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CHARTERED ENGINEER, CONSULTANT
CIVIL & STRUCTURAL, APPROVED VALUER,
CMDA REGN NOS: SE / GR - 1 / 19 / 03 / 24 , QA / 19 / 04 / 21.
CORPORATION OF CHENNAI , REGN NO: RSE100172019.

FLAT NO:3B, RAMANIYAM GAURAVV 2
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI –107.
MOBILE : 98412 69154

27.05.2024

CERTIFICATE

IT IS CERTIFIED THAT THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR NO.10&12, OLD DOOR NO.51&52, THIRU-VI-KA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI-600 004. COMPRISED IN OLD S.NO.2791 AND R.S.NO:1724/3 PART AS PER DOCUMENT AND R.S.NO:1724/3, 1724/30, 1724/53 AND 174/99 AS PER PATTA, BLOCK NO:36 OF MYLAPORE(PART 1)VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE: IX, DIVISION NO-121, IS DESIGNED TO RESIST EARTHQUAKE. CHECK HAS BEEN MADE AND FOUND SAFE AND I HEREBY CERTIFY THAT,

1. The minimum grade of concrete is M25.

2. The design and analysis using the code of practice for loading Standards as per IS-875 Part I to V and seismic force as per code IS 1893, is carried out.

   The building will be sound and stable when used for the purpose for which it is designed.

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BLOCK-2, MODEL SCHOOL ROAD,
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THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR NO.10&12, OLD DOOR NO.51&52, THIRU-VI-KA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI-600 004. COMPRISED IN OLD S.NO.2791 AND R.S.NO:1724/3 PART AS PER DOCUMENT AND R.S.NO:1724/3, 1724/30, 1724/53 AND 174/99 AS PER PATTA, BLOCK NO:36 OF MYLAPORE(PART 1)VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE: IX, DIVISION NO-121.

GENERAL NOTE ON STRUCTURAL DESIGN.

1.0 GENERAL.

1.1 DESIGN BASIS

Residential Building having Stilt + 5 Floors.
The design of this building is carried out based on frame analysis using STAAD PRO CONNECT EDITION.

1.2 CODES AND STANDARDS

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

1. I.S. 456 - 2000
2. I.S. 875 - Part I to V
3. I.S.1893 - Part -1: 2016.
4. I.S.13920 : 2016.

2.0 BASIC CIVIL DESIGN LOADS

2.1 DEAD LOADS & LIVE LOADS

Typical slab dead load is calculated as follows_

Residential Building

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

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3.0 SOIL DETAILS

Based on Soil Test Report Isolated Footing is adopted.

4.0 DESIGN METHODS

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

Seismic Zone III load is taken into account for the analysis. The predominant direction of vibration is horizontal. Relevant combination of forces has been taken into account. Ductile detailing of Reinforcement as per I.S.13920 - 2016 is considered.

4.1

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

4.2.1 MINIMUM COVER

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

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

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**************************************************
*                                                *
*          STAAD.Pro CONNECT Edition             *
*          Version  22.12.00.142                 *
*          Proprietary Program of                *
*          Bentley Systems, Inc.                 *
*          Date=    MAY 27, 2024                 *
*          Time=     9:23: 3                     *
*                                                *
*  Licensed to: Ramaniyam Real Estates Pvt Ltd   *
**************************************************
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     1. STAAD SPACE
INPUT FILE: F:\Ramaniyam\Ramaniyam stadd\RRE STAAD 2024\Bheemasena Garden\Bheemasena Garden SEISMIC.STD
     2. START JOB INFORMATION
     3. ENGINEER DATE 25-APR-24
     4. *PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30M HEIGHT)
     5. *RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI
     6. *RESIDENTIAL BUILDING AT NEW DOOR NO.10 & 12,OLD DOOR NO. 51& 52,THIRU-VI-KA
     7. *SECOND STREET (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI- 600 004
     8. *COMPRISED IN OLD S.NO.2791 AND R.S.NO.1724/3 PART AS PER DOCUMENT AND
     9. *R.S.NO:1724/3,1724/30,1724/53 AND 1724/99 AS PER PATTA,BLOCK NO:36 OF
    10. *MYLAPORE (PART 2) VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI
    11. *CORPORATION, ZONE:IX,DIVISION NO -121.
    12. END JOB INFORMATION
    13. INPUT WIDTH 79
    14. UNIT METER KN
    15. JOINT COORDINATES
    16. 1 23.535 0 0; 2 28.835 0 0; 3 15.715 0 0.36; 4 5.855 0 1.22; 5 9.485 0 1.22
    17. 6 13.575 0 1.22; 7 0.375 0 1.4; 8 23.535 0 5.3; 9 28.835 0 5.3
    18. 10 15.715 0 5.45; 11 9.485 0 5.63; 12 13.575 0 5.63; 13 0.375 0 6.375
    19. 14 5.855 0 6.375; 15 15.715 0 10.68; 16 22.59 0 10.68; 17 28.835 0 10.68
    20. 18 13.575 0 11.155; 19 0.375 0 11.47; 20 5.855 0 11.47; 21 11.59 0 11.47
    21. 22 13.575 0 13.735; 23 15.715 0 13.735; 24 0 0 13.735; 25 5.855 0 13.735
    22. 26 11.59 0 13.735; 27 22.59 0 13.735; 28 29.21 0 13.735; 29 11.59 0 16.24
    23. 30 15.49 0 16.24; 31 22.59 0 16.975; 32 27.29 0 16.975; 33 29.21 0 16.975
    24. 34 0 0 17.065; 35 5.855 0 17.065; 36 9.02 0 18.325; 37 11.59 0 19.58
    25. 38 15.49 0 19.58; 39 0.1 0 21.14; 40 5.66 0 22.56; 41 11.59 0 22.56
    26. 42 15.49 0 22.56; 43 22.59 0 22.56; 44 27.29 0 22.56; 45 28.935 0 22.56
    27. 46 24.15 0 25.7; 47 28.49 0 25.7; 48 17.82 0 29.22; 49 26.21 0 29.22
    28. 50 28.49 0 29.22; 51 17.82 0 36.35; 52 19.68 0 36.35; 53 26.21 0 36.35
    29. 54 28.64 0 36.35; 55 17.82 0 40.12; 56 19.68 0 40.12; 57 26.21 0 40.12
    30. 58 28.64 0 40.12; 59 23.535 2.7 0; 60 28.835 2.7 0; 61 15.715 2.7 0.36
    31. 62 5.855 2.7 1.22; 63 9.485 2.7 1.22; 64 13.575 2.7 1.22; 65 0.375 2.7 1.4
    32. 66 23.535 2.7 5.3; 67 28.835 2.7 5.3; 68 15.715 2.7 5.45; 69 9.485 2.7 5.63
    33. 70 13.575 2.7 5.63; 71 0.375 2.7 6.375; 72 5.855 2.7 6.375
    34. 73 15.715 2.7 10.68; 74 22.59 2.7 10.68; 75 28.835 2.7 10.68
    35. 76 13.575 2.7 11.155; 77 0.375 2.7 11.47; 78 5.855 2.7 11.47
    36. 79 11.59 2.7 11.47; 80 13.575 2.7 13.735; 81 15.715 2.7 13.735
    37. 82 0 2.7 13.735; 83 5.855 2.7 13.735; 84 11.59 2.7 13.735; 85 22.59 2.7 13.735
    38. 86 29.21 2.7 13.735; 87 11.59 2.7 16.24; 88 15.49 2.7 16.24
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39. 89 22.59 2.7 16.975; 90 27.29 2.7 16.975; 91 29.21 2.7 16.975; 92 0 2.7 17.065
40. 93 5.855 2.7 17.065; 94 9.02 2.7 18.325; 95 11.59 2.7 19.58
41. 96 15.49 2.7 19.58; 97 0.1 2.7 21.14; 98 5.66 2.7 22.56; 99 11.59 2.7 22.56
42. 100 15.49 2.7 22.56; 101 22.59 2.7 22.56; 102 27.29 2.7 22.56
43. 103 28.935 2.7 22.56; 104 24.15 2.7 25.7; 105 28.49 2.7 25.7
44. 106 17.82 2.7 29.22; 107 26.21 2.7 29.22; 108 28.49 2.7 29.22
45. 109 17.82 2.7 36.35; 110 19.68 2.7 36.35; 111 26.21 2.7 36.35
46. 112 28.64 2.7 36.35; 113 17.82 2.7 40.12; 114 19.68 2.7 40.12
47. 115 26.21 2.7 40.12; 116 28.64 2.7 40.12; 117 23.535 5.8 0; 118 28.835 5.8 0
48. 119 15.715 5.8 0.36; 120 5.855 5.8 1.22; 121 9.485 5.8 1.22
49. 122 13.575 5.8 1.22; 123 0.375 5.8 1.4; 124 23.535 5.8 5.3; 125 28.835 5.8 5.3
50. 126 15.715 5.8 5.45; 127 9.485 5.8 5.63; 128 13.575 5.8 5.63
51. 129 0.375 5.8 6.375; 130 5.855 5.8 6.375; 131 15.715 5.8 10.68
52. 132 22.59 5.8 10.68; 133 28.835 5.8 10.68; 134 13.575 5.8 11.155
53. 135 0.375 5.8 11.47; 136 5.855 5.8 11.47; 137 11.59 5.8 11.47
54. 138 13.575 5.8 13.735; 139 15.715 5.8 13.735; 140 0 5.8 13.735
55. 141 5.855 5.8 13.735; 142 11.59 5.8 13.735; 143 22.59 5.8 13.735
56. 144 29.21 5.8 13.735; 145 11.59 5.8 16.24; 146 15.49 5.8 16.24
57. 147 22.59 5.8 16.975; 148 27.29 5.8 16.975; 149 29.21 5.8 16.975
58. 150 0 5.8 17.065; 151 5.855 5.8 17.065; 152 9.02 5.8 18.325
59. 153 11.59 5.8 19.58; 154 15.49 5.8 19.58; 155 0.1 5.8 21.14
60. 156 5.66 5.8 22.56; 157 11.59 5.8 22.56; 158 15.49 5.8 22.56
61. 159 22.59 5.8 22.56; 160 27.29 5.8 22.56; 161 28.935 5.8 22.56
62. 162 24.15 5.8 25.7; 163 28.49 5.8 25.7; 164 17.82 5.8 29.22
63. 165 26.21 5.8 29.22; 166 28.49 5.8 29.22; 167 17.82 5.8 36.35
64. 168 19.68 5.8 36.35; 169 26.21 5.8 36.35; 170 28.64 5.8 36.35
65. 171 17.82 5.8 40.12; 172 19.68 5.8 40.12; 173 26.21 5.8 40.12
66. 174 28.64 5.8 40.12; 175 23.535 2.7 0.36; 176 15.715 2.7 1.22
67. 177 5.855 2.7 1.4; 178 0.1 2.7 17.065; 179 9.485 2.7 11.47; 180 5.855 2.7 5.63
68. 181 13.575 2.7 11.47; 182 13.575 2.7 5.45; 184 15.715 2.7 5.3
69. 185 23.535 2.7 10.68; 186 11.59 2.7 18.325; 187 11.59 2.7 17.065
70. 188 5.855 2.7 22.56; 189 5.855 2.7 18.325; 190 0.375 2.7 13.735
71. 192 0.1 2.7 22.56; 193 11.59 2.7 21.33; 194 15.49 2.7 21.33
72. 195 13.345 2.7 22.56; 196 13.345 2.7 19.58; 197 13.345 2.7 21.33
73. 198 28.835 2.7 13.735; 199 28.935 2.7 16.975; 200 17.82 2.7 22.56
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75. 204 28.49 2.7 22.56; 205 19.77 2.7 10.68; 206 19.77 2.7 5.3
76. 207 19.77 2.7 0.36; 208 19.065 2.7 13.735; 209 19.065 2.7 10.68
77. 210 15.49 2.7 16.975; 211 19.68 2.7 16.975; 212 19.68 2.7 22.56
78. 213 17.82 2.7 32.785; 214 26.21 2.7 32.785; 215 22.59 2.7 29.22
79. 216 22.59 2.7 32.785; 217 22.59 2.7 36.35; 218 28.64 2.7 32.785
80. 219 5.855 5.8 1.4; 220 4.105 5.8 11.47; 221 4.105 5.8 6.375; 222 4.105 5.8 1.4
81. 223 4.105 5.8 10.72; 224 5.855 5.8 10.72; 225 4.105 5.8 8.12
82. 226 5.855 5.8 8.12; 227 4.105 5.8 4.71; 228 4.105 5.8 2.15; 229 5.855 5.8 4.71
83. 230 5.855 5.8 2.15; 231 9.485 5.8 11.47; 232 5.855 5.8 3.07
84. 233 9.485 5.8 3.07; 234 9.485 5.8 9.8; 235 9.485 5.8 7.38; 236 13.575 5.8 7.38
85. 237 13.575 5.8 9.8; 238 13.575 5.8 11.47; 239 11.59 5.8 9.8
86. 240 10.54 5.8 7.38; 241 13 5.8 7.38; 242 10.54 5.8 5.63; 243 13 5.8 5.63
87. 244 23.535 5.8 10.68; 245 23.535 5.8 0.36; 249 23.535 5.8 3.46
88. 250 23.535 5.8 0.61; 251 25.155 5.8 10.68; 252 25.155 5.8 5.3
89. 253 25.155 5.8 0; 254 25.155 5.8 3.46; 255 25.155 5.8 0.61
90. 256 23.535 5.8 9.77; 257 23.535 5.8 7.21; 258 25.155 5.8 9.77
91. 259 25.155 5.8 7.21; 262 3.68 5.8 17.065; 263 3.68 5.8 13.735
92. 264 5.43 5.8 17.065; 265 5.43 5.8 13.735; 266 3.68 5.8 16.015
93. 267 5.43 5.8 16.015; 268 9.02 5.8 22.56; 269 0.1 5.8 22.56
94. 270 9.02 5.8 21.495; 271 11.59 5.8 21.495; 272 9.02 5.8 20.925

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95. 273 3.68 5.8 22.56; 274 3.68 5.8 20.925; 275 5.66 5.8 20.925
96. 276 11.59 5.8 18.325; 277 7.82 5.8 17.065; 278 7.82 5.8 13.735
97. 279 0.1 5.8 17.065; 280 22.645 5.8 40.12; 281 24.265 5.8 40.12
98. 282 22.645 5.8 36.35; 283 24.265 5.8 36.35; 284 26.77 5.8 40.12
99. 285 26.77 5.8 36.35; 286 28.005 5.8 29.22; 287 28.005 5.8 36.35
100. 288 17.82 5.8 34.6; 289 22.645 5.8 29.22; 290 22.645 5.8 34.6
101. 291 18.42 5.8 36.35; 292 18.42 5.8 34.6; 293 21.135 5.8 36.35
102. 294 21.135 5.8 34.6; 295 26.21 5.8 34.32; 296 28.005 5.8 34.32
103. 297 17.82 5.8 30.84; 298 22.645 5.8 30.84; 299 17.82 5.8 22.56
104. 300 17.82 5.8 25.7; 301 28.49 5.8 22.56; 302 24.15 5.8 29.22
105. 303 19.52 5.8 25.7; 304 19.52 5.8 22.56; 305 22.645 5.8 25.7
106. 306 22.645 5.8 26.82; 307 24.15 5.8 26.82; 308 28.935 5.8 16.975
107. 309 28.935 5.8 20.255; 310 22.59 5.8 20.255; 311 27.29 5.8 20.255
108. 312 27.935 5.8 22.56; 313 27.935 5.8 20.255; 314 23.225 5.8 22.56
109. 315 23.225 5.8 20.255; 316 24.65 5.8 22.56; 317 24.65 5.8 20.255
110. 319 20.99 5.8 16.975; 320 20.99 5.8 13.735; 321 20.99 5.8 22.56
111. 322 20.99 5.8 20.255; 323 15.49 5.8 18.575; 324 11.59 5.8 17.32
112. 325 20.99 5.8 18.575; 326 17.62 5.8 22.56; 327 17.62 5.8 18.575
113. 328 17.62 5.8 13.735; 329 17.62 5.8 16.24; 330 28.835 5.8 13.735
114. 332 0.375 5.8 13.735; 333 15.715 5.8 1.22; 334 24.205 5.8 16.975
115. 335 25.945 5.8 16.975; 336 24.205 5.8 13.735; 337 25.945 5.8 13.735
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123. 362 0.1 5.8 18.58; 363 3.68 5.8 18.58; 364 15.715 5.8 3.32
124. 365 19.5433 5.8 3.32; 366 16.935 5.8 3.32; 367 16.935 5.8 0.36
125. 368 16.21 5.8 3.32; 369 16.2507 5.8 5.43972; 370 19.5433 5.8 2.94
126. 371 23.535 5.8 2.94; 372 19.5433 5.8 1.27; 373 23.535 5.8 1.27
127. 374 22.645 5.8 39.52; 375 24.265 5.8 39.52; 376 23.535 8.9 0; 377 28.835 8.9 0
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130. 385 15.715 8.9 5.45; 386 9.485 8.9 5.63; 387 13.575 8.9 5.63
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133. 394 0.375 8.9 11.47; 395 5.855 8.9 11.47; 396 11.59 8.9 11.47
134. 397 13.575 8.9 13.735; 398 15.715 8.9 13.735; 399 0 8.9 13.735
135. 400 5.855 8.9 13.735; 401 11.59 8.9 13.735; 402 22.59 8.9 13.735
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137. 406 22.59 8.9 16.975; 407 27.29 8.9 16.975; 408 29.21 8.9 16.975
138. 409 0 8.9 17.065; 410 5.855 8.9 17.065; 411 9.02 8.9 18.325
139. 412 11.59 8.9 19.58; 413 15.49 8.9 19.58; 414 0.1 8.9 21.14
140. 415 5.66 8.9 22.56; 416 11.59 8.9 22.56; 417 15.49 8.9 22.56
141. 418 22.59 8.9 22.56; 419 27.29 8.9 22.56; 420 28.935 8.9 22.56
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143. 424 26.21 8.9 29.22; 425 28.49 8.9 29.22; 426 17.82 8.9 36.35
144. 427 19.68 8.9 36.35; 428 26.21 8.9 36.35; 429 28.64 8.9 36.35
145. 430 17.82 8.9 40.12; 431 19.68 8.9 40.12; 432 26.21 8.9 40.12
146. 433 28.64 8.9 40.12; 434 5.855 8.9 1.4; 435 4.105 8.9 11.47
147. 436 4.105 8.9 6.375; 437 4.105 8.9 1.4; 438 4.105 8.9 10.72
148. 439 5.855 8.9 10.72; 440 4.105 8.9 8.12; 441 5.855 8.9 8.12
149. 442 4.105 8.9 4.71; 443 4.105 8.9 2.15; 444 5.855 8.9 4.71; 445 5.855 8.9 2.15
150. 446 9.485 8.9 11.47; 447 5.855 8.9 3.07; 448 9.485 8.9 3.07; 449 9.485 8.9 9.8

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151. 450 9.485 8.9 7.38; 451 13.575 8.9 7.38; 452 13.575 8.9 9.8
152. 453 13.575 8.9 11.47; 454 11.59 8.9 9.8; 455 10.54 8.9 7.38; 456 13 8.9 7.38
153. 457 10.54 8.9 5.63; 458 13 8.9 5.63; 459 23.535 8.9 10.68; 460 23.535 8.9 0.36
154. 461 23.535 8.9 3.46; 462 23.535 8.9 0.61; 463 25.155 8.9 10.68
155. 464 25.155 8.9 5.3; 465 25.155 8.9 0; 466 25.155 8.9 3.46; 467 25.155 8.9 0.61
156. 468 23.535 8.9 9.77; 469 23.535 8.9 7.21; 470 25.155 8.9 9.77
157. 471 25.155 8.9 7.21; 472 3.68 8.9 17.065; 473 3.68 8.9 13.735
158. 474 5.43 8.9 17.065; 475 5.43 8.9 13.735; 476 3.68 8.9 16.015
159. 477 5.43 8.9 16.015; 478 9.02 8.9 22.56; 479 0.1 8.9 22.56
160. 480 9.02 8.9 21.495; 481 11.59 8.9 21.495; 482 9.02 8.9 20.925
161. 483 3.68 8.9 22.56; 484 3.68 8.9 20.925; 485 5.66 8.9 20.925
162. 486 11.59 8.9 18.325; 487 7.82 8.9 17.065; 488 7.82 8.9 13.735
163. 489 0.1 8.9 17.065; 490 22.645 8.9 40.12; 491 24.265 8.9 40.12
164. 492 22.645 8.9 36.35; 493 24.265 8.9 36.35; 494 26.77 8.9 40.12
165. 495 26.77 8.9 36.35; 496 28.005 8.9 29.22; 497 28.005 8.9 36.35
166. 498 17.82 8.9 34.6; 499 22.645 8.9 29.22; 500 22.645 8.9 34.6
167. 501 18.42 8.9 36.35; 502 18.42 8.9 34.6; 503 21.135 8.9 36.35
168. 504 21.135 8.9 34.6; 505 26.21 8.9 34.32; 506 28.005 8.9 34.32
169. 507 17.82 8.9 30.84; 508 22.645 8.9 30.84; 509 17.82 8.9 22.56
170. 510 17.82 8.9 25.7; 511 28.49 8.9 22.56; 512 24.15 8.9 29.22
171. 513 19.52 8.9 25.7; 514 19.52 8.9 22.56; 515 22.645 8.9 25.7
172. 516 22.645 8.9 26.82; 517 24.15 8.9 26.82; 518 28.935 8.9 16.975
173. 519 28.935 8.9 20.255; 520 22.59 8.9 20.255; 521 27.29 8.9 20.255
174. 522 27.935 8.9 22.56; 523 27.935 8.9 20.255; 524 23.225 8.9 22.56
175. 525 23.225 8.9 20.255; 526 24.65 8.9 22.56; 527 24.65 8.9 20.255
176. 528 20.99 8.9 16.975; 529 20.99 8.9 13.735; 530 20.99 8.9 22.56
177. 531 20.99 8.9 20.255; 532 15.49 8.9 18.575; 533 11.59 8.9 17.32
178. 534 20.99 8.9 18.575; 535 17.62 8.9 22.56; 536 17.62 8.9 18.575
179. 537 17.62 8.9 13.735; 538 17.62 8.9 16.24; 539 28.835 8.9 13.735
180. 540 0.375 8.9 13.735; 541 15.715 8.9 1.22; 542 24.205 8.9 16.975
181. 543 25.945 8.9 16.975; 544 24.205 8.9 13.735; 545 25.945 8.9 13.735
182. 546 17.82 8.9 24.72; 547 19.645 8.9 0.36; 548 19.5433 8.9 0.36
183. 549 19.5433 8.9 5.37657; 550 19.5433 8.9 10.68; 551 19.5433 8.9 8.94
184. 552 15.715 8.9 11.155; 553 15.715 8.9 8.94; 554 19.065 8.9 13.735
185. 555 19.065 8.9 10.68; 556 15.715 8.9 11.46; 557 19.065 8.9 11.46
186. 558 17.245 8.9 11.46; 559 17.245 8.9 10.68; 560 18.15 8.9 11.46
187. 561 18.15 8.9 10.68; 563 9.77 8.9 11.47; 564 9.77 8.9 13.735
188. 565 0.1 8.9 18.58; 566 3.68 8.9 18.58; 567 15.715 8.9 3.32
189. 568 19.5433 8.9 3.32; 569 16.935 8.9 3.32; 570 16.935 8.9 0.36
190. 571 16.21 8.9 3.32; 573 19.5433 8.9 2.94; 574 23.535 8.9 2.94
191. 575 19.5433 8.9 1.27; 576 23.535 8.9 1.27; 577 22.645 8.9 39.52
192. 578 24.265 8.9 39.52; 579 15.715 8.9 4.45; 580 19.5433 8.9 4.45
193. 581 16.17 8.9 4.45; 582 16.17 8.9 3.32; 583 18.62 8.9 4.45; 584 18.62 8.9 3.32
194. 585 23.535 12 0; 586 28.835 12 0; 587 15.715 12 0.36; 588 5.855 12 1.22
195. 589 9.485 12 1.22; 590 13.575 12 1.22; 591 0.375 12 1.4; 592 23.535 12 5.3
196. 593 28.835 12 5.3; 594 15.715 12 5.45; 595 9.485 12 5.63; 596 13.575 12 5.63
197. 597 0.375 12 6.375; 598 5.855 12 6.375; 599 15.715 12 10.68
198. 600 22.59 12 10.68; 601 28.835 12 10.68; 602 13.575 12 11.155
199. 603 0.375 12 11.47; 604 5.855 12 11.47; 605 11.59 12 11.47
200. 606 13.575 12 13.735; 607 15.715 12 13.735; 608 0 12 13.735
201. 609 5.855 12 13.735; 610 11.59 12 13.735; 611 22.59 12 13.735
202. 612 29.21 12 13.735; 613 11.59 12 16.24; 614 15.49 12 16.24
203. 615 22.59 12 16.975; 616 27.29 12 16.975; 617 29.21 12 16.975; 618 0 12 17.065
204. 619 5.855 12 17.065; 620 9.02 12 18.325; 621 11.59 12 19.58
205. 622 15.49 12 19.58; 623 0.1 12 21.14; 624 5.66 12 22.56; 625 11.59 12 22.56
206. 626 15.49 12 22.56; 627 22.59 12 22.56; 628 27.29 12 22.56

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

207. 629 28.935 12 22.56; 630 24.15 12 25.7; 631 28.49 12 25.7; 632 17.82 12 29.22
208. 633 26.21 12 29.22; 634 28.49 12 29.22; 635 17.82 12 36.35; 636 19.68 12 36.35
209. 637 26.21 12 36.35; 638 28.64 12 36.35; 639 17.82 12 40.12; 640 19.68 12 40.12
210. 641 26.21 12 40.12; 642 28.64 12 40.12; 643 5.855 12 1.4; 644 4.105 12 11.47
211. 645 4.105 12 6.375; 646 4.105 12 1.4; 647 4.105 12 10.72; 648 5.855 12 10.72
212. 649 4.105 12 8.12; 650 5.855 12 8.12; 651 4.105 12 4.71; 652 4.105 12 2.15
213. 653 5.855 12 4.71; 654 5.855 12 2.15; 655 9.485 12 11.47; 656 5.855 12 3.07
214. 657 9.485 12 3.07; 658 9.485 12 9.8; 659 9.485 12 7.38; 660 13.575 12 7.38
215. 661 13.575 12 9.8; 662 13.575 12 11.47; 663 11.59 12 9.8; 664 10.54 12 7.38
216. 665 13 12 7.38; 666 10.54 12 5.63; 667 13 12 5.63; 668 23.535 12 10.68
217. 669 23.535 12 0.36; 670 23.535 12 3.46; 671 23.535 12 0.61
218. 672 25.155 12 10.68; 673 25.155 12 5.3; 674 25.155 12 0; 675 25.155 12 3.46
219. 676 25.155 12 0.61; 677 23.535 12 9.77; 678 23.535 12 7.21; 679 25.155 12 9.77
220. 680 25.155 12 7.21; 681 3.68 12 17.065; 682 3.68 12 13.735; 683 5.43 12 17.065
221. 684 5.43 12 13.735; 685 3.68 12 16.015; 686 5.43 12 16.015; 687 9.02 12 22.56
222. 688 0.1 12 22.56; 689 9.02 12 21.495; 690 11.59 12 21.495; 691 9.02 12 20.925
223. 692 3.68 12 22.56; 693 3.68 12 20.925; 694 5.66 12 20.925; 695 11.59 12 18.325
224. 696 7.82 12 17.065; 697 7.82 12 13.735; 698 0.1 12 17.065; 699 22.645 12 40.12
225. 700 24.265 12 40.12; 701 22.645 12 36.35; 702 24.265 12 36.35
226. 703 26.77 12 40.12; 704 26.77 12 36.35; 705 28.005 12 29.22
227. 706 28.005 12 36.35; 707 17.82 12 34.6; 708 22.645 12 29.22
228. 709 22.645 12 34.6; 710 18.42 12 36.35; 711 18.42 12 34.6; 712 21.135 12 36.35
229. 713 21.135 12 34.6; 714 26.21 12 34.32; 715 28.005 12 34.32
230. 716 17.82 12 30.84; 717 22.645 12 30.84; 718 17.82 12 22.56; 719 17.82 12 25.7
231. 720 28.49 12 22.56; 721 24.15 12 29.22; 722 19.52 12 25.7; 723 19.52 12 22.56
232. 724 22.645 12 25.7; 725 22.645 12 26.82; 726 24.15 12 26.82
233. 727 28.935 12 16.975; 728 28.935 12 20.255; 729 22.59 12 20.255
234. 730 27.29 12 20.255; 731 27.935 12 22.56; 732 27.935 12 20.255
235. 733 23.225 12 22.56; 734 23.225 12 20.255; 735 24.65 12 22.56
236. 736 24.65 12 20.255; 737 20.99 12 16.975; 738 20.99 12 13.735
237. 739 20.99 12 22.56; 740 20.99 12 20.255; 741 15.49 12 18.575
238. 742 11.59 12 17.32; 743 20.99 12 18.575; 744 17.62 12 22.56
239. 745 17.62 12 18.575; 746 17.62 12 13.735; 747 17.62 12 16.24
240. 748 28.835 12 13.735; 749 0.375 12 13.735; 750 15.715 12 1.22
241. 751 24.205 12 16.975; 752 25.945 12 16.975; 753 24.205 12 13.735
242. 754 25.945 12 13.735; 755 17.82 12 24.72; 756 19.645 12 0.36
243. 757 19.5433 12 0.36; 758 19.5433 12 5.37657; 759 19.5433 12 10.68
244. 760 19.5433 12 8.94; 761 15.715 12 11.155; 762 15.715 12 8.94
245. 763 19.065 12 13.735; 764 19.065 12 10.68; 765 15.715 12 11.46
246. 766 19.065 12 11.46; 767 17.245 12 11.46; 768 17.245 12 10.68
247. 769 18.15 12 11.46; 770 18.15 12 10.68; 771 9.77 12 11.47; 772 9.77 12 13.735
248. 773 0.1 12 18.58; 774 3.68 12 18.58; 775 15.715 12 3.32; 776 19.5433 12 3.32
249. 777 16.935 12 3.32; 778 16.935 12 0.36; 779 16.21 12 3.32; 780 19.5433 12 2.94
250. 781 23.535 12 2.94; 782 19.5433 12 1.27; 783 23.535 12 1.27
251. 784 22.645 12 39.52; 785 24.265 12 39.52; 786 15.715 12 4.45
252. 787 19.5433 12 4.45; 788 16.17 12 4.45; 789 16.17 12 3.32; 790 18.62 12 4.45
253. 791 18.62 12 3.32; 792 23.535 15.1 0; 793 28.835 15.1 0; 794 15.715 15.1 0.36
254. 795 5.855 15.1 1.22; 796 9.485 15.1 1.22; 797 13.575 15.1 1.22
255. 798 0.375 15.1 1.4; 799 23.535 15.1 5.3; 800 28.835 15.1 5.3
256. 801 15.715 15.1 5.45; 802 9.485 15.1 5.63; 803 13.575 15.1 5.63
257. 804 0.375 15.1 6.375; 805 5.855 15.1 6.375; 806 15.715 15.1 10.68
258. 807 22.59 15.1 10.68; 808 28.835 15.1 10.68; 809 13.575 15.1 11.155
259. 810 0.375 15.1 11.47; 811 5.855 15.1 11.47; 812 11.59 15.1 11.47
260. 813 13.575 15.1 13.735; 814 15.715 15.1 13.735; 815 0 15.1 13.735
261. 816 5.855 15.1 13.735; 817 11.59 15.1 13.735; 818 22.59 15.1 13.735
262. 819 29.21 15.1 13.735; 820 11.59 15.1 16.24; 821 15.49 15.1 16.24



