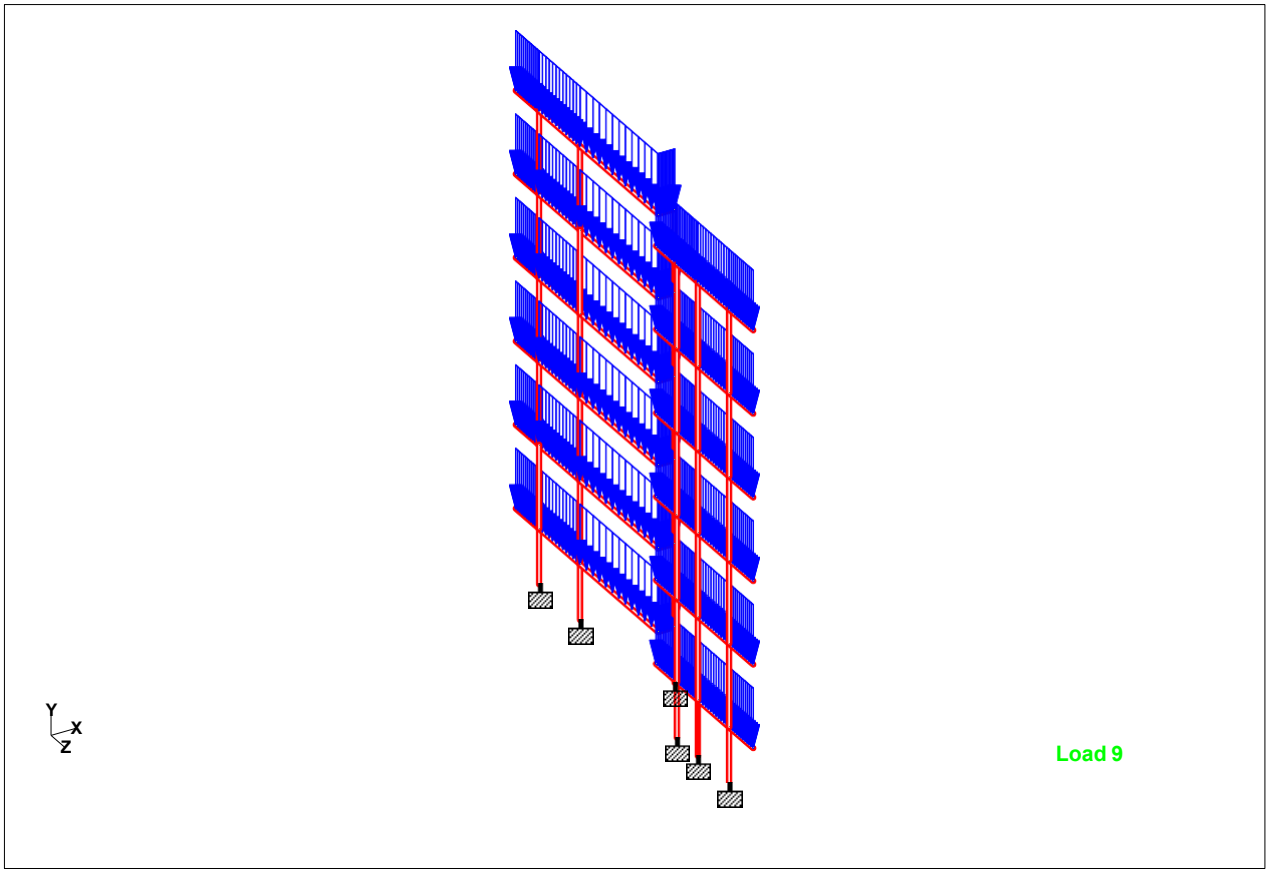
Whole Structure

Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com



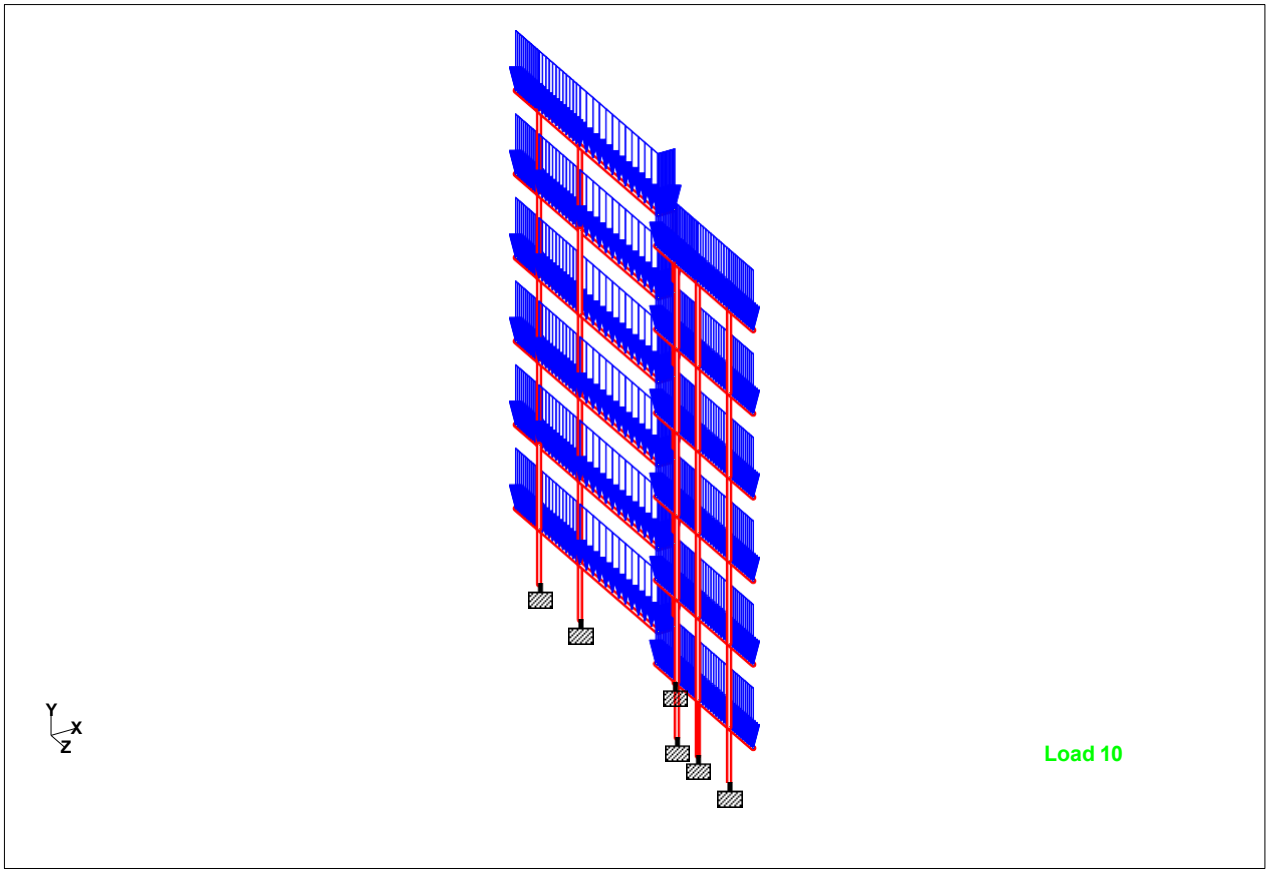
Whole Structure

Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com



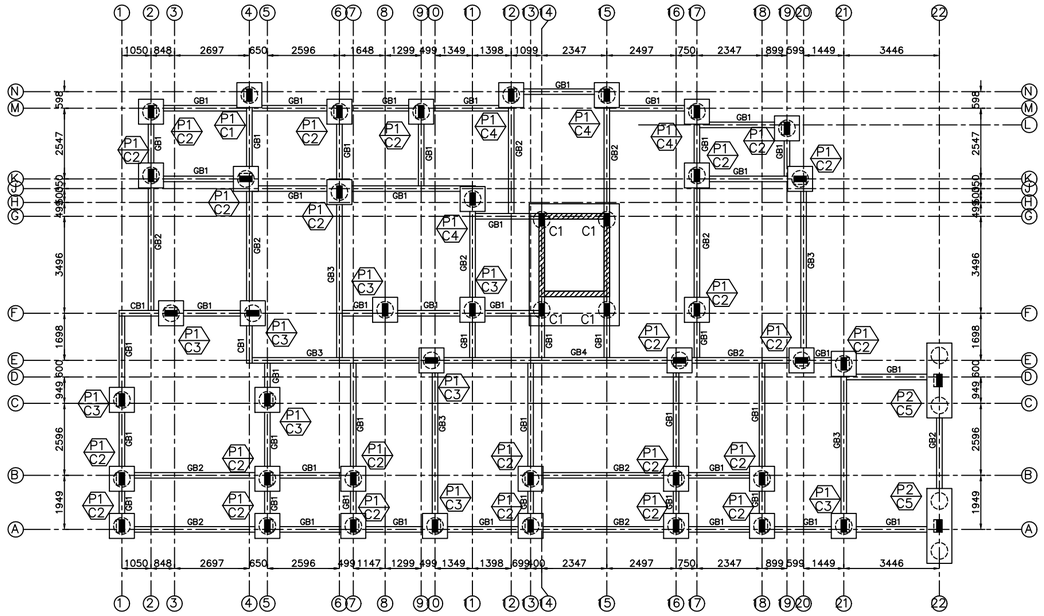
Whole Structure

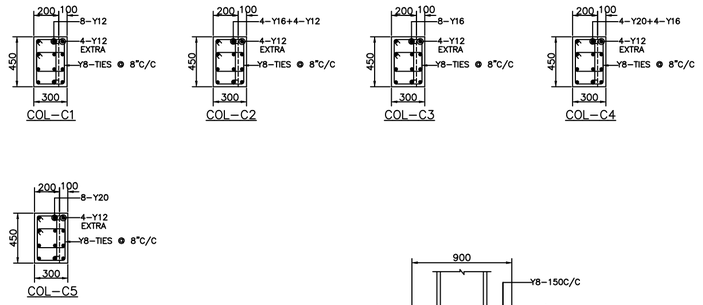
Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com

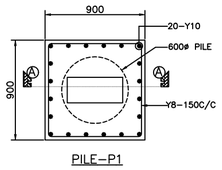


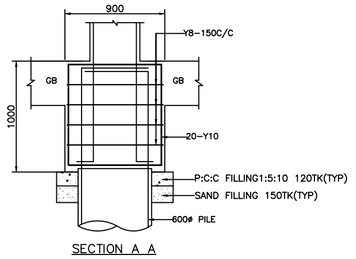
Whole Structure

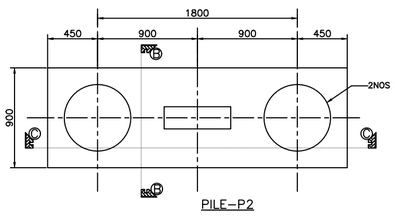
Er.SP.ASWINPALANIAPPAN, M.E.,
(Structural Engineer Grade-II (SE
CMDA Reg.No: SE/II/2024/7/0017
Reg.No:SE/GR.II/DTCP/TRICHY/JAN 2021/287
CONTACT- +91-9944248764
Email- aswinpls@gmail.com