V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

263. 822 22.59 15.1 16.975; 823 27.29 15.1 16.975; 824 29.21 15.1 16.975
264. 825 0 15.1 17.065; 826 5.855 15.1 17.065; 827 9.02 15.1 18.325
265. 828 11.59 15.1 19.58; 829 15.49 15.1 19.58; 830 0.1 15.1 21.14
266. 831 5.66 15.1 22.56; 832 11.59 15.1 22.56; 833 15.49 15.1 22.56
267. 834 22.59 15.1 22.56; 835 27.29 15.1 22.56; 836 28.935 15.1 22.56
268. 837 24.15 15.1 25.7; 838 28.49 15.1 25.7; 839 17.82 15.1 29.22
269. 840 26.21 15.1 29.22; 841 28.49 15.1 29.22; 842 17.82 15.1 36.35
270. 843 19.68 15.1 36.35; 844 26.21 15.1 36.35; 845 28.64 15.1 36.35
271. 846 17.82 15.1 40.12; 847 19.68 15.1 40.12; 848 26.21 15.1 40.12
272. 849 28.64 15.1 40.12; 850 5.855 15.1 1.4; 851 4.105 15.1 11.47
273. 852 4.105 15.1 6.375; 853 4.105 15.1 1.4; 854 4.105 15.1 10.72
274. 855 5.855 15.1 10.72; 856 4.105 15.1 8.12; 857 5.855 15.1 8.12
275. 858 4.105 15.1 4.71; 859 4.105 15.1 2.15; 860 5.855 15.1 4.71
276. 861 5.855 15.1 2.15; 862 9.485 15.1 11.47; 863 5.855 15.1 3.07
277. 864 9.485 15.1 3.07; 865 9.485 15.1 9.8; 866 9.485 15.1 7.38
278. 867 13.575 15.1 7.38; 868 13.575 15.1 9.8; 869 13.575 15.1 11.47
279. 870 11.59 15.1 9.8; 871 10.54 15.1 7.38; 872 13 15.1 7.38; 873 10.54 15.1 5.63
280. 874 13 15.1 5.63; 875 23.535 15.1 10.68; 876 23.535 15.1 0.36
281. 877 23.535 15.1 3.46; 878 23.535 15.1 0.61; 879 25.155 15.1 10.68
282. 880 25.155 15.1 5.3; 881 25.155 15.1 0; 882 25.155 15.1 3.46
283. 883 25.155 15.1 0.61; 884 23.535 15.1 9.77; 885 23.535 15.1 7.21
284. 886 25.155 15.1 9.77; 887 25.155 15.1 7.21; 888 3.68 15.1 17.065
285. 889 3.68 15.1 13.735; 890 5.43 15.1 17.065; 891 5.43 15.1 13.735
286. 892 3.68 15.1 16.015; 893 5.43 15.1 16.015; 894 9.02 15.1 22.56
287. 895 0.1 15.1 22.56; 896 9.02 15.1 21.495; 897 11.59 15.1 21.495
288. 898 9.02 15.1 20.925; 899 3.68 15.1 22.56; 900 3.68 15.1 20.925
289. 901 5.66 15.1 20.925; 902 11.59 15.1 18.325; 903 7.82 15.1 17.065
290. 904 7.82 15.1 13.735; 905 0.1 15.1 17.065; 906 22.645 15.1 40.12
291. 907 24.265 15.1 40.12; 908 22.645 15.1 36.35; 909 24.265 15.1 36.35
292. 910 26.77 15.1 40.12; 911 26.77 15.1 36.35; 912 28.005 15.1 29.22
293. 913 28.005 15.1 36.35; 914 17.82 15.1 34.6; 915 22.645 15.1 29.22
294. 916 22.645 15.1 34.6; 917 18.42 15.1 36.35; 918 18.42 15.1 34.6
295. 919 21.135 15.1 36.35; 920 21.135 15.1 34.6; 921 26.21 15.1 34.32
296. 922 28.005 15.1 34.32; 923 17.82 15.1 30.84; 924 22.645 15.1 30.84
297. 925 17.82 15.1 22.56; 926 17.82 15.1 25.7; 927 28.49 15.1 22.56
298. 928 24.15 15.1 29.22; 929 19.52 15.1 25.7; 930 19.52 15.1 22.56
299. 931 22.645 15.1 25.7; 932 22.645 15.1 26.82; 933 24.15 15.1 26.82
300. 934 28.935 15.1 16.975; 935 28.935 15.1 20.255; 936 22.59 15.1 20.255
301. 937 27.29 15.1 20.255; 938 27.935 15.1 22.56; 939 27.935 15.1 20.255
302. 940 23.225 15.1 22.56; 941 23.225 15.1 20.255; 942 24.65 15.1 22.56
303. 943 24.65 15.1 20.255; 944 20.99 15.1 16.975; 945 20.99 15.1 13.735
304. 946 20.99 15.1 22.56; 947 20.99 15.1 20.255; 948 15.49 15.1 18.575
305. 949 11.59 15.1 17.32; 950 20.99 15.1 18.575; 951 17.62 15.1 22.56
306. 952 17.62 15.1 18.575; 953 17.62 15.1 13.735; 954 17.62 15.1 16.24
307. 955 28.835 15.1 13.735; 956 0.375 15.1 13.735; 957 15.715 15.1 1.22
308. 958 24.205 15.1 16.975; 959 25.945 15.1 16.975; 960 24.205 15.1 13.735
309. 961 25.945 15.1 13.735; 962 17.82 15.1 24.72; 963 19.645 15.1 0.36
310. 964 19.5433 15.1 0.36; 965 19.5433 15.1 5.37657; 966 19.5433 15.1 10.68
311. 967 19.5433 15.1 8.94; 968 15.715 15.1 11.155; 969 15.715 15.1 8.94
312. 970 19.065 15.1 13.735; 971 19.065 15.1 10.68; 972 15.715 15.1 11.46
313. 973 19.065 15.1 11.46; 974 17.245 15.1 11.46; 975 17.245 15.1 10.68
314. 976 18.15 15.1 11.46; 977 18.15 15.1 10.68; 978 9.77 15.1 11.47
315. 979 9.77 15.1 13.735; 980 0.1 15.1 18.58; 981 3.68 15.1 18.58
316. 982 15.715 15.1 3.32; 983 19.5433 15.1 3.32; 984 16.935 15.1 3.32
317. 985 16.935 15.1 0.36; 986 16.21 15.1 3.32; 987 19.5433 15.1 2.94
318. 988 23.535 15.1 2.94; 989 19.5433 15.1 1.27; 990 23.535 15.1 1.27



V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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319. 991 22.645 15.1 39.52; 992 24.265 15.1 39.52; 993 15.715 15.1 4.45
320. 994 19.5433 15.1 4.45; 995 16.17 15.1 4.45; 996 16.17 15.1 3.32
321. 997 18.62 15.1 4.45; 998 18.62 15.1 3.32; 999 23.535 18.2 0
322. 1000 28.835 18.2 0; 1001 15.715 18.2 0.36; 1002 5.855 18.2 1.22
323. 1003 9.485 18.2 1.22; 1004 13.575 18.2 1.22; 1005 0.375 18.2 1.4
324. 1006 23.535 18.2 5.3; 1007 28.835 18.2 5.3; 1008 15.715 18.2 5.45
325. 1009 9.485 18.2 5.63; 1010 13.575 18.2 5.63; 1011 0.375 18.2 6.375
326. 1012 5.855 18.2 6.375; 1013 15.715 18.2 10.68; 1014 22.59 18.2 10.68
327. 1015 28.835 18.2 10.68; 1016 13.575 18.2 11.155; 1017 0.375 18.2 11.47
328. 1018 5.855 18.2 11.47; 1019 11.59 18.2 11.47; 1020 13.575 18.2 13.735
329. 1021 15.715 18.2 13.735; 1022 0 18.2 13.735; 1023 5.855 18.2 13.735
330. 1024 11.59 18.2 13.735; 1025 22.59 18.2 13.735; 1026 29.21 18.2 13.735
331. 1027 11.59 18.2 16.24; 1028 15.49 18.2 16.24; 1029 22.59 18.2 16.975
332. 1030 27.29 18.2 16.975; 1031 29.21 18.2 16.975; 1032 0 18.2 17.065
333. 1033 5.855 18.2 17.065; 1034 9.02 18.2 18.325; 1035 11.59 18.2 19.58
334. 1036 15.49 18.2 19.58; 1037 0.1 18.2 21.14; 1038 5.66 18.2 22.56
335. 1039 11.59 18.2 22.56; 1040 15.49 18.2 22.56; 1041 22.59 18.2 22.56
336. 1042 27.29 18.2 22.56; 1043 28.935 18.2 22.56; 1044 24.15 18.2 25.7
337. 1045 28.49 18.2 25.7; 1046 17.82 18.2 29.22; 1047 26.21 18.2 29.22
338. 1048 28.49 18.2 29.22; 1049 17.82 18.2 36.35; 1050 19.68 18.2 36.35
339. 1051 26.21 18.2 36.35; 1052 28.64 18.2 36.35; 1053 17.82 18.2 40.12
340. 1054 19.68 18.2 40.12; 1055 26.21 18.2 40.12; 1056 28.64 18.2 40.12
341. 1057 5.855 18.2 1.4; 1058 4.105 18.2 11.47; 1059 4.105 18.2 6.375
342. 1060 4.105 18.2 1.4; 1061 4.105 18.2 10.72; 1062 5.855 18.2 10.72
343. 1063 4.105 18.2 8.12; 1064 5.855 18.2 8.12; 1065 4.105 18.2 4.71
344. 1066 4.105 18.2 2.15; 1067 5.855 18.2 4.71; 1068 5.855 18.2 2.15
345. 1069 9.485 18.2 11.47; 1070 5.855 18.2 3.07; 1071 9.485 18.2 3.07
346. 1072 9.485 18.2 9.8; 1073 9.485 18.2 7.38; 1074 13.575 18.2 7.38
347. 1075 13.575 18.2 9.8; 1076 13.575 18.2 11.47; 1077 11.59 18.2 9.8
348. 1078 10.54 18.2 7.38; 1079 13 18.2 7.38; 1080 10.54 18.2 5.63
349. 1081 13 18.2 5.63; 1082 23.535 18.2 10.68; 1083 23.535 18.2 0.36
350. 1084 23.535 18.2 3.46; 1085 23.535 18.2 0.61; 1086 25.155 18.2 10.68
351. 1087 25.155 18.2 5.3; 1088 25.155 18.2 0; 1089 25.155 18.2 3.46
352. 1090 25.155 18.2 0.61; 1091 23.535 18.2 9.77; 1092 23.535 18.2 7.21
353. 1093 25.155 18.2 9.77; 1094 25.155 18.2 7.21; 1095 3.68 18.2 17.065
354. 1096 3.68 18.2 13.735; 1097 5.43 18.2 17.065; 1098 5.43 18.2 13.735
355. 1099 3.68 18.2 16.015; 1100 5.43 18.2 16.015; 1101 9.02 18.2 22.56
356. 1102 0.1 18.2 22.56; 1103 9.02 18.2 21.495; 1104 11.59 18.2 21.495
357. 1105 9.02 18.2 20.925; 1106 3.68 18.2 22.56; 1107 3.68 18.2 20.925
358. 1108 5.66 18.2 20.925; 1109 11.59 18.2 18.325; 1110 7.82 18.2 17.065
359. 1111 7.82 18.2 13.735; 1112 0.1 18.2 17.065; 1113 22.645 18.2 40.12
360. 1114 24.265 18.2 40.12; 1115 22.645 18.2 36.35; 1116 24.265 18.2 36.35
361. 1117 26.77 18.2 40.12; 1118 26.77 18.2 36.35; 1119 28.005 18.2 29.22
362. 1120 28.005 18.2 36.35; 1121 17.82 18.2 34.6; 1122 22.645 18.2 29.22
363. 1123 22.645 18.2 34.6; 1124 18.42 18.2 36.35; 1125 18.42 18.2 34.6
364. 1126 21.135 18.2 36.35; 1127 21.135 18.2 34.6; 1128 26.21 18.2 34.32
365. 1129 28.005 18.2 34.32; 1130 17.82 18.2 30.84; 1131 22.645 18.2 30.84
366. 1132 17.82 18.2 22.56; 1133 17.82 18.2 25.7; 1134 28.49 18.2 22.56
367. 1135 24.15 18.2 29.22; 1136 19.52 18.2 25.7; 1137 19.52 18.2 22.56
368. 1138 22.645 18.2 25.7; 1139 22.645 18.2 26.82; 1140 24.15 18.2 26.82
369. 1141 28.935 18.2 16.975; 1142 28.935 18.2 20.255; 1143 22.59 18.2 20.255
370. 1144 27.29 18.2 20.255; 1145 27.935 18.2 22.56; 1146 27.935 18.2 20.255
371. 1147 23.225 18.2 22.56; 1148 23.225 18.2 20.255; 1149 24.65 18.2 22.56
372. 1150 24.65 18.2 20.255; 1151 20.99 18.2 16.975; 1152 20.99 18.2 13.735
373. 1153 20.99 18.2 22.56; 1154 20.99 18.2 20.255; 1155 15.49 18.2 18.575
374. 1156 11.59 18.2 17.32; 1157 20.99 18.2 18.575; 1158 17.62 18.2 22.56
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V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119,
MOBILE: 9841269154

375. 1159 17.62 18.2 18.575; 1160 17.62 18.2 13.735; 1161 17.62 18.2 16.24
376. 1162 28.835 18.2 13.735; 1163 0.375 18.2 13.735; 1164 15.715 18.2 1.22
377. 1165 24.205 18.2 16.975; 1166 25.945 18.2 16.975; 1167 24.205 18.2 13.735
378. 1168 25.945 18.2 13.735; 1169 17.82 18.2 24.72; 1170 19.645 18.2 0.36
379. 1171 19.5433 18.2 0.36; 1172 19.5433 18.2 5.37657; 1173 19.5433 18.2 10.68
380. 1174 19.5433 18.2 8.94; 1175 15.715 18.2 11.155; 1176 15.715 18.2 8.94
381. 1177 19.065 18.2 13.735; 1178 19.065 18.2 10.68; 1179 15.715 18.2 11.46
382. 1180 19.065 18.2 11.46; 1181 17.245 18.2 11.46; 1182 17.245 18.2 10.68
383. 1183 18.15 18.2 11.46; 1184 18.15 18.2 10.68; 1185 9.77 18.2 11.47
384. 1186 9.77 18.2 13.735; 1187 0.1 18.2 18.58; 1188 3.68 18.2 18.58
385. 1189 15.715 18.2 3.32; 1190 19.5433 18.2 3.32; 1191 16.935 18.2 3.32
386. 1192 16.935 18.2 0.36; 1193 16.21 18.2 3.32; 1194 19.5433 18.2 2.94
387. 1195 23.535 18.2 2.94; 1196 19.5433 18.2 1.27; 1197 23.535 18.2 1.27
388. 1198 22.645 18.2 39.52; 1199 24.265 18.2 39.52; 1200 15.715 18.2 4.45
389. 1201 19.5433 18.2 4.45; 1202 16.17 18.2 4.45; 1203 16.17 18.2 3.32
390. 1204 18.62 18.2 4.45; 1205 18.62 18.2 3.32; 1206 23.535 21.3 0
391. 1207 28.835 21.3 0; 1208 15.715 21.3 0.36; 1209 5.855 21.3 1.22
392. 1210 9.485 21.3 1.22; 1211 13.575 21.3 1.22; 1212 0.375 21.3 1.4
393. 1213 23.535 21.3 5.3; 1214 28.835 21.3 5.3; 1215 15.715 21.3 5.45
394. 1216 9.485 21.3 5.63; 1217 13.575 21.3 5.63; 1218 0.375 21.3 6.375
395. 1219 5.855 21.3 6.375; 1221 22.59 21.3 10.68; 1222 28.835 21.3 10.68
396. 1223 13.575 21.3 11.155; 1224 0.375 21.3 11.47; 1225 5.855 21.3 11.47
397. 1226 11.59 21.3 11.47; 1227 13.575 21.3 13.735; 1228 15.715 21.3 13.735
398. 1229 0 21.3 13.735; 1230 5.855 21.3 13.735; 1231 11.59 21.3 13.735
399. 1232 22.59 21.3 13.735; 1233 29.21 21.3 13.735; 1234 11.59 21.3 16.24
400. 1235 15.49 21.3 16.24; 1236 22.59 21.3 16.975; 1237 27.29 21.3 16.975
401. 1238 29.21 21.3 16.975; 1239 0 21.3 17.065; 1240 5.855 21.3 17.065
402. 1241 9.02 21.3 18.325; 1242 11.59 21.3 19.58; 1243 15.49 21.3 19.58
403. 1244 0.1 21.3 21.14; 1245 5.66 21.3 22.56; 1246 11.59 21.3 22.56
404. 1247 15.49 21.3 22.56; 1248 22.59 21.3 22.56; 1249 27.29 21.3 22.56
405. 1250 28.935 21.3 22.56; 1251 24.15 21.3 25.7; 1252 28.49 21.3 25.7
406. 1253 17.82 21.3 29.22; 1254 26.21 21.3 29.22; 1255 28.49 21.3 29.22
407. 1256 17.82 21.3 36.35; 1257 19.68 21.3 36.35; 1258 26.21 21.3 36.35
408. 1259 28.64 21.3 36.35; 1260 17.82 21.3 40.12; 1261 19.68 21.3 40.12
409. 1262 26.21 21.3 40.12; 1263 28.64 21.3 40.12; 1264 5.855 21.3 1.4
410. 1265 4.105 21.3 11.47; 1266 4.105 21.3 6.375; 1267 4.105 21.3 1.4
411. 1268 4.105 21.3 10.72; 1269 5.855 21.3 10.72; 1270 4.105 21.3 8.12
412. 1271 5.855 21.3 8.12; 1272 4.105 21.3 4.71; 1273 4.105 21.3 2.15
413. 1274 5.855 21.3 4.71; 1275 5.855 21.3 2.15; 1276 9.485 21.3 11.47
414. 1277 5.855 21.3 3.07; 1278 9.485 21.3 3.07; 1279 9.485 21.3 9.8
415. 1280 9.485 21.3 7.38; 1281 13.575 21.3 7.38; 1282 13.575 21.3 9.8
416. 1283 13.575 21.3 11.47; 1284 11.59 21.3 9.8; 1285 10.54 21.3 7.38
417. 1286 13 21.3 7.38; 1287 10.54 21.3 5.63; 1288 13 21.3 5.63
418. 1289 23.535 21.3 10.68; 1290 23.535 21.3 0.36; 1291 23.535 21.3 3.46
419. 1292 23.535 21.3 0.61; 1293 25.155 21.3 10.68; 1294 25.155 21.3 5.3
420. 1295 25.155 21.3 0; 1296 25.155 21.3 3.46; 1297 25.155 21.3 0.61
421. 1298 23.535 21.3 9.77; 1299 23.535 21.3 7.21; 1300 25.155 21.3 9.77
422. 1301 25.155 21.3 7.21; 1302 3.68 21.3 17.065; 1303 3.68 21.3 13.735
423. 1304 5.43 21.3 17.065; 1305 5.43 21.3 13.735; 1306 3.68 21.3 16.015
424. 1307 5.43 21.3 16.015; 1308 9.02 21.3 22.56; 1309 0.1 21.3 22.56
425. 1310 9.02 21.3 21.495; 1311 11.59 21.3 21.495; 1312 9.02 21.3 20.925
426. 1313 3.68 21.3 22.56; 1314 3.68 21.3 20.925; 1315 5.66 21.3 20.925
427. 1316 11.59 21.3 18.325; 1317 7.82 21.3 17.065; 1318 7.82 21.3 13.735
428. 1319 0.1 21.3 17.065; 1320 22.645 21.3 40.12; 1321 24.265 21.3 40.12
429. 1322 22.645 21.3 36.35; 1323 24.265 21.3 36.35; 1324 26.77 21.3 40.12
430. 1325 26.77 21.3 36.35; 1326 28.005 21.3 29.22; 1327 28.005 21.3 36.35

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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431. 1328 17.82 21.3 34.6; 1329 22.645 21.3 29.22; 1330 22.645 21.3 34.6
432. 1331 18.42 21.3 36.35; 1332 18.42 21.3 34.6; 1333 21.135 21.3 36.35
433. 1334 21.135 21.3 34.6; 1335 26.21 21.3 34.32; 1336 28.005 21.3 34.32
434. 1337 17.82 21.3 30.84; 1338 22.645 21.3 30.84; 1339 17.82 21.3 22.56
435. 1340 17.82 21.3 25.7; 1341 28.49 21.3 22.56; 1342 24.15 21.3 29.22
436. 1343 19.52 21.3 25.7; 1344 19.52 21.3 22.56; 1345 22.645 21.3 25.7
437. 1346 22.645 21.3 26.82; 1347 24.15 21.3 26.82; 1348 28.935 21.3 16.975
438. 1349 28.935 21.3 20.255; 1350 22.59 21.3 20.255; 1351 27.29 21.3 20.255
439. 1352 27.935 21.3 22.56; 1353 27.935 21.3 20.255; 1354 23.225 21.3 22.56
440. 1355 23.225 21.3 20.255; 1356 24.65 21.3 22.56; 1357 24.65 21.3 20.255
441. 1358 20.99 21.3 16.975; 1359 20.99 21.3 13.735; 1360 20.99 21.3 22.56
442. 1361 20.99 21.3 20.255; 1362 15.49 21.3 18.575; 1363 11.59 21.3 17.32
443. 1364 20.99 21.3 18.575; 1365 17.62 21.3 22.56; 1366 17.62 21.3 18.575
444. 1367 17.62 21.3 13.735; 1368 17.62 21.3 16.24; 1369 28.835 21.3 13.735
445. 1370 0.375 21.3 13.735; 1371 15.715 21.3 1.22; 1372 24.205 21.3 16.975
446. 1373 25.945 21.3 16.975; 1374 24.205 21.3 13.735; 1375 25.945 21.3 13.735
447. 1376 17.82 21.3 24.72; 1377 19.645 21.3 0.36; 1378 19.5433 21.3 0.36
448. 1379 19.5433 21.3 5.37657; 1380 19.5433 21.3 10.68; 1381 19.5433 21.3 8.94
449. 1382 15.715 21.3 11.155; 1383 15.715 21.3 8.94; 1384 19.065 21.3 13.735
450. 1385 19.065 21.3 10.68; 1386 15.715 21.3 11.46; 1387 19.065 21.3 11.46
451. 1388 17.245 21.3 11.46; 1389 17.245 21.3 10.68; 1390 18.15 21.3 11.46
452. 1391 18.15 21.3 10.68; 1392 9.77 21.3 11.47; 1393 9.77 21.3 13.735
453. 1394 0.1 21.3 18.58; 1395 3.68 21.3 18.58; 1396 15.715 21.3 3.32
454. 1397 19.5433 21.3 3.32; 1398 16.935 21.3 3.32; 1399 16.935 21.3 0.36
455. 1400 16.21 21.3 3.32; 1401 19.5433 21.3 2.94; 1402 23.535 21.3 2.94
456. 1403 19.5433 21.3 1.27; 1404 23.535 21.3 1.27; 1405 22.645 21.3 39.52
457. 1406 24.265 21.3 39.52; 1407 15.715 21.3 4.45; 1408 19.5433 21.3 4.45
458. 1409 16.17 21.3 4.45; 1410 16.17 21.3 3.32; 1411 18.62 21.3 4.45
459. 1412 18.62 21.3 3.32; 1413 15.715 21.3 10.68; 1414 13.575 24.4 11.155
460. 1415 11.59 24.4 11.47; 1416 13.575 24.4 13.735; 1417 15.715 24.4 13.735
461. 1418 11.59 24.4 13.735; 1419 11.59 24.4 16.24; 1420 15.49 24.4 16.24
462. 1421 11.59 24.4 19.58; 1422 15.49 24.4 19.58; 1423 13.575 24.4 11.47
463. 1424 11.59 24.4 18.325; 1425 15.49 24.4 18.575; 1426 11.59 24.4 17.32
464. 1428 17.62 24.4 18.575; 1429 17.62 24.4 13.735; 1430 17.62 24.4 16.24
465. 1431 15.715 24.4 11.155; 1432 15.715 24.4 11.46; 1433 17.245 24.4 11.46
466. 1434 17.245 24.4 10.68; 1439 15.715 24.4 10.68; 1440 17.62 24.4 19.58
467. 1441 17.62 24.4 11.46; 1442 17.62 24.4 10.68; 1443 11.59 24.4 14.335
468. 1444 13.575 24.4 14.335; 1446 17.62 24.4 14.335; 1447 15.49 24.4 14.335
469. 1448 15.49 24.4 13.735; 1449 9.485 22.5 1.22; 1450 13.575 22.5 1.22
470. 1451 9.485 22.5 5.63; 1452 13.575 22.5 5.63; 1453 9.485 22.5 3.07
471. 1454 10.54 22.5 5.63; 1455 13 22.5 5.63; 1456 15.49 5.8 24.72
472. 1457 15.49 8.9 24.72; 1458 15.49 12 24.72; 1459 15.49 15.1 24.72
473. 1460 15.49 18.2 24.72; 1461 15.49 21.3 24.72
474. MEMBER INCIDENCES
475. 1 1 59; 2 2 60; 3 3 61; 4 4 62; 5 5 63; 6 6 64; 7 7 65; 8 8 66; 9 9 67
476. 10 10 68; 11 11 69; 12 12 70; 13 13 71; 14 14 72; 15 15 73; 16 16 74; 17 17 75
477. 18 18 76; 19 19 77; 20 20 78; 21 21 79; 22 22 80; 23 23 81; 24 24 82; 25 25 83
478. 26 26 84; 27 27 85; 28 28 86; 29 29 87; 30 30 88; 31 31 89; 32 32 90; 33 33 91
479. 34 34 92; 35 35 93; 36 36 94; 37 37 95; 38 38 96; 39 39 97; 40 40 98; 41 41 99
480. 42 42 100; 43 43 101; 44 44 102; 45 45 103; 46 46 104; 47 47 105; 48 48 106
481. 49 49 107; 50 50 108; 51 51 109; 52 52 110; 53 53 111; 54 54 112; 55 55 113
482. 56 56 114; 57 57 115; 58 58 116; 59 59 117; 60 60 118; 61 61 119; 62 62 120
483. 63 63 121; 64 64 122; 65 65 123; 66 66 124; 67 67 125; 68 68 126; 69 69 127
484. 70 70 128; 71 71 129; 72 72 130; 73 73 131; 74 74 132; 75 75 133; 76 76 134
485. 77 77 135; 78 78 136; 79 79 137; 80 80 138; 81 81 139; 82 82 140; 83 83 141
486. 84 84 142; 85 85 143; 86 86 144; 87 87 145; 88 88 146; 89 89 147; 90 90 148
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V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, OA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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487. 91 91 149; 92 92 150; 93 93 151; 94 94 152; 95 95 153; 96 96 154; 97 97 155
488. 98 98 156; 99 99 157; 100 100 158; 101 101 159; 102 102 160; 103 103 161
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490. 110 110 168; 111 111 169; 112 112 170; 113 113 171; 114 114 172; 115 115 173
491. 116 116 174; 117 62 63; 118 63 64; 119 59 60; 120 77 71; 121 71 65; 122 68 184
492. 123 66 175; 124 75 67; 125 67 60; 126 66 67; 127 175 59; 128 61 207
493. 129 176 61; 130 64 176; 131 72 180; 132 177 62; 133 65 177; 134 71 72
494. 135 69 70; 136 82 190; 137 83 84; 138 84 80; 139 80 81; 141 73 68; 142 76 70
495. 143 80 181; 144 77 78; 145 78 179; 146 92 82; 147 92 178; 148 178 93
496. 149 97 178; 150 70 182; 151 69 63; 152 179 79; 153 179 69; 154 180 177
497. 155 180 69; 156 78 72; 157 181 76; 158 79 181; 159 182 64; 160 182 68
498. 163 184 176; 164 184 206; 165 73 209; 166 74 185; 167 185 75; 168 185 66
499. 169 98 188; 170 99 195; 171 100 200; 172 101 102; 173 102 204; 174 100 194
500. 175 96 210; 176 99 193; 177 95 186; 178 87 84; 179 186 187; 180 94 186
501. 181 87 88; 182 95 196; 183 187 87; 184 93 187; 185 93 83; 186 188 99
502. 187 188 189; 188 189 93; 189 189 94; 190 190 83; 191 190 77; 192 88 348
503. 194 192 97; 195 192 98; 196 193 95; 197 194 96; 198 195 100; 199 196 96
504. 200 195 197; 201 197 196; 202 193 197; 203 83 78; 204 84 79; 205 85 198
505. 206 81 208; 207 198 86; 208 198 75; 209 85 74; 210 101 89; 211 89 85
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521. 304 127 233; 305 232 230; 306 233 121; 307 232 233; 308 234 235; 309 235 127
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523. 316 239 237; 317 137 239; 318 240 241; 319 241 236; 320 242 243; 321 240 242
524. 322 243 128; 323 241 243; 324 133 125; 325 125 118; 326 124 252; 328 132 244
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542. 441 296 286; 442 295 296; 443 297 164; 444 298 289; 445 297 298; 446 166 163
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V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, OA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

543. 447 158 326; 448 159 314; 449 160 312; 450 299 304; 451 164 300; 453 300 338
544. 454 300 303; 455 162 163; 456 301 161; 457 163 301; 458 302 165; 459 302 307
545. 460 303 305; 461 304 321; 462 303 304; 463 305 162; 464 289 306; 465 306 305
546. 466 307 162; 467 306 307; 468 147 334; 469 148 308; 470 308 149; 471 161 309
547. 472 149 144; 473 159 310; 474 309 308; 475 310 147; 476 310 315; 477 311 313
548. 478 311 148; 479 312 301; 480 313 309; 481 312 313; 482 314 316; 483 315 317
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557. 544 134 349; 546 348 81; 547 139 353; 548 131 350; 550 131 356; 551 350 126
558. 552 350 346; 553 351 320; 554 352 345; 555 351 354; 556 353 131; 557 354 352
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560. 564 357 358; 565 359 277; 566 359 152; 567 360 137; 568 361 142; 569 361 360
561. 570 362 279; 571 363 262; 572 362 363; 573 364 333; 574 365 370; 575 364 368
562. 576 366 365; 577 367 343; 578 366 367; 579 368 366; 580 369 344; 581 370 372
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571. 630 156 415; 631 157 416; 632 158 417; 633 159 418; 634 160 419; 635 161 420
572. 636 162 421; 637 163 422; 638 164 423; 639 165 424; 640 166 425; 641 167 426
573. 642 168 427; 643 169 428; 644 170 429; 645 171 430; 646 172 431; 647 173 432
574. 648 174 433; 649 379 380; 650 380 381; 651 376 465; 652 394 388; 653 388 382
575. 654 395 439; 655 389 444; 656 434 379; 657 382 437; 658 388 436; 659 394 435
576. 660 395 446; 661 397 453; 662 393 452; 663 387 381; 664 385 579; 665 386 457
577. 666 435 395; 667 436 389; 668 435 438; 669 437 434; 670 436 442; 671 438 440
578. 672 439 441; 673 438 439; 674 440 436; 675 441 389; 676 440 441; 677 442 443
579. 678 443 437; 679 444 447; 680 442 444; 681 445 434; 682 443 445; 683 446 563
580. 684 446 449; 685 386 448; 686 447 445; 687 448 380; 688 447 448; 689 449 450
581. 690 450 386; 691 451 387; 692 450 455; 693 452 451; 694 449 454; 695 453 393
582. 696 396 453; 697 454 452; 698 396 454; 699 455 456; 700 456 451; 701 457 458
583. 702 455 457; 703 458 387; 704 456 458; 705 392 384; 706 384 377; 707 383 464
584. 708 391 459; 709 383 461; 710 459 463; 711 459 468; 712 460 376; 713 461 574
585. 714 462 460; 715 463 392; 716 464 384; 717 463 470; 718 465 377; 719 464 466
586. 720 466 467; 721 461 466; 722 467 465; 723 462 467; 724 468 469; 725 469 383
587. 726 470 471; 727 468 470; 728 471 464; 729 469 471; 730 409 399; 731 399 540
588. 732 400 488; 733 401 397; 734 397 398; 735 398 537; 736 402 544; 737 409 489
589. 738 472 474; 739 473 475; 740 472 476; 741 474 410; 742 475 400; 743 474 477
590. 744 476 473; 745 477 475; 746 476 477; 747 416 481; 748 412 486; 749 404 401
591. 750 415 478; 751 478 416; 752 478 480; 753 479 414; 754 479 483; 755 480 482
592. 756 481 412; 757 480 481; 758 482 411; 759 483 415; 760 483 484; 761 484 566
593. 762 484 485; 763 485 482; 764 415 485; 765 486 533; 766 411 486; 767 488 564
594. 768 487 488; 769 410 487; 770 489 472; 771 414 565; 773 417 413; 774 413 532
595. 775 430 431; 776 431 490; 777 432 494; 778 433 429; 779 430 426; 780 490 491
596. 781 491 432; 782 426 501; 783 427 503; 784 428 495; 785 492 493; 786 490 577
597. 787 493 428; 788 491 578; 789 494 433; 790 495 497; 791 494 495; 792 426 498
598. 794 424 496; 795 428 505; 796 496 425; 797 497 429; 798 497 506; 799 498 507

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SEIGR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

599. 800 499 512; 801 492 500; 802 500 508; 803 498 502; 804 501 427; 805 502 504
600. 806 501 502; 807 503 492; 808 504 500; 809 503 504; 810 505 424; 811 506 496
601. 812 505 506; 813 507 423; 814 508 499; 815 507 508; 816 425 422; 817 417 535
602. 818 418 524; 819 419 522; 820 509 514; 821 423 510; 822 510 546; 823 510 513
603. 824 421 422; 825 511 420; 827 512 424; 828 512 517; 829 513 515; 830 514 530
604. 831 513 514; 832 515 421; 833 499 516; 834 516 515; 835 517 421; 836 516 517
605. 837 406 542; 838 407 518; 839 518 408; 840 420 519; 841 408 403; 842 418 520
606. 843 519 518; 845 520 525; 846 521 523; 847 521 407; 848 522 511; 849 523 519
607. 850 522 523; 851 524 526; 852 525 527; 853 524 525; 854 526 419; 855 527 521
608. 856 526 527; 857 529 402; 858 528 529; 859 530 418; 860 530 531; 861 531 534
609. 862 531 520; 863 528 406; 864 532 405; 865 533 404; 866 534 528; 867 532 536
610. 868 535 509; 869 536 534; 870 535 536; 871 537 554; 872 536 538; 873 404 405
611. 874 538 537; 875 405 538; 876 412 413; 877 539 403; 879 540 473; 881 541 378
612. 883 542 543; 884 543 407; 885 544 545; 886 542 544; 887 545 539; 888 543 545
613. 889 546 509; 891 378 570; 892 547 460; 893 548 547; 896 549 580; 897 550 551
614. 898 550 391; 899 551 549; 900 393 552; 901 398 556; 902 390 553; 903 390 559
615. 904 553 385; 905 553 551; 906 554 529; 907 555 550; 908 554 557; 909 556 390
616. 910 557 555; 911 556 558; 912 558 560; 913 559 561; 914 558 559; 915 560 557
617. 916 561 555; 917 560 561; 920 563 396; 921 564 401; 922 564 563; 923 565 489
618. 924 566 472; 925 565 566; 926 567 541; 927 568 573; 928 567 582; 929 569 584
619. 930 570 548; 931 569 570; 932 571 569; 934 573 575; 935 574 576; 936 573 574
620. 937 575 548; 938 576 462; 939 575 576; 940 577 492; 941 578 493; 942 577 578
621. 943 579 567; 944 580 568; 945 579 581; 946 581 583; 947 582 571; 948 581 582
622. 949 583 580; 950 584 568; 951 583 584; 953 299 509; 954 289 499; 955 310 520
623. 956 549 344; 957 376 585; 958 377 586; 959 378 587; 960 379 588; 961 380 589
624. 962 381 590; 963 382 591; 964 383 592; 965 384 593; 966 385 594; 967 386 595
625. 968 387 596; 969 388 597; 970 389 598; 971 390 599; 972 391 600; 973 392 601
626. 974 393 602; 975 394 603; 976 395 604; 977 396 605; 978 397 606; 979 398 607
627. 980 399 608; 981 400 609; 982 401 610; 983 402 611; 984 403 612; 985 404 613
628. 986 405 614; 987 406 615; 988 407 616; 989 408 617; 990 409 618; 991 410 619
629. 992 411 620; 993 412 621; 994 413 622; 995 414 623; 996 415 624; 997 416 625
630. 998 417 626; 999 418 627; 1000 419 628; 1001 420 629; 1002 421 630
631. 1003 422 631; 1004 423 632; 1005 424 633; 1006 425 634; 1007 426 635
632. 1008 427 636; 1009 428 637; 1010 429 638; 1011 430 639; 1012 431 640
633. 1013 432 641; 1014 433 642; 1015 588 589; 1016 589 590; 1017 585 674
634. 1018 603 597; 1019 597 591; 1020 604 648; 1021 598 653; 1022 643 588
635. 1023 591 646; 1024 597 645; 1025 603 644; 1026 604 655; 1027 606 662
636. 1028 602 661; 1029 596 590; 1030 594 786; 1031 595 666; 1032 644 604
637. 1033 645 598; 1034 644 647; 1035 646 643; 1036 645 651; 1037 647 649
638. 1038 648 650; 1039 647 648; 1040 649 645; 1041 650 598; 1042 649 650
639. 1043 651 652; 1044 652 646; 1045 653 656; 1046 651 653; 1047 654 643
640. 1048 652 654; 1049 655 771; 1050 655 658; 1051 595 657; 1052 656 654
641. 1053 657 589; 1054 656 657; 1055 658 659; 1056 659 595; 1057 660 596
642. 1058 659 664; 1059 661 660; 1060 658 663; 1061 662 602; 1062 605 662
643. 1063 663 661; 1064 605 663; 1065 664 665; 1066 665 660; 1067 666 667
644. 1068 664 666; 1069 667 596; 1070 665 667; 1071 601 593; 1072 593 586
645. 1073 592 673; 1074 600 668; 1075 592 670; 1076 668 672; 1077 668 677
646. 1078 669 585; 1079 670 781; 1080 671 669; 1081 672 601; 1082 673 593
647. 1083 672 679; 1084 674 586; 1085 673 675; 1086 675 676; 1087 670 675
648. 1088 676 674; 1089 671 676; 1090 677 678; 1091 678 592; 1092 679 680
649. 1093 677 679; 1094 680 673; 1095 678 680; 1096 618 608; 1097 608 749
650. 1098 609 697; 1099 610 606; 1100 606 607; 1101 607 746; 1102 611 753
651. 1103 618 698; 1104 681 683; 1105 682 684; 1106 681 685; 1107 683 619
652. 1108 684 609; 1109 683 686; 1110 685 682; 1111 686 684; 1112 685 686
653. 1113 625 690; 1114 621 695; 1115 613 610; 1116 624 687; 1117 687 625
654. 1118 687 689; 1119 688 623; 1120 688 692; 1121 689 691; 1122 690 621

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/CR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

655. 1123 689 690; 1124 691 620; 1125 692 624; 1126 692 693; 1127 693 774
656. 1128 693 694; 1129 694 691; 1130 624 694; 1131 695 742; 1132 620 695
657. 1133 697 772; 1134 696 697; 1135 619 696; 1136 698 681; 1137 623 773
658. 1139 626 622; 1140 622 741; 1141 639 640; 1142 640 699; 1143 641 703
659. 1144 642 638; 1145 639 635; 1146 699 700; 1147 700 641; 1148 635 710
660. 1149 636 712; 1150 637 704; 1151 701 702; 1152 699 784; 1153 702 637
661. 1154 700 785; 1155 703 642; 1156 704 706; 1157 703 704; 1158 635 707
662. 1159 633 705; 1160 637 714; 1161 705 634; 1162 706 638; 1163 706 715
663. 1164 707 716; 1165 708 721; 1166 701 709; 1167 709 717; 1168 707 711
664. 1169 710 636; 1170 711 713; 1171 710 711; 1172 712 701; 1173 713 709
665. 1174 712 713; 1175 714 633; 1176 715 705; 1177 714 715; 1178 716 632
666. 1179 717 708; 1180 716 717; 1181 634 631; 1182 626 744; 1183 627 733
667. 1184 628 731; 1185 718 723; 1186 632 719; 1187 719 755; 1188 719 722
668. 1189 630 631; 1190 720 629; 1192 721 633; 1193 721 726; 1194 722 724
669. 1195 723 739; 1196 722 723; 1197 724 630; 1198 708 725; 1199 725 724
670. 1200 726 630; 1201 725 726; 1202 615 751; 1203 616 727; 1204 727 617
671. 1205 629 728; 1206 617 612; 1207 627 729; 1208 728 727; 1209 729 734
672. 1210 730 732; 1211 730 616; 1212 731 720; 1213 732 728; 1214 731 732
673. 1215 733 735; 1216 734 736; 1217 733 734; 1218 735 628; 1219 736 730
674. 1220 735 736; 1221 738 611; 1222 737 738; 1223 739 627; 1224 739 740
675. 1225 740 743; 1226 740 729; 1227 737 615; 1228 741 614; 1229 742 613
676. 1230 743 737; 1231 741 745; 1232 744 718; 1233 745 743; 1234 744 745
677. 1235 746 763; 1236 745 747; 1237 613 614; 1238 747 746; 1239 614 747
678. 1240 621 622; 1241 748 612; 1243 749 682; 1245 750 587; 1247 751 752
679. 1248 752 616; 1249 753 754; 1250 751 753; 1251 754 748; 1252 752 754
680. 1253 755 718; 1255 587 778; 1256 756 669; 1257 757 756; 1258 758 787
681. 1259 759 760; 1260 759 600; 1261 760 758; 1262 602 761; 1263 607 765
682. 1264 599 762; 1265 599 768; 1266 762 594; 1267 762 760; 1268 763 738
683. 1269 764 759; 1270 763 766; 1271 765 599; 1272 766 764; 1273 765 767
684. 1274 767 769; 1275 768 770; 1276 767 768; 1277 769 766; 1278 770 764
685. 1279 769 770; 1280 771 605; 1281 772 610; 1282 772 771; 1283 773 698
686. 1284 774 681; 1285 773 774; 1286 775 750; 1287 776 780; 1288 775 789
687. 1289 777 791; 1290 778 757; 1291 777 778; 1292 779 777; 1293 780 782
688. 1294 781 783; 1295 780 781; 1296 782 757; 1297 783 671; 1298 782 783
689. 1299 784 701; 1300 785 702; 1301 784 785; 1302 786 775; 1303 787 776
690. 1304 786 788; 1305 788 790; 1306 789 779; 1307 788 789; 1308 790 787
691. 1309 791 776; 1310 790 791; 1311 509 718; 1312 499 708; 1313 520 729
692. 1314 758 549; 1315 585 792; 1316 586 793; 1317 587 794; 1318 588 795
693. 1319 589 796; 1320 590 797; 1321 591 798; 1322 592 799; 1323 593 800
694. 1324 594 801; 1325 595 802; 1326 596 803; 1327 597 804; 1328 598 805
695. 1329 599 806; 1330 600 807; 1331 601 808; 1332 602 809; 1333 603 810
696. 1334 604 811; 1335 605 812; 1336 606 813; 1337 607 814; 1338 608 815
697. 1339 609 816; 1340 610 817; 1341 611 818; 1342 612 819; 1343 613 820
698. 1344 614 821; 1345 615 822; 1346 616 823; 1347 617 824; 1348 618 825
699. 1349 619 826; 1350 620 827; 1351 621 828; 1352 622 829; 1353 623 830
700. 1354 624 831; 1355 625 832; 1356 626 833; 1357 627 834; 1358 628 835
701. 1359 629 836; 1360 630 837; 1361 631 838; 1362 632 839; 1363 633 840
702. 1364 634 841; 1365 635 842; 1366 636 843; 1367 637 844; 1368 638 845
703. 1369 639 846; 1370 640 847; 1371 641 848; 1372 642 849; 1373 795 796
704. 1374 796 797; 1375 792 881; 1376 810 804; 1377 804 798; 1378 811 855
705. 1379 805 860; 1380 850 795; 1381 798 853; 1382 804 852; 1383 810 851
706. 1384 811 862; 1385 813 869; 1386 809 868; 1387 803 797; 1388 801 993
707. 1389 802 873; 1390 851 811; 1391 852 805; 1392 851 854; 1393 853 850
708. 1394 852 858; 1395 854 856; 1396 855 857; 1397 854 855; 1398 856 852
709. 1399 857 805; 1400 856 857; 1401 858 859; 1402 859 853; 1403 860 863
710. 1404 858 860; 1405 861 850; 1406 859 861; 1407 862 978; 1408 862 865

V. JAGEN, B.E.,M.E., (Struct)., M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

711. 1409 802 864; 1410 863 861; 1411 864 796; 1412 863 864; 1413 865 866
712. 1414 866 802; 1415 867 803; 1416 866 871; 1417 868 867; 1418 865 870
713. 1419 869 809; 1420 812 869; 1421 870 868; 1422 812 870; 1423 871 872
714. 1424 872 867; 1425 873 874; 1426 871 873; 1427 874 803; 1428 872 874
715. 1429 808 800; 1430 800 793; 1431 799 880; 1432 807 875; 1433 799 877
716. 1434 875 879; 1435 875 884; 1436 876 792; 1437 877 988; 1438 878 876
717. 1439 879 808; 1440 880 800; 1441 879 886; 1442 881 793; 1443 880 882
718. 1444 882 883; 1445 877 882; 1446 883 881; 1447 878 883; 1448 884 885
719. 1449 885 799; 1450 886 887; 1451 884 886; 1452 887 880; 1453 885 887
720. 1454 825 815; 1455 815 956; 1456 816 904; 1457 817 813; 1458 813 814
721. 1459 814 953; 1460 818 960; 1461 825 905; 1462 888 890; 1463 889 891
722. 1464 888 892; 1465 890 826; 1466 891 816; 1467 890 893; 1468 892 889
723. 1469 893 891; 1470 892 893; 1471 832 897; 1472 828 902; 1473 820 817
724. 1474 831 894; 1475 894 832; 1476 894 896; 1477 895 830; 1478 895 899
725. 1479 896 898; 1480 897 828; 1481 896 897; 1482 898 827; 1483 899 831
726. 1484 899 900; 1485 900 981; 1486 900 901; 1487 901 898; 1488 831 901
727. 1489 902 949; 1490 827 902; 1491 904 979; 1492 903 904; 1493 826 903
728. 1494 905 888; 1495 830 980; 1496 832 833; 1497 833 829; 1498 829 948
729. 1499 846 847; 1500 847 906; 1501 848 910; 1502 849 845; 1503 846 842
730. 1504 906 907; 1505 907 848; 1506 842 917; 1507 843 919; 1508 844 911
731. 1509 908 909; 1510 906 991; 1511 909 844; 1512 907 992; 1513 910 849
732. 1514 911 913; 1515 910 911; 1516 842 914; 1517 840 912; 1518 844 921
733. 1519 912 841; 1520 913 845; 1521 913 922; 1522 914 923; 1523 915 928
734. 1524 908 916; 1525 916 924; 1526 914 918; 1527 917 843; 1528 918 920
735. 1529 917 918; 1530 919 908; 1531 920 916; 1532 919 920; 1533 921 840
736. 1534 922 912; 1535 921 922; 1536 923 839; 1537 924 915; 1538 923 924
737. 1539 841 838; 1540 833 951; 1541 834 940; 1542 835 938; 1543 925 930
738. 1544 839 926; 1545 926 962; 1546 926 929; 1547 837 838; 1548 927 836
739. 1549 838 927; 1550 928 840; 1551 928 933; 1552 929 931; 1553 930 946
740. 1554 929 930; 1555 931 837; 1556 915 932; 1557 932 931; 1558 933 837
741. 1559 932 933; 1560 822 958; 1561 823 934; 1562 934 824; 1563 836 935
742. 1564 824 819; 1565 834 936; 1566 935 934; 1567 936 941; 1568 937 939
743. 1569 937 823; 1570 938 927; 1571 939 935; 1572 938 939; 1573 940 942
744. 1574 941 943; 1575 940 941; 1576 942 835; 1577 943 937; 1578 942 943
745. 1579 945 818; 1580 944 945; 1581 946 834; 1582 946 947; 1583 947 950
746. 1584 947 936; 1585 944 822; 1586 948 821; 1587 949 820; 1588 950 944
747. 1589 948 952; 1590 951 925; 1591 952 950; 1592 951 952; 1593 953 970
748. 1594 952 954; 1595 820 821; 1596 954 953; 1597 821 954; 1598 828 829
749. 1599 955 819; 1600 955 808; 1601 956 889; 1602 956 810; 1603 957 794
750. 1604 797 957; 1605 958 959; 1606 959 823; 1607 960 961; 1608 958 960
751. 1609 961 955; 1610 959 961; 1611 962 925; 1613 794 985; 1614 963 876
752. 1615 964 963; 1616 965 994; 1617 966 967; 1618 966 807; 1619 967 965
753. 1620 809 968; 1621 814 972; 1622 806 969; 1623 806 975; 1624 969 801
754. 1625 969 967; 1626 970 945; 1627 971 966; 1628 970 973; 1629 972 806
755. 1630 973 971; 1631 972 974; 1632 974 976; 1633 975 977; 1634 974 975
756. 1635 976 973; 1636 977 971; 1637 976 977; 1638 978 812; 1639 979 817
757. 1640 979 978; 1641 980 905; 1642 981 888; 1643 980 981; 1644 982 957
758. 1645 983 987; 1646 982 996; 1647 984 998; 1648 985 964; 1649 984 985
759. 1650 986 984; 1651 987 989; 1652 988 990; 1653 987 988; 1654 989 964
760. 1655 990 878; 1656 989 990; 1657 991 908; 1658 992 909; 1659 991 992
761. 1660 993 982; 1661 994 983; 1662 993 995; 1663 995 997; 1664 996 986
762. 1665 995 996; 1666 997 994; 1667 998 983; 1668 997 998; 1669 718 925
763. 1670 708 915; 1671 729 936; 1672 965 758; 1673 792 999; 1674 793 1000
764. 1675 794 1001; 1676 795 1002; 1677 796 1003; 1678 797 1004; 1679 798 1005
765. 1680 799 1006; 1681 800 1007; 1682 801 1008; 1683 802 1009; 1684 803 1010
766. 1685 804 1011; 1686 805 1012; 1687 806 1013; 1688 807 1014; 1689 808 1015

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

767. 1690 809 1016; 1691 810 1017; 1692 811 1018; 1693 812 1019; 1694 813 1020
768. 1695 814 1021; 1696 815 1022; 1697 816 1023; 1698 817 1024; 1699 818 1025
769. 1700 819 1026; 1701 820 1027; 1702 821 1028; 1703 822 1029; 1704 823 1030
770. 1705 824 1031; 1706 825 1032; 1707 826 1033; 1708 827 1034; 1709 828 1035
771. 1710 829 1036; 1711 830 1037; 1712 831 1038; 1713 832 1039; 1714 833 1040
772. 1715 834 1041; 1716 835 1042; 1717 836 1043; 1718 837 1044; 1719 838 1045
773. 1720 839 1046; 1721 840 1047; 1722 841 1048; 1723 842 1049; 1724 843 1050
774. 1725 844 1051; 1726 845 1052; 1727 846 1053; 1728 847 1054; 1729 848 1055
775. 1730 849 1056; 1731 1002 1003; 1732 1003 1004; 1733 999 1088; 1734 1017 1011
776. 1735 1011 1005; 1736 1018 1062; 1737 1012 1067; 1738 1057 1002; 1739 1005 1060
777. 1740 1011 1059; 1741 1017 1058; 1742 1018 1069; 1743 1020 1076; 1744 1016 1075
778. 1745 1010 1004; 1746 1008 1200; 1747 1009 1080; 1748 1058 1018; 1749 1059 1012
779. 1750 1058 1061; 1751 1060 1057; 1752 1059 1065; 1753 1061 1063; 1754 1062 1064
780. 1755 1061 1062; 1756 1063 1059; 1757 1064 1012; 1758 1063 1064; 1759 1065 1066
781. 1760 1066 1060; 1761 1067 1070; 1762 1065 1067; 1763 1068 1057; 1764 1066 1068
782. 1765 1069 1185; 1766 1069 1072; 1767 1009 1071; 1768 1070 1068; 1769 1071 1003
783. 1770 1070 1071; 1771 1072 1073; 1772 1073 1009; 1773 1074 1010; 1774 1073 1078
784. 1775 1075 1074; 1776 1072 1077; 1777 1076 1016; 1778 1019 1076; 1779 1077 1075
785. 1780 1019 1077; 1781 1078 1079; 1782 1079 1074; 1783 1080 1081; 1784 1078 1080
786. 1785 1081 1010; 1786 1079 1081; 1787 1015 1007; 1788 1007 1000; 1789 1006 1087
787. 1790 1014 1082; 1791 1006 1084; 1792 1082 1086; 1793 1082 1091; 1794 1083 999
788. 1795 1084 1195; 1796 1085 1083; 1797 1086 1015; 1798 1087 1007; 1799 1086 1093
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794. 1825 1097 1100; 1826 1099 1096; 1827 1100 1098; 1828 1099 1100; 1829 1039 1104
795. 1830 1035 1109; 1831 1027 1024; 1832 1038 1101; 1833 1101 1039; 1834 1101 1103
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797. 1840 1105 1034; 1841 1106 1038; 1842 1106 1107; 1843 1107 1188; 1844 1107 1108
798. 1845 1108 1105; 1846 1038 1108; 1847 1109 1156; 1848 1034 1109; 1849 1111 1186
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804. 1876 1051 1128; 1877 1119 1048; 1878 1120 1052; 1879 1120 1129; 1880 1121 1130
805. 1881 1122 1135; 1882 1115 1123; 1883 1123 1131; 1884 1121 1125; 1885 1124 1050
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807. 1891 1128 1047; 1892 1129 1119; 1893 1128 1129; 1894 1130 1046; 1895 1131 1122
808. 1896 1130 1131; 1897 1048 1045; 1898 1040 1158; 1899 1041 1147; 1900 1042 1145
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813. 1922 1031 1026; 1923 1041 1143; 1924 1142 1141; 1925 1143 1148; 1926 1144 1146
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815. 1932 1148 1150; 1933 1147 1148; 1934 1149 1042; 1935 1150 1144; 1936 1149 1150
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817. 1942 1154 1143; 1943 1151 1029; 1944 1155 1028; 1945 1156 1027; 1946 1157 1151
818. 1947 1155 1159; 1948 1158 1132; 1949 1159 1157; 1950 1158 1159; 1951 1160 1177
819. 1952 1159 1161; 1953 1027 1028; 1954 1161 1160; 1955 1028 1161; 1956 1035 1036
820. 1957 1162 1026; 1959 1163 1096; 1961 1164 1001; 1963 1165 1166; 1964 1166 1030
821. 1965 1167 1168; 1966 1165 1167; 1967 1168 1162; 1968 1166 1168; 1969 1169 1132
822. 1971 1001 1192; 1972 1170 1083; 1973 1171 1170; 1974 1172 1201; 1975 1173 1174

V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

823. 1976 1173 1014; 1977 1174 1172; 1978 1016 1175; 1979 1021 1179; 1980 1013 1176
824. 1981 1013 1182; 1982 1176 1008; 1983 1176 1174; 1984 1177 1152; 1985 1178 1173
825. 1986 1177 1180; 1987 1179 1013; 1988 1180 1178; 1989 1179 1181; 1990 1181 1183
826. 1991 1182 1184; 1992 1181 1182; 1993 1183 1180; 1994 1184 1178; 1995 1183 1184
827. 1996 1185 1019; 1997 1186 1024; 1998 1186 1185; 1999 1187 1112; 2000 1188 1095
828. 2001 1187 1188; 2002 1189 1164; 2003 1190 1194; 2004 1189 1203; 2005 1191 1205
829. 2006 1192 1171; 2007 1191 1192; 2008 1193 1191; 2009 1194 1196; 2010 1195 1197
830. 2011 1194 1195; 2012 1196 1171; 2013 1197 1085; 2014 1196 1197; 2015 1198 1115
831. 2016 1199 1116; 2017 1198 1199; 2018 1200 1189; 2019 1201 1190; 2020 1200 1202
832. 2021 1202 1204; 2022 1203 1193; 2023 1202 1203; 2024 1204 1201; 2025 1205 1190
833. 2026 1204 1205; 2027 925 1132; 2028 915 1122; 2029 936 1143; 2030 1172 965
834. 2031 999 1206; 2032 1000 1207; 2033 1001 1208; 2034 1002 1209; 2035 1003 1210
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836. 2041 1009 1216; 2042 1010 1217; 2043 1011 1218; 2044 1012 1219; 2046 1014 1221
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838. 2052 1020 1227; 2053 1021 1228; 2054 1022 1229; 2055 1023 1230; 2056 1024 1231
839. 2057 1025 1232; 2058 1026 1233; 2059 1027 1234; 2060 1028 1235; 2061 1029 1236
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842. 2072 1040 1247; 2073 1041 1248; 2074 1042 1249; 2075 1043 1250; 2076 1044 1251
843. 2077 1045 1252; 2078 1046 1253; 2079 1047 1254; 2080 1048 1255; 2081 1049 1256
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847. 2097 1212 1267; 2098 1218 1266; 2099 1224 1265; 2100 1225 1276; 2101 1227 1283
848. 2102 1223 1282; 2103 1217 1211; 2104 1215 1407; 2105 1216 1287; 2106 1265 1225
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852. 2122 1273 1275; 2123 1276 1392; 2124 1276 1279; 2125 1216 1278; 2126 1277 1275
853. 2127 1278 1210; 2128 1277 1278; 2129 1279 1280; 2130 1280 1216; 2131 1281 1217
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858. 2152 1290 1206; 2153 1291 1402; 2154 1292 1290; 2155 1293 1222; 2156 1294 1214
859. 2157 1293 1300; 2158 1295 1207; 2159 1294 1296; 2160 1296 1297; 2161 1291 1296
860. 2162 1297 1295; 2163 1292 1297; 2164 1298 1299; 2165 1299 1213; 2166 1300 1301
861. 2167 1298 1300; 2168 1301 1294; 2169 1299 1301; 2170 1239 1229; 2171 1229 1370
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866. 2192 1308 1310; 2193 1309 1244; 2194 1309 1313; 2195 1310 1312; 2196 1311 1242
867. 2197 1310 1311; 2198 1312 1241; 2199 1313 1245; 2200 1313 1314; 2201 1314 1395
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869. 2207 1318 1393; 2208 1317 1318; 2209 1240 1317; 2210 1319 1302; 2211 1244 1394
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871. 2217 1262 1324; 2218 1263 1259; 2219 1260 1256; 2220 1320 1321; 2221 1321 1262
872. 2222 1256 1331; 2223 1257 1333; 2224 1258 1325; 2225 1322 1323; 2226 1320 1405
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874. 2232 1256 1328; 2233 1254 1326; 2234 1258 1335; 2235 1326 1255; 2236 1327 1259
875. 2237 1327 1336; 2238 1328 1337; 2239 1329 1342; 2240 1322 1330; 2241 1330 1338
876. 2242 1328 1332; 2243 1331 1257; 2244 1332 1334; 2245 1331 1332; 2246 1333 1322
877. 2247 1334 1330; 2248 1333 1334; 2249 1335 1254; 2250 1336 1326; 2251 1335 1336
878. 2252 1337 1253; 2253 1338 1329; 2254 1337 1338; 2255 1255 1252; 2256 1247 1365

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
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879. 2257 1248 1354; 2258 1249 1352; 2259 1339 1344; 2260 1253 1340; 2261 1340 1376
880. 2262 1340 1343; 2263 1251 1252; 2264 1341 1250; 2265 1252 1341; 2266 1342 1254
881. 2267 1342 1347; 2268 1343 1345; 2269 1344 1360; 2270 1343 1344; 2271 1345 1251
882. 2272 1329 1346; 2273 1346 1345; 2274 1347 1251; 2275 1346 1347; 2276 1236 1372
883. 2277 1237 1348; 2278 1348 1238; 2279 1250 1349; 2280 1238 1233; 2281 1248 1350
884. 2282 1349 1348; 2283 1350 1355; 2284 1351 1353; 2285 1351 1237; 2286 1352 1341
885. 2287 1353 1349; 2288 1352 1353; 2289 1354 1356; 2290 1355 1357; 2291 1354 1355
886. 2292 1356 1249; 2293 1357 1351; 2294 1356 1357; 2295 1359 1232; 2296 1358 1359
887. 2297 1360 1248; 2298 1360 1361; 2299 1361 1364; 2300 1361 1350; 2301 1358 1236
888. 2302 1362 1235; 2303 1363 1234; 2304 1364 1358; 2305 1362 1366; 2306 1365 1339
889. 2307 1366 1364; 2308 1365 1366; 2309 1367 1384; 2310 1366 1368; 2311 1234 1235
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891. 2317 1370 1303; 2318 1370 1224; 2319 1371 1208; 2320 1211 1371; 2321 1372 1373
892. 2322 1373 1237; 2323 1374 1375; 2324 1372 1374; 2325 1375 1369; 2326 1373 1375
893. 2327 1376 1339; 2329 1208 1399; 2330 1377 1290; 2331 1378 1377; 2332 1379 1408
894. 2333 1380 1381; 2334 1380 1221; 2335 1381 1379; 2336 1223 1382; 2337 1228 1386
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903. 2381 1409 1410; 2382 1411 1408; 2383 1412 1397; 2384 1411 1412; 2385 1132 1339
904. 2386 1122 1329; 2387 1143 1350; 2388 1379 1172; 2427 1231 1226; 2434 1386 1382
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906. 2440 1227 1416; 2441 1228 1417; 2442 1231 1418; 2443 1234 1419; 2444 1235 1420
907. 2445 1242 1421; 2446 1243 1422; 2447 1416 1423; 2448 1423 1414; 2449 1415 1423
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912. 2476 1432 1431; 2477 1431 1439; 2478 1413 1439; 2479 1440 1428; 2483 1429 1441
913. 2485 1441 1442; 2486 1422 1440; 2487 1439 1434; 2488 1443 1418; 2489 1443 1444
914. 2490 1444 1447; 2491 1446 1429; 2493 1420 1447; 2494 1448 1417; 2495 1447 1448
915. 2496 1210 1449; 2497 1211 1450; 2498 1216 1451; 2499 1217 1452; 2503 1449 1450
916. 2504 1452 1450; 2505 1451 1454; 2506 1451 1453; 2507 1453 1449; 2508 1454 1455
917. 2509 1455 1452; 2510 1456 338; 2511 1456 158; 2512 1457 546; 2513 1457 417
918. 2514 1458 755; 2515 1458 626; 2516 1459 962; 2517 1459 833; 2518 1460 1169
919. 2519 1460 1040; 2520 1461 1376; 2521 1461 1247
920. START GROUP DEFINITION
921. FLOOR
922. END GROUP DEFINITION

** WARNING: NO VALID GROUPS IN GROUP DEFINITION DATA **
923. DEFINE MATERIAL START
924. ISOTROPIC CONCRETE
925. E 2.17185E+07
926. POISSON 0.17
927. DENSITY 23.5616
928. ALPHA 1E-05
929. DAMP 0.05
930. G 9.28139E+06
931. TYPE CONCRETE
932. STRENGTH FCU 27579