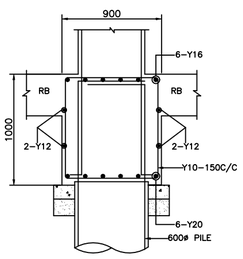


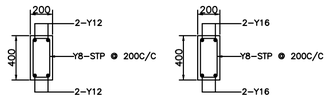


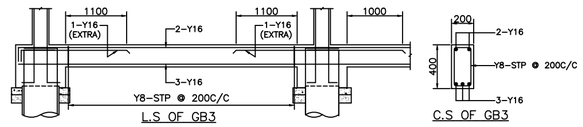


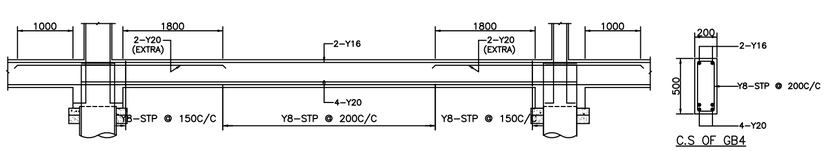


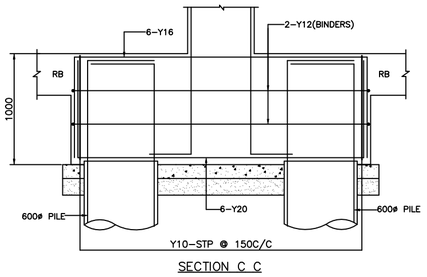


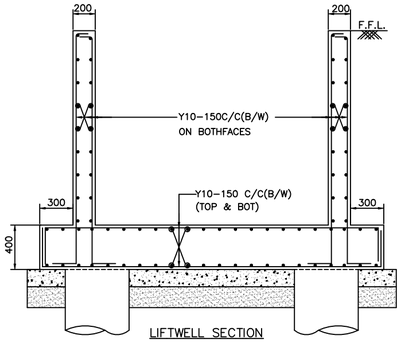


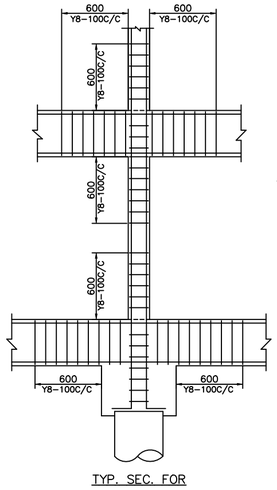


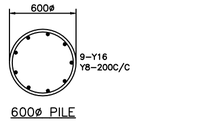


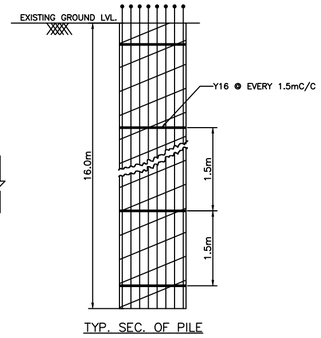












Notes:–

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. items shall be M30 for column & all other R.C.C M25 works,minimum cement content 340 kg/cu.m
3. Y Denotes TOR50 Steel confirming to I.S. 1786 – 2008. Grade – Fe 550
4. Clear cover to the main steel
   - 60 for Pile & Pile cap
   - 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 1000C/ 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 G+5 floors 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

REV.	DESCRIPTION	DATE	DRN	CHKD	APPD
00	APPROVED FOR APPROVAL	17/09/25	HARI	APLS	APLS

PROJECT TITLE

PROPOSED RESIDENTIAL BUILDING
MADISON BY DAC

CONSULTANT

M/S GDS STRUCTURAL CONSULTANT
5A, Bhavani Street,Sri devi karumari amman nagar,
Velachery, Chennai-42
Email : gdsconsultans1@gmail.com& Mobile: +91-9944248764

Er. SP.ASWINPALANIAPPAN.,M.E.,MIE.,Phd.,"(Stru)
STRUCTURAL ENGINEER GRADE-II CMDA
STRUCTURAL ENGINEER GRADE-II DTCP
PROFESSIONAL LICENSED STRUCTURAL ENGINEER IEI

CLIENT

DAC Developers
Plot No: A, Thiruvalluvar Street,
Kadaperi, Tambaram, Chennai,
Phone : +91 44 421 038 48.

TITLE

FOUNDATION LAYOUT

Checked	APLS		Plant Approval		
Drawn	HARI	17.09.25	Approved	APLS	17.09.25
BY		DATE	BY		DATE

DRAWING No. GDS_2025-2026_P1026_01 | SCALE: AS SHOWN@A1

SHEET No. 1 | REVISION 00

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.