V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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933. END DEFINE MATERIAL
934. MEMBER PROPERTY
935. 10 42 68 100 PRIS YD 0.38 ZD 0.6
936. 8 31 43 66 89 101 PRIS YD 0.6 ZD 0.38
937. 15 73 605 971 1329 1687 2437 2478 PRIS YD 0.32 ZD 0.705
938. 1 16 27 36 59 74 85 94 591 598 606 617 621 626 633 957 964 972 983 987 992 -
939. 999 1315 1322 1330 1341 1345 1350 1357 1673 1680 1688 1699 1703 1708 1715 -
940. 2031 2038 2046 2057 2061 2066 2073 PRIS YD 0.6 ZD 0.23
941. 3 61 593 600 632 959 966 998 1317 1324 1356 1675 1682 1714 2033 2040 -
942. 2072 PRIS YD 0.23 ZD 0.6
943. 4 TO 7 11 TO 14 18 TO 20 22 TO 24 29 30 34 39 41 62 TO 65 69 TO 72 76 TO 78 -
944. 80 TO 82 87 88 92 97 99 594 TO 597 601 TO 604 608 TO 610 612 TO 614 619 620 -
945. 624 629 631 638 956 960 TO 963 967 TO 970 974 TO 976 978 TO 980 985 986 990 -
946. 995 997 1004 1314 1318 TO 1321 1325 TO 1328 1332 TO 1334 1336 TO 1338 1343 -
947. 1344 1348 1353 1355 1362 1672 1676 TO 1679 1683 TO 1686 1690 TO 1692 1694 -
948. 1695 TO 1696 1701 1702 1706 1711 1713 1720 2030 2034 TO 2037 2041 TO 2044 -
949. 2048 TO 2050 2052 TO 2054 2059 2060 2064 2069 2071 2078 2388 2438 2440 2441 -
950. 2443 2444 2496 TO 2499 PRIS YD 0.23 ZD 0.45
951. 2 9 17 21 25 26 28 32 33 35 37 38 40 44 TO 47 50 TO 58 60 67 75 79 83 84 86 -
952. 90 91 93 95 96 98 102 TO 105 108 TO 116 592 599 607 611 615 616 618 622 623 -
953. 625 627 628 630 634 TO 637 639 TO 648 953 TO 955 958 965 973 977 981 982 -
954. 984 988 989 991 993 994 996 1000 TO 1003 1005 TO 1014 1311 TO 1313 1316 -
955. 1323 1331 1335 1339 1340 1342 1346 1347 1349 1351 1352 1354 1358 TO 1361 -
956. 1363 TO 1372 1669 TO 1671 1674 1681 1689 1693 1697 1698 1700 1704 1705 1707 -
957. 1709 1710 1712 1716 TO 1719 1721 TO 1730 2027 TO 2029 2032 2039 2047 2051 -
958. 2055 2056 2058 2062 2063 2065 2067 2068 2070 2074 TO 2077 2079 TO 2088 2385 -
959. 2386 TO 2387 2439 2442 2445 2446 PRIS YD 0.45 ZD 0.23
960. 117 TO 139 141 TO 160 163 TO 192 194 TO 260 262 TO 277 279 TO 281 283 TO 301 -
961. 303 TO 326 331 341 TO 354 360 TO 364 366 369 370 372 TO 382 384 TO 398 401 -
962. 402 TO 405 407 TO 409 412 414 416 418 TO 421 427 433 TO 436 438 439 442 445 -
963. 446 448 449 455 TO 457 459 462 464 TO 472 474 476 TO 487 495 496 498 500 -
964. 501 503 TO 509 512 TO 521 533 537 539 541 TO 544 546 TO 548 551 552 -
965. 555 TO 559 561 562 564 565 568 TO 576 578 579 581 583 584 586 TO 590 649 -
966. 650 TO 659 661 TO 682 684 TO 707 711 716 TO 734 736 739 740 742 TO 752 754 -
967. 755 TO 768 771 773 TO 775 777 TO 779 782 784 786 788 TO 791 797 800 -
968. 803 TO 806 808 809 812 815 TO 820 824 825 827 828 830 831 833 TO 843 845 -
969. 846 TO 856 859 864 865 867 869 870 872 TO 877 879 881 883 TO 888 893 896 897 -
970. 899 TO 902 904 905 908 TO 912 914 915 917 921 TO 929 931 932 934 936 937 -
971. 939 TO 951 1015 TO 1025 1027 TO 1048 1050 TO 1073 1077 1082 TO 1100 1102 -
972. 1105 1106 1108 TO 1118 1120 TO 1134 1137 1139 TO 1141 1143 TO 1145 1148 -
973. 1150 1152 1154 TO 1157 1162 1165 1168 TO 1171 1173 1174 1177 1180 TO 1185 -
974. 1189 1190 1192 1193 1195 1196 1198 TO 1220 1223 1228 1229 1231 1233 1234 -
975. 1236 TO 1241 1243 1245 1247 PRIS YD 0.45 ZD 0.23
976. 1248 TO 1252 1257 TO 1259 1261 TO 1264 1266 1267 1270 2510 TO 2520 -
977. 2521 PRIS YD 0.45 ZD 0.23
978. 1271 TO 1274 1276 1277 1279 1281 TO 1289 1291 TO 1293 1295 1296 1298 TO 1310 -
979. 1373 TO 1383 1385 TO 1406 1408 TO 1431 1435 1440 TO 1458 1460 1463 1464 -
980. 1466 TO 1476 1478 TO 1492 1495 TO 1499 1501 TO 1503 1506 1508 1510 -
981. 1512 TO 1515 1520 1523 1526 TO 1529 1531 1532 1535 1538 TO 1543 -
982. 1547 TO 1551 1553 1554 1556 TO 1578 1581 1586 1587 1589 1591 1592 -
983. 1594 TO 1610 1615 TO 1617 1619 TO 1622 1624 1625 1628 TO 1632 1634 1635 -
984. 1637 1639 TO 1647 1649 TO 1651 1653 1654 1656 TO 1668 1731 TO 1741 -
985. 1743 TO 1764 1766 TO 1789 1793 1798 TO 1816 1818 1821 1822 1824 TO 1834 -
986. 1836 TO 1850 1853 1855 TO 1857 1859 TO 1861 1864 1866 1868 1870 TO 1873 -
987. 1878 1881 1884 TO 1887 1889 1890 1893 1896 TO 1901 1905 1906 1908 1909 1911 -
988. 1912 1914 TO 1936 1939 1944 1945 1947 1949 1950 1952 TO 1957 1959 1961 1963 -
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V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QAI19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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 989. 1964 TO 1968 1973 TO 1975 1977 TO 1980 1982 1983 1986 TO 1990 1992 1993 1995 -
 990. 1997 TO 2005 2007 TO 2009 2011 2012 2014 TO 2026 2089 TO 2099 2101 TO 2122 -
 991. 2124 TO 2147 2151 2156 TO 2174 2176 2179 2180 2182 TO 2192 2194 TO 2208 -
 992. 2211 TO 2215 2217 TO 2219 2222 2224 2226 2228 TO 2231 2236 2239 -
 993. 2242 TO 2245 2247 2248 2251 2254 TO 2259 2263 TO 2267 2269 2270 -
 994. 2272 TO 2294 2297 2302 2303 2305 2307 2308 2310 TO 2326 2331 TO 2333 2335 -
 995. 2336 TO 2337 2340 2341 2344 2346 TO 2348 2350 2351 2353 2355 TO 2363 2365 -
 996. 2366 PRIS YD 0.45 ZD 0.23
 997. 2367 2369 2370 2372 PRIS YD 0.45 ZD 0.23
 998. 2427 2434 TO 2436 2447 TO 2451 2453 TO 2458 2461 TO 2463 2465 TO 2469 2475 -
 999. 2476 2479 2483 2485 2488 TO 2491 2493 TO 2495 2503 TO 2508 -
1000. 2509 PRIS YD 0.45 ZD 0.23
1001. 2373 TO 2384 PRIS YD 0.45 ZD 0.23
1002. 278 302 328 330 340 365 367 368 371 383 399 400 406 410 411 413 415 417 422 -
1003. 425 428 429 431 432 437 440 441 443 444 451 453 454 460 463 488 489 -
1004. 491 TO 494 497 502 522 540 550 553 554 560 563 566 567 660 683 708 710 715 -
1005. 735 737 738 741 753 769 770 776 780 781 783 785 787 792 794 TO 796 798 799 -
1006. 801 802 807 810 811 813 814 821 TO 823 829 832 857 858 860 TO 863 866 871 -
1007. 889 898 903 906 907 913 916 920 1026 1049 1074 1076 1081 1101 1103 1104 -
1008. 1107 1119 1135 1136 1142 1146 1147 1149 1151 1153 1158 TO 1161 1163 1164 -
1009. 1166 1167 1172 1175 1176 1178 1179 1186 TO 1188 1194 1197 1221 1222 1224 -
1010. 1225 TO 1227 1230 1235 1253 1260 1265 1268 1269 1275 1278 1280 1384 1407 -
1011. 1432 1434 1439 1459 1461 1462 1465 1477 1493 1494 1500 1504 1505 1507 1509 -
1012. 1511 1516 TO 1519 1521 1522 1524 1525 1530 1533 1534 1536 1537 1544 TO 1546 -
1013. 1552 1555 1579 1580 1582 TO 1585 1588 1593 1611 1618 1623 1626 1627 1633 -
1014. 1636 1638 1742 1765 1790 1792 1797 1817 1819 1820 1823 1835 1851 1852 1858 -
1015. 1862 1863 1865 1867 1869 1874 TO 1877 1879 1880 1882 1883 1888 1891 1892 -
1016. 1894 1895 1902 TO 1904 1910 1913 1937 1938 1940 TO 1943 1946 1951 1969 1976 -
1017. 1981 1984 1985 1991 1994 1996 2100 2123 2148 2150 2155 2175 2177 2178 2181 -
1018. 2193 2209 2210 2216 2220 2221 2223 2225 2227 2232 TO 2235 2237 2238 2240 -
1019. 2241 2246 2249 2250 2252 PRIS YD 0.6 ZD 0.23
1020. 2253 2260 TO 2262 2268 2271 2295 2296 2298 TO 2301 2304 2309 2327 2334 2342 -
1021. 2343 2349 2352 2354 2452 2464 2470 2477 2486 2487 PRIS YD 0.6 ZD 0.23
1022. 423 430 447 450 458 461 473 475 490 499 534 535 580 868 1232 1590 1948 -
1023. 2306 PRIS YD 0.8 ZD 0.6
1024. 329 332 338 339 424 426 582 585 PRIS YD 0.8 ZD 0.3
1025. 526 528 577 709 712 TO 714 891 892 930 935 938 1075 1078 TO 1080 1255 1256 -
1026. 1290 1294 1297 1433 1436 TO 1438 1613 1614 1648 1652 1655 1791 1794 TO 1796 -
1027. 1971 1972 2006 2010 2013 2149 2152 TO 2154 2329 2330 2364 2368 -
1028. 2371 PRIS YD 0.75 ZD 0.23
1029. 48 49 106 107 PRIS YD 0.45 ZD 0.45
1030. CONSTANTS
1031. MATERIAL CONCRETE ALL
1032. SUPPORTS
1033. 1 TO 58 FIXED
1034. CUT OFF MODE SHAPE 25
1035. DEFINE REFERENCE LOADS
1036. LOAD R1 LOADTYPE MASS  TITLE REF MASS MODEL
1037. MEMBER LOAD
1038. 200 TO 202 273 276 284 286 289 TO 291 293 TO 296 298 299 303 304 308 309 311 -
1039. 313 316 TO 318 320 321 326 329 338 341 344 TO 346 349 TO 351 353 354 368 -
1040. 370 371 373 TO 376 388 390 TO 392 396 398 TO 400 413 TO 415 417 420 421 425 -
1041. 430 432 434 435 437 TO 439 444 445 458 459 464 468 481 483 486 487 489 491 -
1042. 492 TO 494 497 500 516 517 519 521 534 537 539 541 552 558 559 561 562 564 -
1043. 571 572 574 TO 576 578 TO 580 587 588 655 658 665 667 670 TO 672 674 TO 677 -
1044. 679 680 684 685 689 690 692 694 697 TO 699 701 702 707 709 713 716 -
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V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, OA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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1045. 719 TO 721 724 TO 726 728 729 738 740 741 743 TO 746 757 758 760 TO 762 766 -
1046. 768 TO 770 783 TO 785 787 790 791 795 800 TO 802 804 805 807 TO 809 814 815 -
1047. 827 828 833 837 852 855 856 858 860 TO 863 866 869 883 884 886 888 896 897 -
1048. 899 905 924 925 929 931 932 940 941 944 946 949 TO 951 1021 1024 1031 1033 -
1049. 1036 TO 1038 1040 TO 1043 1045 1046 1050 1051 1055 1056 1058 1060 -
1050. 1063 TO 1065 1067 1068 1073 1075 1079 1082 1085 TO 1087 1090 TO 1092 1094 -
1051. 1095 1104 1106 1107 1109 TO 1112 1123 1124 1126 TO 1128 1132 1134 TO 1136 -
1052. 1149 TO 1151 1153 1156 1157 1160 1165 TO 1167 1169 1170 1172 TO 1174 1179 -
1053. 1180 1192 1193 1198 1202 1216 1219 1220 UNI GX 5
1054. 200 TO 202 273 276 284 286 289 TO 291 293 TO 296 298 299 303 304 308 309 311 -
1055. 313 316 TO 318 320 321 326 329 338 341 344 TO 346 349 TO 351 353 354 368 -
1056. 370 371 373 TO 376 388 390 TO 392 396 398 TO 400 413 TO 415 417 420 421 425 -
1057. 430 432 434 435 437 TO 439 444 445 458 459 464 468 481 483 486 487 489 491 -
1058. 492 TO 494 497 500 516 517 519 521 534 537 539 541 552 558 559 561 562 564 -
1059. 571 572 574 TO 576 578 TO 580 587 588 655 658 665 667 670 TO 672 674 TO 677 -
1060. 679 680 684 685 689 690 692 694 697 TO 699 701 702 707 709 713 716 -
1061. 719 TO 721 724 TO 726 728 729 738 740 741 743 TO 746 757 758 760 TO 762 766 -
1062. 768 TO 770 783 TO 785 787 790 791 795 800 TO 802 804 805 807 TO 809 814 815 -
1063. 827 828 833 837 852 855 856 858 860 TO 863 866 869 883 884 886 888 896 897 -
1064. 899 905 924 925 929 931 932 940 941 944 946 949 TO 951 1021 1024 1031 1033 -
1065. 1036 TO 1038 1040 TO 1043 1045 1046 1050 1051 1055 1056 1058 1060 -
1066. 1063 TO 1065 1067 1068 1073 1075 1079 1082 1085 TO 1087 1090 TO 1092 1094 -
1067. 1095 1104 1106 1107 1109 TO 1112 1123 1124 1126 TO 1128 1132 1134 TO 1136 -
1068. 1149 TO 1151 1153 1156 1157 1160 1165 TO 1167 1169 1170 1172 TO 1174 1179 -
1069. 1180 1192 1193 1198 1202 1216 1219 1220 UNI GY 5
1070. 200 TO 202 273 276 284 286 289 TO 291 293 TO 296 298 299 303 304 308 309 311 -
1071. 313 316 TO 318 320 321 326 329 338 341 344 TO 346 349 TO 351 353 354 368 -
1072. 370 371 373 TO 376 388 390 TO 392 396 398 TO 400 413 TO 415 417 420 421 425 -
1073. 430 432 434 435 437 TO 439 444 445 458 459 464 468 481 483 486 487 489 491 -
1074. 492 TO 494 497 500 516 517 519 521 534 537 539 541 552 558 559 561 562 564 -
1075. 571 572 574 TO 576 578 TO 580 587 588 655 658 665 667 670 TO 672 674 TO 677 -
1076. 679 680 684 685 689 690 692 694 697 TO 699 701 702 707 709 713 716 -
1077. 719 TO 721 724 TO 726 728 729 738 740 741 743 TO 746 757 758 760 TO 762 766 -
1078. 768 TO 770 783 TO 785 787 790 791 795 800 TO 802 804 805 807 TO 809 814 815 -
1079. 827 828 833 837 852 855 856 858 860 TO 863 866 869 883 884 886 888 896 897 -
1080. 899 905 924 925 929 931 932 940 941 944 946 949 TO 951 1021 1024 1031 1033 -
1081. 1036 TO 1038 1040 TO 1043 1045 1046 1050 1051 1055 1056 1058 1060 -
1082. 1063 TO 1065 1067 1068 1073 1075 1079 1082 1085 TO 1087 1090 TO 1092 1094 -
1083. 1095 1104 1106 1107 1109 TO 1112 1123 1124 1126 TO 1128 1132 1134 TO 1136 -
1084. 1149 TO 1151 1153 1156 1157 1160 1165 TO 1167 1169 1170 1172 TO 1174 1179 -
1085. 1180 1192 1193 1198 1202 1216 1219 1220 UNI GZ 5
1086. MEMBER LOAD
1087. 1222 1224 TO 1227 1230 1233 1247 1248 1250 1252 1258 1259 1261 1267 1284 -
1088. 1285 1289 1291 1292 1299 1300 1303 1305 1308 TO 1310 1379 1382 1389 1391 -
1089. 1394 TO 1396 1398 TO 1401 1403 1404 1408 1409 1413 1414 1416 1418 -
1090. 1421 TO 1423 1425 1426 1431 1433 1437 1440 1443 TO 1445 1448 TO 1450 1452 -
1091. 1453 1462 1464 1465 1467 TO 1470 1481 1482 1484 TO 1486 1490 1492 TO 1494 -
1092. 1507 TO 1509 1511 1514 1515 1518 1523 TO 1525 1527 1528 1530 TO 1532 1537 -
1093. 1538 1550 1551 1556 1560 1574 1577 1578 1580 1582 TO 1585 1588 1591 1605 -
1094. 1606 1608 1610 1616 1617 1619 1625 1642 1643 1647 1649 1650 1657 1658 1661 -
1095. 1663 1666 TO 1668 1737 1740 1747 1749 1752 TO 1754 1756 TO 1759 1761 1762 -
1096. 1766 1767 1771 1772 1774 1776 1779 TO 1781 1783 1784 1789 1791 1795 1798 -
1097. 1801 TO 1803 1806 TO 1808 1810 1811 1820 1822 1823 1825 TO 1828 1839 1840 -
1098. 1842 TO 1844 1848 1850 TO 1852 1865 TO 1867 1869 1872 1873 1876 -
1099. 1881 TO 1883 1885 1886 1888 TO 1890 1895 1896 1908 1909 1914 1918 1932 1935 -
1100. 1936 1938 1940 TO 1943 1946 1949 1963 1964 1966 1968 1974 1975 1977 1983 -
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V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, OA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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1101. 2000 2001 2005 2007 2008 2015 2016 2019 2021 2024 TO 2026 UNI GX 5
1102. 1222 1224 TO 1227 1230 1233 1247 1248 1250 1252 1258 1259 1261 1267 1284 -
1103. 1285 1289 1291 1292 1299 1300 1303 1305 1308 TO 1310 1379 1382 1389 1391 -
1104. 1394 TO 1396 1398 TO 1401 1403 1404 1408 1409 1413 1414 1416 1418 -
1105. 1421 TO 1423 1425 1426 1431 1433 1437 1440 1443 TO 1445 1448 TO 1450 1452 -
1106. 1453 1462 1464 1465 1467 TO 1470 1481 1482 1484 TO 1486 1490 1492 TO 1494 -
1107. 1507 TO 1509 1511 1514 1515 1518 1523 TO 1525 1527 1528 1530 TO 1532 1537 -
1108. 1538 1550 1551 1556 1560 1574 1577 1578 1580 1582 TO 1585 1588 1591 1605 -
1109. 1606 1608 1610 1616 1617 1619 1625 1642 1643 1647 1649 1650 1657 1658 1661 -
1110. 1663 1666 TO 1668 1737 1740 1747 1749 1752 TO 1754 1756 TO 1759 1761 1762 -
1111. 1766 1767 1771 1772 1774 1776 1779 TO 1781 1783 1784 1789 1791 1795 1798 -
1112. 1801 TO 1803 1806 TO 1808 1810 1811 1820 1822 1823 1825 TO 1828 1839 1840 -
1113. 1842 TO 1844 1848 1850 TO 1852 1865 TO 1867 1869 1872 1873 1876 -
1114. 1881 TO 1883 1885 1886 1888 TO 1890 1895 1896 1908 1909 1914 1918 1932 1935 -
1115. 1936 1938 1940 TO 1943 1946 1949 1963 1964 1966 1968 1974 1975 1977 1983 -
1116. 2000 2001 2005 2007 2008 2015 2016 2019 2021 2024 TO 2026 UNI GY 5
1117. 1222 1224 TO 1227 1230 1233 1247 1248 1250 1252 1258 1259 1261 1267 1284 -
1118. 1285 1289 1291 1292 1299 1300 1303 1305 1308 TO 1310 1379 1382 1389 1391 -
1119. 1394 TO 1396 1398 TO 1401 1403 1404 1408 1409 1413 1414 1416 1418 -
1120. 1421 TO 1423 1425 1426 1431 1433 1437 1440 1443 TO 1445 1448 TO 1450 1452 -
1121. 1453 1462 1464 1465 1467 TO 1470 1481 1482 1484 TO 1486 1490 1492 TO 1494 -
1122. 1507 TO 1509 1511 1514 1515 1518 1523 TO 1525 1527 1528 1530 TO 1532 1537 -
1123. 1538 1550 1551 1556 1560 1574 1577 1578 1580 1582 TO 1585 1588 1591 1605 -
1124. 1606 1608 1610 1616 1617 1619 1625 1642 1643 1647 1649 1650 1657 1658 1661 -
1125. 1663 1666 TO 1668 1737 1740 1747 1749 1752 TO 1754 1756 TO 1759 1761 1762 -
1126. 1766 1767 1771 1772 1774 1776 1779 TO 1781 1783 1784 1789 1791 1795 1798 -
1127. 1801 TO 1803 1806 TO 1808 1810 1811 1820 1822 1823 1825 TO 1828 1839 1840 -
1128. 1842 TO 1844 1848 1850 TO 1852 1865 TO 1867 1869 1872 1873 1876 -
1129. 1881 TO 1883 1885 1886 1888 TO 1890 1895 1896 1908 1909 1914 1918 1932 1935 -
1130. 1936 1938 1940 TO 1943 1946 1949 1963 1964 1966 1968 1974 1975 1977 1983 -
1131. 2000 2001 2005 2007 2008 2015 2016 2019 2021 2024 TO 2026 UNI GZ 5
1132. MEMBER LOAD
1133. 170 174 176 180 181 186 187 189 196 TO 198 268 270 TO 272 274 275 277 278 -
1134. 280 281 283 287 292 297 300 TO 302 305 TO 307 312 315 319 322 TO 325 328 -
1135. 331 332 339 340 342 343 347 348 352 360 TO 362 366 367 369 372 377 -
1136. 381 TO 386 389 393 394 397 401 405 TO 409 411 412 416 418 419 424 -
1137. 426 TO 429 433 436 440 442 443 446 449 TO 451 453 455 TO 457 460 TO 462 465 -
1138. 466 TO 467 469 TO 473 476 TO 480 482 484 485 488 490 499 501 TO 505 508 512 -
1139. 514 518 520 522 526 540 548 550 551 553 554 560 563 567 568 570 573 577 581 -
1140. 582 TO 585 589 650 652 TO 654 656 657 659 660 662 TO 664 666 668 673 678 681 -
1141. 682 TO 683 686 TO 688 693 696 700 703 TO 706 708 711 712 714 715 717 718 722 -
1142. 723 727 730 TO 732 736 737 739 742 747 751 TO 756 759 763 764 767 771 774 -
1143. 775 TO 779 781 782 786 788 789 794 796 TO 799 803 806 810 812 813 816 819 -
1144. 821 822 824 825 829 TO 831 834 TO 836 838 TO 842 845 TO 851 853 854 857 859 -
1145. 864 870 TO 874 877 879 881 885 887 891 893 898 902 TO 904 906 907 -
1146. 910 TO 917 920 921 923 926 928 930 934 TO 938 942 945 947 948 1016 -
1147. 1018 TO 1020 1022 1023 1025 1026 1028 TO 1030 1032 1034 1039 1044 -
1148. 1047 TO 1049 1052 TO 1054 1059 UNI GX 6
1149. 170 174 176 180 181 186 187 189 196 TO 198 268 270 TO 272 274 275 277 278 -
1150. 280 281 283 287 292 297 300 TO 302 305 TO 307 312 315 319 322 TO 325 328 -
1151. 331 332 339 340 342 343 347 348 352 360 TO 362 366 367 369 372 377 -
1152. 381 TO 386 389 393 394 397 401 405 TO 409 411 412 416 418 419 424 -
1153. 426 TO 429 433 436 440 442 443 446 449 TO 451 453 455 TO 457 460 TO 462 465 -
1154. 466 TO 467 469 TO 473 476 TO 480 482 484 485 488 490 499 501 TO 505 508 512 -
1155. 514 518 520 522 526 540 548 550 551 553 554 560 563 567 568 570 573 577 581 -
1156. 582 TO 585 589 650 652 TO 654 656 657 659 660 662 TO 664 666 668 673 678 681 -
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V. JAGEN, B.E.,M.E., (Struct), ..M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, OA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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1157. 682 TO 683 686 TO 688 693 696 700 703 TO 706 708 711 712 714 715 717 718 722 -
1158. 723 727 730 TO 732 736 737 739 742 747 751 TO 756 759 763 764 767 771 774 -
1159. 775 TO 779 781 782 786 788 789 794 796 TO 799 803 806 810 812 813 816 819 -
1160. 821 822 824 825 829 TO 831 834 TO 836 838 TO 842 845 TO 851 853 854 857 859 -
1161. 864 870 TO 874 877 879 881 885 887 891 893 898 902 TO 904 906 907 -
1162. 910 TO 917 920 921 923 926 928 930 934 TO 938 942 945 947 948 1016 -
1163. 1018 TO 1020 1022 1023 1025 1026 1028 TO 1030 1032 1034 1039 1044 -
1164. 1047 TO 1049 1052 TO 1054 1059 UNI GY 6
1165. 170 174 176 180 181 186 187 189 196 TO 198 268 270 TO 272 274 275 277 278 -
1166. 280 281 283 287 292 297 300 TO 302 305 TO 307 312 315 319 322 TO 325 328 -
1167. 331 332 339 340 342 343 347 348 352 360 TO 362 366 367 369 372 377 -
1168. 381 TO 386 389 393 394 397 401 405 TO 409 411 412 416 418 419 424 -
1169. 426 TO 429 433 436 440 442 443 446 449 TO 451 453 455 TO 457 460 TO 462 465 -
1170. 466 TO 467 469 TO 473 476 TO 480 482 484 485 488 490 499 501 TO 505 508 512 -
1171. 514 518 520 522 526 540 548 550 551 553 554 560 563 567 568 570 573 577 581 -
1172. 582 TO 585 589 650 652 TO 654 656 657 659 660 662 TO 664 666 668 673 678 681 -
1173. 682 TO 683 686 TO 688 693 696 700 703 TO 706 708 711 712 714 715 717 718 722 -
1174. 723 727 730 TO 732 736 737 739 742 747 751 TO 756 759 763 764 767 771 774 -
1175. 775 TO 779 781 782 786 788 789 794 796 TO 799 803 806 810 812 813 816 819 -
1176. 821 822 824 825 829 TO 831 834 TO 836 838 TO 842 845 TO 851 853 854 857 859 -
1177. 864 870 TO 874 877 879 881 885 887 891 893 898 902 TO 904 906 907 -
1178. 910 TO 917 920 921 923 926 928 930 934 TO 938 942 945 947 948 1016 -
1179. 1018 TO 1020 1022 1023 1025 1026 1028 TO 1030 1032 1034 1039 1044 -
1180. 1047 TO 1049 1052 TO 1054 1059 UNI GZ 6
1181. MEMBER LOAD
1182. 1062 1066 1069 TO 1072 1074 1077 1078 1080 1081 1083 1084 1088 1089 1093 -
1183. 1096 TO 1098 1102 1103 1105 1108 1113 1117 TO 1122 1125 1129 1130 1133 1137 -
1184. 1140 TO 1145 1147 1148 1152 1154 1155 1159 1161 TO 1164 1168 1171 1175 1177 -
1185. 1178 1181 1184 1186 1187 1189 1190 1194 TO 1196 1199 TO 1201 1203 TO 1207 -
1186. 1209 TO 1215 1217 1218 1221 1223 1228 1234 TO 1238 1241 1243 1245 1249 1251 -
1187. 1255 1257 1260 1264 TO 1266 1268 1269 1272 TO 1281 1283 1286 1288 1290 1293 -
1188. 1294 TO 1297 1301 1304 1306 1307 1374 1376 TO 1378 1380 1381 1383 1384 1386 -
1189. 1387 TO 1388 1390 1392 1397 1402 1405 TO 1407 1410 TO 1412 1417 1420 1424 -
1190. 1427 TO 1430 1432 1435 1436 1438 1439 1441 1442 1446 1447 1451 1454 TO 1456 -
1191. 1460 1461 1463 1466 1471 1475 TO 1480 1483 1487 1488 1491 1495 1498 TO 1503 -
1192. 1505 1506 1510 1512 1513 1517 1519 TO 1522 1526 1529 1533 1535 1536 1539 -
1193. 1542 1544 1545 1547 1548 1552 TO 1554 1557 TO 1559 1561 TO 1565 -
1194. 1567 TO 1573 1575 1576 1579 1581 1586 1592 TO 1596 1599 1601 1603 1607 1609 -
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1196. 1652 TO 1655 1659 1662 1664 1665 1732 1734 TO 1736 1738 1739 1741 1742 1744 -
1197. 1745 TO 1746 1748 1750 1755 1760 1763 TO 1765 1768 TO 1770 1775 1778 1782 -
1198. 1785 TO 1788 1790 1793 1794 1796 1797 1799 1800 1804 1805 1809 1812 TO 1814 -
1199. 1818 1819 1821 1824 1829 1833 TO 1838 1841 1845 1846 1849 1853 1856 TO 1861 -
1200. 1863 UNI GX 6
1201. 1062 1066 1069 TO 1072 1074 1077 1078 1080 1081 1083 1084 1088 1089 1093 -
1202. 1096 TO 1098 1102 1103 1105 1108 1113 1117 TO 1122 1125 1129 1130 1133 1137 -
1203. 1140 TO 1145 1147 1148 1152 1154 1155 1159 1161 TO 1164 1168 1171 1175 1177 -
1204. 1178 1181 1184 1186 1187 1189 1190 1194 TO 1196 1199 TO 1201 1203 TO 1207 -
1205. 1209 TO 1215 1217 1218 1221 1223 1228 1234 TO 1238 1241 1243 1245 1249 1251 -
1206. 1255 1257 1260 1264 TO 1266 1268 1269 1272 TO 1281 1283 1286 1288 1290 1293 -
1207. 1294 TO 1297 1301 1304 1306 1307 1374 1376 TO 1378 1380 1381 1383 1384 1386 -
1208. 1387 TO 1388 1390 1392 1397 1402 1405 TO 1407 1410 TO 1412 1417 1420 1424 -
1209. 1427 TO 1430 1432 1435 1436 1438 1439 1441 1442 1446 1447 1451 1454 TO 1456 -
1210. 1460 1461 1463 1466 1471 1475 TO 1480 1483 1487 1488 1491 1495 1498 TO 1503 -
1211. 1505 1506 1510 1512 1513 1517 1519 TO 1522 1526 1529 1533 1535 1536 1539 -
1212. 1542 1544 1545 1547 1548 1552 TO 1554 1557 TO 1559 1561 TO 1565 -
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V. JAGEN, B.E.,M.E., (Struct)., M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-II/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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1213. 1567 TO 1573 1575 1576 1579 1581 1586 1592 TO 1596 1599 1601 1603 1607 1609 -
1214. 1613 1615 1618 1622 TO 1624 1626 1627 1630 TO 1639 1641 1644 1646 1648 1651 -
1215. 1652 TO 1655 1659 1662 1664 1665 1732 1734 TO 1736 1738 1739 1741 1742 1744 -
1216. 1745 TO 1746 1748 1750 1755 1760 1763 TO 1765 1768 TO 1770 1775 1778 1782 -
1217. 1785 TO 1788 1790 1793 1794 1796 1797 1799 1800 1804 1805 1809 1812 TO 1814 -
1218. 1818 1819 1821 1824 1829 1833 TO 1838 1841 1845 1846 1849 1853 1856 TO 1861 -
1219. 1863 UNI GY 6
1220. 1062 1066 1069 TO 1072 1074 1077 1078 1080 1081 1083 1084 1088 1089 1093 -
1221. 1096 TO 1098 1102 1103 1105 1108 1113 1117 TO 1122 1125 1129 1130 1133 1137 -
1222. 1140 TO 1145 1147 1148 1152 1154 1155 1159 1161 TO 1164 1168 1171 1175 1177 -
1223. 1178 1181 1184 1186 1187 1189 1190 1194 TO 1196 1199 TO 1201 1203 TO 1207 -
1224. 1209 TO 1215 1217 1218 1221 1223 1228 1234 TO 1238 1241 1243 1245 1249 1251 -
1225. 1255 1257 1260 1264 TO 1266 1268 1269 1272 TO 1281 1283 1286 1288 1290 1293 -
1226. 1294 TO 1297 1301 1304 1306 1307 1374 1376 TO 1378 1380 1381 1383 1384 1386 -
1227. 1387 TO 1388 1390 1392 1397 1402 1405 TO 1407 1410 TO 1412 1417 1420 1424 -
1228. 1427 TO 1430 1432 1435 1436 1438 1439 1441 1442 1446 1447 1451 1454 TO 1456 -
1229. 1460 1461 1463 1466 1471 1475 TO 1480 1483 1487 1488 1491 1495 1498 TO 1503 -
1230. 1505 1506 1510 1512 1513 1517 1519 TO 1522 1526 1529 1533 1535 1536 1539 -
1231. 1542 1544 1545 1547 1548 1552 TO 1554 1557 TO 1559 1561 TO 1565 -
1232. 1567 TO 1573 1575 1576 1579 1581 1586 1592 TO 1596 1599 1601 1603 1607 1609 -
1233. 1613 1615 1618 1622 TO 1624 1626 1627 1630 TO 1639 1641 1644 1646 1648 1651 -
1234. 1652 TO 1655 1659 1662 1664 1665 1732 1734 TO 1736 1738 1739 1741 1742 1744 -
1235. 1745 TO 1746 1748 1750 1755 1760 1763 TO 1765 1768 TO 1770 1775 1778 1782 -
1236. 1785 TO 1788 1790 1793 1794 1796 1797 1799 1800 1804 1805 1809 1812 TO 1814 -
1237. 1818 1819 1821 1824 1829 1833 TO 1838 1841 1845 1846 1849 1853 1856 TO 1861 -
1238. 1863 UNI GZ 6
1239. MEMBER LOAD
1240. 1864 1868 1870 1871 1875 1877 TO 1880 1884 1887 1891 1893 1894 1897 1900 -
1241. 1902 1903 1905 1906 1910 TO 1912 1915 TO 1917 1919 TO 1923 1925 TO 1931 -
1242. 1933 1934 1937 1939 1944 1950 TO 1954 1957 1959 1961 1965 1967 1971 1973 -
1243. 1976 1980 TO 1982 1984 1985 1988 TO 1997 1999 2002 2004 2006 2009 TO 2013 -
1244. 2017 2020 2022 2023 UNI GX 6
1245. 1864 1868 1870 1871 1875 1877 TO 1880 1884 1887 1891 1893 1894 1897 1900 -
1246. 1902 1903 1905 1906 1910 TO 1912 1915 TO 1917 1919 TO 1923 1925 TO 1931 -
1247. 1933 1934 1937 1939 1944 1950 TO 1954 1957 1959 1961 1965 1967 1971 1973 -
1248. 1976 1980 TO 1982 1984 1985 1988 TO 1997 1999 2002 2004 2006 2009 TO 2013 -
1249. 2017 2020 2022 2023 UNI GY 6
1250. 1864 1868 1870 1871 1875 1877 TO 1880 1884 1887 1891 1893 1894 1897 1900 -
1251. 1902 1903 1905 1906 1910 TO 1912 1915 TO 1917 1919 TO 1923 1925 TO 1931 -
1252. 1933 1934 1937 1939 1944 1950 TO 1954 1957 1959 1961 1965 1967 1971 1973 -
1253. 1976 1980 TO 1982 1984 1985 1988 TO 1997 1999 2002 2004 2006 2009 TO 2013 -
1254. 2017 2020 2022 2023 UNI GZ 6
1255. MEMBER LOAD
1256. 177 TO 179 183 378 379 395 404 410 422 447 463 495 496 507 748 749 765 811 -
1257. 817 820 865 868 876 1114 1115 1131 1176 1182 1185 1229 1232 1240 1472 1473 -
1258. 1489 1534 1540 1543 1587 1590 1598 1830 1831 1847 1892 1898 1901 1945 1948 -
1259. 1956 UNI GX 7
1260. 177 TO 179 183 378 379 395 404 410 422 447 463 495 496 507 748 749 765 811 -
1261. 817 820 865 868 876 1114 1115 1131 1176 1182 1185 1229 1232 1240 1472 1473 -
1262. 1489 1534 1540 1543 1587 1590 1598 1830 1831 1847 1892 1898 1901 1945 1948 -
1263. 1956 UNI GY 7
1264. 177 TO 179 183 378 379 395 404 410 422 447 463 495 496 507 748 749 765 811 -
1265. 817 820 865 868 876 1114 1115 1131 1176 1182 1185 1229 1232 1240 1472 1473 -
1266. 1489 1534 1540 1543 1587 1590 1598 1830 1831 1847 1892 1898 1901 1945 1948 -
1267. 1956 UNI GZ 7
1268. MEMBER LOAD
```

V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-II/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

```
1269. 267 269 285 288 310 330 380 387 402 403 410 422 441 448 463 474 509 513 515 -
1270. 528 555 557 569 586 649 651 669 691 710 750 773 780 792 818 843 892 908 922 -
1271. 939 943 1015 1017 1035 1057 1076 1116 1139 1146 1158 1183 1208 1256 1270 -
1272. 1282 1298 1302 1373 1375 1393 1415 1434 1474 1497 1504 1516 1541 1566 1614 -
1273. 1628 1640 1656 1660 1731 1733 1751 1773 1792 1832 1855 1862 1874 1899 1924 -
1274. 1972 1986 1998 2014 2018 2089 TO 2093 2096 2097 2109 2145 2146 2152 2158 -
1275. 2170 2171 2177 2190 2191 2193 2194 2199 2211 2212 2215 TO 2221 2229 2232 -
1276. 2235 TO 2238 2250 2252 2255 2260 2261 2264 2265 2278 TO 2280 2282 2315 2316 -
1277. 2318 TO 2320 2329 2330 2357 2364 2503 2510 TO 2521 UNI GX 3
1278. 267 269 285 288 310 330 380 387 402 403 410 422 441 448 463 474 509 513 515 -
1279. 528 555 557 569 586 649 651 669 691 710 750 773 780 792 818 843 892 908 922 -
1280. 939 943 1015 1017 1035 1057 1076 1116 1139 1146 1158 1183 1208 1256 1270 -
1281. 1282 1298 1302 1373 1375 1393 1415 1434 1474 1497 1504 1516 1541 1566 1614 -
1282. 1628 1640 1656 1660 1731 1733 1751 1773 1792 1832 1855 1862 1874 1899 1924 -
1283. 1972 1986 1998 2014 2018 2089 TO 2093 2096 2097 2109 2145 2146 2152 2158 -
1284. 2170 2171 2177 2190 2191 2193 2194 2199 2211 2212 2215 TO 2221 2229 2232 -
1285. 2235 TO 2238 2250 2252 2255 2260 2261 2264 2265 2278 TO 2280 2282 2315 2316 -
1286. 2318 TO 2320 2329 2330 2357 2364 2503 2510 TO 2521 UNI GY 3
1287. 267 269 285 288 310 330 380 387 402 403 410 422 441 448 463 474 509 513 515 -
1288. 528 555 557 569 586 649 651 669 691 710 750 773 780 792 818 843 892 908 922 -
1289. 939 943 1015 1017 1035 1057 1076 1116 1139 1146 1158 1183 1208 1256 1270 -
1290. 1282 1298 1302 1373 1375 1393 1415 1434 1474 1497 1504 1516 1541 1566 1614 -
1291. 1628 1640 1656 1660 1731 1733 1751 1773 1792 1832 1855 1862 1874 1899 1924 -
1292. 1972 1986 1998 2014 2018 2089 TO 2093 2096 2097 2109 2145 2146 2152 2158 -
1293. 2170 2171 2177 2190 2191 2193 2194 2199 2211 2212 2215 TO 2221 2229 2232 -
1294. 2235 TO 2238 2250 2252 2255 2260 2261 2264 2265 2278 TO 2280 2282 2315 2316 -
1295. 2318 TO 2320 2329 2330 2357 2364 2503 2510 TO 2521 UNI GZ 3
1296. MEMBER LOAD
1297. 138 139 143 157 175 182 192 199 251 279 314 364 542 544 546 547 556 590 661 -
1298. 695 734 900 901 909 1027 1061 1100 1262 1263 1271 1385 1419 1458 1620 1621 -
1299. 1629 1743 1777 1816 1978 1979 1987 UNI GX 13
1300. 138 139 143 157 175 182 192 199 251 279 314 364 542 544 546 547 556 590 661 -
1301. 695 734 900 901 909 1027 1061 1100 1262 1263 1271 1385 1419 1458 1620 1621 -
1302. 1629 1743 1777 1816 1978 1979 1987 UNI GY 13
1303. 138 139 143 157 175 182 192 199 251 279 314 364 542 544 546 547 556 590 661 -
1304. 695 734 900 901 909 1027 1061 1100 1262 1263 1271 1385 1419 1458 1620 1621 -
1305. 1629 1743 1777 1816 1978 1979 1987 UNI GZ 13
1306. FLOOR LOAD
1307. YRANGE 5.7 24.5 FLOAD 5.125 GX
1308. YRANGE 5.7 24.5 FLOAD 5.125 GY
1309. YRANGE 5.7 24.5 FLOAD 5.125 GZ
1310. FLOOR LOAD
1311. YRANGE 21.2 21.4 FLOAD 1.8 GX
1312. YRANGE 21.2 21.4 FLOAD 1.8 GY
1313. YRANGE 21.2 21.4 FLOAD 1.8 GZ
1314. FLOOR LOAD
1315. YRANGE 24.3 24.5 FLOAD 15 XRANGE 11.59 15.49  ZRANGE 14.335 19.58  GX
1316. YRANGE 24.3 24.5 FLOAD 15 XRANGE 11.59 15.49  ZRANGE 14.335 19.58  GY
1317. YRANGE 24.3 24.5 FLOAD 15 XRANGE 11.59 15.49  ZRANGE 14.335 19.58  GZ
1318. FLOOR LOAD
1319. YRANGE 22.4 22.6 FLOAD 15 XRANGE 9.485 13.575  ZRANGE 1.22 5.63  GX
1320. YRANGE 22.4 22.6 FLOAD 15 XRANGE 9.485 13.575  ZRANGE 1.22 5.63  GY
1321. YRANGE 22.4 22.6 FLOAD 15 XRANGE 9.485 13.575  ZRANGE 1.22 5.63  GZ
1322. SELFWEIGHT X 1
1323. SELFWEIGHT Y 1
1324. SELFWEIGHT Z 1
```

V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

STAAD SPACE -- PAGE NO. 25

```
1325. FLOOR LOAD
1326. YRANGE 5.7 18.3 FLOAD 0.5 GX
1327. YRANGE 5.7 18.3 FLOAD 0.5 GY
1328. YRANGE 5.7 18.3 FLOAD 0.5 GZ
1329. END DEFINE REFERENCE LOADS

 *** NOTE: MASS MODEL FORMED WILL BE USED IN SEISMIC/RESPONSE/TIME HISTORY LOADING, IF ANY.
           IF MASS MODEL IS SEPARATELY PROVIDED IN INDIVIDUAL LOADING, THE GENERATED MASS
           WILL BE REPLACED BY THE MASS PROVIDED IN INDIVIDUAL LOADING.

1330. FLOOR DIAPHRAGM
1331. DIA 1 TYPE RIG HEI 5.8
1332. DIA 2 TYPE RIG HEI 8.9
1333. DIA 3 TYPE RIG HEI 12
1334. DIA 4 TYPE RIG HEI 15.1
1335. DIA 5 TYPE RIG HEI 18.2
1336. DIA 6 TYPE RIG HEI 21.3
```

FLOOR DIAPHRAGM

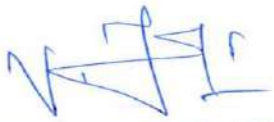
FLOOR DIAPHRAGM UNIT - KN METE

NO.	TYPE	FL. LEVEL	FL. WT	CENTRE OF MASS X	Z	CONTROL JOINT NO.
1	RIGID	5.800	9923.57	16.869	16.617	1462
2	RIGID	8.900	9020.67	16.640	16.454	1463
3	RIGID	12.000	9020.67	16.640	16.454	1464
4	RIGID	15.100	9567.42	16.730	16.488	1465
5	RIGID	18.200	9020.67	16.640	16.454	1466
6	RIGID	21.300	7893.57	16.715	16.399	1467

```
1338. DEFINE IS1893 2016 LOAD
1339. ZONE 0.16 RF 5 I 1 SS 2 ST 1 DM 0.05 PX 0.31 PZ 0.26
1340. DEFINE WIND LOAD
1341. TYPE 1 IS875 RECT CLAD (+X)
1342. <! STAAD PRO GENERATED DATA DO NOT MODIFY !!!
1343. IS875-2015:PARAMS 1 0 0 24.400 0.000 5.000 0 CHENNAI 50.000 0 1.000 2 6 -
1344. 0.910 0.910 0.910 0.970 1.010 1.032 1.000 2 1.000 0.200 0 29.210 40.120 -
1345. 24.400 1 1 1 0.200 0 0 4 0 4 1.000 0.000 0.000 0.000 NA NA 6 0.000 0.000 -
1346. 0.000 0.000 0.000 0.000 1 1 4 0.000 1.000 0.000 0.000 NA NA 6 0.000 0.000 -
1347. 0.000 0.000 0.000 0.000 1 2 4 0.000 0.000 1.000 0.000 NA NA 6 0.000 0.000 -
1348. 0.000 0.000 0.000 0.000 1 3 4 0.000 0.000 0.000 1.000 NA NA 6 0.000 0.000 -
1349. 0.000 0.000 0.000 0.000 1 1.000 1.000 1.000 TYPES 4 1 2 3 4 LOADS 4 13 14 15 -
1350. 16
1351. !> END GENERATED DATA BLOCK
```

V. JAGEN, B.E.,M.E., (Struct)., M.I.E.,A.I.V.,
GIDA REGN NO3-SE/GR-II/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
BHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

```
1352. INT 1.24215 1.24215 1.24215 1.41135 1.53015 1.59754 HEIG 0 5 10 15 20 24.4
1353. TYPE 2 IS875 RECT CLAD (-X)
1354. <! STAAD PRO GENERATED DATA DO NOT MODIFY !!!
1355. IS875-2015:PARAMS 1  1
1356. !> END GENERATED DATA BLOCK
1357. INT 1.24215 1.24215 1.24215 1.41135 1.53015 1.59754 HEIG 0 5 10 15 20 24.4
1358. TYPE 3 IS875 RECT CLAD (+Z)
1359. <! STAAD PRO GENERATED DATA DO NOT MODIFY !!!
1360. IS875-2015:PARAMS 1  1
1361. !> END GENERATED DATA BLOCK
1362. INT 1.24215 1.24215 1.24215 1.41135 1.53015 1.59754 HEIG 0 5 10 15 20 24.4
1363. TYPE 4 IS875 RECT CLAD (-Z)
1364. <! STAAD PRO GENERATED DATA DO NOT MODIFY !!!
1365. IS875-2015:PARAMS 1  1
1366. !> END GENERATED DATA BLOCK
1367. INT 1.24215 1.24215 1.24215 1.41135 1.53015 1.59754 HEIG 0 5 10 15 20 24.4
1368. LOAD 5 LOADTYPE NONE  TITLE EQ+X
1369. 1893 LOAD X 1
1370. LOAD 6 LOADTYPE NONE  TITLE EQ-X
1371. 1893 LOAD X -1.
1372. LOAD 7 LOADTYPE NONE  TITLE EQ+Z
1373. 1893 LOAD Z 1
1374. LOAD 8 LOADTYPE NONE  TITLE EQ-Z
1375. 1893 LOAD Z -1.
1376. LOAD 1 LOADTYPE DEAD  TITLE DL
1377. MEMBER LOAD
1378. 200 TO 202 273 276 284 286 289 TO 291 293 TO 296 298 299 303 304 308 309 311 -
1379. 313 316 TO 318 320 321 326 329 338 341 344 TO 346 349 TO 351 353 354 368 -
1380. 370 371 373 TO 376 388 390 TO 392 396 398 TO 400 413 TO 415 417 420 421 425 -
1381. 430 432 434 435 437 TO 439 444 445 458 459 464 468 481 483 486 487 489 491 -
1382. 492 TO 494 497 500 516 517 519 521 534 537 539 541 552 558 559 561 562 564 -
1383. 571 572 574 TO 576 578 TO 580 587 588 655 658 665 667 670 TO 672 674 TO 677 -
1384. 679 680 684 685 689 690 692 694 697 TO 699 701 702 707 709 713 716 -
1385. 719 TO 721 724 TO 726 728 729 738 740 741 743 TO 746 757 758 760 TO 762 766 -
1386. 768 TO 770 783 TO 785 787 790 791 795 800 TO 802 804 805 807 TO 809 814 815 -
1387. 827 828 833 837 852 855 856 858 860 TO 863 866 869 883 884 886 888 896 897 -
1388. 899 905 924 925 929 931 932 940 941 944 946 949 TO 951 1021 1024 1031 1033 -
1389. 1036 TO 1038 1040 TO 1043 1045 1046 1050 1051 1055 1056 1058 1060 -
1390. 1063 TO 1065 1067 1068 1073 1075 1079 1082 1085 TO 1087 1090 TO 1092 1094 -
1391. 1095 1104 1106 1107 1109 TO 1112 1123 1124 1126 TO 1128 1132 1134 TO 1136 -
1392. 1149 TO 1151 1153 1156 1157 1160 1165 TO 1167 1169 1170 1172 TO 1174 1179 -
1393. 1180 1192 1193 1198 1202 1216 1219 1220 UNI GY -5
1394. 1222 1224 TO 1227 1230 1233 1247 1248 1250 1252 1258 1259 1261 1267 1284 -
1395. 1285 1289 1291 1292 1299 1300 1303 1305 1308 TO 1310 1379 1382 1389 1391 -
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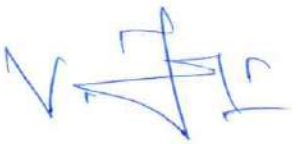
V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, GA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

```
1396. 1394 TO 1396 1398 TO 1401 1403 1404 1408 1409 1413 1414 1416 1418 -
1397. 1421 TO 1423 1425 1426 1431 1433 1437 1440 1443 TO 1445 1448 TO 1450 1452 -
1398. 1453 1462 1464 1465 1467 TO 1470 1481 1482 1484 TO 1486 1490 1492 TO 1494 -
1399. 1507 TO 1509 1511 1514 1515 1518 1523 TO 1525 1527 1528 1530 TO 1532 1537 -
1400. 1538 1550 1551 1556 1560 1574 1577 1578 1580 1582 TO 1585 1588 1591 1605 -
1401. 1606 1608 1610 1616 1617 1619 1625 1642 1643 1647 1649 1650 1657 1658 1661 -
1402. 1663 1666 TO 1668 1737 1740 1747 1749 1752 TO 1754 1756 TO 1759 1761 1762 -
1403. 1766 1767 1771 1772 1774 1776 1779 TO 1781 1783 1784 1789 1791 1795 1798 -
1404. 1801 TO 1803 1806 TO 1808 1810 1811 1820 1822 1823 1825 TO 1828 1839 1840 -
1405. 1842 TO 1844 1848 1850 TO 1852 1865 TO 1867 1869 1872 1873 1876 -
1406. 1881 TO 1883 1885 1886 1888 TO 1890 1895 1896 1908 1909 1914 1918 1932 1935 -
1407. 1936 1938 1940 TO 1943 1946 1949 1963 1964 1966 1968 1974 1975 1977 1983 -
1408. 2000 2001 2005 2007 2008 2015 2016 2019 2021 2024 TO 2026 UNI GY -5
1409. 170 174 176 180 181 186 187 189 196 TO 198 268 270 TO 272 274 275 277 278 -
1410. 280 281 283 287 292 297 300 TO 302 305 TO 307 312 315 319 322 TO 325 328 -
1411. 331 332 339 340 342 343 347 348 352 360 TO 362 366 367 369 372 377 -
1412. 381 TO 386 389 393 394 397 401 405 TO 409 411 412 416 418 419 424 -
1413. 426 TO 429 433 436 440 442 443 446 449 TO 451 453 455 TO 457 460 TO 462 465 -
1414. 466 TO 467 469 TO 473 476 TO 480 482 484 485 488 490 499 501 TO 505 508 512 -
1415. 514 518 520 522 526 540 548 550 551 553 554 560 563 567 568 570 573 577 581 -
1416. 582 TO 585 589 650 652 TO 654 656 657 659 660 662 TO 664 666 668 673 678 681 -
1417. 682 TO 683 686 TO 688 693 696 700 703 TO 706 708 711 712 714 715 717 718 722 -
1418. 723 727 730 TO 732 736 737 739 742 747 751 TO 756 759 763 764 767 771 774 -
1419. 775 TO 779 781 782 786 788 789 794 796 TO 799 803 806 810 812 813 816 819 -
1420. 821 822 824 825 829 TO 831 834 TO 836 838 TO 842 845 TO 851 853 854 857 859 -
1421. 864 870 TO 874 877 879 881 885 887 891 893 898 902 TO 904 906 907 -
1422. 910 TO 917 920 921 923 926 928 930 934 TO 938 942 945 947 948 1016 -
1423. 1018 TO 1020 1022 1023 1025 1026 1028 TO 1030 1032 1034 1039 1044 -
1424. 1047 TO 1049 1052 TO 1054 1059 UNI GY -6
1425. 1062 1066 1069 TO 1072 1074 1077 1078 1080 1081 1083 1084 1088 1089 1093 -
1426. 1096 TO 1098 1102 1103 1105 1108 1113 1117 TO 1122 1125 1129 1130 1133 1137 -
1427. 1140 TO 1145 1147 1148 1152 1154 1155 1159 1161 TO 1164 1168 1171 1175 1177 -
1428. 1178 1181 1184 1186 1187 1189 1190 1194 TO 1196 1199 TO 1201 1203 TO 1207 -
1429. 1209 TO 1215 1217 1218 1221 1223 1228 1234 TO 1238 1241 1243 1245 1249 1251 -
1430. 1255 1257 1260 1264 TO 1266 1268 1269 1272 TO 1281 1283 1286 1288 1290 1293 -
1431. 1294 TO 1297 1301 1304 1306 1307 1374 1376 TO 1378 1380 1381 1383 1384 1386 -
1432. 1387 TO 1388 1390 1392 1397 1402 1405 TO 1407 1410 TO 1412 1417 1420 1424 -
1433. 1427 TO 1430 1432 1435 1436 1438 1439 1441 1442 1446 1447 1451 1454 TO 1456 -
1434. 1460 1461 1463 1466 1471 1475 TO 1480 1483 1487 1488 1491 1495 1498 TO 1503 -
1435. 1505 1506 1510 1512 1513 1517 1519 TO 1522 1526 1529 1533 1535 1536 1539 -
1436. 1542 1544 1545 1547 1548 1552 TO 1554 1557 TO 1559 1561 TO 1565 -
1437. 1567 TO 1573 1575 1576 1579 1581 1586 1592 TO 1596 1599 1601 1603 1607 1609 -
1438. 1613 1615 1618 1622 TO 1624 1626 1627 1630 TO 1639 1641 1644 1646 1648 1651 -
1439. 1652 TO 1655 1659 1662 1664 1665 1732 1734 TO 1736 1738 1739 1741 1742 1744 -
1440. 1745 TO 1746 1748 1750 1755 1760 1763 TO 1765 1768 TO 1770 1775 1778 1782 -
1441. 1785 TO 1788 1790 1793 1794 1796 1797 1799 1800 1804 1805 1809 1812 TO 1814 -
1442. 1818 1819 1821 1824 1829 1833 TO 1838 1841 1845 1846 1849 1853 1856 TO 1861 -
1443. 1863 UNI GY -6
1444. 1864 1868 1870 1871 1875 1877 TO 1880 1884 1887 1891 1893 1894 1897 1900 -
1445. 1902 1903 1905 1906 1910 TO 1912 1915 TO 1917 1919 TO 1923 1925 TO 1931 -
1446. 1933 1934 1937 1939 1944 1950 TO 1954 1957 1959 1961 1965 1967 1971 1973 -
1447. 1976 1980 TO 1982 1984 1985 1988 TO 1997 1999 2002 2004 2006 2009 TO 2013 -
1448. 2017 2020 2022 2023 UNI GY -6
1449. 177 TO 179 183 378 379 395 404 410 422 447 463 495 496 507 748 749 765 811 -
1450. 817 820 865 868 876 1114 1115 1131 1176 1182 1185 1229 1232 1240 1472 1473 -
1451. 1489 1534 1540 1543 1587 1590 1598 1830 1831 1847 1892 1898 1901 1945 1948 -
```

V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-II/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
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MOBILE: 9841694164

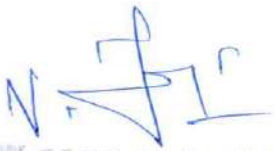
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1452. 1956 UNI GY -7
1453. 267 269 285 288 310 330 380 387 402 403 410 422 441 448 463 474 509 513 515 -
1454. 528 555 557 569 586 649 651 669 691 710 750 773 780 792 818 843 892 908 922 -
1455. 939 943 1015 1017 1035 1057 1076 1116 1139 1146 1158 1183 1208 1256 1270 -
1456. 1282 1298 1302 1373 1375 1393 1415 1434 1474 1497 1504 1516 1541 1566 1614 -
1457. 1628 1640 1656 1660 1731 1733 1751 1773 1792 1832 1855 1862 1874 1899 1924 -
1458. 1972 1986 1998 2014 2018 2089 TO 2093 2096 2097 2109 2145 2146 2152 2158 -
1459. 2170 2171 2177 2190 2191 2193 2194 2199 2211 2212 2215 TO 2221 2229 2232 -
1460. 2235 TO 2238 2250 2252 2255 2260 2261 2264 2265 2278 TO 2280 2282 2315 2316 -
1461. 2318 TO 2320 2329 2330 2357 2364 2503 2510 TO 2521 UNI GY -3
1462. 138 139 143 157 175 182 192 199 251 279 314 364 542 544 546 547 556 590 661 -
1463. 695 734 900 901 909 1027 1061 1100 1262 1263 1271 1385 1419 1458 1620 1621 -
1464. 1629 1743 1777 1816 1978 1979 1987 UNI GY -13
1465. FLOOR LOAD
1466. YRANGE 5.7 24.5 FLOAD -5.125 GY
**NOTE** about Floor/OneWay Loads/Weights.
  Please note that depending on the shape of the floor you may
  have to break up the FLOOR/ONEWAY LOAD into multiple commands.
  For details please refer to Technical Reference Manual
  Section 5.32.4.2 Note d and/or "5.32.4.3 Note f.

1467. YRANGE 21.2 21.4 FLOAD -1.8 GY
1468. YRANGE 24.3 24.5 FLOAD -15 XRANGE 11.59 15.49  ZRANGE 14.335 19.58  GY
1469. YRANGE 22.4 22.6 FLOAD -15 XRANGE 9.485 13.575  ZRANGE 1.22 5.63  GY
1470. SELFWEIGHT Y -1
1471. LOAD 2 LOADTYPE LIVE  TITLE LL
1472. FLOOR LOAD
1473. YRANGE 5.7 18.3 FLOAD -2 GY
1474. YRANGE 21.2 21.4 FLOAD -1.5 GY
1475. LOAD 9 LOADTYPE NONE  TITLE RS+X
1476. SPECTRUM CQC IS1893 2016 X 0.016 SCALE 4.34 DAMP 0.05
1477. SOIL TYPE 2
1478. LOAD 10 LOADTYPE NONE  TITLE RS-X
1479. SPECTRUM CQC IS1893 2016 X -0.016 SCALE 4.34 DAMP 0.05
1480. SOIL TYPE 2
1481. LOAD 11 LOADTYPE NONE  TITLE RS+Z
1482. SPECTRUM CQC IS1893 2016 Z 0.016 SCALE 4.107 DAMP 0.05
1483. SOIL TYPE 2
1484. LOAD 12 LOADTYPE NONE  TITLE RS-Z
1485. SPECTRUM CQC IS1893 2016 Z -0.016 SCALE 4.107 DAMP 0.05
1486. SOIL TYPE 2
1487. LOAD 13 LOADTYPE WIND  TITLE WIND (+X) IS875 RECT CLAD
1488. WIND LOAD X 1 TYPE 1 YR 5.8 21.3
 **WARNING-fx fy fz wind forces:  1.3333E+00  0.0000E+00  0.0000E+00
           at coordinates:        1.1590E+01  5.8000E+00  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  2.7498E+00  0.0000E+00  0.0000E+00
           at coordinates:        1.1590E+01  8.9000E+00  1.7065E+01 ignored.
```



V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

```
 **WARNING-fx fy fz wind forces:  3.0298E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.1590E+01  1.2000E+01  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  3.1593E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.1590E+01  1.5100E+01  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  3.2848E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.1590E+01  1.8200E+01  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  1.6951E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.1590E+01  2.1300E+01  1.7065E+01 ignored.
1489. LOAD 14 LOADTYPE WIND  TITLE WIND (-X) IS875 RECT CLAD
1490. WIND LOAD X -1 TYPE 2 YR 5.8 21.3
 **WARNING-fx fy fz wind forces: -9.3262E-01  0.0000E+00  0.0000E+00
          at coordinates:        1.3575E+01  8.9000E+00  1.0680E+01 ignored.
 **WARNING-fx fy fz wind forces: -4.5727E-01  0.0000E+00  0.0000E+00
          at coordinates:        1.3575E+01  5.8000E+00  1.0680E+01 ignored.
 **WARNING-fx fy fz wind forces: -6.4980E-01  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  5.8000E+00  2.0255E+01 ignored.
 **WARNING-fx fy fz wind forces: -1.3253E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  8.9000E+00  2.0255E+01 ignored.
 **WARNING-fx fy fz wind forces: -2.0240E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  5.8000E+00  1.6975E+01 ignored.
 **WARNING-fx fy fz wind forces: -4.1416E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  8.9000E+00  1.6975E+01 ignored.
 **WARNING-fx fy fz wind forces: -1.0391E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.3575E+01  1.2000E+01  1.0680E+01 ignored.
 **WARNING-fx fy fz wind forces: -1.4766E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  1.2000E+01  2.0255E+01 ignored.
 **WARNING-fx fy fz wind forces: -4.5994E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  1.2000E+01  1.6975E+01 ignored.
 **WARNING-fx fy fz wind forces: -1.0857E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.3575E+01  1.5100E+01  1.0680E+01 ignored.
 **WARNING-fx fy fz wind forces: -1.5428E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  1.5100E+01  2.0255E+01 ignored.
 **WARNING-fx fy fz wind forces: -4.8027E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  1.5100E+01  1.6975E+01 ignored.
 **WARNING-fx fy fz wind forces: -1.1266E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.3575E+01  1.8200E+01  1.0680E+01 ignored.
 **WARNING-fx fy fz wind forces: -1.6009E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  1.8200E+01  2.0255E+01 ignored.
 **WARNING-fx fy fz wind forces: -4.9866E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  1.8200E+01  1.6975E+01 ignored.
 **WARNING-fx fy fz wind forces: -5.8409E-01  0.0000E+00  0.0000E+00
          at coordinates:        1.3575E+01  2.1300E+01  1.0680E+01 ignored.
 **WARNING-fx fy fz wind forces: -8.3003E-01  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  2.1300E+01  2.0255E+01 ignored.
 **WARNING-fx fy fz wind forces: -2.5818E+00  0.0000E+00  0.0000E+00
          at coordinates:        1.5490E+01  2.1300E+01  1.6975E+01 ignored.
1491. LOAD 15 LOADTYPE WIND  TITLE WIND (+Z) IS875 RECT CLAD
1492. WIND LOAD Z 1 TYPE 3 YR 5.8 21.3
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  1.8435E+00
          at coordinates:        1.3575E+01  5.8000E+00  1.6240E+01 ignored.
```



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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

STAAD SPACE -- PAGE NO. 30

```
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  3.7599E+00
          at coordinates:         1.3575E+01  8.9000E+00  1.6240E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  9.4570E-01
          at coordinates:         2.3535E+01  8.9000E+00  1.3735E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  4.1892E+00
          at coordinates:         1.3575E+01  1.2000E+01  1.6240E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  1.0336E+00
          at coordinates:         2.3535E+01  1.2000E+01  1.3735E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  4.3769E+00
          at coordinates:         1.3575E+01  1.5100E+01  1.6240E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  4.5419E+00
          at coordinates:         1.3575E+01  1.8200E+01  1.6240E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  1.1206E+00
          at coordinates:         2.3535E+01  1.8200E+01  1.3735E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  2.3548E+00
          at coordinates:         1.3575E+01  2.1300E+01  1.6240E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00  1.1620E+00
          at coordinates:         2.3535E+01  2.1300E+01  1.3735E+01 ignored.
1493. LOAD 16 LOADTYPE WIND  TITLE WIND (-Z) IS875 RECT CLAD
1494. WIND LOAD Z -1 TYPE 4 YR 5.8 21.3
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -1.4199E-01
          at coordinates:         2.8835E+01  5.8000E+00  2.2560E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -2.3585E-01
          at coordinates:         2.8640E+01  5.8000E+00  2.2560E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -5.7920E-01
          at coordinates:         2.8640E+01  8.9000E+00  2.2560E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -2.8351E+00
          at coordinates:         5.6600E+00  5.8000E+00  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -5.8556E+00
          at coordinates:         5.6600E+00  8.9000E+00  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -6.4534E-01
          at coordinates:         2.8640E+01  1.2000E+01  2.2560E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -6.4425E+00
          at coordinates:         5.6600E+00  1.2000E+01  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -6.7425E-01
          at coordinates:         2.8640E+01  1.5100E+01  2.2560E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -6.7160E+00
          at coordinates:         5.6600E+00  1.5100E+01  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -6.9966E-01
          at coordinates:         2.8640E+01  1.8200E+01  2.2560E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -6.9847E+00
          at coordinates:         5.6600E+00  1.8200E+01  1.7065E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -3.6275E-01
          at coordinates:         2.8640E+01  2.1300E+01  2.2560E+01 ignored.
 **WARNING-fx fy fz wind forces:  0.0000E+00  0.0000E+00 -3.6022E+00
          at coordinates:         5.6600E+00  2.1300E+01  1.7065E+01 ignored.
1495. LOAD COMB 3 DL+LL
1496. 1 1.0 2 1.0
1497. LOAD COMB 4 1.5DL+1.5LL
1498. 1 1.5 2 1.5
1499. LOAD COMB 17 DL+RS(+X)
1500. 1 1.0 9 1.0
1501. LOAD COMB 18 DL+RS(-X)
```

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CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

```
1502. 1 1.0 10 1.0
1503. LOAD COMB 19 DL+RS(+Z)
1504. 1 1.0 11 1.0
1505. LOAD COMB 20 DL+RS(-Z)
1506. 1 1.0 12 1.0
1507. LOAD COMB 21 DL+WL(+X)
1508. 1 1.0 13 1.0
1509. LOAD COMB 22 DL+WL(-X)
1510. 1 1.0 14 1.0
1511. LOAD COMB 23 DL+WL(+Z)
1512. 1 1.0 15 1.0
1513. LOAD COMB 24 DL+WL(-Z)
1514. 1 1.0 16 1.0
1515. LOAD COMB 25 1.0DL+0.8LL+0.8RS(+X)
1516. 1 1.0 9 0.8 2 0.8
1517. LOAD COMB 26 1.0DL+0.8LL+0.8RS(-X)
1518. 1 1.0 10 0.8 2 0.8
1519. LOAD COMB 27 1.0DL+0.8LL+0.8RS(+Z)
1520. 1 1.0 11 0.8 2 0.8
1521. LOAD COMB 28 1.0DL+0.8LL+0.8RS(-Z)
1522. 1 1.0 12 0.8 2 0.8
1523. LOAD COMB 29 1.0DL+0.8LL+0.8WL(+X)
1524. 1 1.0 13 0.8 2 0.8
1525. LOAD COMB 30 1.0DL+0.8LL+0.8WL(-X)
1526. 1 1.0 14 0.8 2 0.8
1527. LOAD COMB 31 1.0DL+0.8LL+0.8WL(+Z)
1528. 1 1.0 15 0.8 2 0.8
1529. LOAD COMB 32 1.0DL+0.8LL+0.8WL(-Z)
1530. 1 1.0 16 0.8 2 0.8
1531. LOAD COMB 33 1.2DL+1.2LL+1.2RS(+X)
1532. 1 1.2 2 1.2 9 1.2
1533. LOAD COMB 34 1.2DL+1.2LL+1.2RS(-X)
1534. 1 1.2 2 1.2 10 1.2
1535. LOAD COMB 35 1.2DL+1.2LL+1.2RS(+Z)
1536. 1 1.2 2 1.2 11 1.2
1537. LOAD COMB 36 1.2DL+1.2LL+1.2RS(-Z)
1538. 1 1.2 2 1.2 12 1.2
1539. LOAD COMB 37 1.2DL+1.2LL+1.2WL(+X)
1540. 1 1.2 2 1.2 13 1.2
1541. LOAD COMB 38 1.2DL+1.2LL+1.2WL(-X)
1542. 1 1.2 2 1.2 14 1.2
1543. LOAD COMB 39 1.2DL+1.2LL+1.2WL(+Z)
1544. 1 1.2 2 1.2 15 1.2
1545. LOAD COMB 40 1.2DL+1.2LL+1.2WL(-Z)
1546. 1 1.2 2 1.2 16 1.2
1547. LOAD COMB 41 0.9DL+1.5RS(+X)
1548. 1 0.9 9 1.5
1549. LOAD COMB 42 0.9DL+1.5RS(-X)
1550. 1 0.9 10 1.5
1551. LOAD COMB 43 0.9DL+1.5RS(+Z)
1552. 1 0.9 11 1.5
1553. LOAD COMB 44 0.9DL+1.5RS(-Z)
1554. 1 0.9 12 1.5
1555. LOAD COMB 45 0.9DL+1.5WL(+X)
1556. 1 0.9 13 1.5
1557. LOAD COMB 46 0.9DL+1.5WL(-X)
```

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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

```
1558. 1 0.9 14 1.5
1559. LOAD COMB 47 0.9DL+1.5WL(+Z)
1560. 1 0.9 15 1.5
1561. LOAD COMB 48 0.9DL+1.5WL(-Z)
1562. 1 0.9 16 1.5
1563. LOAD COMB 49 1.5DL+1.5RS(+X)
1564. 1 1.5 9 1.5
1565. LOAD COMB 50 1.5DL+1.5RS(-X)
1566. 1 1.5 10 1.5
1567. LOAD COMB 51 1.5DL+1.5RS(+Z)
1568. 1 1.5 11 1.5
1569. LOAD COMB 52 1.5DL+1.5RS(-Z)
1570. 1 1.5 12 1.5
1571. LOAD COMB 53 1.5DL+1.5WL(+X)
1572. 1 1.5 13 1.5
1573. LOAD COMB 54 1.5DL+1.5WL(-X)
1574. 1 1.5 14 1.5
1575. LOAD COMB 55 1.5DL+1.5WL(+Z)
1576. 1 1.5 15 1.5
1577. LOAD COMB 56 1.5DL+1.5WL(-Z)
1578. 1 1.5 16 1.5
1579. PERFORM ANALYSIS


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

   NUMBER OF JOINTS        1446  NUMBER OF MEMBERS    2399
   NUMBER OF PLATES           0  NUMBER OF SOLIDS        0
   NUMBER OF SURFACES         0  NUMBER OF SUPPORTS     58

         Using 64-bit analysis engine.

         SOLVER USED IS THE IN-CORE ADVANCED MATH SOLVER

 TOTAL       PRIMARY LOAD CASES =    14, TOTAL DEGREES OF FREEDOM =    4596
 TOTAL LOAD COMBINATION  CASES =    42  SO FAR.


  ***NOTE: MASSES DEFINED UNDER LOAD#       9 WILL FORM
           THE FINAL MASS MATRIX FOR DYNAMIC ANALYSIS.


 **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.


   ***NOTE: Equivalent Static Analysis should preferably be performed for regular
structures with approximate natural time period less than 0.4s and regular
structures with height less than 15m in Seismic Zone II. Ref Cl.6.4.3 and 7.6
```

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SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

STAAD SPACE -- PAGE NO. 33

BASE SHEAR AND TIME PERIOD IN X

```
*********************************************************
* UNITS - KN    METE                                    *
* TIME PERIOD FOR X 1893 LOADING =    0.31000 SEC       *
* SA/G PER 1893=    2.500, LOAD FACTOR= 1.000           *
* VB PER 1893=    0.0400 X    58007.12=    2320.29 KN   *
* VB Act Based on Clause 7.2.1 =     2320.29 KN         *
* VB Min based on Clause 7.2.2 =      638.08 KN         *
*                                                       *
*********************************************************
```

***NOTE: Equivalent Static Analysis should preferably be performed for regular structures with approximate natural time period less than 0.4s and regular structures with height less than 15m in Seismic Zone II. Ref Cl.6.4.3 and 7.6

BASE SHEAR AND TIME PERIOD IN X

```
*********************************************************
* UNITS - KN    METE                                    *
* TIME PERIOD FOR X 1893 LOADING =    0.31000 SEC       *
* SA/G PER 1893=    2.500, LOAD FACTOR=-1.000           *
* VB PER 1893=    0.0400 X    58007.12=   -2320.29 KN   *
* VB Act Based on Clause 7.2.1 =    -2320.29 KN         *
* VB Min based on Clause 7.2.2 =     -638.08 KN         *
*                                                       *
*********************************************************
```

***NOTE: Equivalent Static Analysis should preferably be performed for regular structures with approximate natural time period less than 0.4s and regular structures with height less than 15m in Seismic Zone II. Ref Cl.6.4.3 and 7.6

BASE SHEAR AND TIME PERIOD IN Z

```
*********************************************************
* UNITS - KN    METE                                    *
* TIME PERIOD FOR Z 1893 LOADING =    0.26000 SEC       *
* SA/G PER 1893=    2.500, LOAD FACTOR= 1.000           *
* VB PER 1893=    0.0400 X    58007.12=    2320.29 KN   *
* VB Act Based on Clause 7.2.1 =     2320.29 KN         *
* VB Min based on Clause 7.2.2 =      638.08 KN         *
*                                                       *
*********************************************************
```

***NOTE: Equivalent Static Analysis should preferably be performed for regular structures with approximate natural time period less than 0.4s and regular structures with height less than 15m in Seismic Zone II. Ref Cl.6.4.3 and 7.6

BASE SHEAR AND TIME PERIOD IN Z

```
*********************************************************
* UNITS - KN    METE                                    *
* TIME PERIOD FOR Z 1893 LOADING =    0.26000 SEC       *
* SA/G PER 1893=    2.500, LOAD FACTOR=-1.000           *
* VB PER 1893=    0.0400 X    58007.12=   -2320.29 KN   *
* VB Act Based on Clause 7.2.1 =    -2320.29 KN         *
* VB Min based on Clause 7.2.2 =     -638.08 KN         *
*                                                       *
*********************************************************
```

EIGEN METHOD : SUBSPACE

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3-B, RAMANIYAM GAURAVV - 2,
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SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

CALCULATED FREQUENCIES FOR LOAD CASE 9

MODE	FREQUENCY(CYCLES/SEC)	PERIOD(SEC)
1	0.545	1.83582
2	0.590	1.69605
3	0.703	1.42328
4	1.663	0.60121
5	1.809	0.55294
6	2.171	0.46062
7	2.854	0.35041
8	3.105	0.32209
9	3.569	0.28019
10	3.966	0.25212
11	4.204	0.23785
12	4.503	0.22210
13	4.694	0.21306
14	4.741	0.21091
15	4.835	0.20682
16	5.128	0.19502
17	5.198	0.19237
18	5.235	0.19102
19	5.279	0.18944
20	5.471	0.18278
21	5.697	0.17554
22	5.741	0.17419
23	5.823	0.17172
24	6.007	0.16647
25	6.021	0.16608

1893 RESPONSE SPECTRUM LOAD 9

RESPONSE LOAD CASE 9

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN KN X	Y	Z	GENERALIZED WEIGHT
1	7.057059E+03	4.915710E-03	3.243858E+04	2.022361E+04
2	2.463736E+04	4.847281E-01	1.588569E+04	2.072172E+04
3	1.778647E+04	6.870574E-01	1.208567E+03	7.632534E+03
4	9.486202E+02	5.853919E-02	3.373463E+03	2.187666E+04
5	2.781508E+03	1.111523E+00	1.935593E+03	2.405734E+04
6	1.943831E+03	3.899040E+00	1.358254E+02	8.445110E+03
7	2.940702E+02	4.006551E-02	8.733845E+02	1.652734E+04
8	6.771784E+02	3.526935E-01	4.935364E+02	3.772374E+03
9	8.542603E+00	6.297740E+00	3.904914E+01	8.134947E+02
10	4.674600E+02	1.186190E+01	5.297770E+00	2.330366E+03

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MOBILE: 9841269154

11	4.406369E+01	1.359610E-02	3.531852E+02	2.538188E+03
12	2.989421E+00	5.272033E+03	2.693256E-02	1.353058E+03
13	9.485880E+01	1.614103E+03	4.459053E+01	2.862858E+03
14	2.626041E+01	3.050355E+03	1.138788E+01	2.074372E+03
15	7.768719E+00	2.746879E-01	1.077246E-02	4.867040E+00
16	1.556655E+01	2.460735E+01	8.959109E+01	5.809119E+02
17	3.165965E-02	7.552084E+00	8.448043E-02	5.553455E+00
18	1.386759E+00	3.157955E+03	2.285987E-01	8.638025E+02
19	3.285105E+01	1.116623E+02	2.335049E+01	6.817860E+02
20	3.417407E-01	5.171434E+03	5.401729E-01	1.148868E+03
21	1.300304E+01	6.457837E+03	6.771466E+00	1.910759E+03
22	5.628065E+01	5.332038E+02	5.731898E+00	1.570181E+03
23	6.909049E+01	5.075577E+02	5.976561E+01	4.292587E+03
24	1.377915E+00	2.790189E+03	9.931935E-01	9.845197E+02
25	1.314855E-02	5.830792E+02	2.892312E-01	2.561971E+03

CQC MODAL COMBINATION METHOD USED.

DYNAMIC WEIGHT X Y Z	5.778070E+04	5.778070E+04	5.778070E+04	KN
MISSING WEIGHT X Y Z	-8.127141E+02	-2.847405E+04	-7.951674E+02	KN
MODAL WEIGHT X Y Z	5.696799E+04	2.930666E+04	5.698553E+04	KN

RESPONSE LOAD CASE 9

MODE	SPECTRAL ACCELERATION	DESIGN SEISMIC COEFFICIENT		
		X	Y	Z
1	0.74081	0.0514	0.0000	0.0000
2	0.80186	0.0557	0.0000	0.0000
3	0.95554	0.0664	0.0000	0.0000
4	2.26210	0.1571	0.0000	0.0000
5	2.45959	0.1708	0.0000	0.0000
6	2.50000	0.1736	0.0000	0.0000
7	2.50000	0.1736	0.0000	0.0000
8	2.50000	0.1736	0.0000	0.0000
9	2.50000	0.1736	0.0000	0.0000
10	2.50000	0.1736	0.0000	0.0000
11	2.50000	0.1736	0.0000	0.0000
12	2.50000	0.1736	0.0000	0.0000
13	2.50000	0.1736	0.0000	0.0000
14	2.50000	0.1736	0.0000	0.0000
15	2.50000	0.1736	0.0000	0.0000
16	2.50000	0.1736	0.0000	0.0000
17	2.50000	0.1736	0.0000	0.0000
18	2.50000	0.1736	0.0000	0.0000
19	2.50000	0.1736	0.0000	0.0000
20	2.50000	0.1736	0.0000	0.0000
21	2.50000	0.1736	0.0000	0.0000
22	2.50000	0.1736	0.0000	0.0000
23	2.50000	0.1736	0.0000	0.0000
24	2.50000	0.1736	0.0000	0.0000

V. JAGEN, B.E.,M.E., (Struct)., M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, GA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

25 2.50000 0.1736 0.0000 0.0000

PEAK STORY SHEAR

STORY	LEVEL IN METE	PEAK STORY SHEAR IN KN		
		X	Y	Z
6	21.30	734.31	0.00	0.00
5	18.20	1229.00	0.00	0.00
4	15.10	1575.64	0.00	0.00
3	12.00	1826.15	0.00	0.00
2	8.90	2063.70	0.00	0.00
1	5.80	2321.86	0.00	0.00
BASE	0.00	2348.34	0.00	0.00

MODE	ACCELERATION-G	DAMPING
1	3.21513	0.05000
2	3.48008	0.05000
3	4.14703	0.05000
4	9.81753	0.05000
5	10.67463	0.05000
6	10.85000	0.05000
7	10.85000	0.05000
8	10.85000	0.05000
9	10.85000	0.05000
10	10.85000	0.05000
11	10.85000	0.05000
12	10.85000	0.05000
13	10.85000	0.05000
14	10.85000	0.05000
15	10.85000	0.05000
16	10.85000	0.05000
17	10.85000	0.05000
18	10.85000	0.05000
19	10.85000	0.05000
20	10.85000	0.05000
21	10.85000	0.05000
22	10.85000	0.05000
23	10.85000	0.05000
24	10.85000	0.05000
25	10.85000	0.05000

V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

STAAD SPACE -- PAGE NO. 37

MODAL BASE ACTIONS

MODAL BASE ACTIONS FORCES IN KN LENGTH IN METE

MODE	PERIOD	FX	FY	FZ	MOMENTS ARE ABOUT THE ORIGIN MX	MY	MZ
1	1.836	363.03	0.30	778.32	11970.91	-7097.01	-5636.01
2	1.696	1371.84	6.08	-1101.56	-17158.18	40429.08	-21170.58
3	1.423	1180.18	7.33	307.64	4633.34	14546.25	-17918.98
4	0.601	149.01	1.17	281.00	-708.28	-2249.07	392.88
5	0.553	475.07	-9.50	-396.30	1375.74	14872.16	1097.07
6	0.461	337.45	-15.11	89.20	106.12	4244.29	351.65
7	0.350	51.05	-0.60	87.98	489.42	-747.20	-262.54
8	0.322	117.56	2.68	-100.36	-569.69	3357.50	-614.14
9	0.280	1.48	-1.27	3.17	49.65	17.36	-52.72
10	0.252	81.15	12.93	8.64	-200.70	1363.77	67.21
11	0.238	7.65	-0.13	21.66	-134.21	-249.24	20.95
12	0.222	0.52	-21.79	0.05	686.37	8.85	-500.98
13	0.213	16.47	-67.93	-11.29	387.77	523.93	-1243.40
14	0.211	4.56	49.13	-3.00	-218.46	154.09	1014.36
15	0.207	1.35	0.25	-0.05	-3.87	54.42	7.72
16	0.195	2.70	-3.40	-6.48	-37.18	187.04	48.48
17	0.192	0.01	0.08	0.01	-2.41	-0.09	2.42
18	0.191	0.24	-11.49	-0.10	224.26	2.59	-55.52
19	0.189	5.70	10.51	-4.81	-240.64	124.11	55.46
20	0.183	0.06	7.30	-0.07	-50.77	2.20	40.48
21	0.176	2.26	-50.31	1.63	902.68	18.07	-977.66
22	0.174	9.77	30.07	3.12	-487.21	169.86	511.32
23	0.172	11.99	32.51	11.16	-709.81	-30.13	772.07
24	0.166	0.24	10.76	-0.20	-126.11	11.03	165.58
25	0.166	0.00	0.48	-0.01	-1.31	-1.31	3.67

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
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CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

PARTICIPATION FACTORS

MODE	MASS PARTICIPATION FACTORS IN PERCENT						BASE SHEAR IN KN		
	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	12.21	0.00	56.14	12.214	0.000	56.141	363.03	0.00	0.00
2	42.64	0.00	27.49	54.853	0.001	83.634	1371.84	0.00	0.00
3	30.78	0.00	2.09	85.636	0.002	85.726	1180.18	0.00	0.00
4	1.64	0.00	5.84	87.277	0.002	91.564	149.01	0.00	0.00
5	4.81	0.00	3.35	92.091	0.004	94.914	475.07	0.00	0.00
6	3.36	0.01	0.24	95.455	0.011	95.149	337.45	0.00	0.00
7	0.51	0.00	1.51	95.964	0.011	96.660	51.05	0.00	0.00
8	1.17	0.00	0.85	97.136	0.011	97.515	117.56	0.00	0.00
9	0.01	0.01	0.07	97.151	0.022	97.582	1.48	0.00	0.00
10	0.81	0.02	0.01	97.960	0.043	97.591	81.15	0.00	0.00
11	0.08	0.00	0.61	98.036	0.043	98.203	7.65	0.00	0.00
12	0.01	9.12	0.00	98.042	9.167	98.203	0.52	0.00	0.00
13	0.16	2.79	0.08	98.206	11.961	98.280	16.47	0.00	0.00
14	0.05	5.28	0.02	98.251	17.240	98.300	4.56	0.00	0.00
15	0.01	0.00	0.00	98.265	17.240	98.300	1.35	0.00	0.00
16	0.03	0.04	0.16	98.292	17.283	98.455	2.70	0.00	0.00
17	0.00	0.01	0.00	98.292	17.296	98.455	0.01	0.00	0.00
18	0.00	5.47	0.00	98.294	22.761	98.455	0.24	0.00	0.00
19	0.06	0.19	0.04	98.351	22.955	98.496	5.70	0.00	0.00
20	0.00	8.95	0.00	98.352	31.905	98.496	0.06	0.00	0.00
21	0.02	11.18	0.01	98.374	43.081	98.508	2.26	0.00	0.00
22	0.10	0.92	0.01	98.471	44.004	98.518	9.77	0.00	0.00
23	0.12	0.88	0.10	98.591	44.882	98.622	11.99	0.00	0.00
24	0.00	4.83	0.00	98.593	49.711	98.623	0.24	0.00	0.00
25	0.00	1.01	0.00	98.593	50.720	98.624	0.00	0.00	0.00
					TOTAL SRSS SHEAR		1947.30	0.00	0.00
					TOTAL 10PCT SHEAR		2223.45	0.00	0.00
					TOTAL ABS SHEAR		4191.33	0.00	0.00
					TOTAL CSM SHEAR		2940.66	0.00	0.00
					TOTAL CQC SHEAR		2348.34	0.00	0.00

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*********************************************************
* UNITS - KN    METE                                    *
* TIME PERIOD FOR X 1893 LOADING =    0.31000 SEC       *
* SA/G PER 1893=    2.500, LOAD FACTOR= 1.000           *
*      FACTOR V  PER 1893=    0.0400 X  58007.12        *
* VB Min based on Clause 7.2.2 =      638.08            *
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

1893 RESPONSE SPECTRUM LOAD 10

RESPONSE LOAD CASE 10

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN KN X	Y	Z	GENERALIZED WEIGHT
1	7.057059E+03	4.915710E-03	3.243858E+04	2.022361E+04
2	2.463736E+04	4.847281E-01	1.588569E+04	2.072172E+04
3	1.778647E+04	6.870574E-01	1.208567E+03	7.632534E+03
4	9.486202E+02	5.853919E-02	3.373463E+03	2.187666E+04
5	2.781508E+03	1.111523E+00	1.935593E+03	2.405734E+04
6	1.943831E+03	3.899040E+00	1.358254E+02	8.445110E+03
7	2.940702E+02	4.006551E-02	8.733845E+02	1.652734E+04
8	6.771784E+02	3.526935E-01	4.935364E+02	3.772374E+03
9	8.542603E+00	6.297740E+00	3.904914E+01	8.134947E+02
10	4.674600E+02	1.186190E+01	5.297770E+00	2.330366E+03
11	4.406369E+01	1.359610E-02	3.531852E+02	2.538188E+03
12	2.989421E+00	5.272033E+03	2.693256E-02	1.353058E+03
13	9.485880E+01	1.614103E+03	4.459053E+01	2.862858E+03
14	2.626041E+01	3.050355E+03	1.138788E+01	2.074372E+03
15	7.768719E+00	2.746879E-01	1.077246E-02	4.867040E+00
16	1.556655E+01	2.460735E+01	8.959109E+01	5.809119E+02
17	3.165965E-02	7.552084E+00	8.448043E-02	5.553455E+00
18	1.386759E+00	3.157955E+03	2.285987E-01	8.638025E+02
19	3.285105E+01	1.116623E+02	2.335049E+01	6.817860E+02
20	3.417407E-01	5.171434E+03	5.401729E-01	1.148868E+03
21	1.300304E+01	6.457837E+03	6.771466E+00	1.910759E+03
22	5.628065E+01	5.332038E+02	5.731898E+00	1.570181E+03
23	6.909049E+01	5.075577E+02	5.976561E+01	4.292587E+03
24	1.377915E+00	2.790189E+03	9.931935E-01	9.845197E+02
25	1.314855E-02	5.830792E+02	2.892312E-01	2.561971E+03

CQC MODAL COMBINATION METHOD USED.

DYNAMIC WEIGHT X Y Z	5.778070E+04	5.778070E+04	5.778070E+04	KN
MISSING WEIGHT X Y Z	-8.127141E+02	-2.847405E+04	-7.951674E+02	KN
MODAL WEIGHT X Y Z	5.696799E+04	2.930666E+04	5.698553E+04	KN

RESPONSE LOAD CASE 10

MODE	SPECTRAL ACCELERATION	DESIGN SEISMIC COEFFICIENT X	Y	Z
1	0.74081	-0.0514	0.0000	0.0000
2	0.80186	-0.0557	0.0000	0.0000

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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

3	0.95554	-0.0664	0.0000	0.0000
4	2.26210	-0.1571	0.0000	0.0000
5	2.45959	-0.1708	0.0000	0.0000
6	2.50000	-0.1736	0.0000	0.0000
7	2.50000	-0.1736	0.0000	0.0000
8	2.50000	-0.1736	0.0000	0.0000
9	2.50000	-0.1736	0.0000	0.0000
10	2.50000	-0.1736	0.0000	0.0000
11	2.50000	-0.1736	0.0000	0.0000
12	2.50000	-0.1736	0.0000	0.0000
13	2.50000	-0.1736	0.0000	0.0000
14	2.50000	-0.1736	0.0000	0.0000
15	2.50000	-0.1736	0.0000	0.0000
16	2.50000	-0.1736	0.0000	0.0000
17	2.50000	-0.1736	0.0000	0.0000
18	2.50000	-0.1736	0.0000	0.0000
19	2.50000	-0.1736	0.0000	0.0000
20	2.50000	-0.1736	0.0000	0.0000
21	2.50000	-0.1736	0.0000	0.0000
22	2.50000	-0.1736	0.0000	0.0000
23	2.50000	-0.1736	0.0000	0.0000
24	2.50000	-0.1736	0.0000	0.0000
25	2.50000	-0.1736	0.0000	0.0000

PEAK STORY SHEAR

STORY	LEVEL IN METE	PEAK STORY SHEAR IN KN		
		X	Y	Z
6	21.30	734.31	0.00	0.00
5	18.20	1229.00	0.00	0.00
4	15.10	1575.64	0.00	0.00
3	12.00	1826.15	0.00	0.00
2	8.90	2063.70	0.00	0.00
1	5.80	2321.86	0.00	0.00
BASE	0.00	2348.34	0.00	0.00

MODE	ACCELERATION-G	DAMPING
1	3.21513	0.05000
2	3.48008	0.05000
3	4.14703	0.05000
4	9.81753	0.05000
5	10.67463	0.05000
6	10.85000	0.05000
7	10.85000	0.05000
8	10.85000	0.05000
9	10.85000	0.05000
10	10.85000	0.05000
11	10.85000	0.05000

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MODE	ACCELERATION-G	DAMPING
12	10.85000	0.05000
13	10.85000	0.05000
14	10.85000	0.05000
15	10.85000	0.05000
16	10.85000	0.05000
17	10.85000	0.05000
18	10.85000	0.05000
19	10.85000	0.05000
20	10.85000	0.05000
21	10.85000	0.05000
22	10.85000	0.05000
23	10.85000	0.05000
24	10.85000	0.05000
25	10.85000	0.05000

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MODAL BASE ACTIONS

MODAL BASE ACTIONS FORCES IN KN LENGTH IN METE

MODE	PERIOD	FX	FY	FZ	MOMENTS ARE ABOUT THE ORIGIN MX	MY	MZ
1	1.836	-363.03	-0.30	-778.32	-11970.91	7097.01	5636.01
2	1.696	-1371.84	-6.08	1101.56	17158.18	-40429.08	21170.58
3	1.423	-1180.18	-7.33	-307.64	-4633.34	-14546.25	17918.98
4	0.601	-149.01	-1.17	-281.00	708.28	2249.07	-392.88
5	0.553	-475.07	9.50	396.30	-1375.74	-14872.16	-1097.07
6	0.461	-337.45	15.11	-89.20	-106.12	-4244.29	-351.65
7	0.350	-51.05	0.60	-87.98	-489.42	747.20	262.54
8	0.322	-117.56	-2.68	100.36	569.69	-3357.50	614.14
9	0.280	-1.48	1.27	-3.17	-49.65	-17.36	52.72
10	0.252	-81.15	-12.93	-8.64	200.70	-1363.77	-67.21
11	0.238	-7.65	0.13	-21.66	134.21	249.24	-20.95
12	0.222	-0.52	21.79	-0.05	-686.37	-8.85	500.98
13	0.213	-16.47	67.93	11.29	-387.77	-523.93	1243.40
14	0.211	-4.56	-49.13	3.00	218.46	-154.09	-1014.36
15	0.207	-1.35	-0.25	0.05	3.87	-54.42	-7.72
16	0.195	-2.70	3.40	6.48	37.18	-187.04	-48.48
17	0.192	-0.01	-0.08	-0.01	2.41	0.09	-2.42
18	0.191	-0.24	11.49	0.10	-224.26	-2.59	55.52
19	0.189	-5.70	-10.51	4.81	240.64	-124.11	-55.46
20	0.183	-0.06	-7.30	0.07	50.77	-2.20	-40.48
21	0.176	-2.26	50.31	-1.63	-902.68	-18.07	977.66
22	0.174	-9.77	-30.07	-3.12	487.21	-169.86	-511.32
23	0.172	-11.99	-32.51	-11.16	709.81	30.13	-772.07
24	0.166	-0.24	-10.76	0.20	126.11	-11.03	-165.58
25	0.166	-0.00	-0.48	0.01	1.31	1.31	-3.67

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3-B, RAMANIYAM GAURAVV - 2,
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SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

PARTICIPATION FACTORS

MODE	MASS PARTICIPATION FACTORS IN PERCENT X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	BASE SHEAR IN KN X	Y	Z
1	12.21	0.00	56.14	12.214	0.000	56.141	-363.03	0.00	0.00
2	42.64	0.00	27.49	54.853	0.001	83.634	-1371.84	0.00	0.00
3	30.78	0.00	2.09	85.636	0.002	85.726	-1180.18	0.00	0.00
4	1.64	0.00	5.84	87.277	0.002	91.564	-149.01	0.00	0.00
5	4.81	0.00	3.35	92.091	0.004	94.914	-475.07	0.00	0.00
6	3.36	0.01	0.24	95.455	0.011	95.149	-337.45	0.00	0.00
7	0.51	0.00	1.51	95.964	0.011	96.660	-51.05	0.00	0.00
8	1.17	0.00	0.85	97.136	0.011	97.515	-117.56	0.00	0.00
9	0.01	0.01	0.07	97.151	0.022	97.582	-1.48	0.00	0.00
10	0.81	0.02	0.01	97.960	0.043	97.591	-81.15	0.00	0.00
11	0.08	0.00	0.61	98.036	0.043	98.203	-7.65	0.00	0.00
12	0.01	9.12	0.00	98.042	9.167	98.203	-0.52	0.00	0.00
13	0.16	2.79	0.08	98.206	11.961	98.280	-16.47	0.00	0.00
14	0.05	5.28	0.02	98.251	17.240	98.300	-4.56	0.00	0.00
15	0.01	0.00	0.00	98.265	17.240	98.300	-1.35	0.00	0.00
16	0.03	0.04	0.16	98.292	17.283	98.455	-2.70	0.00	0.00
17	0.00	0.01	0.00	98.292	17.296	98.455	-0.01	0.00	0.00
18	0.00	5.47	0.00	98.294	22.761	98.455	-0.24	0.00	0.00
19	0.06	0.19	0.04	98.351	22.955	98.496	-5.70	0.00	0.00
20	0.00	8.95	0.00	98.352	31.905	98.496	-0.06	0.00	0.00
21	0.02	11.18	0.01	98.374	43.081	98.508	-2.26	0.00	0.00
22	0.10	0.92	0.01	98.471	44.004	98.518	-9.77	0.00	0.00
23	0.12	0.88	0.10	98.591	44.882	98.622	-11.99	0.00	0.00
24	0.00	4.83	0.00	98.593	49.711	98.623	-0.24	0.00	0.00
25	0.00	1.01	0.00	98.593	50.720	98.624	-0.00	0.00	0.00
					TOTAL SRSS SHEAR		-1947.30	0.00	0.00
					TOTAL 10PCT SHEAR		-2223.45	0.00	0.00
					TOTAL ABS SHEAR		-4191.33	0.00	0.00
					TOTAL CSM SHEAR		-2940.66	0.00	0.00
					TOTAL CQC SHEAR		-2348.34	0.00	0.00

1893 RESPONSE SPECTRUM LOAD 11

RESPONSE LOAD CASE 11

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN KN X	Y	Z	GENERALIZED WEIGHT
1	7.057059E+03	4.915710E-03	3.243858E+04	2.022361E+04
2	2.463736E+04	4.847281E-01	1.588569E+04	2.072172E+04
3	1.778647E+04	6.870574E-01	1.208567E+03	7.632534E+03

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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

4	9.486202E+02	5.853919E-02	3.373463E+03	2.187666E+04
5	2.781508E+03	1.111523E+00	1.935593E+03	2.405734E+04
6	1.943831E+03	3.899040E+00	1.358254E+02	8.445110E+03
7	2.940702E+02	4.006551E-02	8.733845E+02	1.652734E+04
8	6.771784E+02	3.526935E-01	4.935364E+02	3.772374E+03
9	8.542603E+00	6.297740E+00	3.904914E+01	8.134947E+02
10	4.674600E+02	1.186190E+01	5.297770E+00	2.330366E+03
11	4.406369E+01	1.359610E-02	3.531852E+02	2.538188E+03
12	2.989421E+00	5.272033E+03	2.693256E-02	1.353058E+03
13	9.485880E+01	1.614103E+03	4.459053E+01	2.862858E+03
14	2.626041E+01	3.050355E+03	1.138788E+01	2.074372E+03
15	7.768719E+00	2.746879E-01	1.077246E-02	4.867040E+00
16	1.556655E+01	2.460735E+01	8.959109E+01	5.809119E+02
17	3.165965E-02	7.552084E+00	8.448043E-02	5.553455E+00
18	1.386759E+00	3.157955E+03	2.285987E-01	8.638025E+02
19	3.285105E+01	1.116623E+02	2.335049E+01	6.817860E+02
20	3.417407E-01	5.171434E+03	5.401729E-01	1.148868E+03
21	1.300304E+01	6.457837E+03	6.771466E+00	1.910759E+03
22	5.628065E+01	5.332038E+02	5.731898E+00	1.570181E+03
23	6.909049E+01	5.075577E+02	5.976561E+01	4.292587E+03
24	1.377915E+00	2.790189E+03	9.931935E-01	9.845197E+02
25	1.314855E-02	5.830792E+02	2.892312E-01	2.561971E+03

CQC MODAL COMBINATION METHOD USED.

DYNAMIC WEIGHT X Y Z	5.778070E+04	5.778070E+04	5.778070E+04	KN
MISSING WEIGHT X Y Z	-8.127141E+02	-2.847405E+04	-7.951674E+02	KN
MODAL WEIGHT X Y Z	5.696799E+04	2.930666E+04	5.698553E+04	KN

RESPONSE LOAD CASE 11

MODE	SPECTRAL ACCELERATION	DESIGN SEISMIC COEFFICIENT		
		X	Y	Z
1	0.74081	0.0000	0.0000	0.0487
2	0.80186	0.0000	0.0000	0.0527
3	0.95554	0.0000	0.0000	0.0628
4	2.26210	0.0000	0.0000	0.1486
5	2.45959	0.0000	0.0000	0.1616
6	2.50000	0.0000	0.0000	0.1643
7	2.50000	0.0000	0.0000	0.1643
8	2.50000	0.0000	0.0000	0.1643
9	2.50000	0.0000	0.0000	0.1643
10	2.50000	0.0000	0.0000	0.1643
11	2.50000	0.0000	0.0000	0.1643
12	2.50000	0.0000	0.0000	0.1643
13	2.50000	0.0000	0.0000	0.1643
14	2.50000	0.0000	0.0000	0.1643
15	2.50000	0.0000	0.0000	0.1643
16	2.50000	0.0000	0.0000	0.1643
17	2.50000	0.0000	0.0000	0.1643

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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

18	2.50000	0.0000	0.0000	0.1643
19	2.50000	0.0000	0.0000	0.1643
20	2.50000	0.0000	0.0000	0.1643
21	2.50000	0.0000	0.0000	0.1643
22	2.50000	0.0000	0.0000	0.1643
23	2.50000	0.0000	0.0000	0.1643
24	2.50000	0.0000	0.0000	0.1643
25	2.50000	0.0000	0.0000	0.1643

PEAK STORY SHEAR

STORY	LEVEL IN METE	PEAK STORY SHEAR IN KN		
		X	Y	Z
6	21.30	0.00	0.00	749.08
5	18.20	0.00	0.00	1241.76
4	15.10	0.00	0.00	1581.25
3	12.00	0.00	0.00	1825.08
2	8.90	0.00	0.00	2061.34
1	5.80	0.00	0.00	2317.13
BASE	0.00	0.00	0.00	2343.07

MODE	ACCELERATION-G	DAMPING
1	3.04252	0.05000
2	3.29324	0.05000
3	3.92439	0.05000
4	9.29046	0.05000
5	10.10155	0.05000
6	10.26750	0.05000
7	10.26750	0.05000
8	10.26750	0.05000
9	10.26750	0.05000
10	10.26750	0.05000
11	10.26750	0.05000
12	10.26750	0.05000
13	10.26750	0.05000
14	10.26750	0.05000
15	10.26750	0.05000
16	10.26750	0.05000
17	10.26750	0.05000
18	10.26750	0.05000
19	10.26750	0.05000
20	10.26750	0.05000
21	10.26750	0.05000
22	10.26750	0.05000
23	10.26750	0.05000
24	10.26750	0.05000
25	10.26750	0.05000

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MODAL BASE ACTIONS

MODAL BASE ACTIONS FORCES IN KN LENGTH IN METE

MODE	PERIOD	FX	FY	FZ	MOMENTS ARE ABOUT THE ORIGIN MX	MY	MZ
1	1.836	736.54	0.61	1579.12	24287.41	-14398.90	-11434.72
2	1.696	-1042.42	-4.62	837.05	13038.03	-30720.96	16086.95
3	1.423	291.12	1.81	75.89	1142.93	3588.20	-4420.17
4	0.601	265.91	2.09	501.46	-1263.96	-4013.56	701.12
5	0.553	-375.02	7.50	312.84	-1086.02	-11740.21	-866.03
6	0.461	84.41	-3.78	22.31	26.55	1061.70	87.96
7	0.350	83.26	-0.97	143.48	798.17	-1218.56	-428.17
8	0.322	-94.97	-2.17	81.08	460.24	-2712.43	496.15
9	0.280	3.00	-2.58	6.41	100.46	35.11	-106.67
10	0.252	8.18	1.30	0.87	-20.22	137.39	6.77
11	0.238	20.49	-0.36	58.02	-359.58	-667.76	56.12
12	0.222	0.05	-1.96	0.00	61.65	0.79	-45.00
13	0.213	-10.68	44.07	7.33	-251.59	-339.93	806.73
14	0.211	-2.84	-30.62	1.87	136.14	-96.02	-632.12
15	0.207	-0.05	-0.01	0.00	0.14	-1.92	-0.27
16	0.195	-6.13	7.71	14.72	84.42	-424.62	-110.06
17	0.192	0.01	0.13	0.01	-3.73	-0.14	3.73
18	0.191	-0.09	4.41	0.04	-86.16	-0.99	21.33
19	0.189	-4.55	-8.39	3.84	191.99	-99.02	-44.25
20	0.183	-0.07	-8.68	0.09	60.41	-2.62	-48.16
21	0.176	1.54	-34.35	1.11	616.43	12.34	-667.64
22	0.174	2.95	9.08	0.94	-147.14	51.30	154.42
23	0.172	10.56	28.61	9.82	-624.73	-26.52	679.53
24	0.166	-0.19	-8.65	0.16	101.32	-8.86	-133.03
25	0.166	-0.01	-2.13	0.05	5.80	5.81	-16.30

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3-B, RAMANIYAM GAURAVV - 2,
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MOBILE: 9841269154

PARTICIPATION FACTORS

MODE	MASS PARTICIPATION FACTORS IN PERCENT						BASE SHEAR IN KN		
	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	12.21	0.00	56.14	12.214	0.000	56.141	0.00	0.00	1579.12
2	42.64	0.00	27.49	54.853	0.001	83.634	0.00	0.00	837.05
3	30.78	0.00	2.09	85.636	0.002	85.726	0.00	0.00	75.89
4	1.64	0.00	5.84	87.277	0.002	91.564	0.00	0.00	501.46
5	4.81	0.00	3.35	92.091	0.004	94.914	0.00	0.00	312.84
6	3.36	0.01	0.24	95.455	0.011	95.149	0.00	0.00	22.31
7	0.51	0.00	1.51	95.964	0.011	96.660	0.00	0.00	143.48
8	1.17	0.00	0.85	97.136	0.011	97.515	0.00	0.00	81.08
9	0.01	0.01	0.07	97.151	0.022	97.582	0.00	0.00	6.41
10	0.81	0.02	0.01	97.960	0.043	97.591	0.00	0.00	0.87
11	0.08	0.00	0.61	98.036	0.043	98.203	0.00	0.00	58.02
12	0.01	9.12	0.00	98.042	9.167	98.203	0.00	0.00	0.00
13	0.16	2.79	0.08	98.206	11.961	98.280	0.00	0.00	7.33
14	0.05	5.28	0.02	98.251	17.240	98.300	0.00	0.00	1.87
15	0.01	0.00	0.00	98.265	17.240	98.300	0.00	0.00	0.00
16	0.03	0.04	0.16	98.292	17.283	98.455	0.00	0.00	14.72
17	0.00	0.01	0.00	98.292	17.296	98.455	0.00	0.00	0.01
18	0.00	5.47	0.00	98.294	22.761	98.455	0.00	0.00	0.04
19	0.06	0.19	0.04	98.351	22.955	98.496	0.00	0.00	3.84
20	0.00	8.95	0.00	98.352	31.905	98.496	0.00	0.00	0.09
21	0.02	11.18	0.01	98.374	43.081	98.508	0.00	0.00	1.11
22	0.10	0.92	0.01	98.471	44.004	98.518	0.00	0.00	0.94
23	0.12	0.88	0.10	98.591	44.882	98.622	0.00	0.00	9.82
24	0.00	4.83	0.00	98.593	49.711	98.623	0.00	0.00	0.16
25	0.00	1.01	0.00	98.593	50.720	98.624	0.00	0.00	0.05
					TOTAL SRSS SHEAR		0.00	0.00	1892.30
					TOTAL 10PCT SHEAR		0.00	0.00	2561.64
					TOTAL ABS SHEAR		0.00	0.00	3658.51
					TOTAL CSM SHEAR		0.00	0.00	3554.78
					TOTAL CQC SHEAR		0.00	0.00	2343.07

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*********************************************************
* UNITS - KN    METE                                    *
* TIME PERIOD FOR Z 1893 LOADING =    0.26000 SEC       *
* SA/G PER 1893=    2.500, LOAD FACTOR= 1.000           *
*      FACTOR V  PER 1893=    0.0400 X  58007.12        *
* VB Min based on Clause 7.2.2 =      638.08            *
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

1893 RESPONSE SPECTRUM LOAD 12

RESPONSE LOAD CASE 12

MODE	MODAL WEIGHT (MODAL MASS TIMES g) IN KN X	Y	Z	GENERALIZED WEIGHT
1	7.057059E+03	4.915710E-03	3.243858E+04	2.022361E+04
2	2.463736E+04	4.847281E-01	1.588569E+04	2.072172E+04
3	1.778647E+04	6.870574E-01	1.208567E+03	7.632534E+03
4	9.486202E+02	5.853919E-02	3.373463E+03	2.187666E+04
5	2.781508E+03	1.111523E+00	1.935593E+03	2.405734E+04
6	1.943831E+03	3.899040E+00	1.358254E+02	8.445110E+03
7	2.940702E+02	4.006551E-02	8.733845E+02	1.652734E+04
8	6.771784E+02	3.526935E-01	4.935364E+02	3.772374E+03
9	8.542603E+00	6.297740E+00	3.904914E+01	8.134947E+02
10	4.674600E+02	1.186190E+01	5.297770E+00	2.330366E+03
11	4.406369E+01	1.359610E-02	3.531852E+02	2.538188E+03
12	2.989421E+00	5.272033E+03	2.693256E-02	1.353058E+03
13	9.485880E+01	1.614103E+03	4.459053E+01	2.862858E+03
14	2.626041E+01	3.050355E+03	1.138788E+01	2.074372E+03
15	7.768719E+00	2.746879E-01	1.077246E-02	4.867040E+00
16	1.556655E+01	2.460735E+01	8.959109E+01	5.809119E+02
17	3.165965E-02	7.552084E+00	8.448043E-02	5.553455E+00
18	1.386759E+00	3.157955E+03	2.285987E-01	8.638025E+02
19	3.285105E+01	1.116623E+02	2.335049E+01	6.817860E+02
20	3.417407E-01	5.171434E+03	5.401729E-01	1.148868E+03
21	1.300304E+01	6.457837E+03	6.771466E+00	1.910759E+03
22	5.628065E+01	5.332038E+02	5.731898E+00	1.570181E+03
23	6.909049E+01	5.075577E+02	5.976561E+01	4.292587E+03
24	1.377915E+00	2.790189E+03	9.931935E-01	9.845197E+02
25	1.314855E-02	5.830792E+02	2.892312E-01	2.561971E+03

CQC MODAL COMBINATION METHOD USED.

DYNAMIC WEIGHT X Y Z	5.778070E+04	5.778070E+04	5.778070E+04	KN
MISSING WEIGHT X Y Z	-8.127141E+02	-2.847405E+04	-7.951674E+02	KN
MODAL WEIGHT X Y Z	5.696799E+04	2.930666E+04	5.698553E+04	KN

RESPONSE LOAD CASE 12

MODE	SPECTRAL ACCELERATION	DESIGN SEISMIC COEFFICIENT X	Y	Z
1	0.74081	0.0000	0.0000	-0.0487
2	0.80186	0.0000	0.0000	-0.0527

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MOBILE: 9841269154

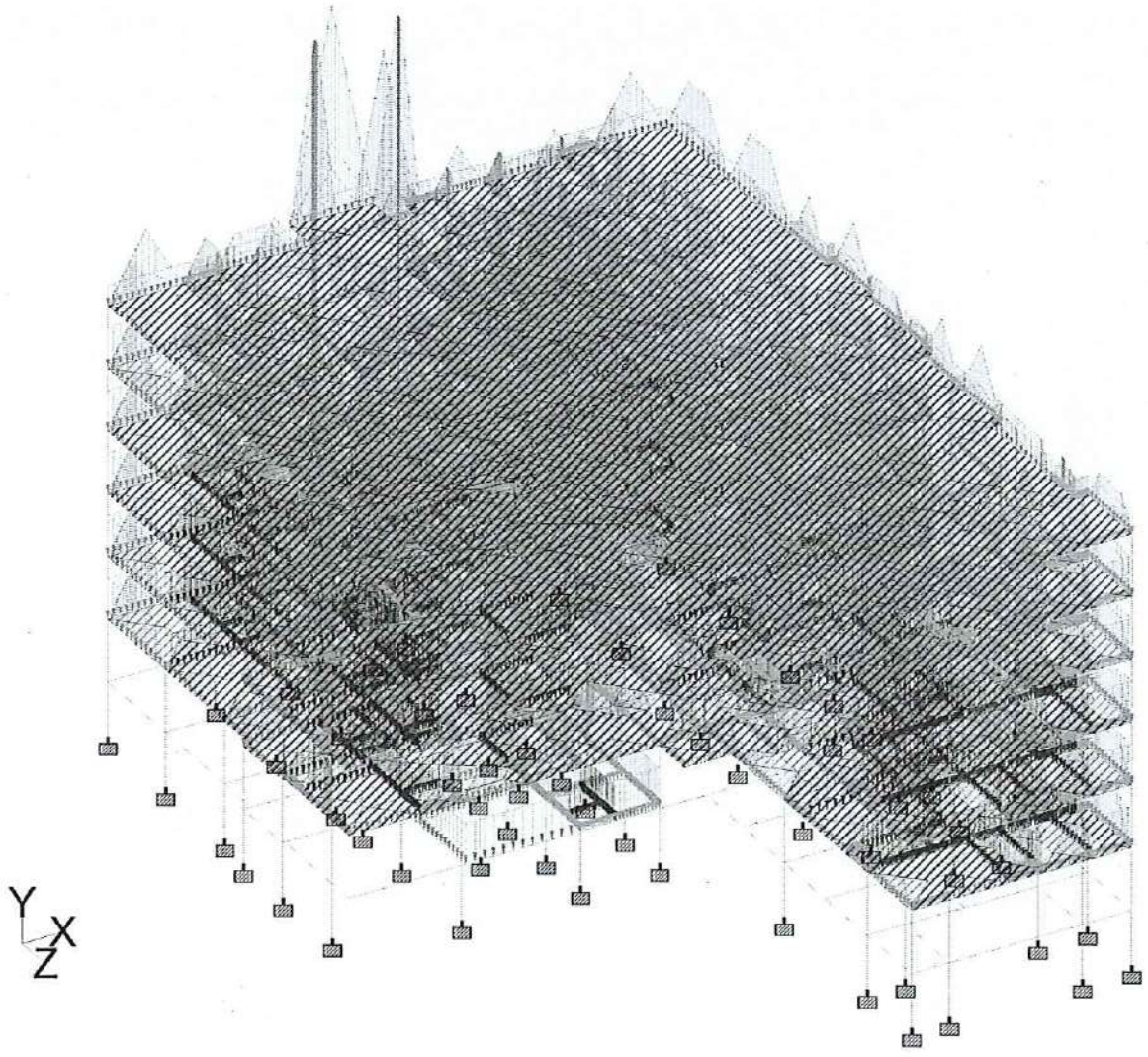
3	0.95554	0.0000	0.0000	-0.0628
4	2.26210	0.0000	0.0000	-0.1486
5	2.45959	0.0000	0.0000	-0.1616
6	2.50000	0.0000	0.0000	-0.1643
7	2.50000	0.0000	0.0000	-0.1643
8	2.50000	0.0000	0.0000	-0.1643
9	2.50000	0.0000	0.0000	-0.1643
10	2.50000	0.0000	0.0000	-0.1643
11	2.50000	0.0000	0.0000	-0.1643
12	2.50000	0.0000	0.0000	-0.1643
13	2.50000	0.0000	0.0000	-0.1643
14	2.50000	0.0000	0.0000	-0.1643
15	2.50000	0.0000	0.0000	-0.1643
16	2.50000	0.0000	0.0000	-0.1643
17	2.50000	0.0000	0.0000	-0.1643
18	2.50000	0.0000	0.0000	-0.1643
19	2.50000	0.0000	0.0000	-0.1643
20	2.50000	0.0000	0.0000	-0.1643
21	2.50000	0.0000	0.0000	-0.1643
22	2.50000	0.0000	0.0000	-0.1643
23	2.50000	0.0000	0.0000	-0.1643
24	2.50000	0.0000	0.0000	-0.1643
25	2.50000	0.0000	0.0000	-0.1643

PEAK STORY SHEAR

STORY	LEVEL IN METE	PEAK STORY SHEAR IN KN		
		X	Y	Z
6	21.30	0.00	0.00	749.08
5	18.20	0.00	0.00	1241.76
4	15.10	0.00	0.00	1581.25
3	12.00	0.00	0.00	1825.08
2	8.90	0.00	0.00	2061.34
1	5.80	0.00	0.00	2317.13
BASE	0.00	0.00	0.00	2343.07

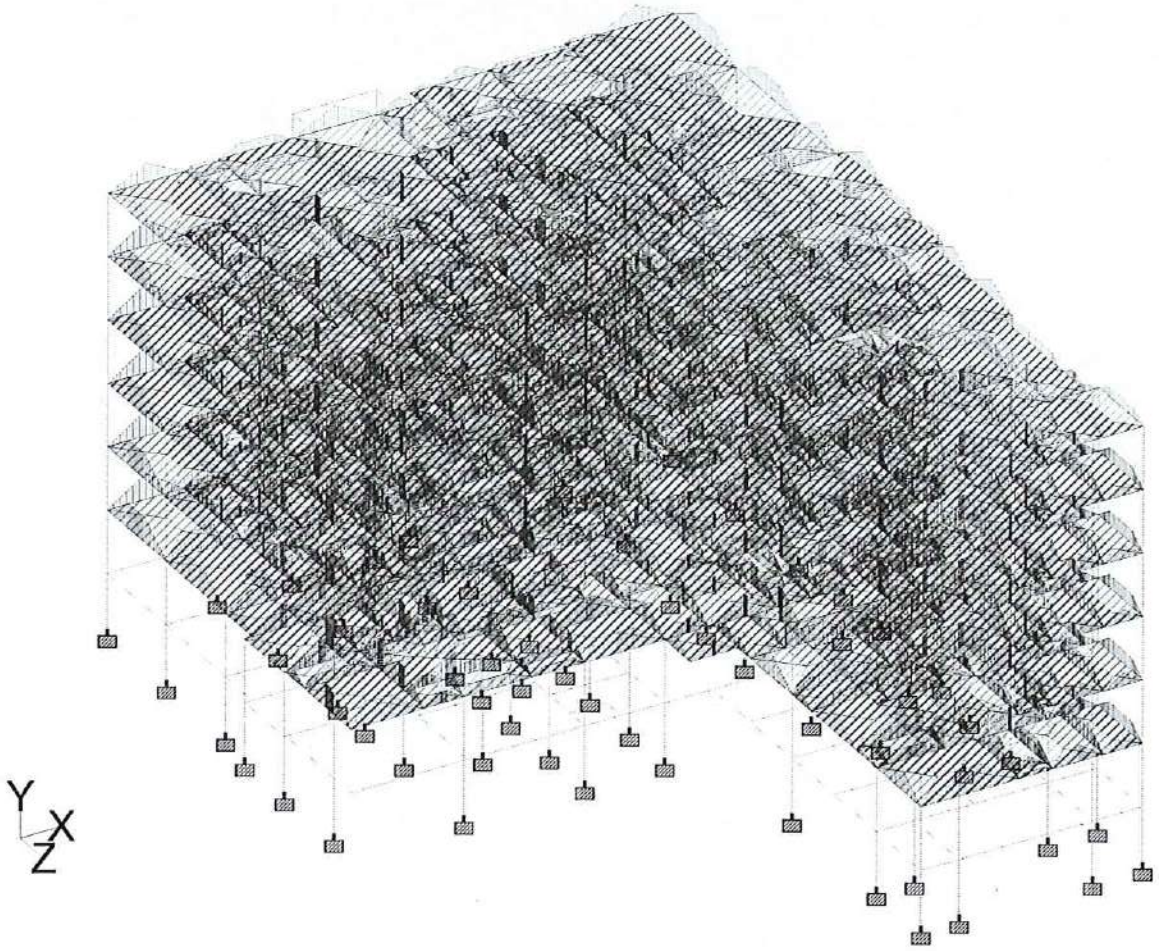
MODE	ACCELERATION-G	DAMPING
1	3.04252	0.05000
2	3.29324	0.05000
3	3.92439	0.05000
4	9.29046	0.05000
5	10.10155	0.05000
6	10.26750	0.05000
7	10.26750	0.05000
8	10.26750	0.05000
9	10.26750	0.05000
10	10.26750	0.05000
11	10.26750	0.05000

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BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154



Load 1

V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154



Load 2

V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

3	0.95554	0.0000	0.0000	-0.0628
4	2.26210	0.0000	0.0000	-0.1486
5	2.45959	0.0000	0.0000	-0.1616
6	2.50000	0.0000	0.0000	-0.1643
7	2.50000	0.0000	0.0000	-0.1643
8	2.50000	0.0000	0.0000	-0.1643
9	2.50000	0.0000	0.0000	-0.1643
10	2.50000	0.0000	0.0000	-0.1643
11	2.50000	0.0000	0.0000	-0.1643
12	2.50000	0.0000	0.0000	-0.1643
13	2.50000	0.0000	0.0000	-0.1643
14	2.50000	0.0000	0.0000	-0.1643
15	2.50000	0.0000	0.0000	-0.1643
16	2.50000	0.0000	0.0000	-0.1643
17	2.50000	0.0000	0.0000	-0.1643
18	2.50000	0.0000	0.0000	-0.1643
19	2.50000	0.0000	0.0000	-0.1643
20	2.50000	0.0000	0.0000	-0.1643
21	2.50000	0.0000	0.0000	-0.1643
22	2.50000	0.0000	0.0000	-0.1643
23	2.50000	0.0000	0.0000	-0.1643
24	2.50000	0.0000	0.0000	-0.1643
25	2.50000	0.0000	0.0000	-0.1643

PEAK STORY SHEAR

STORY	LEVEL IN METE	PEAK STORY SHEAR IN KN		
		X	Y	Z
6	21.30	0.00	0.00	749.08
5	18.20	0.00	0.00	1241.76
4	15.10	0.00	0.00	1581.25
3	12.00	0.00	0.00	1825.08
2	8.90	0.00	0.00	2061.34
1	5.80	0.00	0.00	2317.13
BASE	0.00	0.00	0.00	2343.07

MODE	ACCELERATION-G	DAMPING
1	3.04252	0.05000
2	3.29324	0.05000
3	3.92439	0.05000
4	9.29046	0.05000
5	10.10155	0.05000
6	10.26750	0.05000
7	10.26750	0.05000
8	10.26750	0.05000
9	10.26750	0.05000
10	10.26750	0.05000
11	10.26750	0.05000

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E., A.I.V.,
CMDA REGN NOS-SE/GR-II/19/03/24 QA/R
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

MODE	ACCELERATION-G	DAMPING
12	10.26750	0.05000
13	10.26750	0.05000
14	10.26750	0.05000
15	10.26750	0.05000
16	10.26750	0.05000
17	10.26750	0.05000
18	10.26750	0.05000
19	10.26750	0.05000
20	10.26750	0.05000
21	10.26750	0.05000
22	10.26750	0.05000
23	10.26750	0.05000
24	10.26750	0.05000
25	10.26750	0.05000



V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

MODAL BASE ACTIONS

MODAL BASE ACTIONS FORCES IN KN LENGTH IN METE

MODE	PERIOD	FX	FY	FZ	MOMENTS ARE ABOUT THE ORIGIN MX	MY	MZ
1	1.836	-736.54	-0.61	-1579.12	-24287.41	14398.90	11434.72
2	1.696	1042.42	4.62	-837.05	-13038.03	30720.96	-16086.95
3	1.423	-291.12	-1.81	-75.89	-1142.93	-3588.20	4420.17
4	0.601	-265.91	-2.09	-501.46	1263.96	4013.56	-701.12
5	0.553	375.02	-7.50	-312.84	1086.02	11740.21	866.03
6	0.461	-84.41	3.78	-22.31	-26.55	-1061.70	-87.96
7	0.350	-83.26	0.97	-143.48	-798.17	1218.56	428.17
8	0.322	94.97	2.17	-81.08	-460.24	2712.43	-496.15
9	0.280	-3.00	2.58	-6.41	-100.46	-35.11	106.67
10	0.252	-8.18	-1.30	-0.87	20.22	-137.39	-6.77
11	0.238	-20.49	0.36	-58.02	359.58	667.76	-56.12
12	0.222	-0.05	1.96	-0.00	-61.65	-0.79	45.00
13	0.213	10.68	-44.07	-7.33	251.59	339.93	-806.73
14	0.211	2.84	30.62	-1.87	-136.14	96.02	632.12
15	0.207	0.05	0.01	-0.00	-0.14	1.92	0.27
16	0.195	6.13	-7.71	-14.72	-84.42	424.62	110.06
17	0.192	-0.01	-0.13	-0.01	3.73	0.14	-3.73
18	0.191	0.09	-4.41	-0.04	86.16	0.99	-21.33
19	0.189	4.55	8.39	-3.84	-191.99	99.02	44.25
20	0.183	0.07	8.68	-0.09	-60.41	2.62	48.16
21	0.176	-1.54	34.35	-1.11	-616.43	-12.34	667.64
22	0.174	-2.95	-9.08	-0.94	147.14	-51.30	-154.42
23	0.172	-10.56	-28.61	-9.82	624.73	26.52	-679.53
24	0.166	0.19	8.65	-0.16	-101.32	8.86	133.03
25	0.166	0.01	2.13	-0.05	-5.80	-5.81	16.30

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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

PARTICIPATION FACTORS

	MASS PARTICIPATION FACTORS IN PERCENT						BASE SHEAR IN KN		
MODE	X	Y	Z	SUMM-X	SUMM-Y	SUMM-Z	X	Y	Z
1	12.21	0.00	56.14	12.214	0.000	56.141	0.00	0.00	-1579.12
2	42.64	0.00	27.49	54.853	0.001	83.634	0.00	0.00	-837.05
3	30.78	0.00	2.09	85.636	0.002	85.726	0.00	0.00	-75.89
4	1.64	0.00	5.84	87.277	0.002	91.564	0.00	0.00	-501.46
5	4.81	0.00	3.35	92.091	0.004	94.914	0.00	0.00	-312.84
6	3.36	0.01	0.24	95.455	0.011	95.149	0.00	0.00	-22.31
7	0.51	0.00	1.51	95.964	0.011	96.660	0.00	0.00	-143.48
8	1.17	0.00	0.85	97.136	0.011	97.515	0.00	0.00	-81.08
9	0.01	0.01	0.07	97.151	0.022	97.582	0.00	0.00	-6.41
10	0.81	0.02	0.01	97.960	0.043	97.591	0.00	0.00	-0.87
11	0.08	0.00	0.61	98.036	0.043	98.203	0.00	0.00	-58.02
12	0.01	9.12	0.00	98.042	9.167	98.203	0.00	0.00	-0.00
13	0.16	2.79	0.08	98.206	11.961	98.280	0.00	0.00	-7.33
14	0.05	5.28	0.02	98.251	17.240	98.300	0.00	0.00	-1.87
15	0.01	0.00	0.00	98.265	17.240	98.300	0.00	0.00	-0.00
16	0.03	0.04	0.16	98.292	17.283	98.455	0.00	0.00	-14.72
17	0.00	0.01	0.00	98.292	17.296	98.455	0.00	0.00	-0.01
18	0.00	5.47	0.00	98.294	22.761	98.455	0.00	0.00	-0.04
19	0.06	0.19	0.04	98.351	22.955	98.496	0.00	0.00	-3.84
20	0.00	8.95	0.00	98.352	31.905	98.496	0.00	0.00	-0.09
21	0.02	11.18	0.01	98.374	43.081	98.508	0.00	0.00	-1.11
22	0.10	0.92	0.01	98.471	44.004	98.518	0.00	0.00	-0.94
23	0.12	0.88	0.10	98.591	44.882	98.622	0.00	0.00	-9.82
24	0.00	4.83	0.00	98.593	49.711	98.623	0.00	0.00	-0.16
25	0.00	1.01	0.00	98.593	50.720	98.624	0.00	0.00	-0.05
					TOTAL SRSS SHEAR		0.00	0.00	-1892.30
					TOTAL 10PCT SHEAR		0.00	0.00	-2561.64
					TOTAL ABS SHEAR		0.00	0.00	-3658.51
					TOTAL CSM SHEAR		0.00	0.00	-3554.78
					TOTAL CQC SHEAR		0.00	0.00	-2343.07

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 1580. DEFINE ENVELOPE
 1581. 3 17 TO 32 ENVELOPE 1 TYPE SERVICEABILITY
 1582. 4 33 TO 56 ENVELOPE 2 TYPE STRENGTH
 1583. END DEFINE ENVELOPE
 1584. PRINT DIA CR
DIA      CR
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V. JAGEN, B.E.,M.E., (Struct), ..M.I.E.,A.I.V.,
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

CENTRE OF RIGIDITY UNIT - METE

DIAPHRAM	FL. LEVEL	X-COORDINATE	Z-COORDINATE
1	5.800	14.916	19.003
2	8.900	14.953	19.092
3	12.000	14.946	19.122
4	15.100	14.933	19.055
5	18.200	14.912	18.928
6	21.300	14.896	18.787

1585. PRINT STORY STIFFNESS
STORY STIFFNES

STORY STIFFNESS UNIT - METE KN

DIAPHRAM	FL. LEVEL	LATERAL-X	LATERAL-Z	ROTATIONAL-Y
1	5.800	2.342E+05	1.985E+05	1.550E+07
2	8.900	3.591E+05	2.768E+05	6.865E+07
3	12.000	3.194E+05	2.594E+05	6.223E+07
4	15.100	3.090E+05	2.545E+05	6.044E+07
5	18.200	2.975E+05	2.525E+05	5.849E+07
6	21.300	2.739E+05	2.376E+05	5.399E+07

1586. FINISH

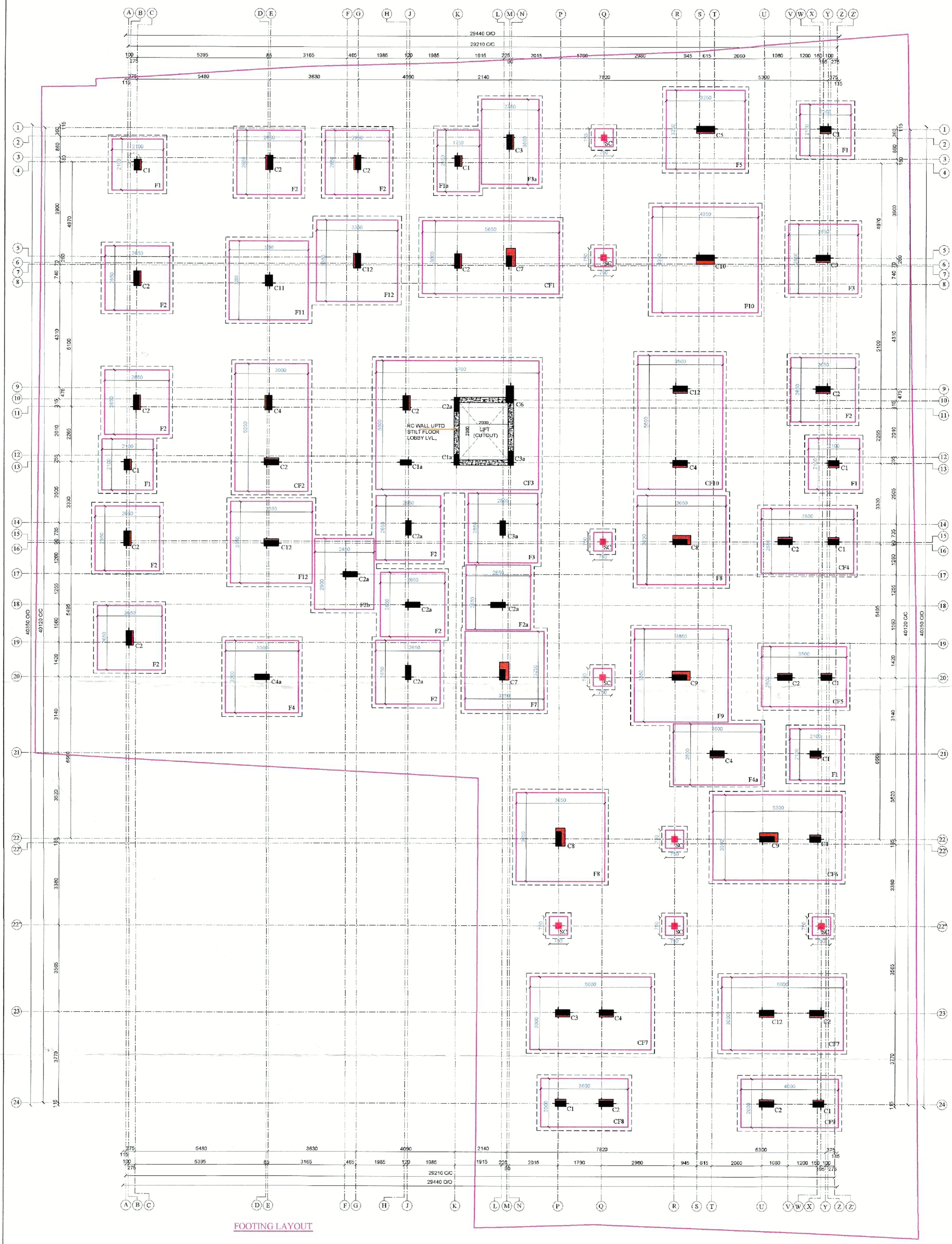
V. JAGEN, B.E.,M.E., (Struct), M.I.E.,A.I.V.,
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

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

**** DATE= MAY 27,2024 TIME= 9:23:46 ****

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*   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                      *
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MOBILE: 9841269154



FOOTING LAYOUT

PROJECT TITLE :

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30 m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR No.10 &12, OLD DOOR No. 51& 52,THIRU-VI-KA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI- 600 004. COMPRISED IN OLD S.No. 2791 AND R.S.No.1724/ 3 PART AS PER DOCUMENT AND R.S.No: 1724 /3,1724 /30, 1724/53 AND 1724/ 99 AS PER PATTA, BLOCK NO: 36 OF MYLAPORE (PART 2) VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE : IX, DIVISION NO -121.

NOTES **STILT+5**

- REFER ARCH. DWG. FOR CENTRE LINE DIMENSIONS.
- CONCRETE MIX SHALL BE M40 FOR STILT FLOOR COLUMN, M30 FOR TYPICAL FLOOR COLUMN & M25 FOR ALL OTHER R.C.C WORKS.
- ALL REINFORCEMENTS ARE OF Fe500D GRADE.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
  - (i) SLAB 20mm
  - (ii) COLUMN 40mm
  - (iii) BEAM 25mm
  - (iv) R.C WALL 25mm
  - (v) FOOTING 40mm
- LAP LENGTH SHALL BE 50 x DIA OF THE BAR

NORTH POINT :

N

SIGNATURE :

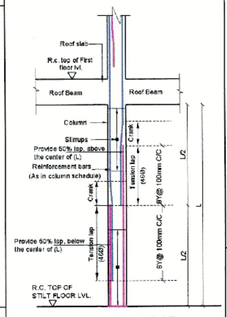
V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
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3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154

COLUMN TYPE	FLOORS	NO OF COLUMNS	COLUMN SIZE	REINFORCEMENT	SHAPE OF TIES
C1	300X450 STILT FLOOR	11 Nos.	70, 230 / 450 / 320	6 Nos -25Y (b) + 4 Nos -12Y (d) TIES 8Y @ 100C/C FOR L ONLY. (For 230mm width) 8Y @ 300C/C FOR L ONLY. (For 300mm width)	
	230X450 FIRST FLOOR		230 / 450	8 Nos -25Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 SECOND& THIRD FLOOR		230 / 450	4 Nos-25Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 FOURTH & FIFTH FLOOR		230 / 450	8 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
C2	300X600 STILT FLOOR	15 Nos.	70, 230 / 600 / 300	10 Nos-25Y (b) + 5 Nos-12Y (d) TIES 6Y @ 100C/C FOR L ONLY. (For 230mm width) 6Y @ 300C/C FOR L ONLY. (For 300mm width)	
	230X600 FIRST FLOOR		230 / 600	10 Nos-25Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 SECOND& THIRD FLOOR		230 / 600	6 Nos-25Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 FOURTH & FIFTH FLOOR		230 / 600	4 Nos-25Y (b) + 6 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
C3	300X600 STILT FLOOR	9 Nos.	70, 230 / 600 / 300	12 Nos-25Y (b) + 6 Nos-12Y (d) TIES 8Y @ 100C/C FOR L ONLY. (For 230mm width) 8Y @ 300C/C FOR L ONLY. (For 300mm width)	
	230X600 FIRST FLOOR		230 / 600	12 Nos-25Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 SECOND& THIRD FLOOR		230 / 600	4 Nos-25Y (b) + 8 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 FOURTH & FIFTH FLOOR		230 / 600	12 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
C4	300X600 STILT FLOOR	4 Nos.	70, 230 / 600 / 300	8 Nos-25Y (a) + 4 Nos-12Y (d) TIES. 8Y @ 100C/C FOR L ONLY. (For 230mm width) 8Y @ 300C/C FOR L ONLY. (For 300mm width)	
	230X600 FIRST FLOOR		230 / 600	8 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 SECOND& THIRD FLOOR		230 / 600	4 Nos-25Y (a) + 4 Nos-20Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 FOURTH & FIFTH FLOOR		230 / 600	4 Nos-20Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
C5	300X750 STILT FLOOR	1 Nos.	70, 230 / 750 / 300	10 Nos-25Y (a) + 4 Nos-12Y (d) TIES 8Y @ 100C/C FOR L ONLY. (For 230mm width) 8Y @ 300C/C FOR L ONLY. (For 300mm width)	
	230X750 FIRST FLOOR		230 / 750	10 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X750 SECOND& THIRD FLOOR		230 / 750	4 Nos-25Y (a) + 6 Nos-20Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X750 FOURTH & FIFTH FLOOR		230 / 750	4 Nos-20Y (b) + 8 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	

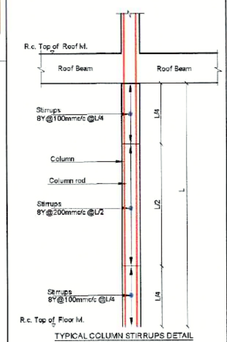
COLUMN TYPE	FLOORS	NO OF COLUMNS	COLUMN SIZE	REINFORCEMENT	SHAPE OF TIES
C1a	230X450 STILT FLOOR	2 Nos.	230 / 450	8 Nos -25Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 FIRST FLOOR				
	230X450 SECOND& THIRD FLOOR		230 / 450	4 Nos-25Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 FOURTH & FIFTH FLOOR		230 / 450	8 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
C2a	230X600 STILT FLOOR	6 Nos.	230 / 600	10 Nos-20Y (b) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
	230X600 FIRST FLOOR				
	230X600 SECOND& THIRD FLOOR		230 / 600	6 Nos-20Y (b) + 4 Nos-16Y (c) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
	230X600 FOURTH & FIFTH FLOOR		230 / 600	4 Nos-20Y (b) + 6 Nos-16Y (c) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
C3a	230X600 STILT FLOOR	2 Nos.	230 / 600	12 Nos-20Y (b) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
	230X600 FIRST FLOOR				
	230X600 SECOND& THIRD FLOOR		230 / 600	4 Nos-20Y (b) + 8 Nos-16Y (c) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
	230X600 FOURTH & FIFTH FLOOR		230 / 600	12 Nos-16Y (c) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
C4a	230X600 STILT FLOOR	1 Nos.	230 / 600	8 Nos-25Y (a) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
	230X600 FIRST FLOOR				
	230X600 SECOND& THIRD FLOOR		230 / 600	4 Nos-25Y (a) + 4 Nos-20Y (b) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
	230X600 FOURTH & FIFTH FLOOR		230 / 600	4 Nos-20Y (b) + 4 Nos-16Y (c) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
C5a	320X700 STILT FLOOR	1 Nos.	320 / 700	12 Nos-25Y (a) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
	320X700 FIRST FLOOR				
	320X700 SECOND& THIRD FLOOR		320 / 700	6 Nos-25Y (a) + 6 Nos-20Y (b) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	
	320X700 FOURTH & FIFTH FLOOR		320 / 700	12 Nos-20Y (b) TIES 6Y @ 100C/C @ SUP.FOR L/4 6Y @ 200C/C @ MID.FOR L/2	

COLUMN TYPE	FLOORS	NO OF COLUMNS	COLUMN SIZE	REINFORCEMENT	SHAPE OF TIES
C7	380X750 STILT FLOOR	2 Nos.	380 / 750	12 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 FIRST & SECOND FLOOR		230 / 450	8 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 THIRD & FOURTH FLOOR		230 / 450	4 Nos-25Y (a) + 4 Nos-20Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 FIFTH FLOOR		230 / 450	4 Nos-20Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
C8	380X750 STILT FLOOR	2 Nos.	380 / 750	12 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 FIRST & SECOND FLOOR		230 / 600	10 Nos-25Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 THIRD & FOURTH FLOOR		230 / 600	6 Nos-20Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 FIFTH FLOOR		230 / 600	4 Nos-20Y (b) + 8 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
C9	380X750 STILT FLOOR	2 Nos.	380 / 750	12 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 FIRST & SECOND FLOOR		230 / 600	8 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 THIRD & FOURTH FLOOR		230 / 600	4 Nos-25Y (a) + 4 Nos-20Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 FIFTH FLOOR		230 / 600	4Nos-20Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
C10	350X750 STILT FLOOR	1 Nos.	350 / 750	14 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X750 FIRST & SECOND FLOOR		230 / 750	8 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X750 THIRD & FOURTH FLOOR		230 / 750	4 Nos-25Y (a) + 4 Nos-20Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X750 FIFTH FLOOR		230 / 750	4 Nos-20Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	

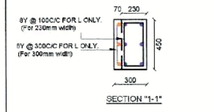
COLUMN TYPE	FLOORS	NO OF COLUMNS	COLUMN SIZE	REINFORCEMENT	SHAPE OF TIES
C11	300X450 STILT FLOOR	01 Nos.	300 / 450	10 Nos -25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	300X450 FIRST FLOOR		300 / 450	4 Nos-25Y (a) + 6 Nos-20Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	300X450 SECOND& THIRD FLOOR		300 / 450	4 Nos-20Y (b) + 8 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	300X450 FOURTH & FIFTH FLOOR				
C12	300X600 STILT FLOOR	04 Nos.	70, 230 / 600 / 300	10 Nos -25Y (a) + 5 Nos-12Y (c) TIES 6Y @ 100C/C FOR L ONLY. (For 230mm width) 6Y @ 300C/C FOR L ONLY. (For 300mm width)	
	230X600 FIRST FLOOR		230 / 600	10 Nos -25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 SECOND& THIRD FLOOR		230 / 600	4 Nos-25Y (a) + 6 Nos-20Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X600 FOURTH & FIFTH FLOOR		230 / 600	4 Nos-20Y (b) + 6 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
FC1	230X450 FIRST & SECOND FLOOR	02 Nos.	230 / 450	8 Nos-25Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 THIRD & FOURTH FLOOR		230 / 450	4 Nos-20Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 FIFTH FLOOR		230 / 450	8 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
FC2	230X450 FIRST & SECOND FLOOR	01 Nos.	230 / 450	10 Nos-25Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 THIRD & FOURTH FLOOR				
	230X450 FIFTH FLOOR		230 / 450	6 Nos-20Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
FC3	230X450 FIRST & SECOND FLOOR	01 Nos.	230 / 450	8 Nos-25Y (a) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 THIRD & FOURTH FLOOR		230 / 450	4 Nos-25Y (a) + 4 Nos-20Y (b) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	
	230X450 FIFTH FLOOR		230 / 450	4 Nos-20Y (b) + 4 Nos-16Y (c) TIES 8Y @ 100C/C @ SUP.FOR L/4 8Y @ 200C/C @ MID.FOR L/2	



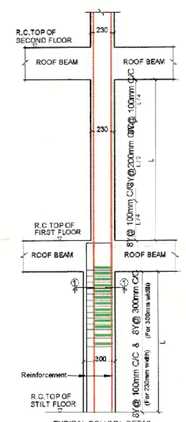
TYPICAL COLUMN REINFORCEMENT LAPPING DETAIL AT FLOOR LEVEL



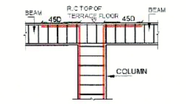
TYPICAL COLUMN STIRRUPS DETAIL FOR OTHER FLOORS



SECTION "1-1"



TYPICAL COLUMN DETAIL



TYPICAL COLUMN TERMINATION DETAIL

NOTE Avoid column reinforcement lapping in beam column joints

NOTE:
TOTAL NUMBER OF COLUMNS = 56 Nos.

25mm = (a)
20mm = (b)
16mm = (c)
12mm = (d)
10mm = (e)
8mm = (f)

SLUMP VALUE OF CONCRETE	
RC MEMBER	Slump Value
Column	150 ± 25mm

PROJECT TITLE :

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30 m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR No.10 &12, OLD DOOR No. 51& 52,THIRUVIKA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI- 600 004, COMPRISED IN OLD S.No. 2791 AND R.S.No.1724/3 PART AS PER DOCUMENT AND R.S.No: 1724/3,1724 /30, 1724/53 AND 1724/ 99 AS PER PATTA, BLOCK NO: 38 OF MYLAPORE (PART 2) VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE : IX, DIVISION NO -121.

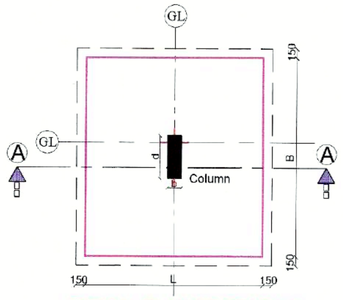
NOTES — STILT+5

- REFER ARCH. DWG. FOR CENTRE LINE DIMENSIONS
- CONCRETE MIX SHALL BE M40 FOR STILT FLOOR COLUMN, M30 FOR TYPICAL FLOOR COLUMN & M25 FOR ALL OTHER R.C.C WORKS.
- ALL REINFORCEMENTS ARE OF Fe500D GRADE
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
  - (i) SLAB 20mm
  - (ii) COLUMN 40mm
  - (iii) BEAM 25mm
  - (iv) R.C WALL 25mm
  - (v) FOOTING 40mm
- LAP LENGTH SHALL BE 50 x DIA OF THE BAR

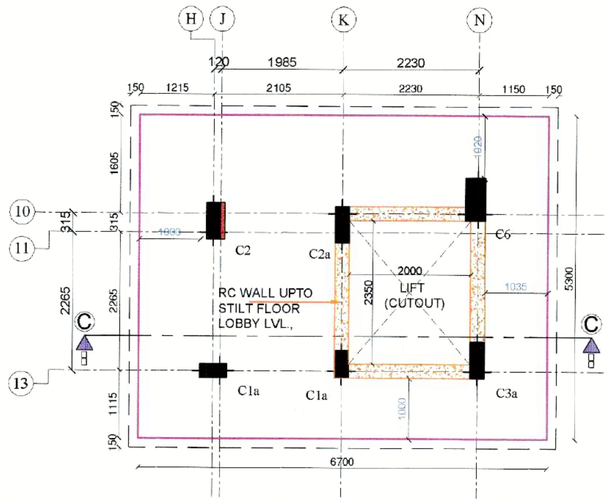
NORTH POINT :

SIGNATURE :

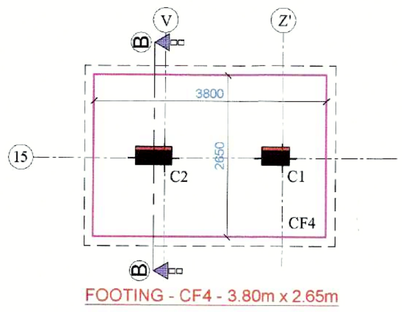
V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/004/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119,
MOBILE: 9841269154



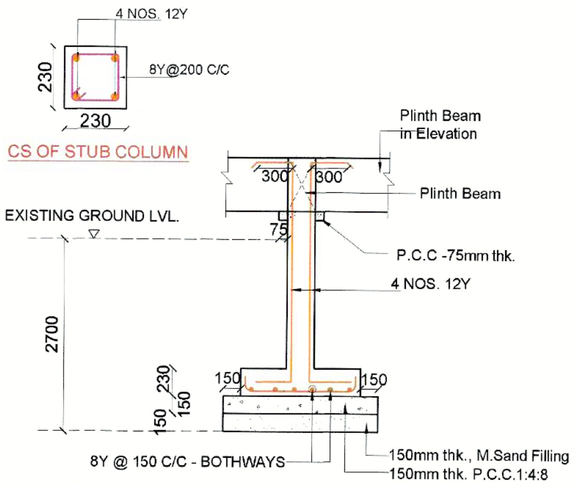
TYPICAL PLAN OF FOOTING



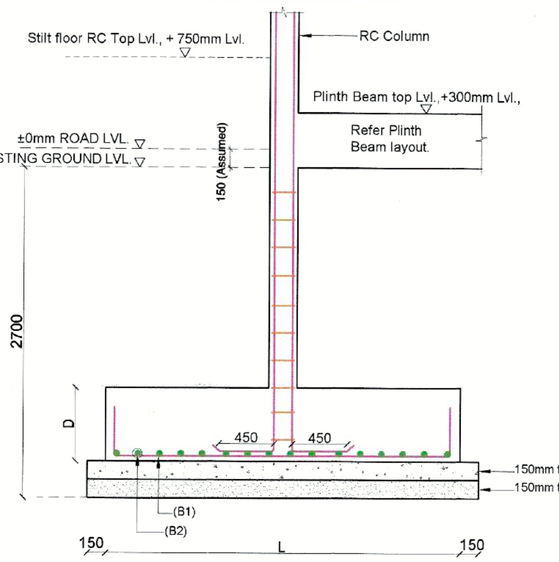
COMBINED FOOTING - CF3



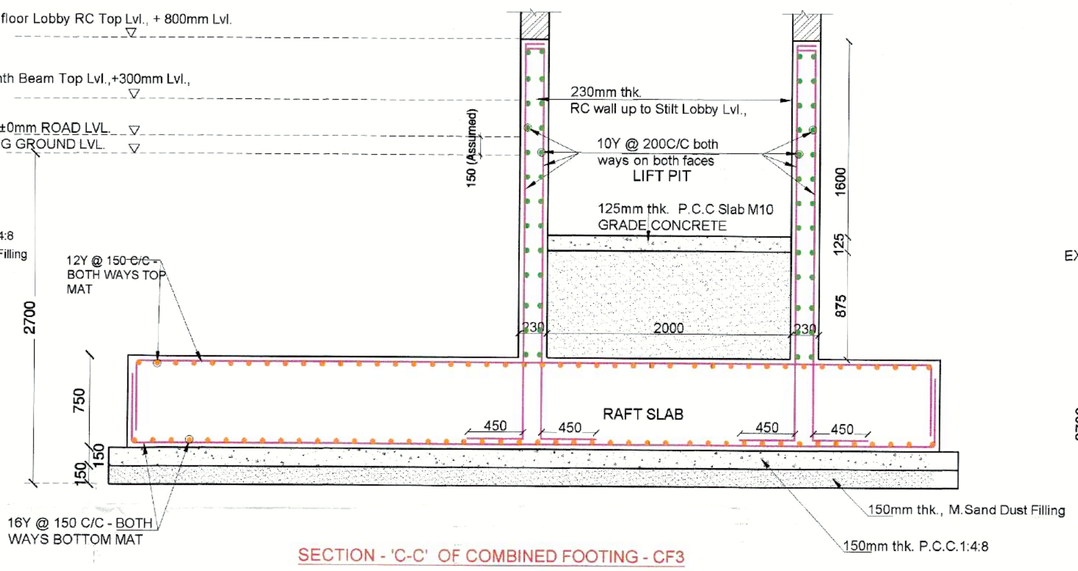
FOOTING - CF4 - 3.80m x 2.65m



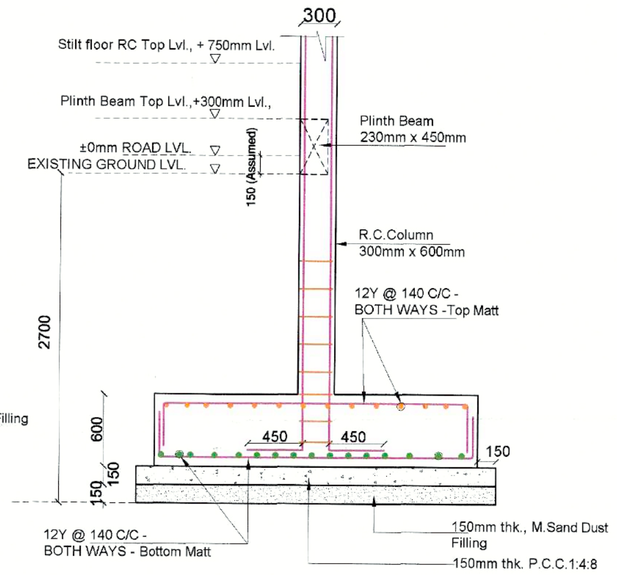
DETAIL OF STUB COLUMN UP TO PLINTH BEAM TOP LVL (SC)



SECTION - 'A-A' (TYPICAL SECTION OF FOOTING)



SECTION - 'C-C' OF COMBINED FOOTING - CF3



SECTION -'B - B' OF COMBINED FOOTING - CF4 - 3.80m x 2.65m

SCHEDULE OF FOOTINGS

FOOTING NO.	L (mm)	B (mm)	D (mm)	REINFORCEMENT			
				B1	B2	T1	T2
F1	2100	2100	575	12Y@175 C/C	12Y@175 C/C	-	-
F1a	1750	2550	575	12Y@175 C/C	12Y@175 C/C	-	-
F2	2650	2650	625	12Y@150 C/C	12Y@150 C/C	-	-
F2a	2650	2650	625	12Y@150 C/C	12Y@150 C/C	10Y@150 C/C	10Y@150 C/C
F2b	2450	2900	625	12Y@150 C/C	12Y@150 C/C	10Y@150 C/C	10Y@150 C/C
F3	2850	2850	675	12Y@140 C/C	12Y@140 C/C	-	-
F3a	2350	3500	675	12Y@140 C/C	12Y@140 C/C	-	-
F4	3000	3000	725	12Y@125 C/C	12Y@125 C/C	-	-
F4a	3600	2500	725	12Y@125 C/C	12Y@125 C/C	-	-
F5	3250	3250	750	16Y@175 C/C	16Y@175 C/C	-	-
F7	3250	3250	750	16Y@175 C/C	16Y@175 C/C	-	-
F8	3650	3650	800	16Y@150 C/C	16Y@150 C/C	-	-
F9	3850	3850	850	16Y@150 C/C	16Y@150 C/C	-	-
F10	4350	4350	950	16Y@125 C/C	16Y@125 C/C	-	-
F11	3250	3250	725	16Y@175 C/C	16Y@175 C/C	-	-
F12	3350	3350	750	16Y@175 C/C	16Y@175 C/C	-	-
CF1	5650	3000	850	16Y@125 C/C	16Y@125 C/C	16Y@175 C/C	16Y@175 C/C
CF2	3000	5250	650	16Y@150 C/C	16Y@150 C/C	12Y@140 C/C	12Y@140 C/C
CF3	6700	5300	750	16Y@150 C/C	16Y@150 C/C	12Y@150 C/C	12Y@150 C/C
CF4	3800	2650	600	12Y@140 C/C	12Y@140 C/C	12Y@140 C/C	12Y@140 C/C
CF5	3500	2500	600	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C
CF6	5300	3500	900	16Y@110 C/C	16Y@110 C/C	16Y@175 C/C	16Y@175 C/C
CF7	5000	3000	700	16Y@125 C/C	16Y@125 C/C	12Y@125 C/C	12Y@125 C/C
CF8	3600	2000	600	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C
CF9	4000	2000	600	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C
CF10	3500	5500	800	12Y@110 C/C	12Y@110 C/C	12Y@110 C/C	12Y@110 C/C

PROJECT TITLE :

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30 m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR No.10 &12, OLD DOOR No. 51& 52,THIRU-VI-KA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI- 600 004. COMPRISED IN OLD S.No. 2791 AND R.S.No.1724/ 3 PART AS PER DOCUMENT AND R.S.No: 1724 /3,1724 /30, 1724/53 AND 1724/ 99 AS PER PATTA, BLOCK NO: 36 OF MYLAPORE (PART 2) VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE : IX, DIVISION NO -121.

NOTES **STILT+5**

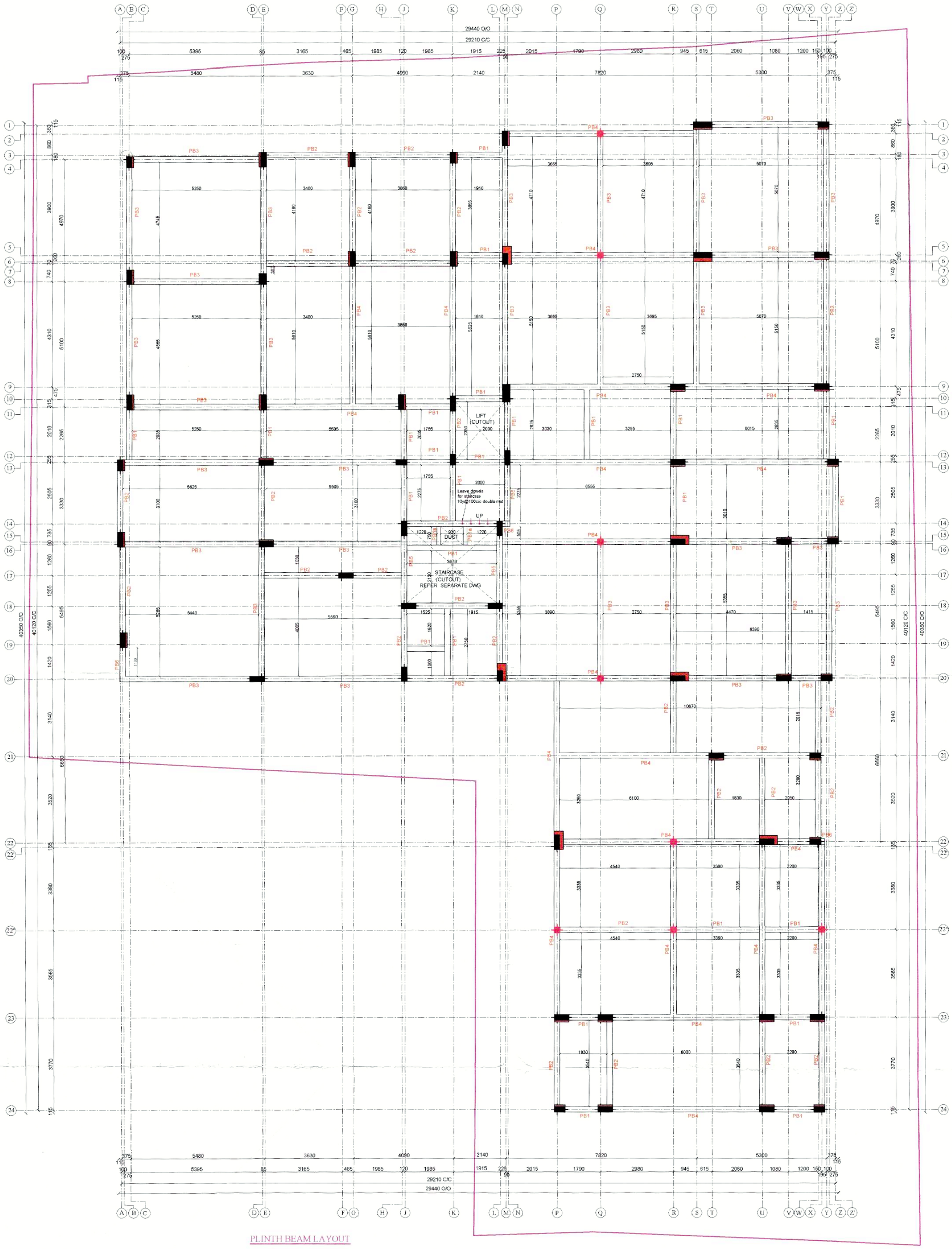
- REFER ARCH. DWG. FOR CENTRE LINE DIMENSIONS.
- CONCRETE MIX SHALL BE M40 FOR STILT FLOOR COLUMN, M30 FOR TYPICAL FLOOR COLUMN & M25 FOR ALL OTHER R.C.C WORKS,
- ALL REINFORCEMENTS ARE OF Fe500D GRADE.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
  - (i) SLAB 20mm
  - (ii) COLUMN 40mm
  - (iii) BEAM 25mm
  - (iv) R.C WALL 25mm
  - (v) FOOTING 40mm
- LAP LENGTH SHALL BE 50 x DIA OF THE BAR

NORTH POINT :

N

SIGNATURE :

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154



PB1 - 230 x 450
2x16Y
8Y@100mm C/C for L/4 dist.&
8Y@200mm C/C for mid span
2x16Y
75mm thk.P.C.C
75mmThk. M.Sand filling

PB1a - 150 x 450
2x12Y
8Y@100mm C/C for L/4 dist.&
8Y@200mm C/C for mid span
2x12Y
75mm thk.P.C.C
75mmThk. M.Sand filling

PB2 - 230 x 450
2x16Y
8Y@100mm C/C for L/4 dist.&
8Y@200mm C/C for mid span
3x16Y
75mm thk.P.C.C
75mmThk. M.Sand filling

PB3 - 230 x 450
2x16Y+ 1x20Y for L/4 dist.
8Y@100mm C/C for L/4 dist.&
8Y@200mm C/C for mid span
2x20Y+1x16Y
75mm thk.P.C.C
75mmThk. M.Sand filling

PB4 - 230 x 600
2x20Y
8Y@100mm C/C for L/4 dist.&
8Y@200mm C/C for mid span
2x20Y in 2nd layer
2x20Y
75mm thk.P.C.C
75mmThk. M.Sand filling

PB5 - 230 x 600
2x16Y
8Y@100mm C/C for L/4 dist.&
8Y@200mm C/C for mid span
3x16Y
75mm thk.P.C.C
75mmThk. M.Sand filling

PB6 - 230 x 450
3x20Y
Provide back anchorage into beam
10Y@100mm C/C for L/4 dist.&
2x16Y
75mm thk.P.C.C
75mmThk. M.Sand filling

PLINTH BEAM LAYOUT

PROJECT TITLE :

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30 m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR No.10 &12, OLD DOOR No. 51& 52,THIRU-VI-KA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI- 600 004. COMPRISED IN OLD S.No. 2791 AND R.S.No.1724/ 3 PART AS PER DOCUMENT AND R.S.No: 1724 /3,1724 /30, 1724/53 AND 1724/ 99 AS PER PATTA, BLOCK NO: 36 OF MYLAPORE (PART 2) VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE : IX, DIVISION NO -121.

NOTES **STILT+5**

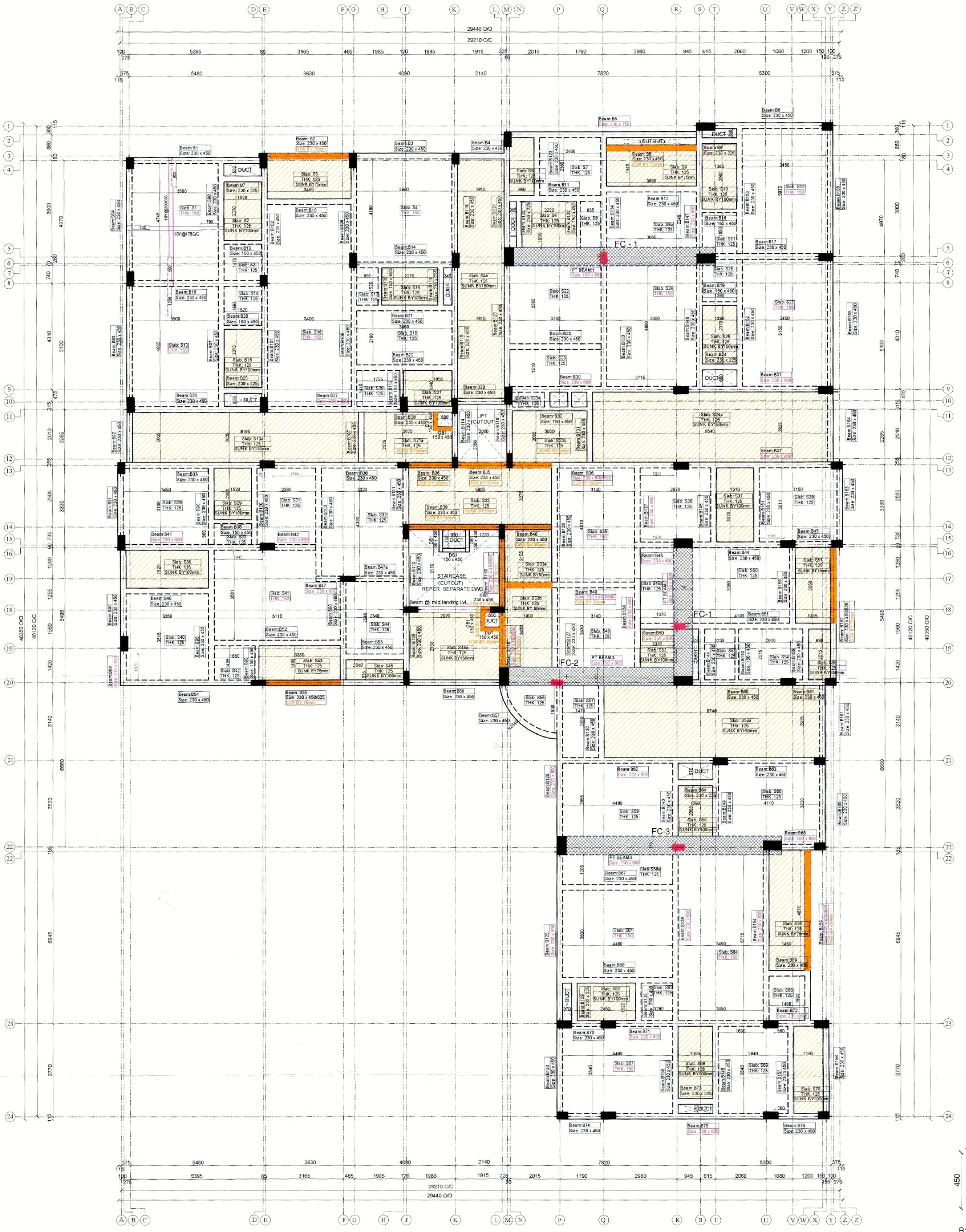
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- ALL REINFORCEMENTS ARE OF Fe500D GRADE.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
  - (i) SLAB 20mm
  - (ii) COLUMN 40mm
  - (iii) BEAM 25mm
  - (iv) R.C WALL 25mm
  - (v) FOOTING 40mm
- LAP LENGTH SHALL BE 50 x DIA OF THE BAR

NORTH POINT :

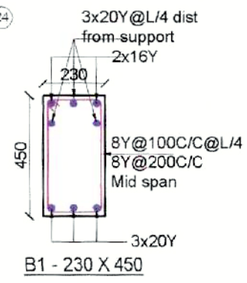
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SIGNATURE :

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154



STILT FLOOR ROOF BEAM LAYOUT



B1 - 230 X 450

PROJECT TITLE :

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30 m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR No.10 &12, OLD DOOR No. 51& 52,THIRU-VI-KA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI- 600 004. COMPRISED IN OLD S.No. 2791 AND R.S.No.1724/ 3 PART AS PER DOCUMENT AND R.S.No: 1724 /3,1724 /30, 1724/53 AND 1724/ 99 AS PER PATTA, BLOCK NO: 36 OF MYLAPORE (PART 2) VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE : IX, DIVISION NO -121.

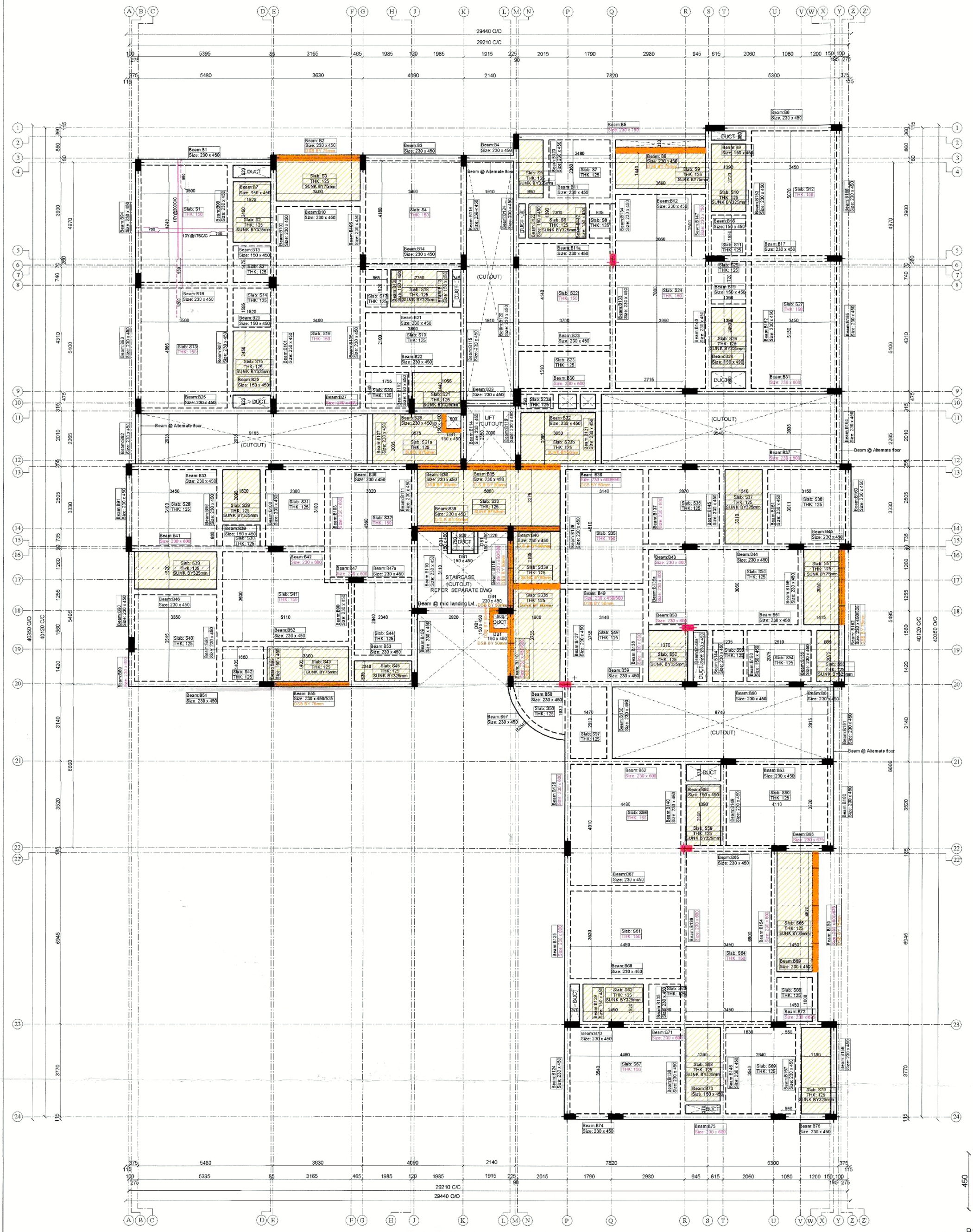
NOTES **STILT+5**

- REFER ARCH. DWG. FOR CENTRE LINE DIMENSIONS.
- CONCRETE MIX SHALL BE M40 FOR STILT FLOOR COLUMN, M30 FOR TYPICAL FLOOR COLUMN & M25 FOR ALL OTHER R.C.C WORKS.
- ALL REINFORCEMENTS ARE OF Fe500D GRADE.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
  - (i) SLAB 20mm
  - (ii) COLUMN 40mm
  - (iii) BEAM 25mm
  - (iv) R.C WALL 25mm
  - (v) FOOTING 40mm
- LAP LENGTH SHALL BE 50 x DIA OF THE BAR

NORTH POINT :

SIGNATURE :

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154



TYPICAL FLOOR ROOF BEAM LAYOUT
(FIRST, SECOND, THIRD AND FOURTH)

PROJECT TITLE :

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30 m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR No.10 &12, OLD DOOR No. 51& 52,THIRU-VI-KA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI- 600 004. COMPRISED IN OLD S.No. 2791 AND R.S.No.1724/ 3 PART AS PER DOCUMENT AND R.S.No: 1724 /3,1724 /30, 1724/53 AND 1724/ 99 AS PER PATTA, BLOCK NO: 36 OF MYLAPORE (PART 2) VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE : IX, DIVISION NO -121.

NOTES **STILT+5**

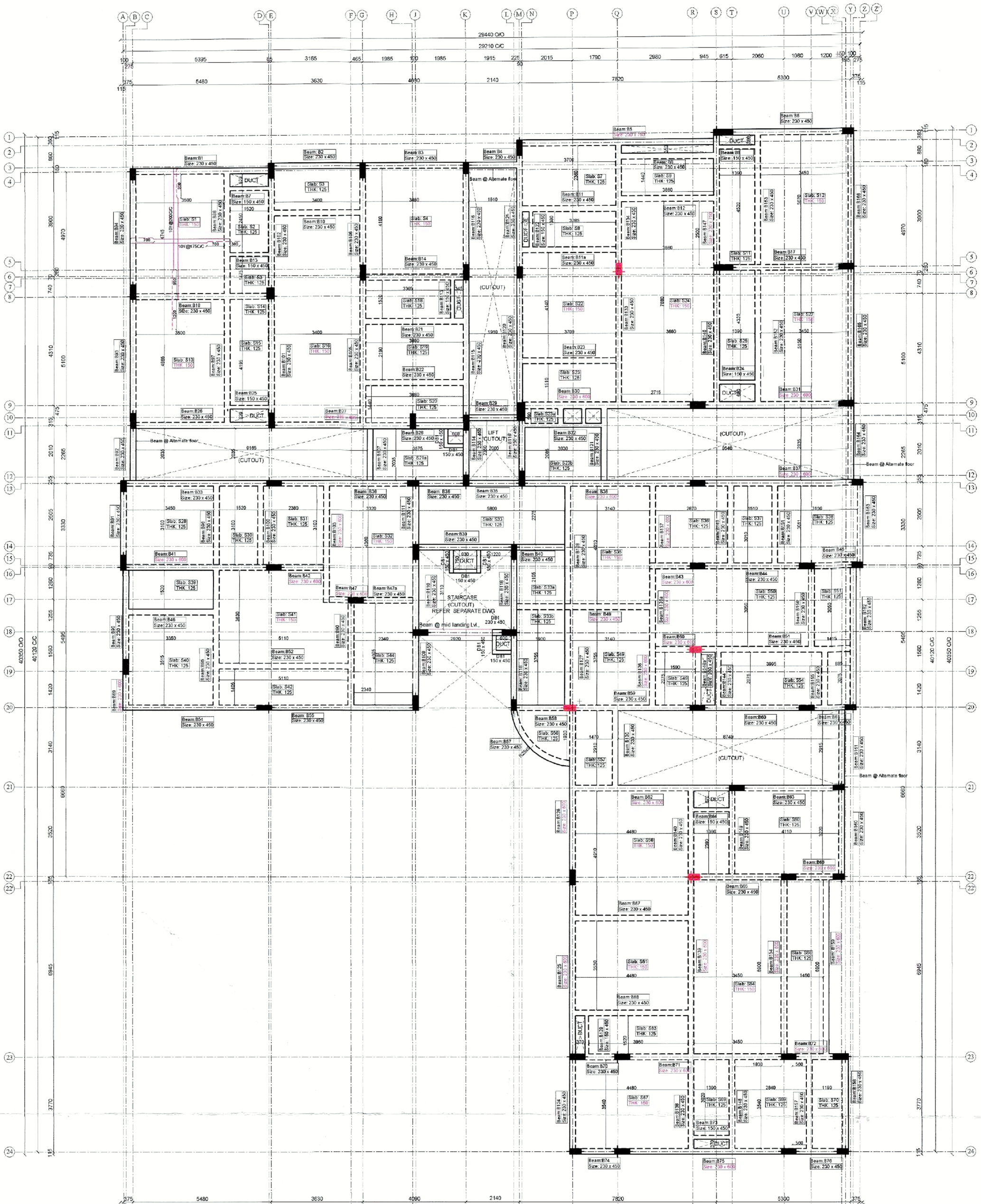
- REFER ARCH. DWG. FOR CENTRE LINE DIMENSIONS.
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- ALL REINFORCEMENTS ARE OF Fe500D GRADE.
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  - (i) SLAB 20mm
  - (ii) COLUMN 40mm
  - (iii) BEAM 25mm
  - (iv) R.C WALL 25mm
  - (v) FOOTING 40mm
- LAP LENGTH SHALL BE 50 x DIA OF THE BAR

NORTH POINT :

N

SIGNATURE :

V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V.,
CMDA REGN NOS-SE/GR-I/119/03/24, QA/19/04/21
CHARTERED ENGINEER & APPROVED VALUER
3-B, RAMANIYAM GAURAVV - 2,
BLOCK-2, MODEL SCHOOL ROAD,
SHOLINGANALLUR, CHENNAI-600 119.
MOBILE: 9841269154



TERRACE FLOOR ROOF BEAM LAYOUT

B1 - 230 X 450

PROJECT TITLE :	NOTES	STILT+5	NORTH POINT :	SIGNATURE :
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 5 FLOORS (18.30 m HEIGHT) RESIDENTIAL BUILDING WITH 25 DWELLING UNITS AVAILING PREMIUM FSI RESIDENTIAL BUILDING AT NEW DOOR No.10 &12, OLD DOOR No. 51& 52,THIRU-VI-KA SECOND STREET, (PREVIOUSLY BHEEMASENA GARDEN STREET) MYLAPORE, CHENNAI- 600 004. COMPRISED IN OLD S.No. 2791 AND R.S.No.1724/ 3 PART AS PER DOCUMENT AND R.S.No: 1724 /3,1724 /30, 1724/53 AND 1724/ 99 AS PER PATTA, BLOCK NO: 36 OF MYLAPORE (PART 2) VILLAGE, MYLAPORE TALUK, WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION, ZONE : IX, DIVISION NO -121.	• REFER ARCH. DWG. FOR CENTRE LINE DIMENSIONS. • CONCRETE MIX SHALL BE M40 FOR STILT FLOOR COLUMN, M30 FOR TYPICAL FLOOR COLUMN & M25 FOR ALL OTHER R.C.C WORKS. • ALL REINFORCEMENTS ARE OF Fe500D GRADE. • CLEAR COVER TO MAIN REINFORCEMENT SHALL BE (i) SLAB 20mm (ii) COLUMN 40mm (iii) BEAM 25mm (iv) R.C WALL 25mm (v) FOOTING 40mm • LAP LENGTH SHALL BE 50 x DIA OF THE BAR		N	V. JAGEN, B.E.,M.E., (Struct), A.M.I.E.,A.I.V., CMDA REGN NOS-SE/GR-I/19/03/24, QA/19/04/21 CHARTERED ENGINEER & APPROVED VALUER 3-B, RAMANIYAM GAURAVV - 2, BLOCK-2, MODEL SCHOOL ROAD, SHOLINGANALLUR, CHENNAI-600 119. MOBILE: 9841269154

Our services go beyond

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Property Development & Approvals

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

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Compliance & Special Services

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

Smarter Tools, Stronger Decisions

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

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We're honored to be part of your
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